# DEMENTIA ESTIMATES AND PROJECTIONS, NSW AND ITS REGIONS

REPORT BY
ACCESS ECONOMICS PTY LIMITED

FOR

**ALZHEIMER'S AUSTRALIA NSW**

**AND**

**NSW HEALTH**

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# ACKNOWLEDGEMENT AND DISCLAIMER

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# EXECUTIVE SUMMARY

This report presents data for New South Wales and its constituent Area Health Service regions on the prevalence and incidence of dementia today, and projections for the future.

**1 in 3 Australians with dementia currently live in New South Wales, around 71,360 people in 2005.** This is projected to increase to over 227,200 people by 2050, more than the total number of people living with dementia across all of Australia today.

**In 2005 around 18,100 new cases of dementia will be diagnosed in NSW.** This will also grow, to around 54,700 new cases in 2050.

NSW, along with Victoria, Tasmania and South Australia, has a relatively older population than other States and Territories. As a result, NSW also has higher rates of dementia incidence and prevalence, as a percentage of their populations. The share of people with dementia living in NSW will decline slightly over the periods 2002-2050, as jurisdictions with relatively younger (but still ageing) populations experience higher rates of growth in dementia prevalence.

**Around 65% of people with dementia in NSW live in metropolitan areas**. Projected patterns in dementia prevalence and incidence over time vary considerably between Area Health Service regions, due to underlying demographic variations.

- **Western and South Western Sydney** currently have the lowest rates of dementia prevalence (as a proportion of the area's population), but are projected to witness the largest increases in dementia prevalence between 2002 to 2050 – up to a fourfold increase in Western Sydney.
- The other metropolitan regions, **Northern Sydney/Central Coast and South Eastern Sydney/Illawarra** have, and will continue to have, the largest absolute number of people with dementia.
- **Hunter/New England and the North Coast** will also experience larger increases in dementia prevalence and incidence than the average for NSW, with dementia affecting over 3% of their populations by 2050 (3.6% for the North Coast).
  - In 2050 the number of people with dementia living in each these regions will be similar to the number residing in Western Sydney.
- The **Greater Southern and Greater Western** regions will experience slower than average growth due to the smaller and more stable population residing in these areas.

These estimates are based on the most recent data available, which show that projections are significantly higher than in the past (25% higher by 2050 than prevalence estimates produced in early 2003). This can be attributed to increasing rates of diagnosis as well as revised population estimates. The significant change in prevalence estimates as a result of these factors underscores the sensitivity of the projections to such changes, lending caution to the interpretation and use of the forecasts.

However, the sensitivity also suggests that research or treatment breakthroughs that enabled the delay of dementia onset would produce substantial reductions in the future number of cases and in the real costs of dementia (Access Economics, 2004) in NSW.

# 1. BACKGROUND

Access Economics (2003) provided estimates and projections to Alzheimer's Australia in 2003 for the prevalence of dementia in Australia as a whole for the years 2002, 2011, 2021, 2031, 2041 and 2051. These estimates were based on age specific prevalence rates derived from the Australian Bureau of Statistics (ABS) *Survey of Disability Ageing and Carers* (DAC) for the years 1998 and 1993, together with international epidemiological data. The international data provided the more robust estimates of total prevalence, while the DAC self-reported data (see ABS, 1999 for Survey methodology) provided Australian age-gender splits, including for people aged under 65 years.

The main purpose of the 2003 Access Economics study was to provide the most reliable projections of the time, with an emphasis on the burgeoning economic cost of dementia due to demographic ageing, and the need for timely and cost-effective interventions to improve the quality of life for Australians with dementia as part of a national strategy to improve awareness, prevention and treatment of this important and (at the time) under-recognised issue.

Professor Anthony Jorm and his colleagues at the Centre for Mental Health Research, Australian National University, have estimated new prevalence and incidence rates (Jorm et al, *in press*) based on the meta-analysis of European epidemiological studies by Wancata et al (2003). In September 2004 the results of a more recent DAC Survey were released (ABS, 2004a), providing data collected June to November 2003, by severity of disability and by care setting including residential aged care facilities. In addition, release in September 2003 of detailed 2001 Census data has enabled the recalculation of ABS Series B (mid-case) population projections by demographic group and region of Australia at a more disaggregated level; the fertility, mortality and migration assumptions are explained in ABS (2003a).

Alzheimer's Australia NSW and NSW Health commissioned Access Economics to utilise the new data to estimate dementia prevalence and incidence for New South Wales and its regions. This report presents the findings of this new analysis. A detailed comparison of trends between the States and Territories is contained in a companion report by Access Economics (2005a) *Dementia estimates and projections: Australian States and Territories*. Additional companion reports for Alzheimer's Australia VIC (Access Economics, 2005b) and Alzheimer's Australia WA (Access Economics, 2005c) detail dementia prevalence and incidence for Victoria and Western Australia, and their respective regions.

# 2. PREVALENCE ESTIMATES AND PROJECTIONS

## 2.1 PREVIOUS ESTIMATES AND PROJECTIONS, AUSTRALIA

Access Economics (2003) presented age-specific dementia prevalence rates as shown in Table 1, resulting in estimates of 162,300 Australians with dementia in 2002, 0.8% of the population.

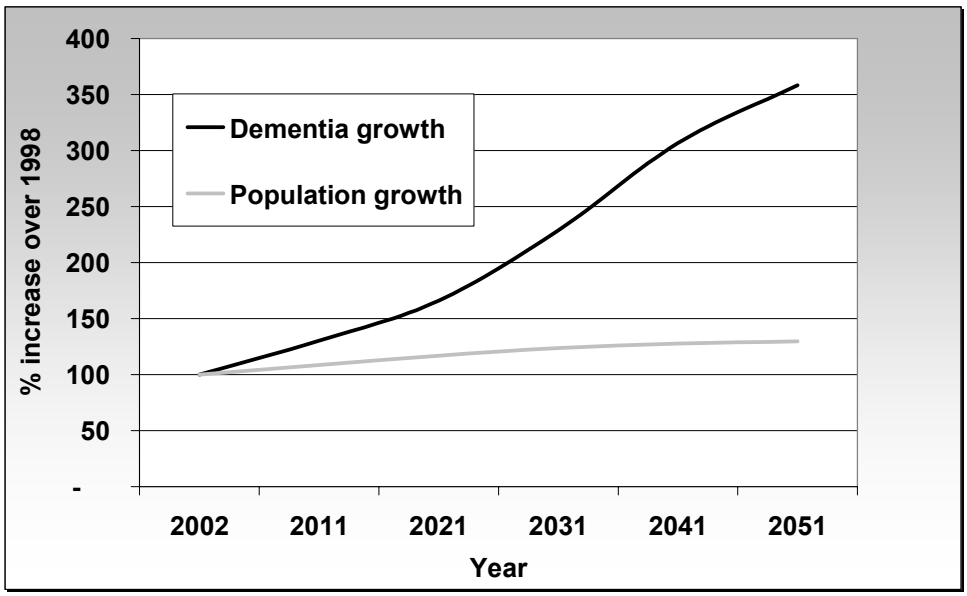
**TABLE 1 PREVALENCE OF DEMENTIA BY AGE & GENDER, 2002 ESTIMATES**

| Age Group | Males 2002 | | Females 2002 | | People 2002 | | 1993 % age group |
|---|---|---|---|---|---|---|---|
| | '000 | % age group | '000 | % age group | '000 | % age group | |
| 0-24 | - | - | - | - | - | - | - |
| 25-64 | 4.3 | 0.2% | 2.3 | 0.1% | 6.6 | 0.1% | 0.1% |
| 65-74 | 12.1 | 1.9% | 7.6 | 1.1% | 19.7 | 1.5% | 1.2% |
| 75-84 | 20.7 | 5.7% | 34.1 | 6.8% | 54.8 | 6.3% | 6.0% |
| 85+ | 19.1 | 22.8% | 62 | 33.6% | 81.1 | 30.2% | 23.4% |
| **Total** | **56.3** | **0.6%** | **106.0** | **1.1%** | **162.3** | **0.8%** | **0.6%** |

Source: Access Economics (2003), p31.

Applying these prevalence rates to estimates at that time of the growing Australian future population showed dementia reaching the half-million mark around 2041 and growing to 581,300 people by 2051, 2.3% of the then projected population (Figure 1).

**FIGURE 1 PREVIOUS (2002) PROJECTION OF DEMENTIA PREVALENCE, 2002-2051**




Source: Access Economics (2003), p32.

The report (p88) noted that these projections were likely to be conservative, since comparison of the 1993 and 1998 data showed an increase in the age prevalence of dementia over time (see final columns of Table 1), as diagnostics continue to improve:

> *"The prevalence estimates will be conservative as they will not capture people whose dementia has not been diagnosed….The prevalence [projections] may be conservative as diagnoses may occur earlier in the future in line with the current trend."*

This indeed appears to be the case, as revealed in the new data.

## 2.2 PREVALENCE RATES USED IN THE PROJECTIONS

For this study, Access Economics used data from the Survey of Disability, Ageing and Carers released by the Australian Bureau of Statistics in 2004 (ABS, 2004a), together with ABS demographic projections for NSW regions.

The DAC data provide (the only) estimate of the number of people with dementia in the population under 60, showing an estimated 1,700 Australians under 60 with dementia in 2003 (0.01% of Australians under 60), albeit with a very high standard error. The data also show that for the population aged 60 and over there are no statistically significant differences between State prevalence rates after standardising for age and gender distributions.

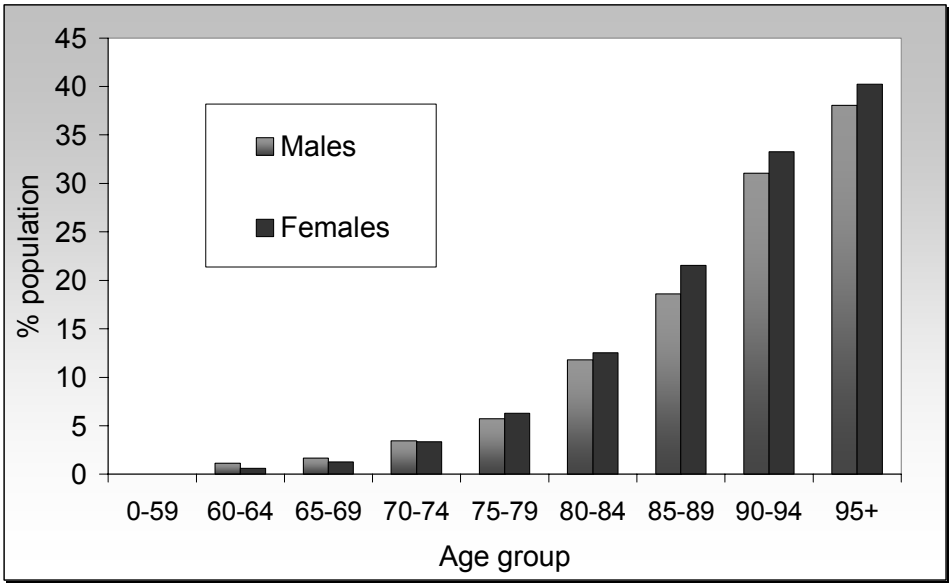
The DAC prevalence data were, as in Access Economics (2003), compared with the latest meta-analyses by Jorm et al (in press), which include Jorm et al (1987), Hofman et al (1991), Ritchie and Kildea (1995) and Lobo et al (2000). From these studies we estimated prevalence rates for those over 60 as shown in Table 2, by averaging the rates from the source studies for each age-gender group. The averages derived are also depicted graphically in Figure 2 for comparative purposes.

**TABLE 2 PREVALENCE RATES BY AGE & GENDER (%)**

| Age group | Female | Male |
|---|---|---|
| <60 | 0.01 | 0.01 |
| 60-64 | 0.6 | 1.2 |
| 65-69 | 1.3 | 1.7 |
| 70-74 | 3.3 | 3.5 |
| 75-79 | 6.3 | 5.8 |
| 80-84 | 12.6 | 11.8 |
| 85-89 | 21.5 | 18.6 |
| 90-94 | 33.3 | 31.1 |
| 95+ | 40.3 | 38.1 |

Sources: ABS (2004), Jorm et al (1987), Hofman et al (1991), Ritchie and Kildea (1995), Lobo et al (2000).

**FIGURE 2 PREVALENCE RATES, BY AGE & GENDER (%)**




As set out in Access Economics (2005a), applying these prevalence rates to current Australian population projections generates a substantially (25%) larger forecast of the number of people who will have dementia in 2050 than previously estimated (Access Economics, 2003). There are three main reasons for this.

- **Higher rates of diagnosis from the new data:** when applied to the population data for earlier in this decade, generate a **much higher start point**.
  - Thus, for 2002, the previous estimate of 162,300 becomes 184,800.
  - For people aged 65-74, we see from Table 1 that 1.5% of people were formerly estimated to have dementia; Table 2 shows that this is consistent only with the 65-69 year olds now (1.3%-1.7%) with the 70-74 year old prevalence rate now 3.3%-3.5%.
- **More precise (higher) prevalence rates for the oldest old**: the previous report estimated prevalence of 6.3% in the 75-84 age band and 30.2% in the 85+ band, while the new prevalence estimates allow for narrower splits – five five-year bands from age 75 to 95+.
  - In the oldest group (95+) the prevalence rate is around 40%, and is also higher in the 90-94 and 80-84 bands (double for the latter group), where the most rapid population growth is forecast (the baby boomers start to turn 80 in 2025).
- **New demographic data**: the ABS population data projection revisions of 2003-04 yield slightly higher future forecasts of the Australian population.
  - The oldest old groups are revised upwards, largely reflecting life expectancy gains.

The significant change in prevalence estimates as a result of these factors underscores the sensitivity of the projections to such changes, lending caution to the interpretation and use of the forecasts. Indeed, more substantial events, such as research or treatment breakthroughs that enabled the delay of dementia onset, would produce substantial reductions in the future number of cases and in the real costs of dementia (Access Economics, 2004).

## 2.3 PREVALENCE FOR NSW AS A WHOLE

Applying these prevalence rates to the NSW population generates estimates of the number of people with dementia, by age group and gender, for the years shown in Table 3 over the page. For comparative purposes, a similar table is provided for the whole of Australia (Table 4).

**In 2005 there will be over 71,300 people in New South Wales with dementia.** 2005 is also the year that the first of the baby boomers turn 60, with enormous impacts for the growth in the number of people with dementia thereafter.

- **By mid-century, the number of people in NSW with dementia is projected to increase to over 227,000**, 3.8 times the number of those with dementia in NSW in 2000. While this is slightly lower than the national average rate of increase (fourfold), **there will be more people with dementia in NSW in 2050 than there are today across the whole of Australia**.
- **Currently, over 1 in 3 people with dementia live in NSW,** although this share is projected to fall from 35.2% in 2002 to 31.1% in 2005 due to the relatively quicker growth of the younger populations in some other States/Territories, notably Northern Territory, Queensland, Western Australia and the Australian Capital Territory.
- As the NSW population is relatively older than in other States/Territories, **growth of dementia in NSW is projected to be the third slowest in Australia, after Tasmania and South Australia.**

Further comparison with other States and Territories is provided in Table 5 and in Figure 3 and Figure 4. Access Economics (2005a) provides greater detail for trends across the other Australian States and Territories and for the nation as a whole.

## TABLE 3 DEMENTIA PREVALENCE BY AGE & GENDER, NEW SOUTH WALES, 2000 TO 2050

| NSW ('000) | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2020 | 2030 | 2040 | 2050 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Male** | | | | | | | | | | | | | | | |
| 0-59 | 0.27 | 0.27 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.29 | 0.29 | 0.29 | 0.28 |
| 60-64 | 1.59 | 1.63 | 1.67 | 1.70 | 1.77 | 1.85 | 1.94 | 2.07 | 2.19 | 2.27 | 2.33 | 2.66 | 2.76 | 2.79 | 3.00 |
| 65-69 | 1.94 | 1.96 | 2.00 | 2.04 | 2.11 | 2.19 | 2.24 | 2.29 | 2.36 | 2.46 | 2.57 | 3.42 | 3.99 | 4.15 | 4.22 |
| 70-74 | 3.64 | 3.68 | 3.69 | 3.63 | 3.59 | 3.57 | 3.61 | 3.71 | 3.82 | 3.96 | 4.10 | 6.24 | 7.24 | 7.60 | 7.76 |
| 75-79 | 4.48 | 4.61 | 4.71 | 4.83 | 4.95 | 5.00 | 5.06 | 5.08 | 5.05 | 5.02 | 5.02 | 7.13 | 9.77 | 11.59 | 12.23 |
| 80-84 | 4.99 | 5.38 | 5.74 | 6.10 | 6.43 | 6.71 | 6.91 | 7.09 | 7.32 | 7.56 | 7.69 | 9.50 | 15.16 | 18.07 | 19.46 |
| 85-89 | 3.64 | 3.82 | 4.03 | 4.19 | 4.31 | 4.57 | 5.00 | 5.38 | 5.75 | 6.08 | 6.39 | 8.04 | 12.35 | 17.54 | 21.55 |
| 90-94 | 1.72 | 1.85 | 2.01 | 2.23 | 2.39 | 2.58 | 2.71 | 2.86 | 2.98 | 3.10 | 3.35 | 6.06 | 8.29 | 14.03 | 17.66 |
| 95+ | 0.50 | 0.58 | 0.63 | 0.73 | 0.75 | 0.81 | 0.87 | 0.94 | 1.03 | 1.12 | 1.22 | 2.64 | 4.08 | 6.70 | 10.61 |
| **TOTAL M** | **22.77** | **23.79** | **24.75** | **25.73** | **26.58** | **27.56** | **28.62** | **29.71** | **30.78** | **31.85** | **32.96** | **45.97** | **63.93** | **82.77** | **96.78** |
| % of M Population | 0.7% | 0.7% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.9% | 0.9% | 0.9% | 0.9% | 1.2% | 1.6% | 2.0% | 2.3% |
| % M of total Prev | 37.8% | 38.0% | 38.1% | 38.3% | 38.4% | 38.6% | 38.8% | 39.0% | 39.2% | 39.4% | 39.6% | 41.7% | 42.8% | 42.5% | 42.6% |
| **Female** | | | | | | | | | | | | | | | |
| 0-59 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 |
| 60-64 | 0.82 | 0.84 | 0.86 | 0.87 | 0.91 | 0.95 | 0.99 | 1.06 | 1.13 | 1.17 | 1.21 | 1.42 | 1.44 | 1.45 | 1.54 |
| 65-69 | 1.52 | 1.52 | 1.55 | 1.58 | 1.62 | 1.66 | 1.70 | 1.73 | 1.77 | 1.84 | 1.93 | 2.65 | 3.04 | 3.14 | 3.14 |
| 70-74 | 3.94 | 3.95 | 3.92 | 3.84 | 3.78 | 3.78 | 3.79 | 3.86 | 3.96 | 4.08 | 4.19 | 6.28 | 7.37 | 7.56 | 7.60 |
| 75-79 | 6.44 | 6.51 | 6.55 | 6.60 | 6.66 | 6.63 | 6.65 | 6.61 | 6.52 | 6.44 | 6.44 | 8.49 | 11.85 | 13.67 | 14.26 |
| 80-84 | 8.55 | 9.06 | 9.46 | 9.83 | 10.22 | 10.55 | 10.67 | 10.76 | 10.92 | 11.06 | 11.04 | 12.38 | 19.06 | 22.69 | 23.55 |
| 85-89 | 8.84 | 9.12 | 9.44 | 9.68 | 9.81 | 10.09 | 10.77 | 11.35 | 11.86 | 12.36 | 12.82 | 13.80 | 19.09 | 27.21 | 31.97 |
| 90-94 | 5.30 | 5.65 | 6.01 | 6.36 | 6.71 | 7.10 | 7.35 | 7.64 | 7.88 | 8.04 | 8.38 | 12.14 | 14.58 | 23.38 | 28.74 |
| 95+ | 1.82 | 1.96 | 2.13 | 2.36 | 2.56 | 2.76 | 2.99 | 3.21 | 3.42 | 3.67 | 3.95 | 6.90 | 8.83 | 12.66 | 19.39 |
| **TOTAL F** | **37.50** | **38.89** | **40.18** | **41.39** | **42.55** | **43.80** | **45.19** | **46.51** | **47.74** | **48.95** | **50.23** | **64.34** | **85.55** | **112.03** | **130.46** |
| % of F Population | 1.1% | 1.2% | 1.2% | 1.2% | 1.3% | 1.3% | 1.3% | 1.3% | 1.4% | 1.4% | 1.4% | 1.7% | 2.1% | 2.7% | 3.1% |
| % F of total Prev | 62.2% | 62.0% | 61.9% | 61.7% | 61.6% | 61.4% | 61.2% | 61.0% | 60.8% | 60.6% | 60.4% | 58.3% | 57.2% | 57.5% | 57.4% |
| **Persons** | | | | | | | | | | | | | | | |
| 0-59 | 0.54 | 0.54 | 0.55 | 0.55 | 0.55 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.56 | 0.57 | 0.57 | 0.57 | 0.56 |
| 60-64 | 2.41 | 2.47 | 2.53 | 2.58 | 2.68 | 2.80 | 2.93 | 3.13 | 3.32 | 3.44 | 3.55 | 4.07 | 4.20 | 4.24 | 4.54 |
| 65-69 | 3.46 | 3.48 | 3.55 | 3.62 | 3.74 | 3.85 | 3.94 | 4.03 | 4.13 | 4.30 | 4.50 | 6.08 | 7.03 | 7.29 | 7.36 |
| 70-74 | 7.57 | 7.63 | 7.61 | 7.47 | 7.37 | 7.35 | 7.40 | 7.57 | 7.79 | 8.04 | 8.29 | 12.52 | 14.61 | 15.16 | 15.36 |
| 75-79 | 10.92 | 11.13 | 11.25 | 11.43 | 11.61 | 11.63 | 11.71 | 11.69 | 11.57 | 11.46 | 11.46 | 15.61 | 21.62 | 25.26 | 26.49 |
| 80-84 | 13.54 | 14.44 | 15.20 | 15.93 | 16.65 | 17.26 | 17.59 | 17.85 | 18.24 | 18.61 | 18.73 | 21.89 | 34.22 | 40.76 | 43.02 |
| 85-89 | 12.48 | 12.94 | 13.47 | 13.86 | 14.12 | 14.67 | 15.77 | 16.73 | 17.61 | 18.45 | 19.21 | 21.84 | 31.44 | 44.74 | 53.52 |
| 90-94 | 7.02 | 7.50 | 8.01 | 8.59 | 9.10 | 9.68 | 10.06 | 10.50 | 10.85 | 11.14 | 11.73 | 18.20 | 22.87 | 37.41 | 46.40 |
| 95+ | 2.32 | 2.54 | 2.76 | 3.09 | 3.31 | 3.57 | 3.86 | 4.15 | 4.46 | 4.79 | 5.17 | 9.54 | 12.91 | 19.36 | 30.00 |
| **TOTAL P** | **60.27** | **62.68** | **64.93** | **67.12** | **69.13** | **71.36** | **73.81** | **76.22** | **78.52** | **80.79** | **83.20** | **110.31** | **149.48** | **194.80** | **227.24** |
| % of Population | 0.93% | 0.95% | 0.98% | 1.00% | 1.02% | 1.05% | 1.07% | 1.10% | 1.12% | 1.15% | 1.17% | 1.45% | 1.87% | 2.36% | 2.72% |

## TABLE 4 DEMENTIA PREVALENCE BY AGE & GENDER, AUSTRALIA, 2000-2050

| AUST ('000) | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2020 | 2030 | 2040 | 2050 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Male** | | | | | | | | | | | | | | | |
| 0-59 | 0.81 | 0.81 | 0.82 | 0.83 | 0.84 | 0.84 | 0.85 | 0.85 | 0.85 | 0.85 | 0.86 | 0.88 | 0.89 | 0.90 | 0.89 |
| 60-64 | 4.61 | 4.76 | 4.92 | 5.05 | 5.26 | 5.50 | 5.76 | 6.18 | 6.56 | 6.82 | 7.05 | 8.11 | 8.53 | 8.61 | 9.41 |
| 65-69 | 5.56 | 5.62 | 5.77 | 5.95 | 6.17 | 6.41 | 6.61 | 6.83 | 7.04 | 7.34 | 7.69 | 10.48 | 12.27 | 12.79 | 13.24 |
| 70-74 | 10.34 | 10.47 | 10.50 | 10.39 | 10.34 | 10.34 | 10.49 | 10.81 | 11.20 | 11.66 | 12.15 | 19.14 | 22.39 | 23.80 | 24.25 |
| 75-79 | 12.63 | 13.07 | 13.43 | 13.81 | 14.17 | 14.40 | 14.60 | 14.68 | 14.64 | 14.66 | 14.72 | 21.70 | 30.41 | 36.19 | 38.30 |
| 80-84 | 14.04 | 15.13 | 16.18 | 17.29 | 18.30 | 19.14 | 19.88 | 20.51 | 21.23 | 21.94 | 22.43 | 28.81 | 47.46 | 57.08 | 62.17 |
| 85-89 | 10.56 | 11.06 | 11.54 | 11.99 | 12.25 | 13.06 | 14.27 | 15.43 | 16.54 | 17.61 | 18.55 | 24.26 | 38.59 | 56.02 | 69.05 |
| 90-94 | 5.20 | 5.57 | 5.97 | 6.58 | 7.08 | 7.59 | 7.97 | 8.37 | 8.69 | 8.99 | 9.75 | 18.30 | 26.01 | 45.37 | 57.65 |
| 95+ | 1.52 | 1.73 | 1.91 | 2.20 | 2.28 | 2.45 | 2.64 | 2.86 | 3.12 | 3.39 | 3.69 | 7.98 | 12.82 | 21.78 | 35.32 |
| **TOTAL M** | **65.26** | **68.23** | **71.04** | **74.09** | **76.69** | **79.73** | **83.06** | **86.51** | **89.88** | **93.27** | **96.88** | **139.65** | **199.38** | **262.53** | **310.30** |
| % of M Population | 0.7% | 0.7% | 0.7% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.9% | 0.9% | 0.9% | 1.2% | 1.6% | 2.1% | 2.4% |
| % M of total Prev | 38.1% | 38.3% | 38.4% | 38.6% | 38.8% | 38.9% | 39.1% | 39.3% | 39.5% | 39.8% | 40.0% | 41.9% | 42.8% | 42.4% | 42.4% |
| **Female** | | | | | | | | | | | | | | | |
| 0-59 | 0.79 | 0.80 | 0.81 | 0.82 | 0.82 | 0.83 | 0.84 | 0.84 | 0.84 | 0.84 | 0.85 | 0.86 | 0.87 | 0.88 | 0.87 |
| 60-64 | 2.38 | 2.45 | 2.52 | 2.58 | 2.69 | 2.82 | 2.95 | 3.19 | 3.40 | 3.56 | 3.70 | 4.37 | 4.55 | 4.53 | 4.91 |
| 65-69 | 4.31 | 4.34 | 4.44 | 4.56 | 4.72 | 4.87 | 4.99 | 5.14 | 5.28 | 5.50 | 5.76 | 8.21 | 9.49 | 9.87 | 10.03 |
| 70-74 | 11.09 | 11.13 | 11.07 | 10.93 | 10.83 | 10.85 | 10.94 | 11.22 | 11.56 | 11.97 | 12.37 | 19.40 | 23.05 | 24.11 | 24.08 |
| 75-79 | 18.06 | 18.32 | 18.49 | 18.69 | 18.92 | 18.90 | 18.99 | 18.90 | 18.74 | 18.63 | 18.71 | 25.79 | 37.17 | 43.28 | 45.31 |
| 80-84 | 23.85 | 25.33 | 26.54 | 27.81 | 29.00 | 29.93 | 30.44 | 30.81 | 31.31 | 31.81 | 31.88 | 37.32 | 59.89 | 72.05 | 76.23 |
| 85-89 | 25.12 | 26.03 | 26.71 | 27.23 | 27.47 | 28.45 | 30.46 | 32.24 | 33.94 | 35.47 | 36.80 | 41.04 | 59.13 | 86.78 | 102.91 |
| 90-94 | 15.13 | 16.14 | 17.11 | 18.24 | 19.40 | 20.52 | 21.23 | 21.90 | 22.42 | 22.83 | 23.98 | 35.91 | 44.97 | 74.92 | 93.01 |
| 95+ | 5.22 | 5.58 | 6.07 | 6.76 | 7.36 | 7.96 | 8.62 | 9.32 | 9.99 | 10.75 | 11.57 | 20.37 | 26.94 | 40.14 | 63.39 |
| **TOTAL F** | **105.96** | **110.12** | **113.77** | **117.62** | **121.21** | **125.12** | **129.46** | **133.54** | **137.48** | **141.37** | **145.62** | **193.29** | **266.07** | **356.55** | **420.73** |
| % of F Population | 1.1% | 1.1% | 1.2% | 1.2% | 1.2% | 1.2% | 1.3% | 1.3% | 1.3% | 1.3% | 1.4% | 1.7% | 2.1% | 2.7% | 3.2% |
| % F of total Prev | 61.9% | 61.7% | 61.6% | 61.4% | 61.2% | 61.1% | 60.9% | 60.7% | 60.5% | 60.2% | 60.0% | 58.1% | 57.2% | 57.6% | 57.6% |
| **Persons** | | | | | | | | | | | | | | | |
| 0-59 | 1.60 | 1.62 | 1.63 | 1.65 | 1.66 | 1.67 | 1.68 | 1.69 | 1.69 | 1.70 | 1.70 | 1.74 | 1.76 | 1.77 | 1.76 |
| 60-64 | 6.99 | 7.21 | 7.43 | 7.63 | 7.95 | 8.32 | 8.71 | 9.37 | 9.96 | 10.38 | 10.76 | 12.48 | 13.08 | 13.14 | 14.32 |
| 65-69 | 9.88 | 9.96 | 10.21 | 10.51 | 10.89 | 11.28 | 11.60 | 11.97 | 12.32 | 12.84 | 13.45 | 18.70 | 21.76 | 22.67 | 23.27 |
| 70-74 | 21.43 | 21.61 | 21.57 | 21.32 | 21.17 | 21.18 | 21.43 | 22.03 | 22.77 | 23.63 | 24.52 | 38.54 | 45.45 | 47.91 | 48.33 |
| 75-79 | 30.68 | 31.40 | 31.92 | 32.50 | 33.09 | 33.30 | 33.59 | 33.57 | 33.39 | 33.29 | 33.43 | 47.48 | 67.58 | 79.47 | 83.62 |
| 80-84 | 37.88 | 40.46 | 42.72 | 45.11 | 47.31 | 49.07 | 50.32 | 51.32 | 52.54 | 53.75 | 54.31 | 66.13 | 107.35 | 129.13 | 138.39 |
| 85-89 | 35.68 | 37.09 | 38.25 | 39.22 | 39.72 | 41.52 | 44.73 | 47.66 | 50.48 | 53.09 | 55.35 | 65.30 | 97.73 | 142.80 | 171.96 |
| 90-94 | 20.33 | 21.71 | 23.08 | 24.82 | 26.48 | 28.10 | 29.21 | 30.27 | 31.11 | 31.82 | 33.73 | 54.21 | 70.98 | 120.28 | 150.66 |
| 95+ | 6.74 | 7.31 | 7.98 | 8.96 | 9.64 | 10.41 | 11.26 | 12.17 | 13.10 | 14.14 | 15.25 | 28.36 | 39.76 | 61.92 | 98.71 |
| **TOTAL P** | **171.22** | **178.35** | **184.80** | **191.71** | **197.90** | **204.85** | **212.52** | **220.05** | **227.36** | **234.64** | **242.50** | **332.93** | **465.46** | **619.09** | **731.03** |
| % of Population | 0.89% | 0.92% | 0.94% | 0.96% | 0.98% | 1.01% | 1.03% | 1.06% | 1.09% | 1.11% | 1.14% | 1.44% | 1.88% | 2.40% | 2.77% |

## TABLE 5 DEMENTIA PREVALENCE ('000) BY STATE/TERRITORY, 2000-2050

| | NSW | VIC | QLD | SA | WA | TAS | NT | ACT | AUST |
|---|---|---|---|---|---|---|---|---|---|
| **2000** | 60.3 | 44.3 | 29.2 | 16.1 | 14.5 | 4.6 | 0.4 | 1.8 | 171.2 |
| **2001** | 62.7 | 46.1 | 30.6 | 16.6 | 15.2 | 4.7 | 0.5 | 1.9 | 178.4 |
| **2002** | 64.9 | 47.6 | 31.9 | 17.1 | 15.8 | 4.9 | 0.5 | 2.0 | 184.8 |
| **2003** | 67.1 | 49.3 | 33.4 | 17.7 | 16.5 | 5.1 | 0.5 | 2.1 | 191.7 |
| **2004** | 69.1 | 50.8 | 34.7 | 18.3 | 17.1 | 5.2 | 0.5 | 2.2 | 197.9 |
| **2005** | 71.4 | 52.5 | 36.2 | 18.8 | 17.7 | 5.4 | 0.5 | 2.3 | 204.9 |
| **2006** | 73.8 | 54.5 | 37.8 | 19.4 | 18.5 | 5.5 | 0.6 | 2.4 | 212.5 |
| **2007** | 76.2 | 56.3 | 39.4 | 20.0 | 19.3 | 5.7 | 0.6 | 2.5 | 220.1 |
| **2008** | 78.5 | 58.1 | 40.9 | 20.6 | 20.0 | 5.9 | 0.6 | 2.7 | 227.4 |
| **2009** | 80.8 | 59.9 | 42.5 | 21.2 | 20.8 | 6.0 | 0.6 | 2.8 | 234.6 |
| **2010** | 83.2 | 61.9 | 44.3 | 21.8 | 21.6 | 6.2 | 0.7 | 2.9 | 242.5 |
| **2020** | 110.3 | 83.6 | 65.6 | 28.0 | 31.8 | 8.2 | 1.0 | 4.3 | 332.9 |
| **2030** | 149.5 | 114.0 | 99.0 | 36.8 | 47.3 | 11.0 | 1.6 | 6.3 | 465.5 |
| **2040** | 194.8 | 149.8 | 138.7 | 46.2 | 65.5 | 13.6 | 2.2 | 8.3 | 619.1 |
| **2050** | 227.2 | 176.1 | 171.1 | 50.7 | 79.2 | 14.3 | 2.7 | 9.6 | 731.0 |
| **2000-50*** | 3.8 | 4.0 | 5.9 | 3.2 | 5.5 | 3.1 | 6.1 | 5.4 | 4.3 |
| Growth rank* | 6 | 5 | 2 | 7 | 3 | 8 | 1 | 4 | |
| Share 2000 | 35.2% | 25.9% | 17.1% | 9.4% | 8.5% | 2.7% | 0.3% | 1.0% | 100.0% |
| Share 2050 | 31.1% | 24.1% | 23.4% | 6.9% | 10.8% | 2.0% | 0.4% | 1.3% | 100.0% |
| %pop'n 2000 | 0.93% | 0.94% | 0.82% | 1.07% | 0.77% | 0.97% | 0.23% | 0.56% | 0.89% |
| %pop'n 2050 | 2.72% | 2.84% | 2.68% | 3.42% | 2.76% | 3.67% | 0.88% | 2.45% | 2.77% |

* *2000-50* is the prevalence in 2050 divided by the prevalence in 2000 (ie the factor of growth over the period). The *growth rank* ranks States/Territories according to the factor of growth from fastest (1) to slowest (8).

## FIGURE 3 DEMENTIA PREVALENCE ('000) BY STATE/TERRITORY, 2000 AND 2050

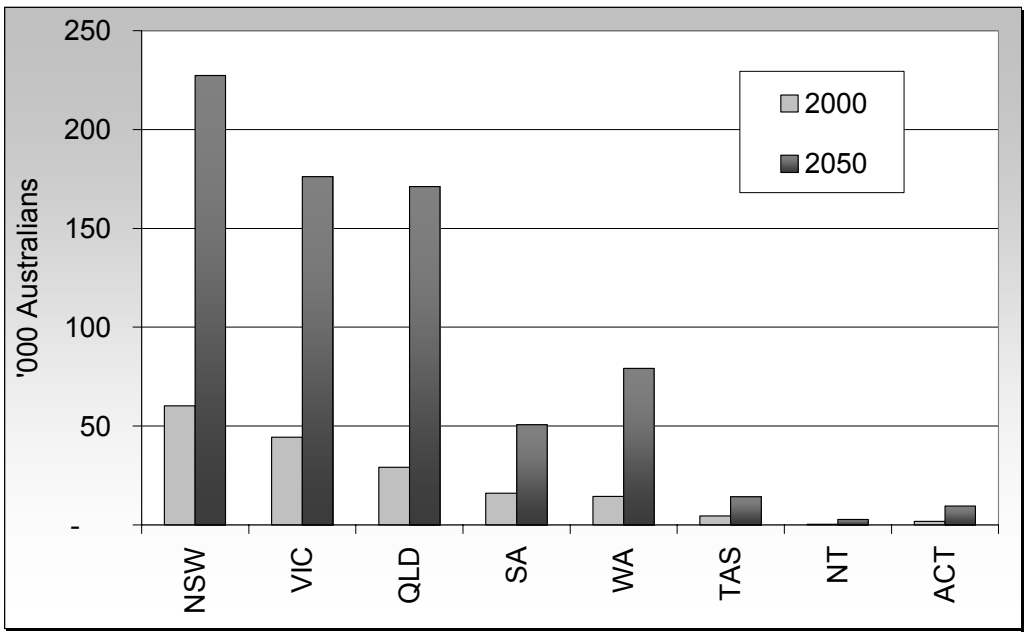
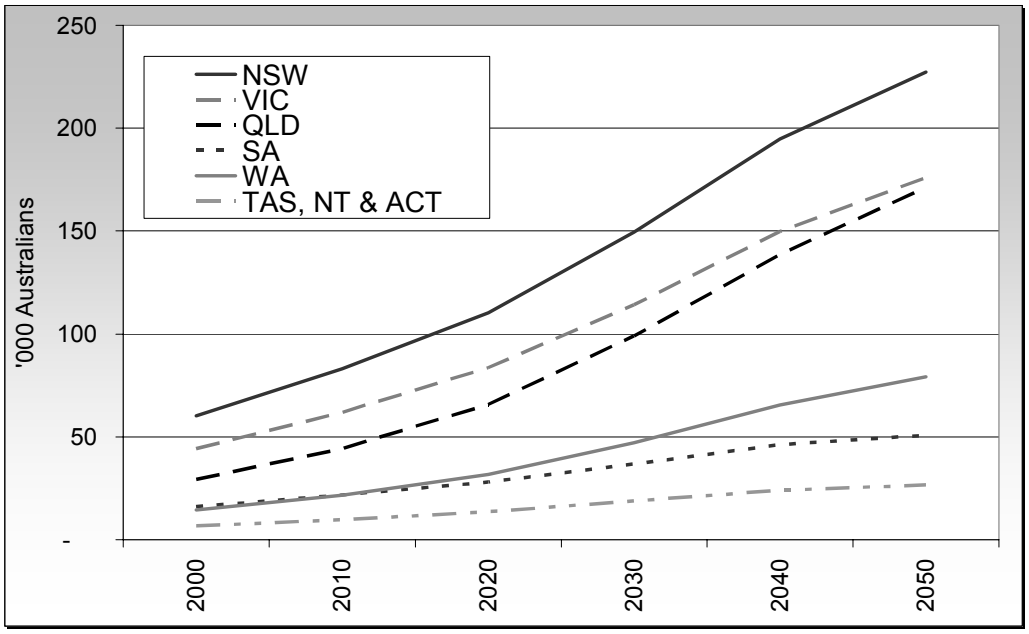


FIGURE 4 DEMENTIA PREVALENCE ('000) BY STATE/TERRITORY, 2000-2050




## 2.4 PREVALENCE ESTIMATES AND PROJECTIONS FOR NSW REGIONS

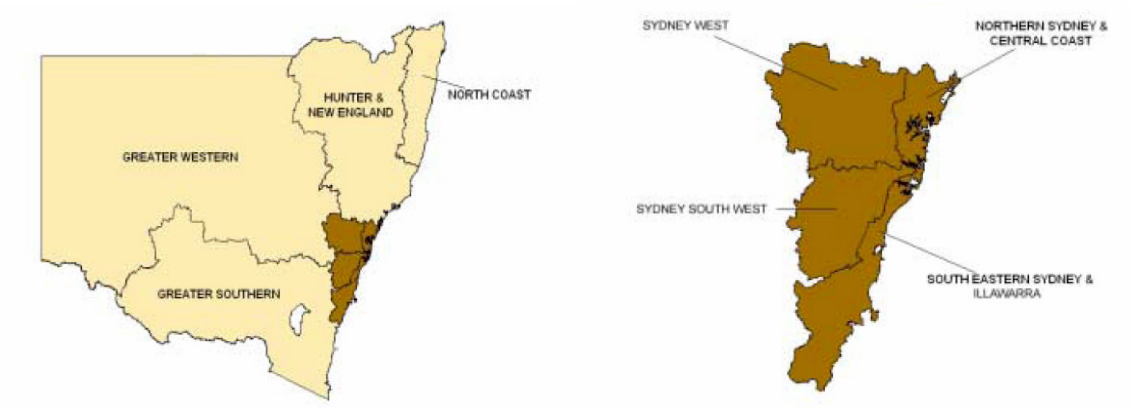
NSW Health divides NSW into eight geographic regions known as Area Health Services (AHS), four in greater Sydney and four in regional areas. In almost all cases, each AHS is an amalgamation of several Local Government Areas (LGAs). Table 6 provides a concordance between the NSW Health AHSs and LGAs included in the ABS Australian Standard Geographical Classification (ABS 2004b), and the geographic location of each AHS is shown in Figure 5.

The Sydney LGA lies across the boundary of the South Western Sydney AHS and the South Eastern Sydney/Illawarra AHS. In this case the underlying SLA (Statistical Local Area) data were used to allocate the population living in the Sydney LGA between the two AHSs. The Sydney LGA is comprised of three SLAs – Sydney (Inner), Sydney (South) and Sydney (Remainder). All of the Sydney (Inner) SLA falls within the boundaries of the South Eastern Sydney/Illawarra AHS. The population of the two remaining SLAs was allocated between the two AHSs in accordance with population shares provided by the Strategic and Resource Planning Unit of NSW Health. The Unit had calculated the shares for five year age-gender cohorts based on data from 2001 Census collection areas. Roughly, around 55% of the Sydney (South) SLA population and 51% of the Sydney (Remainder) SLA population was allocated to the South Eastern Sydney/Illawarra AHS.

## TABLE 6: RECONCILIATION OF NSW AHS REGIONS BY LGA

| NSW AHS | Local Government Areas |
|---|---|
| **Regional Area Health Services** | |
| Greater Southern | Albury, Bega Valley, Berrigan, Bland, Bombala, Boorowa, Carrathool, Conargo, Coolamon, Cooma-Monaro, Cootamundra, Corowa, Culcairn, Eastern Capital City Regional, Eurobodalla, Greater Argyle, Greater Queanbeyan, Griffith, Gundagai, Harden, Hay, Holbrook, Hume, Jerilderie, Junee, Leeton, Lockhart, Murray, Murrumbidgee, Narrandera, Snowy River, Temora, Tumbarumba, Tumut, Upper Lachlan, Urana, Wagga Wagga, Wakool, Yass Valley, Young |
| Greater Western | Balranald, Bathurst, Blayney, Bogan, Bourke, Brewarrina, Broken Hill, Cabonne, Central Darling, Cobar, Coolah, Coonabarabran, Coonamble, Cowra, Dubbo, Evans, Forbes, Gilgandra, Lachlan, Mudgee, Narromine, Oberon, Orange, Parkes, Rylstone, Unincorporated Far West, Walgett, Warren, Weddin, Wellington, Wentworth. |
| Hunter/New England | Armidale Dumaresq, Barraba, Bingara, Cessnock, Deniliquin, Dungog, Glen Innes, Gloucester, Great Lakes, Greater Taree, Gunnedah, Guyra, Inverell, Lake Macquarie, Maitland, Manilla, Merriwa, Moree Plains, Murrurundi, Muswellbrook, Narrabri, Newcastle, Nundle, Parry, Port Stephens, Quirindi, Scone, Severn, Singleton, Tamworth, Tenterfield, Uralla, Walcha, Yallaroi |
| North Coast | Ballina, Bellingen, Byron, Clarence Valley, Coffs Harbour, Hastings, Kempsey, Kyogle, Lismore, Nambucca, Richmond Valley, Tweed |
| **Metropolitan Area Health Services** | |
| Northern Sydney/Central Coast | Gosford, Hornsby, Hunter's Hill, Ku-Ring-Gai, Lane Cove, Manly, Mosman, North Sydney, Pittwater, Ryde, Warringah, Willoughby, Wyong |
| South Eastern Sydney/Illawarra | Botany Bay, Hurstville, Kiama, Kogarah, Lord Howe Island, Randwick, Rockdale, Shellharbour, Shoalhaven, Sutherland Shire, Sydney (part), Waverley, Wollongong, Woollahra |
| South Western Sydney | Ashfield, Bankstown, Burwood, Camden, Campbelltown, Canada Bay, Canterbury, Fairfield, Leichardt, Liverpool, Marrickville, Strathfield, Sydney (part) Wingecarribee, Wollondilly |
| Western Sydney | Auburn, Baulkham Hills, Blacktown, Blue Mountains, Hawkesbury, Holroyd, Lithgow, Parramatta, Penrith |

### FIGURE 5: MAP OF NSW AREA HEALTH SERVICES




Source: NSW Health (2004)

To estimate dementia prevalence for these NSW AHS regions, population projections were prepared by the Australian Bureau of Statistics (according to assumptions agreed by Access Economics), by SLA and LGA for the years 2002-2022. The ABS's full report detailing their methodology for projecting data for NSW regions is provided in full as an Appendix to this report. The methodology is identical to that used in previous reports by Access Economics (2005a, 2005b, 2005c).

The raw NSW data were smoothed to precisely match the bottom-up projections for NSW to the top-down ones for each age-gender group to the year 2050. The age-gender prevalence rates applied for Australia, States and Territories, were then applied to each region, to calculate the total prevalence of people with dementia in each.

The results are summarised in Table 7 and Figures 6 to 9, while the tables on the following pages (Tables 8 to 18) provide the projections for each AHS, as well as summaries for metropolitan and regional NSW.

**Around 65% of people with dementia in NSW live in metropolitan areas**, although this share decreases marginally over the period, reflecting **more rapid growth of dementia in the regional areas, on top of an already older regional population mix** (Table 7).

As a proportion of NSW's population**, the number of people with dementia is projected to increase from 1.0% in 2002 to 2.7% in 2050; however, there is considerable variation between regions.**

- **Western and South Western Sydney** currently have the lowest rates of dementia prevalence (as a proportion of the area's population), but are projected to witness the largest increases in dementia prevalence between 2002 to 2050
  - Western Sydney will experience a fourfold increase (from 7,000 to 28,000 people) and in South Western Sydney from 9,900 to 36,400 people over the forecast period.
- The other metropolitan regions, **Northern Sydney/Central Coast and South Eastern Sydney/Illawarra** have, and will continue to have, the largest absolute number of people with dementia.
  - In 2005 over 14,100 people in Northern Sydney/Central Coast will have dementia, and another 13,100 in South Eastern Sydney/Illawarra. This is

projected to rise to 42,000 and 40,600 respectively in 2050. The combined total of 82,600 is more than the current total across NSW.

- **Hunter/New England and the North Coast** will also experience larger increases in dementia prevalence and incidence than the average for NSW, with dementia affecting over 3% of their populations by 2050.
  - In 2050 the number of people with dementia living in each these regions will be similar to the number residing in Western Sydney.
  - The number of people with dementia in the North Coast region will increase from 5,900 in 2002 to 22,200 in 2050, a growth factor of 3.8. This is despite it already having the highest prevalence of dementia, as a percentage of the population, of any AHS (1.3% in 2002). The projected dementia growth is driven by continuing projected high in-migration of older people to the area. In 2050, 3.6% of the North Coast population will have dementia.
  - In Hunter/New England, the number of people with dementia is projected to increase from 9,100 in 2002 to over 32,100 in 2050. In 2050, as a percentage of the population dementia will be more common in Hunter/New England (3.2)than Northern Sydney/Central Coast (3.0%) in 2050, a reversal of their relative ranking in 2002 (see Figure 8).
- The **Greater Southern and Greater Western** regions will experience slower than average growth – 'only' 3.2 time between 2002 and 2050 - due to the smaller and more stable population residing in these areas.

The age distribution of people in NSW with dementia shows the rapid increase among those over 85 (Figure 9), mirroring national trends.

It should be noted that differences in overall estimated incidence and prevalence rates among AHSs related solely to the differences in current and projected age structures, rather than underlying geographic variations in age-gender incidence or prevalence rates.

## TABLE 7 DEMENTIA PREVALENCE, NSW AHS REGIONS, SELECTED YEARS

| | 2002 | 2005 | 2010 | 2020 | 2030 | 2040 | 2050 | 2002-50* |
|---|---|---|---|---|---|---|---|---|
| **Greater Southern** | 4,699 | 5,186 | 6,081 | 8,190 | 10,789 | 13,809 | 15,788 | 3.4 |
| % population | 1.0% | 1.1% | 1.3% | 1.6% | 2.0% | 2.5% | 2.8% | |
| % share | 7.2% | 7.3% | 7.3% | 7.4% | 7.2% | 7.1% | 6.9% | |
| Increase over previous period | | 10.4% | 17.3% | 34.7% | 31.7% | 28.0% | 14.3% | |
| **Greater Western** | 2,987 | 3,220 | 3,666 | 4,762 | 6,421 | 8,319 | 9,671 | 3.2 |
| % population | 1.0% | 1.1% | 1.2% | 1.6% | 2.0% | 2.5% | 2.8% | |
| % share | 4.6% | 4.5% | 4.4% | 4.3% | 4.3% | 4.3% | 4.3% | |
| Increase over previous period | | 7.8% | 13.9% | 29.9% | 34.8% | 29.6% | 16.3% | |
| **Hunter/New England** | 9,140 | 10,064 | 11,743 | 15,580 | 21,131 | 27,533 | 32,125 | 3.5 |
| % population | 1.1% | 1.2% | 1.4% | 1.7% | 2.2% | 2.8% | 3.2% | |
| % share | 14.1% | 14.1% | 14.1% | 14.1% | 14.1% | 14.1% | 14.1% | |
| Increase over previous period | | 10.1% | 16.7% | 32.7% | 35.6% | 30.3% | 16.7% | |
| **North Coast** | 5,915 | 6,627 | 7,860 | 10,672 | 14,541 | 19,031 | 22,272 | 3.8 |
| % population | 1.3% | 1.4% | 1.6% | 2.0% | 2.6% | 3.2% | 3.6% | |
| % share | 9.1% | 9.3% | 9.4% | 9.7% | 9.7% | 9.8% | 9.8% | |
| Increase over previous period | | 12.0% | 18.6% | 35.8% | 36.2% | 30.9% | 17.0% | |
| **Northern Sydney/Central Coast** | 13,195 | 14,162 | 15,941 | 19,981 | 27,097 | 35,724 | 42,002 | 3.2 |
| % population | 1.2% | 1.3% | 1.4% | 1.6% | 2.0% | 2.6% | 3.0% | |
| % share | 20.3% | 19.8% | 19.2% | 18.1% | 18.1% | 18.3% | 18.5% | |
| Increase over previous period | | 7.3% | 12.6% | 25.3% | 35.6% | 31.8% | 17.6% | |
| **South Eastern Sydney/Illawarra** | 12,032 | 13,139 | 15,161 | 19,511 | 26,432 | 34,687 | 40,664 | 3.4 |
| % population | 1.1% | 1.1% | 1.2% | 1.5% | 1.9% | 2.4% | 2.8% | |
| % share | 18.5% | 18.4% | 18.2% | 17.7% | 17.7% | 17.8% | 17.9% | |
| Increase over previous period | | 9.2% | 15.4% | 28.7% | 35.5% | 31.2% | 17.2% | |
| **South Western Sydney** | 9,933 | 10,993 | 13,046 | 17,760 | 24,133 | 31,310 | 36,460 | 3.7 |
| % population | 0.8% | 0.8% | 0.9% | 1.2% | 1.5% | 1.9% | 2.2% | |
| % share | 15.3% | 15.4% | 15.7% | 16.1% | 16.1% | 16.1% | 16.0% | |
| Increase over previous period | | 10.7% | 18.7% | 36.1% | 35.9% | 29.7% | 16.4% | |
| **Western Sydney** | 7,026 | 7,968 | 9,701 | 13,850 | 18,936 | 24,384 | 28,261 | 4.0 |
| % population | 0.7% | 0.7% | 0.8% | 1.1% | 1.4% | 1.8% | 2.0% | |
| % share | 10.8% | 11.2% | 11.7% | 12.6% | 12.7% | 12.5% | 12.4% | |
| Increase over previous period | | 13.4% | 21.7% | 42.8% | 36.7% | 28.8% | 15.9% | |
| **Total Metropolitan** | 42,186 | 46,261 | 53,849 | 71,103 | 96,598 | 126,106 | 147,388 | 3.5 |
| % population | 0.9% | 1.0% | 1.1% | 1.3% | 1.7% | 2.2% | 2.5% | |
| % share | 65.0% | 64.8% | 64.7% | 64.5% | 64.6% | 64.7% | 64.9% | |
| Increase over previous period | | 9.7% | 16.4% | 32.0% | 35.9% | 30.5% | 16.9% | |
| **Total Regional** | 22,741 | 25,097 | 29,350 | 39,205 | 52,882 | 68,692 | 79,856 | 3.5 |
| % population | 1.1% | 1.2% | 1.4% | 1.8% | 2.2% | 2.8% | 3.2% | |
| % share | 35.0% | 35.2% | 35.3% | 35.5% | 35.4% | 35.3% | 35.1% | |
| Increase over previous period | | 10.4% | 16.9% | 33.6% | 34.9% | 29.9% | 16.3% | |
| **Total New South Wales** | **64,927** | **71,358** | **83,199** | **110,308** | **149,480** | **194,798** | **227,243** | **3.5** |
| % population | 1.0% | 1.0% | 1.2% | 1.5% | 1.9% | 2.4% | 2.7% | |
| % share | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |
| Increase over previous period | | 9.9% | 16.6% | 32.6% | 35.5% | 30.3% | 16.7% | |

* *2000-50* is the prevalence in 2050 divided by the prevalence in 2002 (ie the factor of growth over the period).

FIGURE 6 DEMENTIA PREVALENCE, METROPOLITAN NSW, SELECTED YEARS

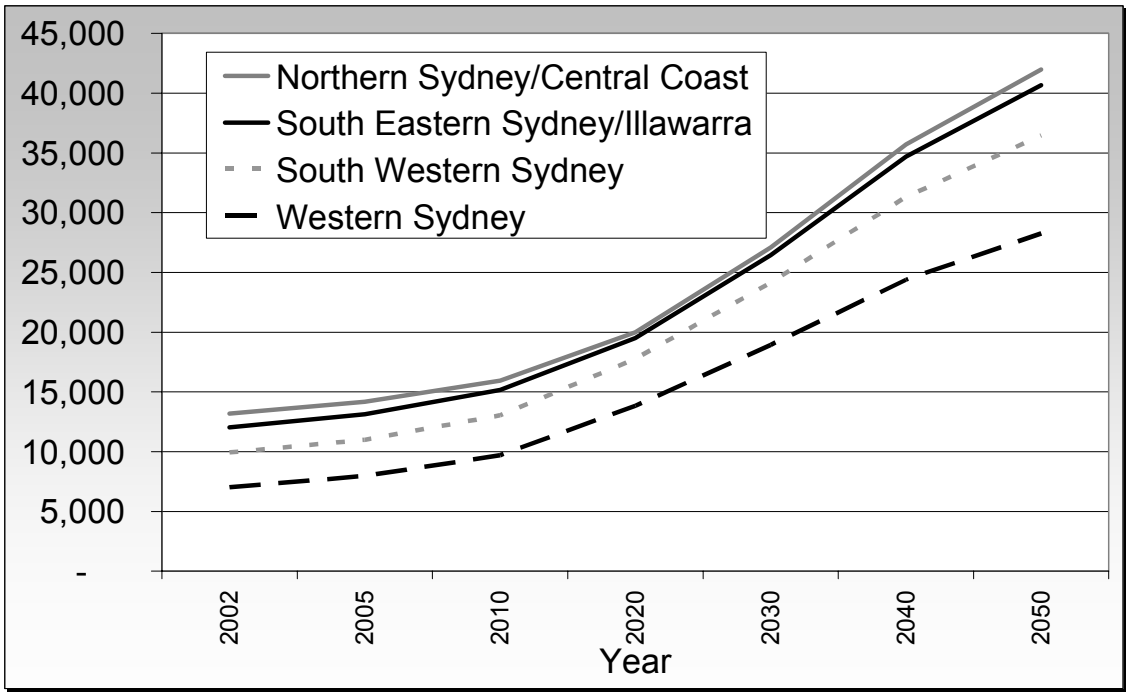



FIGURE 7 DEMENTIA PREVALENCE, REGIONAL NSW, SELECTED YEARS

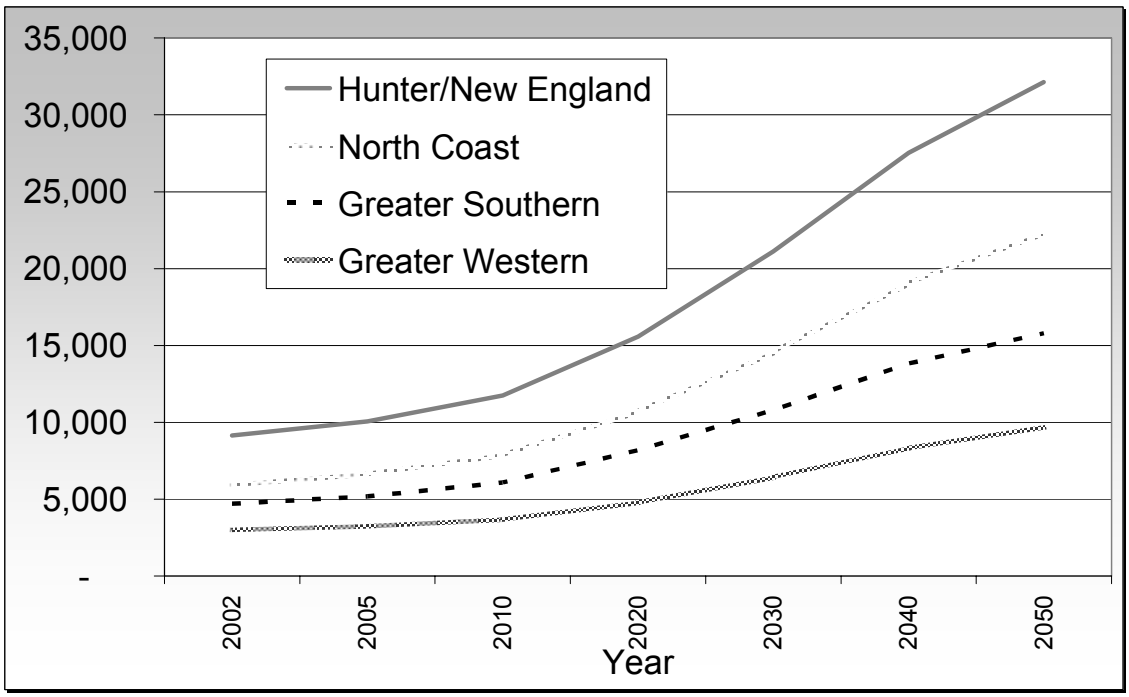


FIGURE 8 DEMENTIA PREVALENCE (% POPULATION), NSW REGIONS, 2002-2050

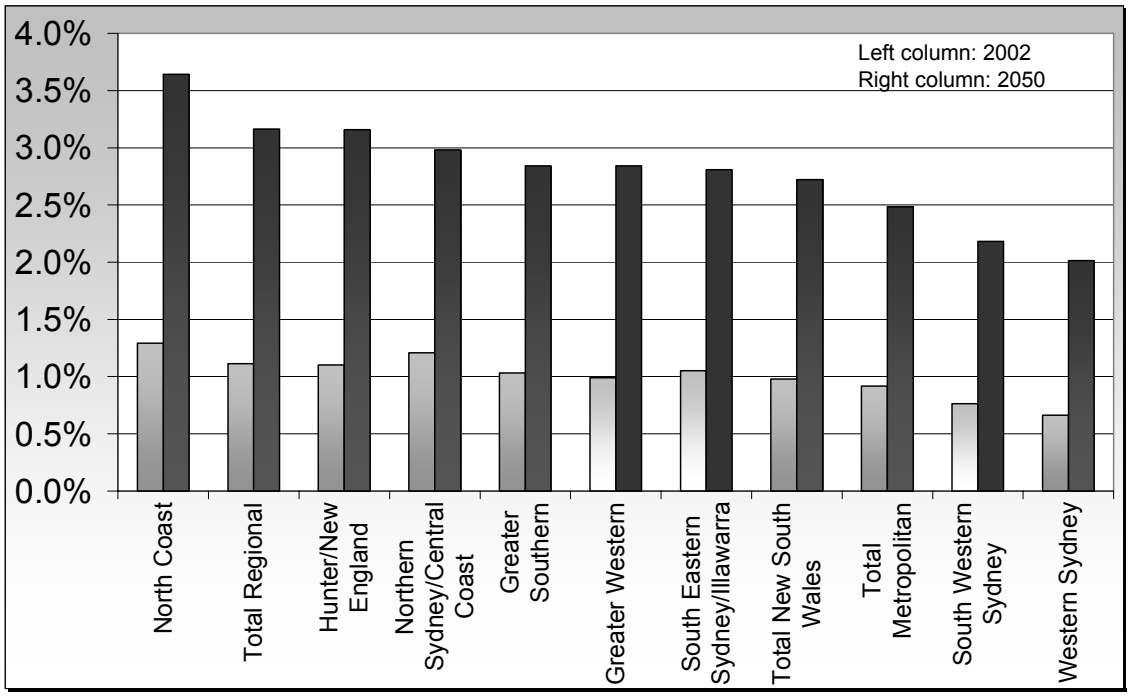
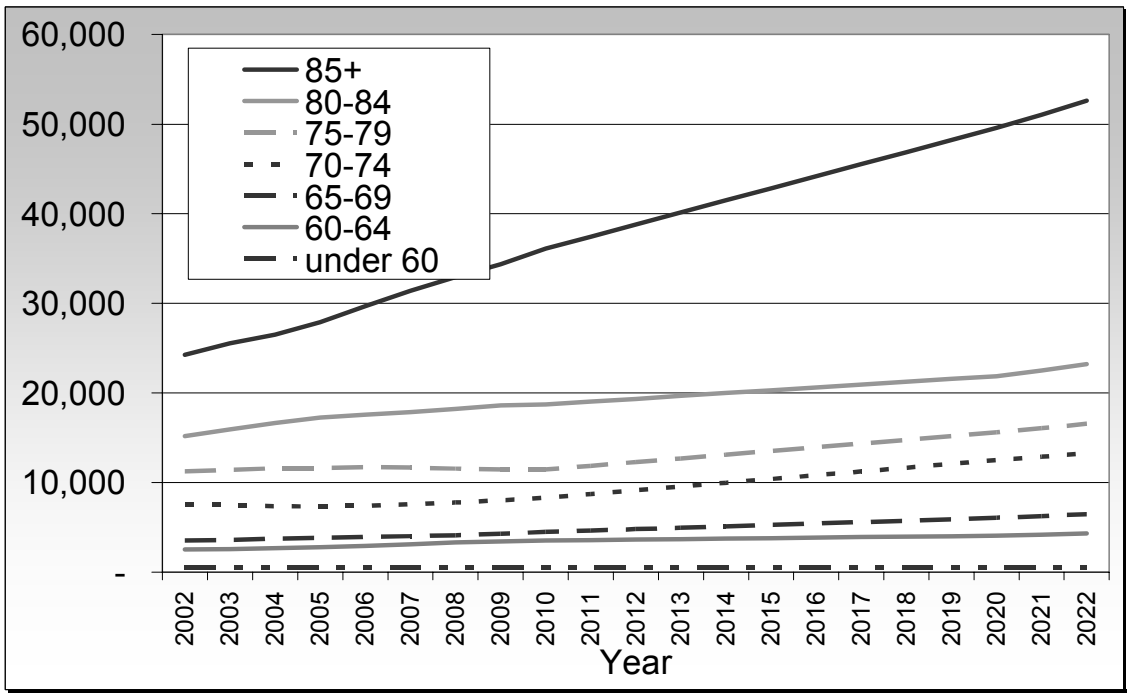



FIGURE 9 DEMENTIA PREVALENCE, NSW, BY AGE GROUP, 2002-2022



## TABLE 8 DEMENTIA PREVALENCE BY AGE & GENDER, GREATER SOUTHERN AHS, 2002-2050

| Greater Southern | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Male | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2030 | 2040 | 2050 |
| 0-59 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 |
| 60-64 | 132 | 135 | 139 | 144 | 148 | 157 | 166 | 171 | 176 | 182 | 182 | 185 | 188 | 191 | 193 | 196 | 200 | 204 | 207 | 210 | 212 | 204 | 206 | 221 |
| 65-69 | 161 | 169 | 175 | 182 | 185 | 188 | 192 | 198 | 205 | 212 | 227 | 240 | 249 | 257 | 266 | 266 | 269 | 273 | 275 | 279 | 283 | 311 | 322 | 326 |
| 70-74 | 293 | 293 | 289 | 290 | 294 | 304 | 317 | 329 | 342 | 351 | 360 | 370 | 383 | 400 | 414 | 441 | 467 | 484 | 498 | 514 | 514 | 562 | 588 | 599 |
| 75-79 | 358 | 369 | 384 | 393 | 400 | 401 | 397 | 393 | 395 | 404 | 423 | 444 | 466 | 486 | 499 | 511 | 525 | 544 | 567 | 589 | 629 | 739 | 874 | 919 |
| 80-84 | 410 | 439 | 465 | 493 | 508 | 527 | 545 | 569 | 583 | 600 | 608 | 607 | 606 | 615 | 630 | 660 | 692 | 723 | 754 | 777 | 801 | 1,156 | 1,372 | 1,473 |
| 85+ | 495 | 510 | 528 | 555 | 593 | 636 | 679 | 714 | 760 | 803 | 853 | 904 | 957 | 1,001 | 1,045 | 1,076 | 1,100 | 1,121 | 1,147 | 1,187 | 1,240 | 1,665 | 2,509 | 3,193 |
| TOTAL M | 1,868 | 1,934 | 2,000 | 2,075 | 2,146 | 2,232 | 2,314 | 2,394 | 2,480 | 2,570 | 2,672 | 2,769 | 2,869 | 2,970 | 3,067 | 3,170 | 3,270 | 3,367 | 3,466 | 3,574 | 3,698 | 4,656 | 5,888 | 6,747 |
| % of M Pop'n | 0.82% | 0.84% | 0.86% | 0.89% | 0.91% | 0.94% | 0.97% | 1.00% | 1.03% | 1.07% | 1.10% | 1.14% | 1.17% | 1.21% | 1.24% | 1.28% | 1.32% | 1.35% | 1.38% | 1.42% | 1.47% | 1.76% | 2.15% | 2.43% |
| Female | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 |
| 60-64 | 66 | 68 | 70 | 73 | 75 | 79 | 83 | 86 | 88 | 91 | 92 | 94 | 96 | 98 | 100 | 101 | 104 | 106 | 108 | 110 | 112 | 106 | 106 | 112 |
| 65-69 | 117 | 123 | 127 | 130 | 133 | 136 | 139 | 144 | 149 | 154 | 165 | 174 | 180 | 187 | 193 | 193 | 197 | 200 | 204 | 207 | 210 | 227 | 234 | 233 |
| 70-74 | 288 | 288 | 287 | 290 | 293 | 299 | 310 | 320 | 329 | 338 | 347 | 357 | 371 | 387 | 400 | 428 | 449 | 464 | 478 | 494 | 495 | 543 | 554 | 555 |
| 75-79 | 464 | 475 | 484 | 486 | 491 | 492 | 489 | 487 | 492 | 499 | 513 | 534 | 554 | 572 | 588 | 602 | 619 | 642 | 668 | 691 | 739 | 889 | 1,021 | 1,061 |
| 80-84 | 645 | 677 | 709 | 737 | 753 | 765 | 779 | 794 | 799 | 811 | 821 | 823 | 827 | 839 | 851 | 872 | 905 | 939 | 964 | 994 | 1,019 | 1,442 | 1,710 | 1,769 |
| 85+ | 1,233 | 1,279 | 1,319 | 1,376 | 1,446 | 1,518 | 1,581 | 1,647 | 1,726 | 1,802 | 1,872 | 1,943 | 2,013 | 2,073 | 2,131 | 2,175 | 2,209 | 2,243 | 2,283 | 2,335 | 2,390 | 2,910 | 4,280 | 5,293 |
| TOTAL F | 2,831 | 2,928 | 3,014 | 3,112 | 3,208 | 3,307 | 3,399 | 3,495 | 3,601 | 3,715 | 3,827 | 3,942 | 4,059 | 4,174 | 4,281 | 4,390 | 4,501 | 4,612 | 4,723 | 4,849 | 4,983 | 6,133 | 7,921 | 9,040 |
| % of F Pop'n | 1.25% | 1.28% | 1.31% | 1.35% | 1.38% | 1.41% | 1.44% | 1.48% | 1.51% | 1.55% | 1.59% | 1.63% | 1.67% | 1.71% | 1.74% | 1.78% | 1.82% | 1.85% | 1.89% | 1.93% | 1.98% | 2.32% | 2.90% | 3.26% |
| Persons | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 36 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 36 | 35 | 35 | 34 |
| 60-64 | 198 | 203 | 209 | 217 | 223 | 236 | 248 | 257 | 264 | 273 | 274 | 279 | 284 | 289 | 293 | 298 | 303 | 310 | 314 | 320 | 324 | 310 | 312 | 333 |
| 65-69 | 278 | 291 | 302 | 312 | 318 | 324 | 331 | 342 | 355 | 367 | 392 | 414 | 429 | 444 | 458 | 459 | 465 | 472 | 479 | 486 | 493 | 538 | 556 | 559 |
| 70-74 | 581 | 581 | 576 | 580 | 587 | 603 | 627 | 649 | 671 | 689 | 707 | 727 | 754 | 787 | 814 | 869 | 916 | 948 | 976 | 1,008 | 1,010 | 1,105 | 1,142 | 1,154 |
| 75-79 | 822 | 844 | 868 | 879 | 891 | 893 | 886 | 880 | 887 | 904 | 936 | 978 | 1,020 | 1,058 | 1,087 | 1,114 | 1,144 | 1,186 | 1,235 | 1,280 | 1,369 | 1,628 | 1,894 | 1,979 |
| 80-84 | 1,056 | 1,116 | 1,174 | 1,230 | 1,261 | 1,291 | 1,324 | 1,363 | 1,382 | 1,411 | 1,428 | 1,430 | 1,433 | 1,454 | 1,481 | 1,532 | 1,597 | 1,662 | 1,718 | 1,771 | 1,821 | 2,598 | 3,082 | 3,242 |
| 85+ | 1,728 | 1,789 | 1,847 | 1,931 | 2,038 | 2,154 | 2,260 | 2,362 | 2,485 | 2,604 | 2,724 | 2,847 | 2,970 | 3,074 | 3,176 | 3,251 | 3,309 | 3,364 | 3,430 | 3,522 | 3,630 | 4,575 | 6,788 | 8,486 |
| TOTAL P | 4,699 | 4,861 | 5,014 | 5,186 | 5,355 | 5,539 | 5,713 | 5,889 | 6,081 | 6,285 | 6,499 | 6,711 | 6,928 | 7,144 | 7,347 | 7,560 | 7,771 | 7,979 | 8,190 | 8,423 | 8,682 | 10,789 | 13,809 | 15,788 |
| % of Pop'n | 1.03% | 1.06% | 1.09% | 1.12% | 1.15% | 1.18% | 1.21% | 1.24% | 1.27% | 1.31% | 1.35% | 1.38% | 1.42% | 1.46% | 1.49% | 1.53% | 1.57% | 1.60% | 1.64% | 1.68% | 1.72% | 2.04% | 2.52% | 2.84% |

## TABLE 9 DEMENTIA PREVALENCE BY AGE & GENDER, GREATER WESTERN AHS, 2002-2050

| Greater Western | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Male | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2030 | 2040 | 2050 |
| 0-59 | 13 | 13 | 13 | 13 | 13 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 11 |
| 60-64 | 85 | 86 | 88 | 92 | 94 | 99 | 105 | 108 | 111 | 115 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 123 | 124 | 126 | 127 | 122 | 123 | 132 |
| 65-69 | 101 | 107 | 110 | 113 | 115 | 116 | 117 | 121 | 126 | 130 | 138 | 146 | 152 | 156 | 162 | 161 | 162 | 164 | 164 | 165 | 167 | 183 | 189 | 192 |
| 70-74 | 187 | 184 | 182 | 180 | 180 | 186 | 195 | 201 | 207 | 212 | 217 | 221 | 229 | 240 | 248 | 264 | 279 | 288 | 295 | 306 | 306 | 334 | 349 | 356 |
| 75-79 | 213 | 223 | 234 | 241 | 247 | 249 | 245 | 243 | 242 | 244 | 255 | 269 | 280 | 289 | 297 | 304 | 311 | 321 | 337 | 348 | 371 | 436 | 516 | 542 |
| 80-84 | 242 | 254 | 266 | 276 | 287 | 299 | 315 | 331 | 343 | 355 | 360 | 358 | 358 | 361 | 367 | 384 | 405 | 423 | 435 | 446 | 458 | 661 | 784 | 842 |
| 85+ | 302 | 308 | 317 | 333 | 354 | 372 | 387 | 402 | 425 | 452 | 478 | 506 | 531 | 553 | 577 | 594 | 603 | 614 | 625 | 647 | 676 | 908 | 1,368 | 1,741 |
| TOTAL M | 1,142 | 1,174 | 1,209 | 1,247 | 1,289 | 1,334 | 1,376 | 1,418 | 1,465 | 1,520 | 1,574 | 1,627 | 1,678 | 1,729 | 1,781 | 1,839 | 1,892 | 1,944 | 1,992 | 2,050 | 2,116 | 2,656 | 3,341 | 3,816 |
| % of M Pop'n | 0.75% | 0.77% | 0.79% | 0.82% | 0.84% | 0.87% | 0.90% | 0.92% | 0.95% | 0.99% | 1.02% | 1.06% | 1.09% | 1.12% | 1.16% | 1.19% | 1.23% | 1.26% | 1.29% | 1.33% | 1.38% | 1.65% | 2.01% | 2.27% |
| Female | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 10 |
| 60-64 | 42 | 43 | 44 | 46 | 47 | 49 | 51 | 53 | 54 | 56 | 56 | 57 | 58 | 59 | 59 | 60 | 62 | 63 | 64 | 65 | 65 | 63 | 63 | 68 |
| 65-69 | 75 | 78 | 80 | 82 | 83 | 85 | 87 | 90 | 92 | 95 | 101 | 106 | 110 | 113 | 117 | 116 | 117 | 118 | 120 | 121 | 123 | 135 | 140 | 142 |
| 70-74 | 181 | 182 | 180 | 182 | 185 | 189 | 194 | 199 | 204 | 208 | 214 | 220 | 228 | 236 | 243 | 258 | 270 | 278 | 285 | 294 | 291 | 318 | 333 | 339 |
| 75-79 | 287 | 297 | 303 | 300 | 304 | 307 | 304 | 302 | 306 | 312 | 321 | 332 | 343 | 353 | 360 | 368 | 379 | 392 | 404 | 415 | 442 | 519 | 613 | 645 |
| 80-84 | 419 | 421 | 436 | 446 | 453 | 463 | 478 | 488 | 483 | 492 | 498 | 497 | 497 | 506 | 517 | 532 | 549 | 566 | 582 | 593 | 608 | 877 | 1,041 | 1,117 |
| 85+ | 830 | 860 | 878 | 905 | 933 | 957 | 980 | 1,012 | 1,050 | 1,084 | 1,122 | 1,161 | 1,196 | 1,214 | 1,246 | 1,270 | 1,282 | 1,294 | 1,305 | 1,339 | 1,373 | 1,843 | 2,777 | 3,535 |
| TOTAL F | 1,845 | 1,892 | 1,933 | 1,974 | 2,017 | 2,062 | 2,107 | 2,154 | 2,201 | 2,259 | 2,322 | 2,385 | 2,442 | 2,493 | 2,554 | 2,615 | 2,669 | 2,723 | 2,771 | 2,838 | 2,912 | 3,766 | 4,977 | 5,855 |
| % of F Pop'n | 1.23% | 1.26% | 1.29% | 1.31% | 1.34% | 1.36% | 1.39% | 1.42% | 1.45% | 1.49% | 1.53% | 1.57% | 1.60% | 1.64% | 1.68% | 1.72% | 1.75% | 1.78% | 1.82% | 1.86% | 1.91% | 2.34% | 2.96% | 3.41% |
| Persons | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 24 | 25 | 25 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 21 |
| 60-64 | 126 | 129 | 132 | 137 | 141 | 149 | 156 | 161 | 165 | 171 | 171 | 172 | 175 | 177 | 178 | 180 | 183 | 186 | 188 | 190 | 192 | 185 | 187 | 200 |
| 65-69 | 176 | 184 | 189 | 194 | 198 | 201 | 204 | 210 | 218 | 225 | 239 | 252 | 261 | 269 | 278 | 277 | 279 | 282 | 284 | 286 | 290 | 318 | 329 | 334 |
| 70-74 | 368 | 366 | 362 | 362 | 365 | 375 | 388 | 400 | 410 | 420 | 431 | 441 | 457 | 476 | 491 | 522 | 548 | 566 | 580 | 600 | 597 | 652 | 683 | 695 |
| 75-79 | 500 | 520 | 537 | 541 | 551 | 555 | 549 | 545 | 548 | 556 | 576 | 601 | 622 | 642 | 657 | 672 | 690 | 714 | 741 | 763 | 813 | 955 | 1,129 | 1,187 |
| 80-84 | 661 | 676 | 702 | 723 | 740 | 762 | 794 | 818 | 826 | 847 | 857 | 854 | 855 | 867 | 884 | 915 | 954 | 989 | 1,017 | 1,040 | 1,066 | 1,538 | 1,825 | 1,959 |
| 85+ | 1,132 | 1,168 | 1,195 | 1,238 | 1,288 | 1,329 | 1,367 | 1,414 | 1,474 | 1,537 | 1,599 | 1,667 | 1,726 | 1,767 | 1,823 | 1,864 | 1,885 | 1,908 | 1,930 | 1,986 | 2,049 | 2,751 | 4,145 | 5,276 |
| TOTAL P | 2,987 | 3,067 | 3,142 | 3,220 | 3,306 | 3,395 | 3,483 | 3,572 | 3,666 | 3,779 | 3,897 | 4,012 | 4,120 | 4,222 | 4,336 | 4,454 | 4,561 | 4,667 | 4,762 | 4,888 | 5,029 | 6,421 | 8,319 | 9,671 |
| % of Pop'n | 0.99% | 1.01% | 1.04% | 1.06% | 1.09% | 1.12% | 1.14% | 1.17% | 1.20% | 1.24% | 1.27% | 1.31% | 1.35% | 1.38% | 1.41% | 1.45% | 1.49% | 1.52% | 1.55% | 1.60% | 1.64% | 2.00% | 2.49% | 2.84% |

## TABLE 10 DEMENTIA PREVALENCE BY AGE & GENDER, HUNTER/NEW ENGLAND AHS, 2002-2050

| Hunter/New England | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Male | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2030 | 2040 | 2050 |
| 0-59 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 32 | 31 | 31 |
| 60-64 | 228 | 235 | 246 | 259 | 270 | 286 | 302 | 311 | 319 | 328 | 329 | 332 | 337 | 342 | 347 | 352 | 358 | 364 | 368 | 373 | 376 | 363 | 366 | 391 |
| 65-69 | 287 | 297 | 307 | 317 | 323 | 332 | 341 | 356 | 373 | 391 | 417 | 442 | 458 | 471 | 484 | 483 | 487 | 492 | 498 | 505 | 512 | 562 | 581 | 590 |
| 70-74 | 531 | 527 | 526 | 527 | 533 | 552 | 568 | 588 | 608 | 625 | 645 | 667 | 700 | 738 | 771 | 820 | 869 | 897 | 920 | 943 | 943 | 1,030 | 1,078 | 1,097 |
| 75-79 | 681 | 701 | 716 | 722 | 730 | 734 | 728 | 727 | 730 | 746 | 779 | 810 | 843 | 877 | 901 | 933 | 962 | 1,009 | 1,059 | 1,107 | 1,183 | 1,389 | 1,642 | 1,727 |
| 80-84 | 807 | 870 | 921 | 962 | 1,000 | 1,023 | 1,056 | 1,079 | 1,093 | 1,113 | 1,130 | 1,133 | 1,140 | 1,152 | 1,183 | 1,237 | 1,286 | 1,338 | 1,388 | 1,431 | 1,483 | 2,139 | 2,539 | 2,725 |
| 85+ | 956 | 979 | 1,025 | 1,096 | 1,182 | 1,269 | 1,354 | 1,435 | 1,522 | 1,616 | 1,695 | 1,790 | 1,873 | 1,946 | 2,019 | 2,075 | 2,122 | 2,167 | 2,209 | 2,289 | 2,387 | 3,205 | 4,829 | 6,147 |
| TOTAL M | 3,524 | 3,644 | 3,775 | 3,917 | 4,071 | 4,229 | 4,383 | 4,529 | 4,679 | 4,851 | 5,028 | 5,207 | 5,384 | 5,560 | 5,739 | 5,934 | 6,117 | 6,299 | 6,475 | 6,680 | 6,916 | 8,720 | 11,067 | 12,708 |
| % of M Pop'n | 0.86% | 0.88% | 0.91% | 0.93% | 0.97% | 1.00% | 1.03% | 1.06% | 1.09% | 1.12% | 1.16% | 1.20% | 1.23% | 1.27% | 1.30% | 1.34% | 1.38% | 1.42% | 1.45% | 1.49% | 1.54% | 1.85% | 2.27% | 2.56% |
| Female | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 32 | 32 | 32 | 32 | 31 | 31 | 30 |
| 60-64 | 119 | 122 | 127 | 133 | 138 | 148 | 156 | 161 | 167 | 172 | 174 | 177 | 180 | 183 | 185 | 188 | 191 | 195 | 198 | 201 | 203 | 196 | 197 | 211 |
| 65-69 | 219 | 227 | 235 | 242 | 247 | 251 | 257 | 266 | 278 | 291 | 312 | 330 | 343 | 356 | 367 | 369 | 375 | 379 | 384 | 388 | 393 | 432 | 447 | 453 |
| 70-74 | 560 | 555 | 549 | 549 | 549 | 563 | 580 | 600 | 618 | 633 | 649 | 667 | 695 | 727 | 760 | 812 | 856 | 888 | 918 | 945 | 951 | 1,039 | 1,087 | 1,106 |
| 75-79 | 918 | 944 | 962 | 960 | 965 | 960 | 945 | 935 | 937 | 945 | 976 | 1,011 | 1,053 | 1,087 | 1,114 | 1,137 | 1,166 | 1,212 | 1,264 | 1,321 | 1,412 | 1,659 | 1,961 | 2,062 |
| 80-84 | 1,322 | 1,376 | 1,428 | 1,483 | 1,502 | 1,526 | 1,564 | 1,596 | 1,599 | 1,620 | 1,624 | 1,614 | 1,605 | 1,619 | 1,635 | 1,686 | 1,745 | 1,808 | 1,861 | 1,906 | 1,948 | 2,811 | 3,336 | 3,581 |
| 85+ | 2,448 | 2,554 | 2,640 | 2,748 | 2,895 | 3,032 | 3,163 | 3,284 | 3,432 | 3,578 | 3,719 | 3,875 | 4,008 | 4,117 | 4,221 | 4,287 | 4,348 | 4,396 | 4,449 | 4,535 | 4,650 | 6,243 | 9,407 | 11,973 |
| TOTAL F | 5,617 | 5,811 | 5,975 | 6,147 | 6,331 | 6,513 | 6,698 | 6,875 | 7,064 | 7,272 | 7,486 | 7,706 | 7,916 | 8,122 | 8,315 | 8,513 | 8,714 | 8,911 | 9,105 | 9,328 | 9,589 | 12,411 | 16,466 | 19,417 |
| % of F Pop'n | 1.35% | 1.38% | 1.41% | 1.45% | 1.48% | 1.52% | 1.55% | 1.58% | 1.62% | 1.66% | 1.70% | 1.74% | 1.78% | 1.82% | 1.86% | 1.90% | 1.93% | 1.97% | 2.01% | 2.05% | 2.10% | 2.57% | 3.25% | 3.73% |
| Persons | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 66 | 67 | 67 | 67 | 67 | 67 | 67 | 66 | 66 | 66 | 66 | 67 | 67 | 67 | 66 | 66 | 66 | 66 | 65 | 65 | 65 | 63 | 62 | 61 |
| 60-64 | 347 | 358 | 374 | 392 | 408 | 434 | 458 | 472 | 486 | 500 | 502 | 509 | 517 | 525 | 533 | 540 | 549 | 559 | 566 | 573 | 579 | 558 | 563 | 602 |
| 65-69 | 505 | 524 | 542 | 559 | 571 | 583 | 598 | 622 | 651 | 681 | 728 | 772 | 801 | 828 | 851 | 852 | 861 | 872 | 882 | 893 | 905 | 994 | 1,029 | 1,043 |
| 70-74 | 1,090 | 1,082 | 1,075 | 1,076 | 1,082 | 1,116 | 1,148 | 1,188 | 1,226 | 1,258 | 1,294 | 1,333 | 1,394 | 1,465 | 1,531 | 1,633 | 1,725 | 1,785 | 1,837 | 1,889 | 1,894 | 2,069 | 2,165 | 2,203 |
| 75-79 | 1,599 | 1,645 | 1,678 | 1,682 | 1,695 | 1,693 | 1,674 | 1,661 | 1,667 | 1,691 | 1,755 | 1,821 | 1,895 | 1,964 | 2,015 | 2,070 | 2,128 | 2,220 | 2,323 | 2,428 | 2,595 | 3,048 | 3,603 | 3,789 |
| 80-84 | 2,128 | 2,246 | 2,349 | 2,445 | 2,502 | 2,549 | 2,620 | 2,675 | 2,692 | 2,733 | 2,754 | 2,747 | 2,746 | 2,771 | 2,818 | 2,923 | 3,031 | 3,146 | 3,249 | 3,337 | 3,431 | 4,950 | 5,876 | 6,306 |
| 85+ | 3,404 | 3,533 | 3,666 | 3,844 | 4,077 | 4,300 | 4,517 | 4,719 | 4,955 | 5,194 | 5,414 | 5,665 | 5,881 | 6,062 | 6,240 | 6,363 | 6,470 | 6,563 | 6,659 | 6,823 | 7,037 | 9,449 | 14,236 | 18,120 |
| TOTAL P | 9,140 | 9,455 | 9,751 | 10,064 | 10,402 | 10,743 | 11,081 | 11,404 | 11,743 | 12,123 | 12,514 | 12,913 | 13,301 | 13,682 | 14,053 | 14,447 | 14,831 | 15,210 | 15,580 | 16,009 | 16,505 | 21,131 | 27,533 | 32,125 |
| % of Pop'n | 1.10% | 1.13% | 1.16% | 1.19% | 1.23% | 1.26% | 1.29% | 1.32% | 1.36% | 1.39% | 1.43% | 1.47% | 1.51% | 1.55% | 1.58% | 1.62% | 1.66% | 1.70% | 1.73% | 1.77% | 1.82% | 2.21% | 2.77% | 3.16% |

## TABLE 11 DEMENTIA PREVALENCE BY AGE & GENDER, NORTH COAST AHS, 2002-2050

| North Coast | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Male | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2030 | 2040 | 2050 |
| 0-59 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 |
| 60-64 | 135 | 138 | 143 | 150 | 158 | 168 | 179 | 188 | 196 | 205 | 209 | 214 | 217 | 221 | 224 | 227 | 230 | 235 | 238 | 240 | 242 | 234 | 235 | 252 |
| 65-69 | 181 | 186 | 193 | 199 | 202 | 207 | 211 | 219 | 229 | 241 | 258 | 276 | 289 | 303 | 315 | 319 | 325 | 329 | 332 | 336 | 341 | 375 | 388 | 393 |
| 70-74 | 359 | 360 | 355 | 355 | 355 | 362 | 372 | 384 | 396 | 406 | 419 | 430 | 450 | 473 | 497 | 530 | 563 | 588 | 611 | 633 | 640 | 699 | 732 | 745 |
| 75-79 | 475 | 489 | 504 | 504 | 509 | 513 | 513 | 507 | 510 | 515 | 531 | 550 | 572 | 595 | 611 | 630 | 647 | 674 | 708 | 744 | 794 | 932 | 1,102 | 1,159 |
| 80-84 | 592 | 615 | 644 | 674 | 694 | 711 | 735 | 760 | 766 | 783 | 795 | 802 | 801 | 810 | 823 | 851 | 884 | 920 | 953 | 979 | 1,012 | 1,460 | 1,733 | 1,860 |
| 85+ | 660 | 718 | 761 | 817 | 885 | 944 | 1,005 | 1,061 | 1,129 | 1,199 | 1,262 | 1,333 | 1,401 | 1,453 | 1,511 | 1,553 | 1,596 | 1,629 | 1,660 | 1,711 | 1,773 | 2,381 | 3,587 | 4,566 |
| TOTAL M | 2,421 | 2,524 | 2,617 | 2,717 | 2,821 | 2,924 | 3,033 | 3,137 | 3,245 | 3,367 | 3,492 | 3,623 | 3,749 | 3,873 | 3,999 | 4,128 | 4,263 | 4,393 | 4,519 | 4,661 | 4,820 | 6,098 | 7,794 | 8,991 |
| % of M Pop'n | 1.07% | 1.11% | 1.14% | 1.17% | 1.20% | 1.24% | 1.27% | 1.31% | 1.34% | 1.38% | 1.42% | 1.47% | 1.51% | 1.55% | 1.59% | 1.63% | 1.67% | 1.71% | 1.75% | 1.79% | 1.84% | 2.20% | 2.70% | 3.04% |
| Female | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 17 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 |
| 60-64 | 72 | 74 | 77 | 80 | 84 | 89 | 95 | 99 | 103 | 107 | 109 | 112 | 116 | 119 | 122 | 124 | 127 | 130 | 132 | 134 | 136 | 131 | 132 | 142 |
| 65-69 | 142 | 147 | 152 | 155 | 157 | 160 | 163 | 169 | 176 | 184 | 197 | 209 | 219 | 228 | 237 | 241 | 246 | 252 | 257 | 262 | 267 | 293 | 304 | 308 |
| 70-74 | 358 | 360 | 358 | 361 | 363 | 373 | 384 | 396 | 405 | 414 | 424 | 435 | 454 | 475 | 495 | 528 | 558 | 581 | 602 | 624 | 632 | 691 | 723 | 735 |
| 75-79 | 592 | 604 | 616 | 622 | 626 | 629 | 627 | 624 | 630 | 637 | 659 | 684 | 708 | 728 | 745 | 761 | 780 | 810 | 844 | 879 | 938 | 1,102 | 1,303 | 1,370 |
| 80-84 | 828 | 869 | 901 | 932 | 959 | 976 | 993 | 1,012 | 1,025 | 1,040 | 1,050 | 1,052 | 1,051 | 1,068 | 1,083 | 1,119 | 1,159 | 1,200 | 1,229 | 1,258 | 1,288 | 1,858 | 2,205 | 2,367 |
| 85+ | 1,483 | 1,567 | 1,651 | 1,742 | 1,855 | 1,959 | 2,061 | 2,154 | 2,258 | 2,377 | 2,480 | 2,583 | 2,679 | 2,766 | 2,858 | 2,921 | 2,971 | 3,012 | 3,071 | 3,148 | 3,239 | 4,350 | 6,554 | 8,342 |
| TOTAL F | 3,493 | 3,639 | 3,773 | 3,910 | 4,063 | 4,205 | 4,341 | 4,472 | 4,615 | 4,778 | 4,938 | 5,093 | 5,245 | 5,403 | 5,558 | 5,712 | 5,860 | 6,003 | 6,154 | 6,325 | 6,519 | 8,443 | 11,238 | 13,281 |
| % of F Pop'n | 1.50% | 1.55% | 1.59% | 1.63% | 1.68% | 1.72% | 1.76% | 1.80% | 1.84% | 1.89% | 1.94% | 1.99% | 2.03% | 2.08% | 2.12% | 2.17% | 2.21% | 2.25% | 2.29% | 2.34% | 2.40% | 2.91% | 3.67% | 4.20% |
| Persons | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 35 | 35 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 37 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 35 | 34 | 34 |
| 60-64 | 207 | 212 | 220 | 230 | 241 | 258 | 274 | 286 | 299 | 312 | 318 | 326 | 333 | 340 | 346 | 352 | 358 | 365 | 370 | 374 | 379 | 365 | 368 | 394 |
| 65-69 | 323 | 334 | 345 | 354 | 360 | 367 | 374 | 388 | 405 | 425 | 456 | 485 | 508 | 531 | 552 | 559 | 570 | 581 | 590 | 599 | 609 | 668 | 692 | 701 |
| 70-74 | 717 | 720 | 713 | 716 | 718 | 736 | 756 | 780 | 802 | 820 | 843 | 866 | 903 | 948 | 992 | 1,058 | 1,121 | 1,169 | 1,213 | 1,257 | 1,272 | 1,390 | 1,454 | 1,480 |
| 75-79 | 1,068 | 1,094 | 1,120 | 1,126 | 1,135 | 1,142 | 1,140 | 1,131 | 1,140 | 1,152 | 1,190 | 1,233 | 1,280 | 1,323 | 1,356 | 1,391 | 1,427 | 1,484 | 1,552 | 1,623 | 1,732 | 2,035 | 2,405 | 2,529 |
| 80-84 | 1,421 | 1,484 | 1,545 | 1,606 | 1,653 | 1,687 | 1,729 | 1,773 | 1,791 | 1,823 | 1,845 | 1,854 | 1,853 | 1,878 | 1,906 | 1,970 | 2,043 | 2,120 | 2,182 | 2,238 | 2,299 | 3,318 | 3,938 | 4,227 |
| 85+ | 2,143 | 2,285 | 2,412 | 2,559 | 2,740 | 2,904 | 3,066 | 3,215 | 3,387 | 3,576 | 3,742 | 3,916 | 4,080 | 4,219 | 4,369 | 4,474 | 4,567 | 4,641 | 4,731 | 4,859 | 5,012 | 6,731 | 10,141 | 12,908 |
| TOTAL P | 5,915 | 6,163 | 6,389 | 6,627 | 6,884 | 7,130 | 7,374 | 7,609 | 7,860 | 8,145 | 8,430 | 8,716 | 8,994 | 9,276 | 9,557 | 9,840 | 10,122 | 10,396 | 10,672 | 10,986 | 11,339 | 14,541 | 19,031 | 22,272 |
| % of Pop'n | 1.29% | 1.33% | 1.37% | 1.40% | 1.45% | 1.48% | 1.52% | 1.56% | 1.60% | 1.64% | 1.69% | 1.73% | 1.77% | 1.82% | 1.86% | 1.90% | 1.94% | 1.98% | 2.02% | 2.07% | 2.13% | 2.57% | 3.20% | 3.64% |

## TABLE 12 DEMENTIA PREVALENCE BY AGE & GENDER, NORTHERN SYDNEY/CENTRAL COAST AHS, 2002-2050

| Northern Sydney/Central Coast | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Male | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2030 | 2040 | 2050 |
| 0-59 | 44 | 44 | 45 | 45 | 45 | 45 | 45 | 46 | 46 | 46 | 47 | 47 | 47 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 49 | 47 | 47 | 46 |
| 60-64 | 273 | 281 | 294 | 307 | 320 | 341 | 360 | 369 | 378 | 386 | 382 | 384 | 388 | 393 | 398 | 404 | 412 | 421 | 429 | 440 | 452 | 436 | 439 | 470 |
| 65-69 | 320 | 325 | 336 | 349 | 359 | 370 | 381 | 399 | 417 | 438 | 470 | 499 | 515 | 531 | 542 | 536 | 537 | 542 | 546 | 553 | 562 | 618 | 639 | 648 |
| 70-74 | 621 | 613 | 599 | 590 | 589 | 600 | 612 | 633 | 660 | 683 | 709 | 735 | 775 | 814 | 856 | 916 | 972 | 1,002 | 1,030 | 1,051 | 1,043 | 1,139 | 1,192 | 1,213 |
| 75-79 | 854 | 865 | 882 | 886 | 884 | 883 | 873 | 858 | 850 | 857 | 882 | 910 | 948 | 995 | 1,030 | 1,069 | 1,107 | 1,163 | 1,219 | 1,282 | 1,376 | 1,616 | 1,910 | 2,009 |
| 80-84 | 1,152 | 1,220 | 1,274 | 1,315 | 1,339 | 1,346 | 1,366 | 1,400 | 1,417 | 1,430 | 1,442 | 1,440 | 1,433 | 1,432 | 1,452 | 1,497 | 1,548 | 1,614 | 1,689 | 1,750 | 1,819 | 2,624 | 3,115 | 3,343 |
| 85+ | 1,454 | 1,529 | 1,582 | 1,682 | 1,811 | 1,936 | 2,049 | 2,144 | 2,259 | 2,380 | 2,484 | 2,595 | 2,709 | 2,811 | 2,897 | 2,964 | 3,020 | 3,071 | 3,117 | 3,203 | 3,309 | 4,443 | 6,694 | 8,521 |
| TOTAL M | 4,717 | 4,877 | 5,012 | 5,174 | 5,348 | 5,521 | 5,686 | 5,849 | 6,027 | 6,220 | 6,415 | 6,611 | 6,816 | 7,024 | 7,222 | 7,435 | 7,644 | 7,861 | 8,078 | 8,328 | 8,609 | 10,924 | 14,037 | 16,250 |
| % of M Pop'n | 0.89% | 0.91% | 0.93% | 0.95% | 0.97% | 0.99% | 1.01% | 1.03% | 1.06% | 1.08% | 1.11% | 1.13% | 1.16% | 1.18% | 1.21% | 1.23% | 1.26% | 1.28% | 1.31% | 1.34% | 1.38% | 1.67% | 2.08% | 2.38% |
| Female | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 44 | 45 | 45 | 45 | 45 | 46 | 46 | 46 | 46 | 46 | 47 | 47 | 47 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 47 | 46 | 45 |
| 60-64 | 145 | 149 | 156 | 164 | 171 | 183 | 194 | 200 | 206 | 212 | 211 | 214 | 216 | 218 | 220 | 222 | 226 | 230 | 234 | 239 | 244 | 235 | 237 | 254 |
| 65-69 | 260 | 264 | 272 | 278 | 284 | 291 | 298 | 310 | 326 | 342 | 369 | 393 | 408 | 423 | 434 | 432 | 435 | 438 | 441 | 445 | 450 | 494 | 511 | 518 |
| 70-74 | 704 | 679 | 663 | 656 | 652 | 659 | 671 | 689 | 707 | 725 | 747 | 771 | 808 | 851 | 892 | 959 | 1,019 | 1,056 | 1,089 | 1,118 | 1,115 | 1,218 | 1,274 | 1,297 |
| 75-79 | 1,248 | 1,255 | 1,251 | 1,232 | 1,228 | 1,207 | 1,170 | 1,144 | 1,135 | 1,137 | 1,158 | 1,188 | 1,230 | 1,266 | 1,299 | 1,336 | 1,375 | 1,436 | 1,506 | 1,579 | 1,699 | 1,996 | 2,359 | 2,481 |
| 80-84 | 2,001 | 2,059 | 2,115 | 2,160 | 2,135 | 2,115 | 2,129 | 2,130 | 2,107 | 2,115 | 2,097 | 2,054 | 2,025 | 2,026 | 2,036 | 2,072 | 2,124 | 2,193 | 2,251 | 2,311 | 2,378 | 3,432 | 4,073 | 4,371 |
| 85+ | 4,076 | 4,224 | 4,324 | 4,452 | 4,687 | 4,903 | 5,071 | 5,221 | 5,387 | 5,547 | 5,703 | 5,877 | 6,009 | 6,106 | 6,217 | 6,262 | 6,289 | 6,304 | 6,334 | 6,428 | 6,518 | 8,752 | 13,186 | 16,785 |
| TOTAL F | 8,478 | 8,676 | 8,826 | 8,988 | 9,202 | 9,403 | 9,578 | 9,741 | 9,914 | 10,125 | 10,332 | 10,543 | 10,742 | 10,938 | 11,144 | 11,331 | 11,516 | 11,706 | 11,903 | 12,169 | 12,452 | 16,174 | 21,688 | 25,752 |
| % of F Pop'n | 1.51% | 1.54% | 1.55% | 1.57% | 1.59% | 1.62% | 1.63% | 1.65% | 1.67% | 1.69% | 1.71% | 1.74% | 1.76% | 1.78% | 1.80% | 1.82% | 1.84% | 1.85% | 1.87% | 1.90% | 1.93% | 2.39% | 3.06% | 3.55% |
| Persons | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 88 | 89 | 89 | 90 | 90 | 91 | 91 | 91 | 92 | 92 | 93 | 94 | 95 | 95 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 94 | 93 | 91 |
| 60-64 | 418 | 430 | 450 | 470 | 491 | 524 | 554 | 569 | 585 | 597 | 594 | 597 | 604 | 611 | 617 | 627 | 638 | 651 | 663 | 679 | 696 | 671 | 676 | 724 |
| 65-69 | 580 | 589 | 608 | 628 | 643 | 661 | 679 | 709 | 743 | 780 | 838 | 892 | 924 | 954 | 976 | 968 | 973 | 980 | 988 | 998 | 1,012 | 1,112 | 1,150 | 1,166 |
| 70-74 | 1,325 | 1,292 | 1,262 | 1,246 | 1,241 | 1,258 | 1,282 | 1,322 | 1,366 | 1,407 | 1,456 | 1,506 | 1,582 | 1,666 | 1,747 | 1,875 | 1,991 | 2,058 | 2,119 | 2,170 | 2,158 | 2,357 | 2,466 | 2,510 |
| 75-79 | 2,102 | 2,120 | 2,133 | 2,119 | 2,112 | 2,089 | 2,043 | 2,002 | 1,986 | 1,995 | 2,041 | 2,098 | 2,178 | 2,261 | 2,329 | 2,405 | 2,482 | 2,598 | 2,725 | 2,861 | 3,075 | 3,612 | 4,270 | 4,490 |
| 80-84 | 3,153 | 3,279 | 3,389 | 3,476 | 3,474 | 3,461 | 3,495 | 3,530 | 3,523 | 3,545 | 3,538 | 3,494 | 3,458 | 3,458 | 3,488 | 3,569 | 3,671 | 3,807 | 3,939 | 4,061 | 4,197 | 6,056 | 7,188 | 7,715 |
| 85+ | 5,530 | 5,753 | 5,906 | 6,133 | 6,498 | 6,840 | 7,120 | 7,366 | 7,646 | 7,928 | 8,186 | 8,472 | 8,719 | 8,917 | 9,114 | 9,227 | 9,309 | 9,375 | 9,451 | 9,631 | 9,827 | 13,195 | 19,881 | 25,305 |
| TOTAL P | 13,195 | 13,553 | 13,838 | 14,162 | 14,550 | 14,924 | 15,264 | 15,590 | 15,941 | 16,344 | 16,747 | 17,154 | 17,559 | 17,962 | 18,366 | 18,766 | 19,160 | 19,566 | 19,981 | 20,496 | 21,061 | 27,097 | 35,724 | 42,002 |
| % of Pop'n | 1.21% | 1.23% | 1.25% | 1.27% | 1.29% | 1.31% | 1.33% | 1.35% | 1.37% | 1.39% | 1.42% | 1.44% | 1.46% | 1.49% | 1.51% | 1.53% | 1.55% | 1.57% | 1.60% | 1.63% | 1.66% | 2.04% | 2.58% | 2.98% |

## TABLE 13 DEMENTIA PREVALENCE BY AGE & GENDER, SOUTH EASTERN SYDNEY/ILLAWARRA AHS, 2002-2050

| South Eastern Sydney/Illawarra | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Male | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2030 | 2040 | 2050 |
| 0-59 | 47 | 48 | 48 | 48 | 49 | 49 | 49 | 49 | 49 | 49 | 50 | 50 | 50 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 50 | 49 | 48 |
| 60-64 | 288 | 295 | 304 | 317 | 328 | 350 | 367 | 379 | 388 | 399 | 397 | 399 | 403 | 409 | 414 | 421 | 429 | 438 | 445 | 456 | 467 | 450 | 453 | 485 |
| 65-69 | 352 | 363 | 372 | 382 | 388 | 396 | 405 | 418 | 436 | 455 | 488 | 516 | 536 | 552 | 566 | 563 | 565 | 570 | 575 | 582 | 592 | 650 | 672 | 682 |
| 70-74 | 655 | 645 | 642 | 636 | 641 | 654 | 673 | 691 | 713 | 731 | 750 | 773 | 804 | 844 | 880 | 944 | 998 | 1,034 | 1,060 | 1,089 | 1,083 | 1,183 | 1,238 | 1,260 |
| 75-79 | 864 | 891 | 913 | 921 | 928 | 923 | 910 | 907 | 903 | 918 | 946 | 983 | 1,018 | 1,058 | 1,086 | 1,114 | 1,149 | 1,196 | 1,252 | 1,308 | 1,405 | 1,650 | 1,951 | 2,051 |
| 80-84 | 1,080 | 1,142 | 1,212 | 1,271 | 1,297 | 1,328 | 1,369 | 1,409 | 1,431 | 1,454 | 1,462 | 1,456 | 1,464 | 1,469 | 1,501 | 1,550 | 1,614 | 1,671 | 1,734 | 1,788 | 1,841 | 2,657 | 3,153 | 3,384 |
| 85+ | 1,285 | 1,351 | 1,399 | 1,493 | 1,627 | 1,744 | 1,847 | 1,954 | 2,078 | 2,199 | 2,319 | 2,443 | 2,566 | 2,676 | 2,772 | 2,837 | 2,890 | 2,962 | 3,019 | 3,120 | 3,223 | 4,328 | 6,520 | 8,300 |
| TOTAL M | 4,571 | 4,734 | 4,889 | 5,068 | 5,257 | 5,443 | 5,620 | 5,806 | 5,999 | 6,205 | 6,413 | 6,621 | 6,841 | 7,059 | 7,270 | 7,480 | 7,696 | 7,922 | 8,137 | 8,393 | 8,661 | 10,967 | 14,037 | 16,211 |
| % of M Pop'n | 0.80% | 0.82% | 0.84% | 0.87% | 0.89% | 0.92% | 0.94% | 0.96% | 0.99% | 1.02% | 1.04% | 1.07% | 1.10% | 1.13% | 1.15% | 1.18% | 1.20% | 1.23% | 1.26% | 1.29% | 1.32% | 1.61% | 1.99% | 2.27% |
| Female | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 46 | 46 | 47 | 47 | 47 | 47 | 47 | 48 | 48 | 48 | 48 | 49 | 49 | 49 | 49 | 49 | 50 | 50 | 50 | 50 | 49 | 48 | 48 | 47 |
| 60-64 | 150 | 152 | 157 | 164 | 170 | 181 | 190 | 196 | 202 | 208 | 209 | 212 | 214 | 218 | 221 | 224 | 228 | 233 | 236 | 241 | 247 | 238 | 240 | 256 |
| 65-69 | 275 | 281 | 288 | 293 | 297 | 301 | 305 | 315 | 328 | 342 | 366 | 388 | 403 | 417 | 430 | 430 | 434 | 439 | 443 | 449 | 455 | 500 | 517 | 524 |
| 70-74 | 709 | 701 | 686 | 681 | 678 | 689 | 703 | 723 | 737 | 751 | 766 | 782 | 812 | 850 | 885 | 947 | 1,001 | 1,037 | 1,070 | 1,102 | 1,103 | 1,205 | 1,260 | 1,283 |
| 75-79 | 1,221 | 1,229 | 1,239 | 1,231 | 1,230 | 1,210 | 1,194 | 1,169 | 1,164 | 1,169 | 1,199 | 1,233 | 1,274 | 1,307 | 1,331 | 1,356 | 1,384 | 1,434 | 1,495 | 1,558 | 1,669 | 1,961 | 2,317 | 2,437 |
| 80-84 | 1,752 | 1,842 | 1,935 | 1,986 | 1,997 | 2,017 | 2,029 | 2,048 | 2,042 | 2,055 | 2,041 | 2,030 | 2,005 | 2,011 | 2,024 | 2,073 | 2,130 | 2,196 | 2,246 | 2,293 | 2,341 | 3,379 | 4,010 | 4,304 |
| 85+ | 3,309 | 3,414 | 3,496 | 3,670 | 3,905 | 4,091 | 4,272 | 4,450 | 4,641 | 4,838 | 5,018 | 5,181 | 5,349 | 5,480 | 5,616 | 5,678 | 5,738 | 5,778 | 5,833 | 5,945 | 6,059 | 8,136 | 12,258 | 15,602 |
| TOTAL F | 7,461 | 7,665 | 7,848 | 8,071 | 8,323 | 8,536 | 8,740 | 8,948 | 9,163 | 9,412 | 9,648 | 9,874 | 10,107 | 10,332 | 10,556 | 10,757 | 10,965 | 11,167 | 11,374 | 11,637 | 11,923 | 15,465 | 20,650 | 24,454 |
| % of F Pop'n | 1.30% | 1.32% | 1.34% | 1.37% | 1.40% | 1.43% | 1.45% | 1.48% | 1.50% | 1.53% | 1.56% | 1.59% | 1.61% | 1.64% | 1.67% | 1.69% | 1.71% | 1.73% | 1.75% | 1.78% | 1.82% | 2.24% | 2.87% | 3.33% |
| Persons | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 93 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 | 99 | 99 | 100 | 100 | 100 | 101 | 101 | 101 | 101 | 101 | 98 | 97 | 95 |
| 60-64 | 438 | 447 | 461 | 481 | 498 | 531 | 558 | 575 | 591 | 607 | 606 | 611 | 618 | 627 | 634 | 645 | 657 | 671 | 682 | 697 | 713 | 688 | 693 | 742 |
| 65-69 | 626 | 644 | 660 | 675 | 685 | 696 | 709 | 732 | 764 | 796 | 854 | 904 | 939 | 969 | 996 | 993 | 1,000 | 1,008 | 1,019 | 1,031 | 1,047 | 1,149 | 1,189 | 1,206 |
| 70-74 | 1,364 | 1,347 | 1,327 | 1,317 | 1,318 | 1,343 | 1,377 | 1,413 | 1,450 | 1,482 | 1,517 | 1,555 | 1,616 | 1,694 | 1,766 | 1,891 | 1,999 | 2,071 | 2,130 | 2,191 | 2,186 | 2,388 | 2,499 | 2,543 |
| 75-79 | 2,085 | 2,119 | 2,151 | 2,152 | 2,157 | 2,133 | 2,104 | 2,075 | 2,067 | 2,088 | 2,146 | 2,217 | 2,292 | 2,365 | 2,417 | 2,471 | 2,532 | 2,630 | 2,747 | 2,866 | 3,074 | 3,611 | 4,268 | 4,488 |
| 80-84 | 2,831 | 2,984 | 3,147 | 3,256 | 3,294 | 3,345 | 3,397 | 3,456 | 3,473 | 3,510 | 3,504 | 3,486 | 3,468 | 3,480 | 3,524 | 3,623 | 3,744 | 3,868 | 3,981 | 4,081 | 4,182 | 6,035 | 7,164 | 7,688 |
| 85+ | 4,594 | 4,764 | 4,896 | 5,162 | 5,532 | 5,835 | 6,119 | 6,405 | 6,719 | 7,037 | 7,337 | 7,624 | 7,915 | 8,156 | 8,388 | 8,516 | 8,628 | 8,740 | 8,853 | 9,064 | 9,282 | 12,464 | 18,778 | 23,902 |
| TOTAL P | 12,032 | 12,400 | 12,737 | 13,139 | 13,580 | 13,978 | 14,360 | 14,754 | 15,161 | 15,617 | 16,061 | 16,496 | 16,948 | 17,391 | 17,826 | 18,238 | 18,661 | 19,088 | 19,511 | 20,030 | 20,584 | 26,432 | 34,687 | 40,664 |
| % of Pop'n | 1.05% | 1.07% | 1.10% | 1.12% | 1.15% | 1.17% | 1.20% | 1.22% | 1.25% | 1.27% | 1.30% | 1.33% | 1.36% | 1.38% | 1.41% | 1.43% | 1.46% | 1.48% | 1.51% | 1.54% | 1.57% | 1.93% | 2.44% | 2.81% |

## TABLE 14 DEMENTIA PREVALENCE BY AGE & GENDER, SOUTH WESTERN SYDNEY AHS, 2002-2050

| South Western Sydney | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Male | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2030 | 2040 | 2050 |
| 0-59 | 56 | 57 | 57 | 58 | 58 | 58 | 58 | 59 | 59 | 60 | 60 | 61 | 61 | 62 | 62 | 62 | 63 | 63 | 63 | 63 | 63 | 61 | 61 | 60 |
| 60-64 | 286 | 294 | 307 | 320 | 335 | 359 | 382 | 398 | 412 | 425 | 427 | 431 | 436 | 444 | 452 | 460 | 471 | 484 | 496 | 509 | 524 | 505 | 509 | 545 |
| 65-69 | 337 | 345 | 353 | 366 | 374 | 384 | 395 | 413 | 432 | 454 | 490 | 525 | 549 | 570 | 588 | 589 | 593 | 598 | 606 | 616 | 628 | 689 | 713 | 723 |
| 70-74 | 597 | 596 | 595 | 593 | 604 | 616 | 632 | 650 | 676 | 695 | 721 | 748 | 788 | 828 | 872 | 940 | 1,005 | 1,048 | 1,084 | 1,118 | 1,121 | 1,224 | 1,281 | 1,304 |
| 75-79 | 731 | 762 | 787 | 808 | 816 | 825 | 824 | 824 | 826 | 849 | 874 | 905 | 939 | 984 | 1,013 | 1,049 | 1,088 | 1,147 | 1,203 | 1,269 | 1,371 | 1,611 | 1,904 | 2,002 |
| 80-84 | 855 | 920 | 979 | 1,020 | 1,064 | 1,101 | 1,149 | 1,192 | 1,228 | 1,254 | 1,282 | 1,293 | 1,306 | 1,321 | 1,362 | 1,406 | 1,457 | 1,512 | 1,581 | 1,637 | 1,700 | 2,454 | 2,912 | 3,126 |
| 85+ | 984 | 1,030 | 1,080 | 1,160 | 1,255 | 1,351 | 1,440 | 1,533 | 1,627 | 1,739 | 1,845 | 1,960 | 2,070 | 2,170 | 2,259 | 2,337 | 2,406 | 2,472 | 2,532 | 2,635 | 2,736 | 3,673 | 5,534 | 7,044 |
| TOTAL M | 3,847 | 4,004 | 4,159 | 4,325 | 4,505 | 4,693 | 4,880 | 5,069 | 5,260 | 5,476 | 5,699 | 5,922 | 6,150 | 6,379 | 6,608 | 6,843 | 7,083 | 7,325 | 7,566 | 7,848 | 8,142 | 10,217 | 12,914 | 14,803 |
| % of M Pop'n | 0.59% | 0.61% | 0.63% | 0.65% | 0.67% | 0.69% | 0.71% | 0.73% | 0.75% | 0.77% | 0.80% | 0.82% | 0.85% | 0.87% | 0.89% | 0.92% | 0.94% | 0.97% | 0.99% | 1.02% | 1.05% | 1.27% | 1.57% | 1.78% |
| Female | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 55 | 55 | 56 | 56 | 57 | 57 | 57 | 58 | 58 | 58 | 59 | 59 | 60 | 60 | 60 | 61 | 61 | 61 | 61 | 61 | 61 | 60 | 59 | 58 |
| 60-64 | 145 | 148 | 153 | 158 | 165 | 178 | 191 | 201 | 211 | 221 | 225 | 228 | 232 | 236 | 239 | 243 | 249 | 255 | 259 | 266 | 272 | 262 | 264 | 283 |
| 65-69 | 258 | 264 | 270 | 278 | 282 | 287 | 292 | 302 | 314 | 329 | 357 | 386 | 407 | 429 | 448 | 453 | 458 | 464 | 470 | 476 | 482 | 530 | 548 | 556 |
| 70-74 | 635 | 630 | 626 | 625 | 628 | 637 | 651 | 666 | 686 | 702 | 719 | 737 | 768 | 803 | 840 | 911 | 980 | 1,030 | 1,079 | 1,124 | 1,136 | 1,242 | 1,299 | 1,322 |
| 75-79 | 1,021 | 1,039 | 1,056 | 1,059 | 1,066 | 1,063 | 1,054 | 1,048 | 1,048 | 1,059 | 1,083 | 1,115 | 1,149 | 1,190 | 1,219 | 1,247 | 1,278 | 1,329 | 1,386 | 1,451 | 1,574 | 1,849 | 2,185 | 2,298 |
| 80-84 | 1,406 | 1,492 | 1,566 | 1,633 | 1,670 | 1,686 | 1,715 | 1,744 | 1,754 | 1,781 | 1,788 | 1,785 | 1,785 | 1,795 | 1,820 | 1,860 | 1,915 | 1,970 | 2,034 | 2,088 | 2,140 | 3,088 | 3,665 | 3,934 |
| 85+ | 2,566 | 2,651 | 2,732 | 2,859 | 3,046 | 3,232 | 3,392 | 3,540 | 3,714 | 3,899 | 4,057 | 4,216 | 4,366 | 4,498 | 4,638 | 4,715 | 4,782 | 4,845 | 4,905 | 5,028 | 5,128 | 6,886 | 10,375 | 13,206 |
| TOTAL F | 6,086 | 6,278 | 6,459 | 6,668 | 6,913 | 7,141 | 7,353 | 7,559 | 7,786 | 8,049 | 8,288 | 8,527 | 8,767 | 9,010 | 9,263 | 9,488 | 9,722 | 9,955 | 10,194 | 10,493 | 10,794 | 13,916 | 18,396 | 21,657 |
| % of F Pop'n | 0.93% | 0.95% | 0.97% | 0.99% | 1.02% | 1.04% | 1.07% | 1.09% | 1.11% | 1.14% | 1.16% | 1.18% | 1.21% | 1.23% | 1.26% | 1.28% | 1.30% | 1.32% | 1.34% | 1.37% | 1.40% | 1.73% | 2.22% | 2.57% |
| Persons | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 111 | 112 | 113 | 114 | 115 | 115 | 116 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 122 | 123 | 123 | 124 | 124 | 124 | 124 | 121 | 120 | 118 |
| 60-64 | 431 | 442 | 460 | 478 | 499 | 537 | 573 | 599 | 623 | 646 | 652 | 659 | 668 | 680 | 691 | 703 | 720 | 739 | 755 | 775 | 796 | 767 | 773 | 828 |
| 65-69 | 596 | 609 | 623 | 644 | 656 | 671 | 687 | 716 | 746 | 783 | 848 | 910 | 956 | 999 | 1,036 | 1,042 | 1,050 | 1,062 | 1,076 | 1,092 | 1,110 | 1,219 | 1,261 | 1,279 |
| 70-74 | 1,233 | 1,226 | 1,221 | 1,217 | 1,232 | 1,253 | 1,283 | 1,316 | 1,363 | 1,397 | 1,440 | 1,485 | 1,556 | 1,631 | 1,711 | 1,850 | 1,984 | 2,078 | 2,163 | 2,243 | 2,257 | 2,466 | 2,580 | 2,626 |
| 75-79 | 1,753 | 1,801 | 1,843 | 1,867 | 1,882 | 1,888 | 1,878 | 1,872 | 1,874 | 1,908 | 1,957 | 2,020 | 2,088 | 2,174 | 2,232 | 2,295 | 2,366 | 2,477 | 2,589 | 2,720 | 2,945 | 3,459 | 4,089 | 4,300 |
| 80-84 | 2,261 | 2,412 | 2,545 | 2,653 | 2,733 | 2,788 | 2,864 | 2,937 | 2,983 | 3,035 | 3,070 | 3,079 | 3,091 | 3,116 | 3,182 | 3,266 | 3,373 | 3,482 | 3,615 | 3,725 | 3,840 | 5,541 | 6,577 | 7,059 |
| 85+ | 3,550 | 3,681 | 3,812 | 4,019 | 4,301 | 4,583 | 4,833 | 5,073 | 5,341 | 5,638 | 5,903 | 6,176 | 6,437 | 6,668 | 6,897 | 7,052 | 7,188 | 7,318 | 7,437 | 7,663 | 7,864 | 10,560 | 15,910 | 20,251 |
| TOTAL P | 9,933 | 10,282 | 10,618 | 10,993 | 11,419 | 11,834 | 12,234 | 12,628 | 13,046 | 13,525 | 13,988 | 14,449 | 14,916 | 15,390 | 15,872 | 16,332 | 16,805 | 17,279 | 17,760 | 18,342 | 18,936 | 24,133 | 31,310 | 36,460 |
| % of Pop'n | 0.76% | 0.78% | 0.80% | 0.82% | 0.84% | 0.87% | 0.89% | 0.91% | 0.93% | 0.95% | 0.98% | 1.00% | 1.03% | 1.05% | 1.07% | 1.10% | 1.12% | 1.14% | 1.16% | 1.19% | 1.22% | 1.50% | 1.90% | 2.18% |

## TABLE 15 DEMENTIA PREVALENCE BY AGE & GENDER, WESTERN SYDNEY AHS, 2002-2050

| Western Sydney | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Male | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2030 | 2040 | 2050 |
| 0-59 | 46 | 47 | 47 | 48 | 48 | 48 | 49 | 49 | 49 | 50 | 50 | 51 | 51 | 52 | 52 | 52 | 53 | 53 | 53 | 53 | 54 | 52 | 52 | 51 |
| 60-64 | 228 | 240 | 256 | 271 | 288 | 314 | 335 | 348 | 361 | 371 | 371 | 374 | 377 | 381 | 386 | 391 | 400 | 410 | 420 | 432 | 444 | 428 | 432 | 462 |
| 65-69 | 246 | 257 | 270 | 286 | 298 | 307 | 322 | 342 | 362 | 386 | 423 | 454 | 475 | 494 | 507 | 506 | 508 | 511 | 515 | 523 | 530 | 582 | 603 | 611 |
| 70-74 | 404 | 406 | 410 | 415 | 426 | 445 | 466 | 489 | 517 | 540 | 562 | 592 | 632 | 674 | 717 | 785 | 840 | 876 | 909 | 935 | 933 | 1,019 | 1,066 | 1,085 |
| 75-79 | 500 | 520 | 537 | 547 | 562 | 567 | 570 | 576 | 584 | 604 | 637 | 671 | 708 | 753 | 787 | 818 | 860 | 916 | 973 | 1,037 | 1,136 | 1,334 | 1,577 | 1,658 |
| 80-84 | 591 | 643 | 686 | 721 | 745 | 776 | 805 | 834 | 855 | 884 | 901 | 913 | 930 | 950 | 985 | 1,038 | 1,093 | 1,152 | 1,220 | 1,277 | 1,332 | 1,921 | 2,281 | 2,448 |
| 85+ | 650 | 696 | 740 | 805 | 878 | 955 | 1,029 | 1,099 | 1,173 | 1,247 | 1,331 | 1,412 | 1,491 | 1,563 | 1,635 | 1,695 | 1,747 | 1,805 | 1,855 | 1,938 | 2,034 | 2,731 | 4,115 | 5,238 |
| TOTAL M | 2,665 | 2,809 | 2,946 | 3,093 | 3,244 | 3,414 | 3,575 | 3,737 | 3,902 | 4,083 | 4,276 | 4,467 | 4,664 | 4,866 | 5,069 | 5,286 | 5,501 | 5,724 | 5,945 | 6,195 | 6,462 | 8,069 | 10,125 | 11,553 |
| % of M Pop'n | 0.50% | 0.53% | 0.54% | 0.56% | 0.58% | 0.61% | 0.63% | 0.65% | 0.67% | 0.69% | 0.72% | 0.74% | 0.77% | 0.79% | 0.82% | 0.84% | 0.87% | 0.90% | 0.92% | 0.95% | 0.99% | 1.19% | 1.46% | 1.66% |
| Female | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 45 | 46 | 46 | 47 | 47 | 47 | 48 | 48 | 48 | 48 | 49 | 49 | 50 | 50 | 51 | 51 | 51 | 51 | 51 | 52 | 52 | 50 | 50 | 49 |
| 60-64 | 114 | 119 | 127 | 136 | 144 | 158 | 170 | 179 | 186 | 194 | 196 | 198 | 201 | 204 | 206 | 208 | 213 | 218 | 222 | 228 | 233 | 224 | 226 | 242 |
| 65-69 | 187 | 195 | 204 | 211 | 219 | 229 | 238 | 251 | 269 | 285 | 315 | 340 | 359 | 376 | 391 | 392 | 396 | 400 | 404 | 408 | 413 | 454 | 470 | 476 |
| 70-74 | 448 | 446 | 443 | 443 | 453 | 463 | 480 | 501 | 520 | 541 | 566 | 590 | 626 | 670 | 710 | 780 | 840 | 885 | 922 | 958 | 962 | 1,051 | 1,100 | 1,119 |
| 75-79 | 741 | 752 | 761 | 758 | 758 | 758 | 754 | 748 | 751 | 771 | 794 | 828 | 867 | 903 | 937 | 976 | 1,015 | 1,073 | 1,143 | 1,211 | 1,330 | 1,562 | 1,846 | 1,942 |
| 80-84 | 1,041 | 1,105 | 1,151 | 1,208 | 1,231 | 1,239 | 1,255 | 1,272 | 1,271 | 1,282 | 1,292 | 1,295 | 1,292 | 1,303 | 1,338 | 1,375 | 1,432 | 1,493 | 1,546 | 1,605 | 1,670 | 2,409 | 2,860 | 3,069 |
| 85+ | 1,784 | 1,871 | 1,965 | 2,071 | 2,219 | 2,370 | 2,497 | 2,611 | 2,753 | 2,886 | 2,999 | 3,114 | 3,218 | 3,314 | 3,406 | 3,471 | 3,527 | 3,566 | 3,616 | 3,722 | 3,810 | 5,116 | 7,708 | 9,811 |
| TOTAL F | 4,361 | 4,533 | 4,697 | 4,875 | 5,071 | 5,264 | 5,442 | 5,610 | 5,799 | 6,008 | 6,209 | 6,415 | 6,612 | 6,820 | 7,039 | 7,253 | 7,474 | 7,686 | 7,905 | 8,184 | 8,469 | 10,867 | 14,259 | 16,708 |
| % of F Pop'n | 0.82% | 0.85% | 0.87% | 0.89% | 0.91% | 0.94% | 0.96% | 0.98% | 1.00% | 1.03% | 1.05% | 1.07% | 1.10% | 1.12% | 1.14% | 1.17% | 1.19% | 1.21% | 1.24% | 1.27% | 1.30% | 1.61% | 2.05% | 2.37% |
| Persons | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 92 | 93 | 94 | 95 | 95 | 96 | 96 | 97 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 103 | 104 | 104 | 105 | 105 | 105 | 102 | 101 | 100 |
| 60-64 | 343 | 360 | 383 | 407 | 431 | 472 | 504 | 527 | 547 | 565 | 567 | 572 | 577 | 585 | 591 | 600 | 613 | 628 | 642 | 659 | 677 | 653 | 658 | 704 |
| 65-69 | 433 | 452 | 474 | 498 | 517 | 536 | 559 | 593 | 631 | 671 | 738 | 793 | 833 | 870 | 898 | 898 | 905 | 911 | 919 | 931 | 944 | 1,036 | 1,072 | 1,087 |
| 70-74 | 852 | 852 | 852 | 858 | 879 | 908 | 946 | 990 | 1,037 | 1,081 | 1,128 | 1,182 | 1,258 | 1,344 | 1,427 | 1,564 | 1,680 | 1,761 | 1,831 | 1,893 | 1,895 | 2,070 | 2,166 | 2,205 |
| 75-79 | 1,242 | 1,272 | 1,298 | 1,305 | 1,319 | 1,325 | 1,324 | 1,324 | 1,335 | 1,376 | 1,430 | 1,499 | 1,575 | 1,656 | 1,724 | 1,795 | 1,875 | 1,989 | 2,116 | 2,248 | 2,465 | 2,896 | 3,423 | 3,600 |
| 80-84 | 1,632 | 1,747 | 1,837 | 1,929 | 1,976 | 2,015 | 2,060 | 2,106 | 2,126 | 2,166 | 2,193 | 2,208 | 2,223 | 2,253 | 2,324 | 2,413 | 2,525 | 2,646 | 2,766 | 2,883 | 3,001 | 4,331 | 5,140 | 5,517 |
| 85+ | 2,433 | 2,567 | 2,705 | 2,876 | 3,097 | 3,325 | 3,526 | 3,710 | 3,926 | 4,133 | 4,330 | 4,527 | 4,709 | 4,877 | 5,041 | 5,166 | 5,274 | 5,370 | 5,471 | 5,660 | 5,844 | 7,847 | 11,823 | 15,049 |
| TOTAL P | 7,026 | 7,342 | 7,643 | 7,968 | 8,316 | 8,677 | 9,016 | 9,347 | 9,701 | 10,091 | 10,485 | 10,881 | 11,277 | 11,686 | 12,108 | 12,538 | 12,975 | 13,410 | 13,850 | 14,378 | 14,932 | 18,936 | 24,384 | 28,261 |
| % of Pop'n | 0.66% | 0.69% | 0.71% | 0.73% | 0.75% | 0.77% | 0.79% | 0.81% | 0.84% | 0.86% | 0.88% | 0.91% | 0.93% | 0.96% | 0.98% | 1.01% | 1.03% | 1.06% | 1.08% | 1.11% | 1.14% | 1.40% | 1.76% | 2.02% |

## TABLE 16 DEMENTIA PREVALENCE BY AGE & GENDER, ALL METROPOLITAN AHSS, 2002-2050

| All Metro | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Male | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2030 | 2040 | 2050 |
| 0-59 | 193 | 195 | 197 | 199 | 200 | 201 | 201 | 202 | 203 | 205 | 207 | 209 | 210 | 212 | 213 | 214 | 215 | 215 | 216 | 216 | 216 | 210 | 208 | 205 |
| 60-64 | 1,075 | 1,110 | 1,161 | 1,215 | 1,271 | 1,363 | 1,444 | 1,494 | 1,539 | 1,580 | 1,578 | 1,587 | 1,604 | 1,627 | 1,649 | 1,677 | 1,712 | 1,753 | 1,790 | 1,837 | 1,887 | 1,819 | 1,833 | 1,963 |
| 65-69 | 1,254 | 1,290 | 1,331 | 1,384 | 1,419 | 1,457 | 1,502 | 1,571 | 1,647 | 1,733 | 1,871 | 1,994 | 2,075 | 2,148 | 2,204 | 2,194 | 2,203 | 2,221 | 2,243 | 2,274 | 2,312 | 2,539 | 2,628 | 2,664 |
| 70-74 | 2,277 | 2,260 | 2,245 | 2,233 | 2,259 | 2,314 | 2,383 | 2,462 | 2,567 | 2,649 | 2,742 | 2,848 | 2,999 | 3,161 | 3,325 | 3,584 | 3,815 | 3,960 | 4,083 | 4,193 | 4,179 | 4,566 | 4,778 | 4,863 |
| 75-79 | 2,950 | 3,038 | 3,119 | 3,162 | 3,190 | 3,198 | 3,177 | 3,166 | 3,163 | 3,229 | 3,340 | 3,469 | 3,614 | 3,790 | 3,916 | 4,051 | 4,204 | 4,422 | 4,648 | 4,897 | 5,287 | 6,211 | 7,341 | 7,720 |
| 80-84 | 3,677 | 3,925 | 4,151 | 4,327 | 4,445 | 4,552 | 4,689 | 4,835 | 4,931 | 5,022 | 5,087 | 5,103 | 5,133 | 5,172 | 5,300 | 5,492 | 5,711 | 5,949 | 6,224 | 6,452 | 6,692 | 9,656 | 11,461 | 12,301 |
| 85+ | 4,374 | 4,606 | 4,801 | 5,139 | 5,571 | 5,986 | 6,365 | 6,730 | 7,137 | 7,566 | 7,979 | 8,410 | 8,837 | 9,220 | 9,563 | 9,834 | 10,063 | 10,310 | 10,523 | 10,896 | 11,301 | 15,175 | 22,864 | 29,102 |
| TOTAL M | 15,800 | 16,425 | 17,006 | 17,659 | 18,354 | 19,071 | 19,761 | 20,461 | 21,188 | 21,984 | 22,803 | 23,621 | 24,472 | 25,329 | 26,169 | 27,045 | 27,924 | 28,831 | 29,727 | 30,764 | 31,875 | 40,177 | 51,113 | 58,817 |
| % of M Pop'n | 0.69% | 0.71% | 0.73% | 0.75% | 0.77% | 0.80% | 0.82% | 0.84% | 0.86% | 0.89% | 0.91% | 0.94% | 0.96% | 0.99% | 1.01% | 1.04% | 1.06% | 1.09% | 1.11% | 1.14% | 1.17% | 1.43% | 1.77% | 2.01% |
| Female | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 190 | 192 | 194 | 196 | 196 | 197 | 198 | 199 | 200 | 201 | 203 | 204 | 206 | 207 | 208 | 209 | 209 | 210 | 210 | 210 | 210 | 204 | 203 | 199 |
| 60-64 | 555 | 569 | 593 | 621 | 649 | 700 | 745 | 776 | 806 | 836 | 841 | 851 | 862 | 876 | 886 | 897 | 916 | 936 | 952 | 973 | 995 | 959 | 967 | 1,035 |
| 65-69 | 981 | 1,004 | 1,034 | 1,061 | 1,082 | 1,107 | 1,133 | 1,179 | 1,237 | 1,297 | 1,407 | 1,506 | 1,577 | 1,645 | 1,702 | 1,707 | 1,724 | 1,741 | 1,759 | 1,778 | 1,800 | 1,977 | 2,046 | 2,074 |
| 70-74 | 2,496 | 2,456 | 2,417 | 2,405 | 2,411 | 2,448 | 2,506 | 2,579 | 2,650 | 2,718 | 2,798 | 2,881 | 3,014 | 3,174 | 3,327 | 3,596 | 3,839 | 4,007 | 4,160 | 4,303 | 4,316 | 4,715 | 4,934 | 5,021 |
| 75-79 | 4,231 | 4,274 | 4,307 | 4,280 | 4,281 | 4,238 | 4,172 | 4,109 | 4,099 | 4,137 | 4,234 | 4,364 | 4,519 | 4,666 | 4,786 | 4,915 | 5,051 | 5,272 | 5,530 | 5,798 | 6,272 | 7,368 | 8,708 | 9,158 |
| 80-84 | 6,200 | 6,497 | 6,768 | 6,987 | 7,033 | 7,056 | 7,128 | 7,194 | 7,174 | 7,233 | 7,218 | 7,164 | 7,107 | 7,135 | 7,217 | 7,379 | 7,601 | 7,853 | 8,077 | 8,298 | 8,529 | 12,307 | 14,608 | 15,678 |
| 85+ | 11,734 | 12,159 | 12,517 | 13,052 | 13,858 | 14,597 | 15,232 | 15,823 | 16,495 | 17,170 | 17,777 | 18,388 | 18,943 | 19,397 | 19,877 | 20,126 | 20,335 | 20,494 | 20,689 | 21,122 | 21,515 | 28,890 | 43,527 | 55,404 |
| TOTAL F | 26,386 | 27,152 | 27,829 | 28,602 | 29,510 | 30,343 | 31,113 | 31,858 | 32,661 | 33,593 | 34,477 | 35,359 | 36,228 | 37,100 | 38,002 | 38,830 | 39,677 | 40,513 | 41,376 | 42,483 | 43,638 | 56,421 | 74,993 | 88,570 |
| % of F Pop'n | 1.14% | 1.16% | 1.18% | 1.20% | 1.23% | 1.25% | 1.27% | 1.29% | 1.31% | 1.34% | 1.36% | 1.39% | 1.41% | 1.43% | 1.46% | 1.48% | 1.50% | 1.52% | 1.54% | 1.57% | 1.60% | 1.98% | 2.54% | 2.95% |
| Persons | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 383 | 387 | 391 | 394 | 396 | 398 | 399 | 401 | 403 | 406 | 409 | 413 | 416 | 419 | 421 | 422 | 424 | 425 | 426 | 426 | 427 | 415 | 411 | 404 |
| 60-64 | 1,629 | 1,679 | 1,754 | 1,837 | 1,920 | 2,063 | 2,189 | 2,270 | 2,346 | 2,416 | 2,419 | 2,439 | 2,467 | 2,503 | 2,534 | 2,573 | 2,628 | 2,689 | 2,742 | 2,810 | 2,883 | 2,778 | 2,800 | 2,998 |
| 65-69 | 2,235 | 2,294 | 2,365 | 2,445 | 2,501 | 2,564 | 2,635 | 2,750 | 2,884 | 3,030 | 3,278 | 3,500 | 3,652 | 3,793 | 3,905 | 3,901 | 3,927 | 3,962 | 4,002 | 4,052 | 4,112 | 4,516 | 4,673 | 4,738 |
| 70-74 | 4,773 | 4,717 | 4,663 | 4,638 | 4,670 | 4,763 | 4,889 | 5,041 | 5,217 | 5,368 | 5,540 | 5,729 | 6,012 | 6,335 | 6,651 | 7,180 | 7,654 | 7,968 | 8,243 | 8,496 | 8,495 | 9,281 | 9,711 | 9,884 |
| 75-79 | 7,182 | 7,312 | 7,426 | 7,443 | 7,471 | 7,435 | 7,349 | 7,274 | 7,262 | 7,366 | 7,574 | 7,834 | 8,133 | 8,456 | 8,702 | 8,966 | 9,255 | 9,694 | 10,178 | 10,695 | 11,559 | 13,579 | 16,049 | 16,878 |
| 80-84 | 9,877 | 10,422 | 10,918 | 11,314 | 11,478 | 11,608 | 11,816 | 12,029 | 12,105 | 12,255 | 12,305 | 12,267 | 12,240 | 12,306 | 12,518 | 12,871 | 13,313 | 13,802 | 14,301 | 14,749 | 15,221 | 21,963 | 26,069 | 27,979 |
| 85+ | 16,108 | 16,766 | 17,318 | 18,191 | 19,428 | 20,583 | 21,597 | 22,553 | 23,632 | 24,736 | 25,756 | 26,798 | 27,780 | 28,617 | 29,440 | 29,960 | 30,399 | 30,804 | 31,211 | 32,018 | 32,817 | 44,066 | 66,391 | 84,506 |
| TOTAL P | 42,186 | 43,577 | 44,835 | 46,261 | 47,865 | 49,414 | 50,874 | 52,318 | 53,849 | 55,577 | 57,280 | 58,980 | 60,699 | 62,429 | 64,171 | 65,875 | 67,600 | 69,344 | 71,103 | 73,247 | 75,513 | 96,598 | 126,106 | 147,388 |
| % of Pop'n | 0.92% | 0.94% | 0.96% | 0.98% | 1.00% | 1.03% | 1.05% | 1.07% | 1.09% | 1.11% | 1.14% | 1.16% | 1.19% | 1.21% | 1.24% | 1.26% | 1.28% | 1.30% | 1.33% | 1.36% | 1.39% | 1.71% | 2.16% | 2.49% |

## TABLE 17 DEMENTIA PREVALENCE BY AGE & GENDER, ALL REGIONAL AHSS, 2002-2050

| All Regional | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Male | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2030 | 2040 | 2050 |
| 0-59 | 82 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 82 | 82 | 82 | 81 | 81 | 80 | 78 | 77 | 76 |
| 60-64 | 580 | 594 | 617 | 645 | 669 | 711 | 751 | 778 | 802 | 829 | 834 | 846 | 860 | 872 | 884 | 896 | 909 | 925 | 936 | 948 | 958 | 923 | 930 | 996 |
| 65-69 | 730 | 759 | 785 | 810 | 825 | 844 | 861 | 893 | 934 | 974 | 1,040 | 1,104 | 1,148 | 1,188 | 1,226 | 1,229 | 1,242 | 1,258 | 1,270 | 1,286 | 1,303 | 1,431 | 1,481 | 1,501 |
| 70-74 | 1,370 | 1,364 | 1,352 | 1,351 | 1,362 | 1,405 | 1,451 | 1,502 | 1,553 | 1,593 | 1,642 | 1,688 | 1,761 | 1,851 | 1,930 | 2,055 | 2,177 | 2,257 | 2,324 | 2,396 | 2,403 | 2,625 | 2,747 | 2,796 |
| 75-79 | 1,727 | 1,783 | 1,838 | 1,859 | 1,886 | 1,896 | 1,883 | 1,870 | 1,877 | 1,909 | 1,988 | 2,072 | 2,161 | 2,247 | 2,308 | 2,378 | 2,444 | 2,549 | 2,670 | 2,788 | 2,977 | 3,497 | 4,133 | 4,346 |
| 80-84 | 2,052 | 2,179 | 2,296 | 2,405 | 2,488 | 2,560 | 2,652 | 2,740 | 2,785 | 2,851 | 2,893 | 2,900 | 2,906 | 2,939 | 3,003 | 3,131 | 3,266 | 3,403 | 3,530 | 3,633 | 3,754 | 5,416 | 6,429 | 6,900 |
| 85+ | 2,414 | 2,515 | 2,631 | 2,800 | 3,014 | 3,221 | 3,425 | 3,612 | 3,836 | 4,070 | 4,287 | 4,533 | 4,762 | 4,952 | 5,152 | 5,298 | 5,421 | 5,531 | 5,641 | 5,834 | 6,076 | 8,159 | 12,293 | 15,647 |
| TOTAL M | 8,955 | 9,276 | 9,601 | 9,954 | 10,328 | 10,719 | 11,105 | 11,478 | 11,869 | 12,309 | 12,766 | 13,225 | 13,680 | 14,132 | 14,585 | 15,070 | 15,541 | 16,004 | 16,452 | 16,965 | 17,550 | 22,130 | 28,090 | 32,262 |
| % of M Pop'n | 0.88% | 0.90% | 0.93% | 0.96% | 0.99% | 1.02% | 1.05% | 1.08% | 1.11% | 1.15% | 1.19% | 1.23% | 1.26% | 1.30% | 1.33% | 1.37% | 1.41% | 1.45% | 1.48% | 1.53% | 1.57% | 1.89% | 2.31% | 2.60% |
| Female | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 80 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 80 | 80 | 80 | 79 | 79 | 76 | 76 | 74 |
| 60-64 | 299 | 307 | 319 | 332 | 344 | 366 | 384 | 398 | 412 | 427 | 431 | 440 | 449 | 459 | 466 | 474 | 484 | 494 | 501 | 509 | 516 | 496 | 498 | 533 |
| 65-69 | 553 | 574 | 594 | 609 | 621 | 632 | 646 | 669 | 696 | 724 | 775 | 818 | 852 | 884 | 913 | 919 | 934 | 949 | 964 | 978 | 994 | 1,088 | 1,125 | 1,136 |
| 70-74 | 1,386 | 1,385 | 1,375 | 1,383 | 1,390 | 1,424 | 1,468 | 1,515 | 1,555 | 1,593 | 1,633 | 1,679 | 1,747 | 1,826 | 1,898 | 2,026 | 2,132 | 2,211 | 2,283 | 2,357 | 2,370 | 2,591 | 2,697 | 2,736 |
| 75-79 | 2,261 | 2,320 | 2,365 | 2,369 | 2,386 | 2,387 | 2,366 | 2,348 | 2,365 | 2,394 | 2,469 | 2,561 | 2,657 | 2,740 | 2,807 | 2,869 | 2,945 | 3,056 | 3,181 | 3,307 | 3,532 | 4,169 | 4,898 | 5,138 |
| 80-84 | 3,214 | 3,343 | 3,473 | 3,598 | 3,667 | 3,730 | 3,815 | 3,889 | 3,906 | 3,963 | 3,992 | 3,985 | 3,981 | 4,032 | 4,085 | 4,209 | 4,359 | 4,513 | 4,636 | 4,751 | 4,863 | 6,988 | 8,292 | 8,834 |
| 85+ | 5,994 | 6,260 | 6,489 | 6,771 | 7,129 | 7,466 | 7,786 | 8,097 | 8,466 | 8,841 | 9,193 | 9,562 | 9,897 | 10,169 | 10,456 | 10,653 | 10,810 | 10,945 | 11,109 | 11,358 | 11,651 | 15,346 | 23,017 | 29,143 |
| TOTAL F | 13,786 | 14,270 | 14,695 | 15,143 | 15,619 | 16,087 | 16,545 | 16,997 | 17,482 | 18,024 | 18,574 | 19,126 | 19,663 | 20,192 | 20,707 | 21,230 | 21,744 | 22,249 | 22,753 | 23,340 | 24,003 | 30,753 | 40,602 | 47,593 |
| % of F Pop'n | 1.34% | 1.38% | 1.41% | 1.45% | 1.48% | 1.52% | 1.55% | 1.59% | 1.62% | 1.67% | 1.71% | 1.75% | 1.79% | 1.83% | 1.87% | 1.91% | 1.95% | 1.99% | 2.02% | 2.07% | 2.12% | 2.57% | 3.23% | 3.70% |
| Persons | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 162 | 163 | 164 | 165 | 165 | 164 | 164 | 164 | 163 | 163 | 164 | 164 | 164 | 164 | 164 | 163 | 163 | 162 | 161 | 160 | 159 | 154 | 153 | 151 |
| 60-64 | 879 | 901 | 935 | 976 | 1,013 | 1,077 | 1,136 | 1,176 | 1,214 | 1,256 | 1,265 | 1,285 | 1,308 | 1,331 | 1,350 | 1,370 | 1,393 | 1,419 | 1,437 | 1,457 | 1,474 | 1,419 | 1,429 | 1,529 |
| 65-69 | 1,283 | 1,333 | 1,379 | 1,419 | 1,446 | 1,476 | 1,507 | 1,562 | 1,630 | 1,698 | 1,815 | 1,923 | 2,000 | 2,072 | 2,139 | 2,147 | 2,176 | 2,207 | 2,234 | 2,264 | 2,296 | 2,518 | 2,605 | 2,637 |
| 70-74 | 2,756 | 2,748 | 2,727 | 2,734 | 2,753 | 2,829 | 2,919 | 3,017 | 3,108 | 3,187 | 3,274 | 3,367 | 3,508 | 3,677 | 3,827 | 4,081 | 4,310 | 4,468 | 4,607 | 4,753 | 4,772 | 5,216 | 5,444 | 5,532 |
| 75-79 | 3,988 | 4,102 | 4,203 | 4,228 | 4,272 | 4,284 | 4,248 | 4,218 | 4,242 | 4,303 | 4,457 | 4,633 | 4,818 | 4,988 | 5,116 | 5,247 | 5,389 | 5,605 | 5,851 | 6,095 | 6,508 | 7,665 | 9,030 | 9,484 |
| 80-84 | 5,266 | 5,522 | 5,769 | 6,003 | 6,155 | 6,290 | 6,466 | 6,629 | 6,691 | 6,814 | 6,885 | 6,885 | 6,887 | 6,971 | 7,089 | 7,341 | 7,625 | 7,916 | 8,165 | 8,385 | 8,616 | 12,404 | 14,721 | 15,734 |
| 85+ | 8,408 | 8,775 | 9,119 | 9,572 | 10,143 | 10,687 | 11,211 | 11,710 | 12,301 | 12,911 | 13,480 | 14,095 | 14,658 | 15,122 | 15,609 | 15,952 | 16,231 | 16,476 | 16,749 | 17,191 | 17,727 | 23,505 | 35,310 | 44,790 |
| TOTAL P | 22,741 | 23,546 | 24,296 | 25,097 | 25,947 | 26,806 | 27,651 | 28,475 | 29,350 | 30,333 | 31,340 | 32,352 | 33,343 | 34,324 | 35,293 | 36,300 | 37,285 | 38,252 | 39,205 | 40,305 | 41,554 | 52,882 | 68,692 | 79,856 |
| % of Pop'n | 1.11% | 1.14% | 1.17% | 1.20% | 1.24% | 1.27% | 1.30% | 1.34% | 1.37% | 1.41% | 1.45% | 1.49% | 1.53% | 1.57% | 1.60% | 1.64% | 1.68% | 1.72% | 1.76% | 1.80% | 1.85% | 2.23% | 2.78% | 3.16% |

# TABLE 18 DEMENTIA PREVALENCE BY AGE & GENDER, ALL NSW AHS, 2002-2050

| All NSW | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Male | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2030 | 2040 | 2050 |
| 0-59 | 276 | 278 | 280 | 281 | 282 | 283 | 284 | 284 | 285 | 285 | 286 | 286 | 287 | 287 | 287 | 288 | 288 | 289 | 289 | 289 | 289 | 290 | 289 | 285 |
| 60-64 | 1,668 | 1,703 | 1,774 | 1,853 | 1,935 | 2,069 | 2,190 | 2,266 | 2,332 | 2,365 | 2,397 | 2,429 | 2,462 | 2,494 | 2,526 | 2,559 | 2,591 | 2,623 | 2,655 | 2,734 | 2,818 | 2,759 | 2,792 | 2,999 |
| 65-69 | 2,002 | 2,044 | 2,112 | 2,186 | 2,238 | 2,295 | 2,357 | 2,458 | 2,572 | 2,657 | 2,742 | 2,827 | 2,912 | 2,997 | 3,082 | 3,167 | 3,252 | 3,337 | 3,422 | 3,531 | 3,650 | 3,994 | 4,150 | 4,221 |
| 70-74 | 3,688 | 3,625 | 3,590 | 3,572 | 3,612 | 3,710 | 3,825 | 3,955 | 4,105 | 4,319 | 4,532 | 4,746 | 4,960 | 5,173 | 5,387 | 5,601 | 5,814 | 6,028 | 6,242 | 6,425 | 6,624 | 7,235 | 7,602 | 7,762 |
| 75-79 | 4,709 | 4,828 | 4,947 | 5,005 | 5,062 | 5,081 | 5,048 | 5,024 | 5,021 | 5,232 | 5,443 | 5,653 | 5,864 | 6,075 | 6,286 | 6,497 | 6,707 | 6,918 | 7,129 | 7,339 | 7,566 | 9,767 | 11,591 | 12,230 |
| 80-84 | 5,739 | 6,103 | 6,434 | 6,709 | 6,915 | 7,094 | 7,323 | 7,556 | 7,688 | 7,869 | 8,051 | 8,232 | 8,413 | 8,595 | 8,776 | 8,957 | 9,139 | 9,320 | 9,502 | 9,781 | 10,084 | 15,164 | 18,072 | 19,461 |
| 85+ | 6,670 | 7,149 | 7,442 | 7,955 | 8,575 | 9,181 | 9,755 | 10,302 | 10,961 | 11,538 | 12,115 | 12,692 | 13,269 | 13,846 | 14,423 | 15,000 | 15,577 | 16,154 | 16,731 | 17,223 | 17,757 | 24,723 | 38,271 | 49,820 |
| TOTAL M | 24,751 | 25,731 | 26,579 | 27,562 | 28,619 | 29,713 | 30,781 | 31,846 | 32,964 | 34,264 | 35,565 | 36,866 | 38,166 | 39,467 | 40,768 | 42,068 | 43,369 | 44,669 | 45,970 | 47,322 | 48,787 | 63,931 | 82,767 | 96,778 |
| % of M Pop'n | 0.75% | 0.77% | 0.79% | 0.81% | 0.84% | 0.86% | 0.89% | 0.91% | 0.93% | 0.96% | 0.99% | 1.02% | 1.05% | 1.08% | 1.11% | 1.13% | 1.16% | 1.19% | 1.22% | 1.24% | 1.27% | 1.60% | 2.01% | 2.32% |
| Female | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 271 | 272 | 274 | 276 | 277 | 278 | 278 | 279 | 280 | 280 | 280 | 280 | 281 | 281 | 281 | 281 | 282 | 282 | 282 | 282 | 282 | 282 | 279 | 275 |
| 60-64 | 859 | 874 | 910 | 950 | 990 | 1,063 | 1,126 | 1,172 | 1,214 | 1,234 | 1,254 | 1,275 | 1,295 | 1,315 | 1,335 | 1,355 | 1,375 | 1,395 | 1,416 | 1,457 | 1,502 | 1,442 | 1,445 | 1,539 |
| 65-69 | 1,545 | 1,578 | 1,624 | 1,664 | 1,699 | 1,735 | 1,774 | 1,843 | 1,926 | 1,998 | 2,071 | 2,144 | 2,217 | 2,289 | 2,362 | 2,435 | 2,508 | 2,580 | 2,653 | 2,739 | 2,833 | 3,036 | 3,144 | 3,142 |
| 70-74 | 3,919 | 3,843 | 3,784 | 3,775 | 3,791 | 3,863 | 3,963 | 4,083 | 4,190 | 4,398 | 4,607 | 4,816 | 5,024 | 5,233 | 5,442 | 5,650 | 5,859 | 6,067 | 6,276 | 6,461 | 6,661 | 7,372 | 7,556 | 7,597 |
| 75-79 | 6,545 | 6,598 | 6,659 | 6,626 | 6,650 | 6,608 | 6,522 | 6,441 | 6,441 | 6,645 | 6,850 | 7,054 | 7,258 | 7,463 | 7,667 | 7,872 | 8,076 | 8,281 | 8,485 | 8,735 | 9,005 | 11,853 | 13,673 | 14,256 |
| 80-84 | 9,460 | 9,831 | 10,220 | 10,549 | 10,672 | 10,759 | 10,916 | 11,056 | 11,040 | 11,175 | 11,309 | 11,443 | 11,578 | 11,712 | 11,847 | 11,981 | 12,115 | 12,250 | 12,384 | 12,748 | 13,143 | 19,058 | 22,689 | 23,555 |
| 85+ | 17,577 | 18,394 | 19,081 | 19,957 | 21,114 | 22,201 | 23,163 | 24,073 | 25,145 | 25,915 | 26,684 | 27,454 | 28,224 | 28,993 | 29,763 | 30,533 | 31,302 | 32,072 | 32,841 | 33,807 | 34,854 | 42,506 | 63,244 | 80,101 |
| TOTAL F | 40,176 | 41,392 | 42,552 | 43,797 | 45,192 | 46,507 | 47,743 | 48,947 | 50,235 | 51,645 | 53,055 | 54,466 | 55,876 | 57,286 | 58,697 | 60,107 | 61,517 | 62,927 | 64,338 | 66,230 | 68,280 | 85,549 | 112,031 | 130,465 |
| % of F Pop'n | 1.20% | 1.23% | 1.25% | 1.28% | 1.31% | 1.34% | 1.36% | 1.38% | 1.41% | 1.44% | 1.47% | 1.50% | 1.53% | 1.55% | 1.58% | 1.61% | 1.64% | 1.66% | 1.69% | 1.73% | 1.77% | 2.13% | 2.71% | 3.12% |
| Persons | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-59 | 547 | 550 | 554 | 557 | 559 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 567 | 568 | 569 | 569 | 570 | 571 | 571 | 571 | 571 | 572 | 568 | 560 |
| 60-64 | 2,527 | 2,577 | 2,684 | 2,803 | 2,925 | 3,132 | 3,316 | 3,437 | 3,547 | 3,599 | 3,652 | 3,704 | 3,756 | 3,809 | 3,861 | 3,914 | 3,966 | 4,019 | 4,071 | 4,191 | 4,320 | 4,201 | 4,237 | 4,537 |
| 65-69 | 3,547 | 3,623 | 3,737 | 3,851 | 3,937 | 4,030 | 4,132 | 4,302 | 4,497 | 4,655 | 4,813 | 4,971 | 5,128 | 5,286 | 5,444 | 5,602 | 5,760 | 5,917 | 6,075 | 6,271 | 6,483 | 7,030 | 7,294 | 7,364 |
| 70-74 | 7,607 | 7,469 | 7,375 | 7,347 | 7,403 | 7,573 | 7,788 | 8,039 | 8,295 | 8,717 | 9,139 | 9,562 | 9,984 | 10,406 | 10,829 | 11,251 | 11,673 | 12,095 | 12,518 | 12,886 | 13,285 | 14,607 | 15,158 | 15,359 |
| 75-79 | 11,254 | 11,426 | 11,605 | 11,631 | 11,712 | 11,690 | 11,570 | 11,464 | 11,462 | 11,877 | 12,292 | 12,707 | 13,123 | 13,538 | 13,953 | 14,368 | 14,784 | 15,199 | 15,614 | 16,073 | 16,571 | 21,620 | 25,264 | 26,487 |
| 80-84 | 15,199 | 15,935 | 16,654 | 17,258 | 17,587 | 17,853 | 18,238 | 18,613 | 18,728 | 19,044 | 19,360 | 19,675 | 19,991 | 20,307 | 20,623 | 20,938 | 21,254 | 21,570 | 21,886 | 22,530 | 23,227 | 34,222 | 40,762 | 43,016 |
| 85+ | 24,246 | 25,543 | 26,522 | 27,912 | 29,688 | 31,383 | 32,919 | 34,375 | 36,106 | 37,453 | 38,799 | 40,146 | 41,493 | 42,839 | 44,186 | 45,533 | 46,879 | 48,226 | 49,573 | 51,031 | 52,610 | 67,229 | 101,514 | 129,921 |
| TOTAL P | 64,927 | 67,123 | 69,131 | 71,358 | 73,812 | 76,220 | 78,525 | 80,793 | 83,199 | 85,910 | 88,621 | 91,331 | 94,042 | 96,753 | 99,464 | 102,175 | 104,886 | 107,597 | 110,308 | 113,552 | 117,067 | 149,480 | 194,798 | 227,243 |
| % of Pop'n | 0.98% | 1.00% | 1.02% | 1.05% | 1.07% | 1.10% | 1.12% | 1.15% | 1.17% | 1.20% | 1.23% | 1.26% | 1.29% | 1.32% | 1.34% | 1.37% | 1.40% | 1.43% | 1.45% | 1.49% | 1.52% | 1.87% | 2.36% | 2.72% |

# 3. INCIDENCE ESTIMATES AND PROJECTIONS

Incidence rates for dementia by age group over 60 and by gender are estimated and reported by Jorm et al (in press) from meta-analyses (Wancata et al, 2003). As with prevalence, we averaged the rates from the source studies for each age-gender group and present the results in Table 19 below.

**TABLE 19 INCIDENCE RATES, BY 60+ AGE GROUP & GENDER (%)**

| Age group | Female | Male |
|---|---|---|
| 60-64 | 0.1 | 0.1 |
| 65-69 | 0.4 | 0.4 |
| 70-74 | 0.9 | 0.9 |
| 75-79 | 2.1 | 2.0 |
| 80-84 | 3.9 | 3.8 |
| 85-89 | 6.6 | 6.2 |
| 90-94 | 10.6 | 9.6 |
| 95+ | 8.7 | 8.7 |

Sources: Jorm and Jolley (1998), Gao et al (1998), Launer et al (19999) Fratiglioni (2000).

The table shows that incidence rises steadily with age, which of course underlies the same pattern in prevalence. An interesting but quite well correlated point is that in the oldest people, the 95+ group, the incidence rate appears to taper off a little, although this may be a result of small sample size.

Jorm et al (in press) do not present incidence rates for people aged under 60. Instead, the number of new cases in the under-60 group is estimated separately using the prevalence estimates and projections described above and ABS mortality data (ABS, 2003b) to solve for incidence in the following equation.

$$\text{Prevalence}_t = \text{Prevalence}_{t-1} + \text{Incidence}_t - \text{Mortality}_t$$

As with prevalence, these incidence rates are applied to the population at risk (ie after subtracting prevalence) for the years 2001-2022 and then for each decade to 2050.

## 3.1 INCIDENCE FOR NSW AS A WHOLE

**In 2005 there are estimated to be over 18,100 new cases of dementia in NSW (0.27% of the NSW population), of which over 11,000 are women.**

**The majority (68%) of new cases present in people aged between 75 to 89 and over a quarter will be people aged 80-84.** An approximation of the average duration of dementia can be estimated by dividing prevalence by incidence, providing an estimate of 3.9 years overall, higher for people in their sixties than for those in older age groups, as the likelihood of dying (either from the underlying disease causing dementia or from something else) increases with age.

**By 2050 there are projected to be nearly 54,700 new cases of dementia diagnosed every year, or over three quarters of the total number of cases (new and existing) in NSW in 2005**. Figures of this magnitude drive home the importance of giving priority to dementia research for cause, cure and care as recommended in Access Economics (2003).

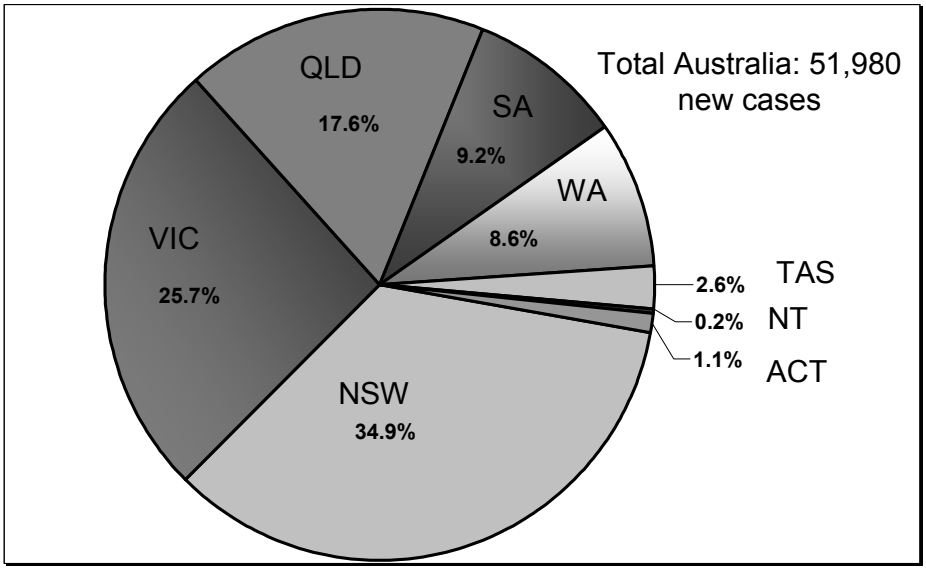
The States/Territories with younger and fast-growing populations – WA, Queensland, the Northern Territory and the Australian Capital Territory – have the highest growth of dementia incidence together with increasing shares over 2001-2050 of the national total. Table 20 provides greater detail by State/Territory over 2001-2050, while Figure 10 depicts the shares in 2005, which are identical to those for prevalence.

**TABLE 20 DEMENTIA INCIDENCE ('000), BY STATE/TERRITORY, 2001-2050**

| | NSW | VIC | QLD | SA | WA | TAS | NT | ACT | AUST |
|---|---|---|---|---|---|---|---|---|---|
| 2001 | 16.1 | 11.8 | 7.8 | 4.3 | 3.9 | 1.2 | 0.1 | 0.5 | 45.7 |
| 2002 | 16.6 | 12.2 | 8.2 | 4.4 | 4.0 | 1.3 | 0.1 | 0.5 | 47.2 |
| 2003 | 17.1 | 12.6 | 8.5 | 4.5 | 4.2 | 1.3 | 0.1 | 0.5 | 48.9 |
| 2004 | 17.6 | 13.0 | 8.8 | 4.7 | 4.3 | 1.3 | 0.1 | 0.6 | 50.4 |
| 2005 | 18.1 | 13.4 | 9.2 | 4.8 | 4.5 | 1.4 | 0.1 | 0.6 | 52.0 |
| 2006 | 18.7 | 13.9 | 9.5 | 4.9 | 4.7 | 1.4 | 0.1 | 0.6 | 53.8 |
| 2007 | 19.2 | 14.3 | 9.9 | 5.1 | 4.8 | 1.4 | 0.1 | 0.6 | 55.5 |
| 2008 | 19.8 | 14.7 | 10.3 | 5.2 | 5.0 | 1.5 | 0.1 | 0.7 | 57.2 |
| 2009 | 20.3 | 15.1 | 10.7 | 5.3 | 5.2 | 1.5 | 0.2 | 0.7 | 58.8 |
| 2010 | 20.8 | 15.6 | 11.1 | 5.4 | 5.4 | 1.6 | 0.2 | 0.7 | 60.6 |
| 2020 | 27.3 | 20.8 | 16.4 | 6.9 | 7.9 | 2.1 | 0.3 | 1.1 | 82.5 |
| 2030 | 37.4 | 28.7 | 25.0 | 9.2 | 11.9 | 2.8 | 0.4 | 1.6 | 116.6 |
| 2040 | 48.0 | 37.2 | 34.3 | 11.3 | 16.1 | 3.4 | 0.5 | 2.0 | 152.4 |
| 2050 | 54.7 | 42.9 | 41.3 | 12.0 | 19.0 | 3.4 | 0.7 | 2.3 | 175.6 |
| 2000-50* | 3.4 | 3.6 | 5.3 | 2.8 | 4.9 | 2.8 | 5.9 | 4.7 | 3.9 |
| Growth rank* | 6 | 5 | 2 | 7 | 3 | 8 | 1 | 4 | |
| Share 2001 | 35.2% | 25.9% | 17.2% | 9.3% | 8.5% | 2.7% | 0.2% | 1.1% | 100.0% |
| Share 2050 | 31.2% | 24.5% | 23.5% | 6.9% | 10.8% | 2.0% | 0.4% | 1.3% | 100.0% |
| %pop'n 2001 | 0.24% | 0.25% | 0.22% | 0.28% | 0.20% | 0.26% | 0.06% | 0.15% | 0.24% |
| %pop'n 2050 | 0.66% | 0.69% | 0.65% | 0.81% | 0.66% | 0.88% | 0.22% | 0.58% | 0.67% |

* *2000-50* is the prevalence in 2050 divided by the prevalence in 2000 (ie the factor of growth over the period). The *growth rank* ranks States/Territories according to the factor of growth from fastest (1) to slowest (8).

**FIGURE 10 DEMENTIA INCIDENCE BY STATE/TERRITORY (% TOTAL), 2005**




Tables 23 and 24 on the following pages compare incidence in NSW, by age and gender group, with that across Australia. Incidence trends mirror those for prevalence, with 'older' states such as NSW having higher levels of incidence, but slower growth over the next half a century than other jurisdictions with relatively younger populations.

## TABLE 21 DEMENTIA INCIDENCE BY AGE & GENDER, NSW, 2001-2050

| NSW ('000) | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2020 | 2030 | 2040 | 2050 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Male** | | | | | | | | | | | | | | |
| 0-59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 - | 0.00 |
| 60-64 | 0.15 | 0.16 | 0.16 | 0.17 | 0.18 | 0.18 | 0.20 | 0.21 | 0.21 | 0.22 | 0.25 | 0.26 | 0.26 | 0.28 |
| 65-69 | 0.48 | 0.49 | 0.50 | 0.52 | 0.54 | 0.55 | 0.57 | 0.58 | 0.61 | 0.63 | 0.84 | 0.98 | 1.02 | 1.04 |
| 70-74 | 0.96 | 0.96 | 0.95 | 0.94 | 0.93 | 0.94 | 0.97 | 1.00 | 1.03 | 1.07 | 1.63 | 1.89 | 1.98 | 2.03 |
| 75-79 | 1.54 | 1.57 | 1.61 | 1.65 | 1.67 | 1.69 | 1.69 | 1.68 | 1.68 | 1.67 | 2.38 | 3.26 | 3.87 | 4.08 |
| 80-84 | 1.52 | 1.62 | 1.72 | 1.81 | 1.89 | 1.95 | 2.00 | 2.06 | 2.13 | 2.17 | 2.68 | 4.27 | 5.09 | 5.48 |
| 85-89 | 1.04 | 1.10 | 1.14 | 1.18 | 1.25 | 1.37 | 1.47 | 1.57 | 1.66 | 1.75 | 2.20 | 3.38 | 4.79 | 5.89 |
| 90-94 | 0.39 | 0.43 | 0.48 | 0.51 | 0.55 | 0.58 | 0.61 | 0.63 | 0.66 | 0.71 | 1.29 | 1.77 | 2.99 | 3.76 |
| 95+ | 0.08 | 0.09 | 0.10 | 0.11 | 0.11 | 0.12 | 0.13 | 0.15 | 0.16 | 0.17 | 0.37 | 0.58 | 0.95 | 1.50 |
| **TOTAL M** | **6.18** | **6.42** | **6.67** | **6.88** | **7.12** | **7.38** | **7.64** | **7.89** | **8.14** | **8.40** | **11.64** | **16.38** | **20.96** | **24.06** |
| % of M Population | 0.19% | 0.19% | 0.20% | 0.21% | 0.21% | 0.22% | 0.22% | 0.23% | 0.23% | 0.24% | 0.31% | 0.41% | 0.51% | 0.58% |
| % M of total Inc | 38.4% | 38.6% | 38.9% | 39.1% | 39.3% | 39.5% | 39.7% | 39.9% | 40.1% | 40.4% | 42.6% | 43.8% | 43.7% | 44.0% |
| **Female** | | | | | | | | | | | | | | |
| 0-59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 - | 0.00 |
| 60-64 | 0.15 | 0.16 | 0.16 | 0.17 | 0.17 | 0.18 | 0.19 | 0.21 | 0.21 | 0.22 | 0.26 | 0.26 | 0.26 | 0.28 |
| 65-69 | 0.51 | 0.52 | 0.53 | 0.54 | 0.56 | 0.57 | 0.58 | 0.59 | 0.62 | 0.64 | 0.89 | 1.01 | 1.05 | 1.05 |
| 70-74 | 1.02 | 1.01 | 0.99 | 0.98 | 0.98 | 0.98 | 1.00 | 1.03 | 1.06 | 1.08 | 1.62 | 1.91 | 1.96 | 1.97 |
| 75-79 | 2.07 | 2.08 | 2.10 | 2.12 | 2.11 | 2.12 | 2.10 | 2.07 | 2.05 | 2.05 | 2.70 | 3.77 | 4.35 | 4.54 |
| 80-84 | 2.48 | 2.59 | 2.69 | 2.80 | 2.89 | 2.92 | 2.95 | 2.99 | 3.03 | 3.03 | 3.39 | 5.22 | 6.22 | 6.45 |
| 85-89 | 2.20 | 2.28 | 2.34 | 2.37 | 2.44 | 2.60 | 2.74 | 2.86 | 2.98 | 3.09 | 3.33 | 4.61 | 6.57 | 7.72 |
| 90-94 | 1.21 | 1.28 | 1.36 | 1.43 | 1.52 | 1.57 | 1.63 | 1.68 | 1.72 | 1.79 | 2.59 | 3.11 | 4.99 | 6.14 |
| 95+ | 0.25 | 0.27 | 0.30 | 0.33 | 0.36 | 0.39 | 0.41 | 0.44 | 0.47 | 0.51 | 0.89 | 1.14 | 1.63 | 2.50 |
| **TOTAL F** | **9.90** | **10.20** | **10.47** | **10.74** | **11.01** | **11.32** | **11.61** | **11.88** | **12.14** | **12.41** | **15.67** | **21.04** | **27.02** | **30.63** |
| % of F Population | 0.30% | 0.31% | 0.31% | 0.32% | 0.32% | 0.33% | 0.33% | 0.34% | 0.34% | 0.35% | 0.41% | 0.52% | 0.65% | 0.73% |
| % F of total Inc | 61.6% | 61.4% | 61.1% | 60.9% | 60.7% | 60.5% | 60.3% | 60.1% | 59.9% | 59.6% | 57.4% | 56.2% | 56.3% | 56.0% |
| **Persons** | | | | | | | | | | | | | | |
| 0-59 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 - | 0.00 |
| 60-64 | 0.31 | 0.31 | 0.32 | 0.33 | 0.35 | 0.36 | 0.39 | 0.41 | 0.43 | 0.44 | 0.51 | 0.52 | 0.53 | 0.56 |
| 65-69 | 0.99 | 1.01 | 1.03 | 1.06 | 1.09 | 1.12 | 1.14 | 1.17 | 1.22 | 1.28 | 1.73 | 2.00 | 2.07 | 2.09 |
| 70-74 | 1.98 | 1.98 | 1.94 | 1.92 | 1.91 | 1.92 | 1.97 | 2.02 | 2.09 | 2.16 | 3.25 | 3.80 | 3.94 | 3.99 |
| 75-79 | 3.61 | 3.65 | 3.71 | 3.77 | 3.78 | 3.80 | 3.80 | 3.76 | 3.72 | 3.72 | 5.08 | 7.03 | 8.22 | 8.62 |
| 80-84 | 4.00 | 4.21 | 4.41 | 4.61 | 4.78 | 4.87 | 4.95 | 5.05 | 5.16 | 5.19 | 6.07 | 9.50 | 11.31 | 11.94 |
| 85-89 | 3.25 | 3.38 | 3.48 | 3.54 | 3.69 | 3.97 | 4.21 | 4.43 | 4.65 | 4.84 | 5.53 | 7.98 | 11.36 | 13.61 |
| 90-94 | 1.60 | 1.71 | 1.83 | 1.94 | 2.06 | 2.15 | 2.24 | 2.32 | 2.38 | 2.50 | 3.88 | 4.88 | 7.98 | 9.90 |
| 95+ | 0.33 | 0.36 | 0.41 | 0.44 | 0.47 | 0.51 | 0.55 | 0.59 | 0.63 | 0.68 | 1.26 | 1.71 | 2.58 | 4.00 |
| **TOTAL P** | **16.08** | **16.62** | **17.14** | **17.62** | **18.13** | **18.71** | **19.24** | **19.76** | **20.28** | **20.81** | **27.31** | **37.42** | **47.98** | **54.70** |
| % of Population | 0.24% | 0.25% | 0.26% | 0.26% | 0.27% | 0.27% | 0.28% | 0.28% | 0.29% | 0.29% | 0.36% | 0.47% | 0.58% | 0.66% |

## TABLE 22 DEMENTIA INCIDENCE BY AGE & GENDER, AUSTRALIA, 2001-2050

| AUST ('000) | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2020 | 2030 | 2040 | 2050 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Male** | | | | | | | | | | | | | | |
| 0-59 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-64 | 0.45 | 0.46 | 0.48 | 0.50 | 0.52 | 0.54 | 0.58 | 0.62 | 0.65 | 0.67 | 0.77 | 0.81 | 0.81 | 0.89 |
| 65-69 | 1.39 | 1.42 | 1.47 | 1.52 | 1.58 | 1.63 | 1.68 | 1.74 | 1.81 | 1.90 | 2.58 | 3.03 | 3.15 | 3.26 |
| 70-74 | 2.73 | 2.74 | 2.71 | 2.70 | 2.70 | 2.74 | 2.82 | 2.92 | 3.04 | 3.17 | 4.99 | 5.84 | 6.21 | 6.33 |
| 75-79 | 4.36 | 4.48 | 4.61 | 4.73 | 4.80 | 4.87 | 4.90 | 4.88 | 4.89 | 4.91 | 7.24 | 10.14 | 12.07 | 12.78 |
| 80-84 | 4.26 | 4.56 | 4.87 | 5.16 | 5.39 | 5.60 | 5.78 | 5.98 | 6.18 | 6.32 | 8.12 | 13.37 | 16.08 | 17.52 |
| 85-89 | 3.02 | 3.15 | 3.28 | 3.35 | 3.57 | 3.90 | 4.22 | 4.52 | 4.81 | 5.07 | 6.63 | 10.55 | 15.31 | 18.87 |
| 90-94 | 1.19 | 1.27 | 1.40 | 1.51 | 1.62 | 1.70 | 1.78 | 1.85 | 1.91 | 2.08 | 3.90 | 5.54 | 9.66 | 12.28 |
| 95+ | 0.24 | 0.27 | 0.31 | 0.32 | 0.35 | 0.37 | 0.40 | 0.44 | 0.48 | 0.52 | 1.13 | 1.81 | 3.08 | 4.99 |
| **TOTAL M** | **17.66** | **18.37** | **19.13** | **19.79** | **20.53** | **21.36** | **22.17** | **22.96** | **23.78** | **24.64** | **35.36** | **51.10** | **66.39** | **76.92** |
| % of M Population | 0.18% | 0.19% | 0.19% | 0.20% | 0.20% | 0.21% | 0.22% | 0.22% | 0.23% | 0.23% | 0.31% | 0.42% | 0.52% | 0.59% |
| % M of total Inc | 38.7% | 38.9% | 39.1% | 39.3% | 39.5% | 39.7% | 40.0% | 40.2% | 40.4% | 40.6% | 42.8% | 43.8% | 43.6% | 43.8% |
| **Female** | | | | | | | | | | | | | | |
| 0-59 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 - | 0.00 |
| 60-64 | 0.45 | 0.46 | 0.47 | 0.49 | 0.51 | 0.54 | 0.58 | 0.62 | 0.65 | 0.68 | 0.80 | 0.83 | 0.83 | 0.89 |
| 65-69 | 1.45 | 1.48 | 1.52 | 1.57 | 1.62 | 1.67 | 1.71 | 1.76 | 1.84 | 1.92 | 2.74 | 3.17 | 3.30 | 3.35 |
| 70-74 | 2.88 | 2.86 | 2.83 | 2.80 | 2.81 | 2.83 | 2.90 | 2.99 | 3.10 | 3.20 | 5.02 | 5.96 | 6.24 | 6.23 |
| 75-79 | 5.83 | 5.88 | 5.95 | 6.02 | 6.01 | 6.04 | 6.01 | 5.96 | 5.93 | 5.95 | 8.20 | 11.83 | 13.77 | 14.42 |
| 80-84 | 6.94 | 7.27 | 7.62 | 7.95 | 8.20 | 8.34 | 8.44 | 8.58 | 8.72 | 8.74 | 10.23 | 16.41 | 19.74 | 20.89 |
| 85-89 | 6.28 | 6.45 | 6.57 | 6.63 | 6.87 | 7.35 | 7.78 | 8.19 | 8.56 | 8.88 | 9.91 | 14.27 | 20.95 | 24.84 |
| 90-94 | 3.45 | 3.65 | 3.89 | 4.14 | 4.38 | 4.53 | 4.68 | 4.79 | 4.87 | 5.12 | 7.67 | 9.60 | 15.99 | 19.85 |
| 95+ | 0.72 | 0.78 | 0.87 | 0.95 | 1.03 | 1.11 | 1.20 | 1.29 | 1.39 | 1.49 | 2.63 | 3.47 | 5.17 | 8.17 |
| **TOTAL F** | **28.01** | **28.86** | **29.74** | **30.57** | **31.44** | **32.42** | **33.32** | **34.19** | **35.06** | **35.99** | **47.19** | **65.54** | **85.98** | **98.63** |
| % of F Population | 0.29% | 0.29% | 0.30% | 0.30% | 0.31% | 0.31% | 0.32% | 0.32% | 0.33% | 0.34% | 0.40% | 0.53% | 0.66% | 0.74% |
| % F of total Inc | 61.3% | 61.1% | 60.9% | 60.7% | 60.5% | 60.3% | 60.0% | 59.8% | 59.6% | 59.4% | 57.2% | 56.2% | 56.4% | 56.2% |
| **Persons** | | | | | | | | | | | | | | |
| 0-59 | 0.03 | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-64 | 0.90 | 0.92 | 0.95 | 0.99 | 1.03 | 1.08 | 1.17 | 1.24 | 1.29 | 1.34 | 1.56 | 1.64 | 1.64 | 1.78 |
| 65-69 | 2.83 | 2.91 | 2.99 | 3.10 | 3.21 | 3.29 | 3.40 | 3.50 | 3.65 | 3.82 | 5.33 | 6.19 | 6.45 | 6.61 |
| 70-74 | 5.61 | 5.60 | 5.54 | 5.50 | 5.50 | 5.57 | 5.72 | 5.92 | 6.14 | 6.37 | 10.01 | 11.81 | 12.45 | 12.56 |
| 75-79 | 10.19 | 10.36 | 10.55 | 10.74 | 10.82 | 10.91 | 10.91 | 10.85 | 10.82 | 10.86 | 15.44 | 21.97 | 25.84 | 27.19 |
| 80-84 | 11.20 | 11.83 | 12.50 | 13.11 | 13.59 | 13.94 | 14.22 | 14.56 | 14.90 | 15.06 | 18.34 | 29.78 | 35.83 | 38.41 |
| 85-89 | 9.30 | 9.60 | 9.85 | 9.98 | 10.44 | 11.25 | 12.00 | 12.71 | 13.38 | 13.95 | 16.54 | 24.82 | 36.25 | 43.71 |
| 90-94 | 4.63 | 4.92 | 5.29 | 5.65 | 6.00 | 6.23 | 6.46 | 6.64 | 6.79 | 7.20 | 11.56 | 15.14 | 25.66 | 32.13 |
| 95+ | 0.96 | 1.05 | 1.18 | 1.27 | 1.37 | 1.48 | 1.60 | 1.73 | 1.86 | 2.01 | 3.75 | 5.28 | 8.25 | 13.16 |
| **TOTAL P** | **45.67** | **47.23** | **48.87** | **50.36** | **51.98** | **53.78** | **55.49** | **57.15** | **58.84** | **60.62** | **82.54** | **116.64** | **152.37** | **175.56** |
| % of Population | 0.24% | 0.24% | 0.25% | 0.25% | 0.26% | 0.26% | 0.27% | 0.27% | 0.28% | 0.28% | 0.36% | 0.47% | 0.59% | 0.67% |

## 3.2 INCIDENCE ESTIMATES AND PROJECTIONS FOR NSW REGIONS

Dementia incidence in each of the NSW AHS regions is constructed in a similar manner to the preceding prevalence estimates and projections, this time applying the incidence rates in Table 19 to the ABS population projections for each AHS.

Estimates and projections of incidence for the NSW AHS regions must be treated with caution. Since these numbers are quite small, any such calculations are not as robust as at the higher levels of aggregation. For this reason, we only provide estimates or projections of incidence in each AHS by gender, rather than disaggregating further into five year age groups.

Table 23 provides a summary of projected dementia incidence in each of the NSW AHS regions, while Table 24 provides greater detail, including the gender split. Figures 11 to 14 provide a graphical representation, showing that trends in incidence across the AHS regions primarily mirror prevalence trends.

**TABLE 23 DEMENTIA INCIDENCE, NSW AHS REGIONS, SELECTED YEARS**

| | 2002 | 2005 | 2010 | 2020 | 2030 | 2040 | 2050 | 2002-50* |
|---|---|---|---|---|---|---|---|---|
| **Greater Southern** | 1,179 | 1,291 | 1,489 | 1,970 | 2,667 | 3,388 | 3,807 | 3.2 |
| % population | 0.3% | 0.3% | 0.3% | 0.4% | 0.5% | 0.6% | 0.7% | |
| % share | 7.1% | 7.1% | 7.2% | 7.2% | 7.1% | 7.1% | 7.0% | |
| Increase over previous period | | 9.5% | 15.3% | 32.2% | 35.4% | 27.0% | 12.4% | |
| **Greater Western** | 757 | 812 | 914 | 1,163 | 1,588 | 2,034 | 2,315 | 3.1 |
| % population | 0.3% | 0.3% | 0.3% | 0.4% | 0.5% | 0.6% | 0.7% | |
| % share | 4.6% | 4.5% | 4.4% | 4.3% | 4.2% | 4.2% | 4.2% | |
| Increase over previous period | | 7.2% | 12.6% | 27.3% | 36.6% | 28.0% | 13.8% | |
| **Hunter/New England** | 2,248 | 2,454 | 2,817 | 3,691 | 5,108 | 6,595 | 7,547 | 3.4 |
| % population | 0.3% | 0.3% | 0.3% | 0.4% | 0.5% | 0.7% | 0.7% | |
| % share | 13.5% | 13.5% | 13.5% | 13.5% | 13.7% | 13.7% | 13.8% | |
| Increase over previous period | | 9.2% | 14.8% | 31.0% | 38.4% | 29.1% | 14.4% | |
| **North Coast** | 1,394 | 1,547 | 1,810 | 2,434 | 3,411 | 4,446 | 5,117 | 3.7 |
| % population | 0.3% | 0.3% | 0.4% | 0.5% | 0.6% | 0.7% | 0.8% | |
| % share | 8.4% | 8.5% | 8.7% | 8.9% | 9.1% | 9.3% | 9.4% | |
| Increase over previous period | | 11.0% | 17.0% | 34.5% | 40.2% | 30.3% | 15.1% | |
| **Northern Sydney/Central Coast** | 3,133 | 3,366 | 3,779 | 4,800 | 6,611 | 8,581 | 9,865 | 3.1 |
| % population | 0.3% | 0.3% | 0.3% | 0.4% | 0.5% | 0.6% | 0.7% | |
| % share | 18.9% | 18.6% | 18.2% | 17.6% | 17.7% | 17.9% | 18.0% | |
| Increase over previous period | | 7.4% | 12.3% | 27.0% | 37.7% | 29.8% | 15.0% | |
| **South Eastern Sydney/Illawarra** | 3,010 | 3,273 | 3,730 | 4,784 | 6,554 | 8,459 | 9,690 | 3.2 |
| % population | 0.3% | 0.3% | 0.3% | 0.4% | 0.5% | 0.6% | 0.7% | |
| % share | 18.1% | 18.0% | 17.9% | 17.5% | 17.5% | 17.6% | 17.7% | |
| Increase over previous period | | 8.7% | 14.0% | 28.2% | 37.0% | 29.1% | 14.5% | |
| **South Western Sydney** | 2,799 | 3,065 | 3,548 | 4,705 | 6,370 | 8,065 | 9,133 | 3.3 |
| % population | 0.2% | 0.2% | 0.3% | 0.3% | 0.4% | 0.5% | 0.5% | |
| % share | 16.8% | 16.9% | 17.0% | 17.2% | 17.0% | 16.8% | 16.7% | |
| Increase over previous period | | 9.5% | 15.7% | 32.6% | 35.4% | 26.6% | 13.2% | |
| **Western Sydney** | 2,100 | 2,325 | 2,727 | 3,766 | 5,109 | 6,415 | 7,225 | 3.4 |
| % population | 0.2% | 0.2% | 0.2% | 0.3% | 0.4% | 0.5% | 0.5% | |
| % share | 12.6% | 12.8% | 13.1% | 13.8% | 13.7% | 13.4% | 13.2% | |
| Increase over previous period | | 10.7% | 17.3% | 38.1% | 35.7% | 25.6% | 12.6% | |
| **Total Metropolitan** | 11,042 | 12,030 | 13,784 | 18,054 | 24,645 | 31,520 | 35,912 | 3.3 |
| % population | 0.2% | 0.3% | 0.3% | 0.3% | 0.4% | 0.5% | 0.6% | |
| % share | 66.4% | 66.3% | 66.2% | 66.1% | 65.9% | 65.7% | 65.7% | |
| Increase over previous period | | 8.9% | 14.6% | 31.0% | 36.5% | 27.9% | 13.9% | |
| **Total Regional** | 5,578 | 6,104 | 7,031 | 9,258 | 12,775 | 16,463 | 18,786 | 3.4 |
| % population | 0.3% | 0.3% | 0.3% | 0.4% | 0.5% | 0.7% | 0.7% | |
| % share | 33.6% | 33.7% | 33.8% | 33.9% | 34.1% | 34.3% | 34.3% | |
| Increase over previous period | | 9.4% | 15.2% | 31.7% | 38.0% | 28.9% | 14.1% | |
| **Total New South Wales** | **16,620** | **18,134** | **20,815** | **27,312** | **37,419** | **47,983** | **54,699** | **3.3** |
| % population | 0.3% | 0.3% | 0.3% | 0.4% | 0.5% | 0.6% | 0.7% | |
| % share | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |
| Increase over previous period | | 9.1% | 14.8% | 31.2% | 37.0% | 28.2% | 14.0% | |

* *2000-50* is the prevalence in 2050 divided by the prevalence in 2002 (ie the factor of growth over the period).

**Across NSW the number of new dementia cases per year is projected to increase by a factor of 3.3 from 2002 to 2050**. Again the rate of growth differs somewhat between AHS regions.

- **By far the greatest growth in dementia incidence will be on the North Coast,** where the number of new cases is projected to increase from just under 1,400 in 2002 to over 5,100 in 2050, approaching a fourfold increase.
- As with prevalence, the three regions with slowest growth in incidence are the Greater Western, Northern Sydney/Central Coast and South Eastern Sydney/Illawarra.

FIGURE 11 DEMENTIA INCIDENCE, METROPOLITAN AHSS, SELECTED YEARS

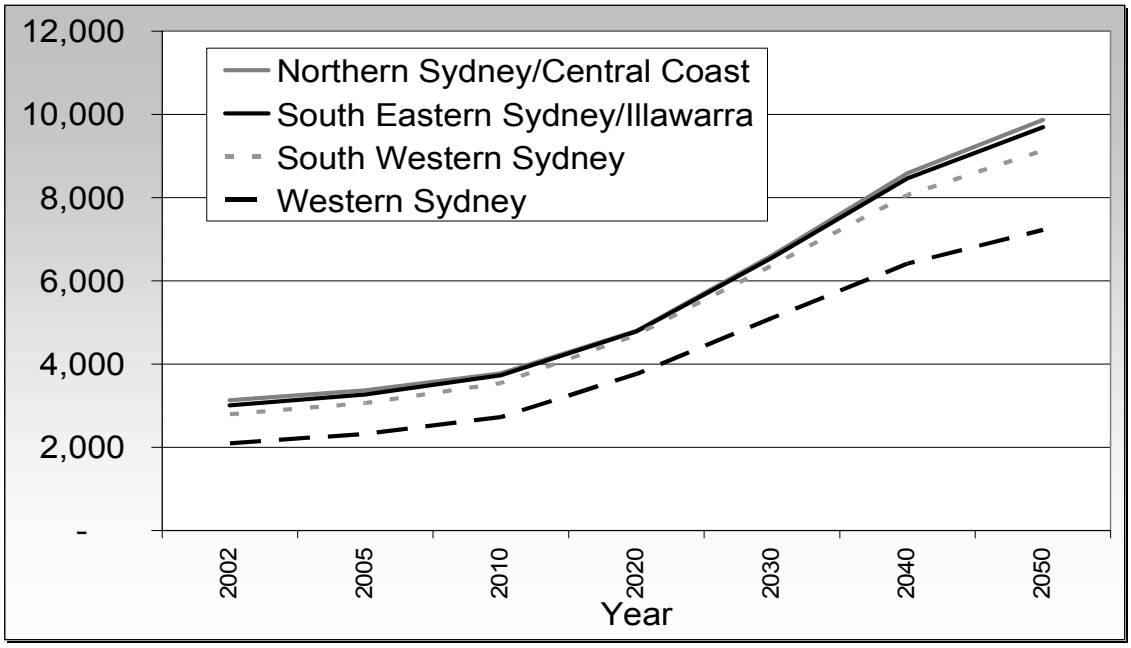


FIGURE 12 DEMENTIA INCIDENCE, REGIONAL AHSS, SELECTED YEARS

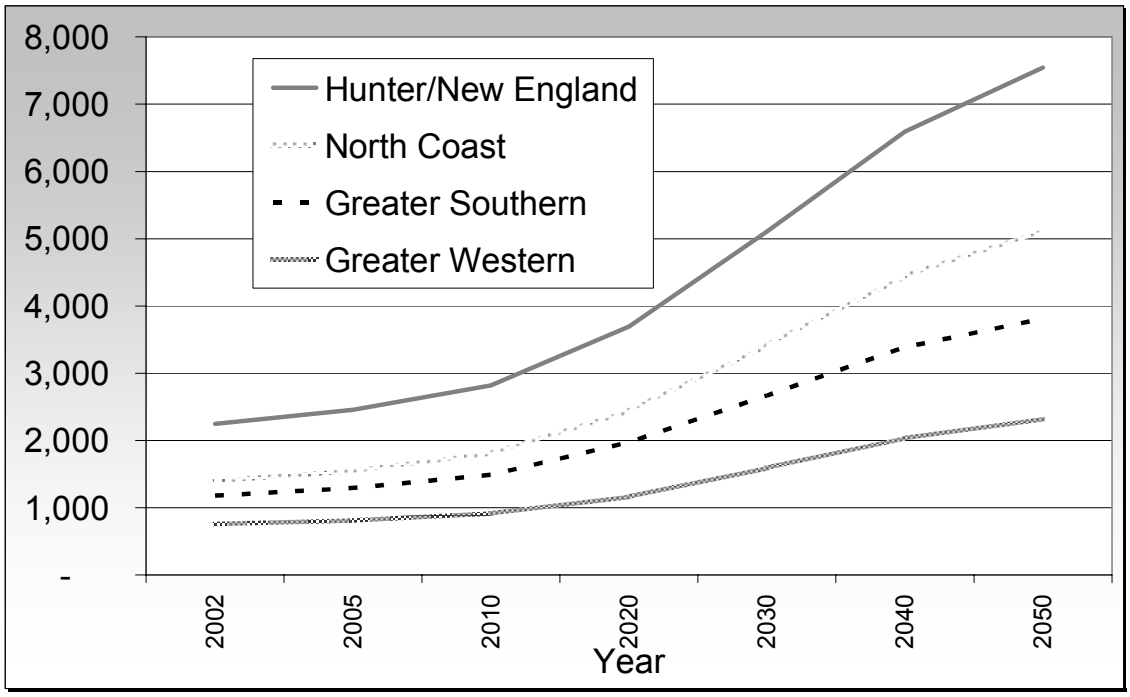



FIGURE 13 DEMENTIA INCIDENCE (% OF POPULATION) BY NSW REGION, 2002-2050

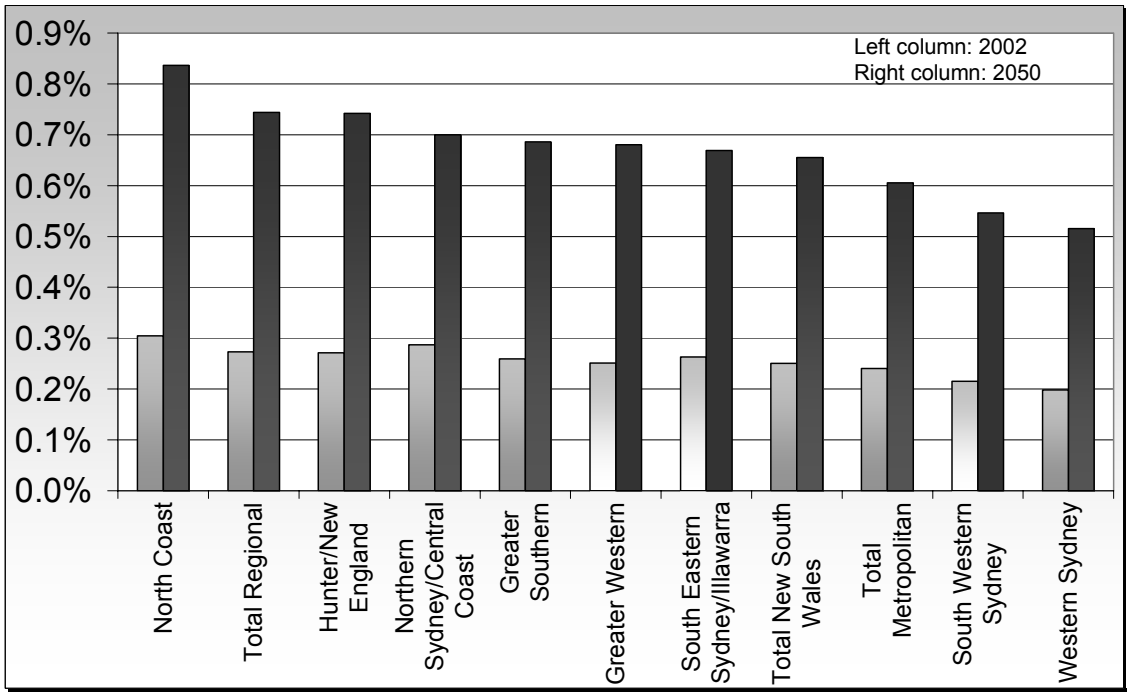
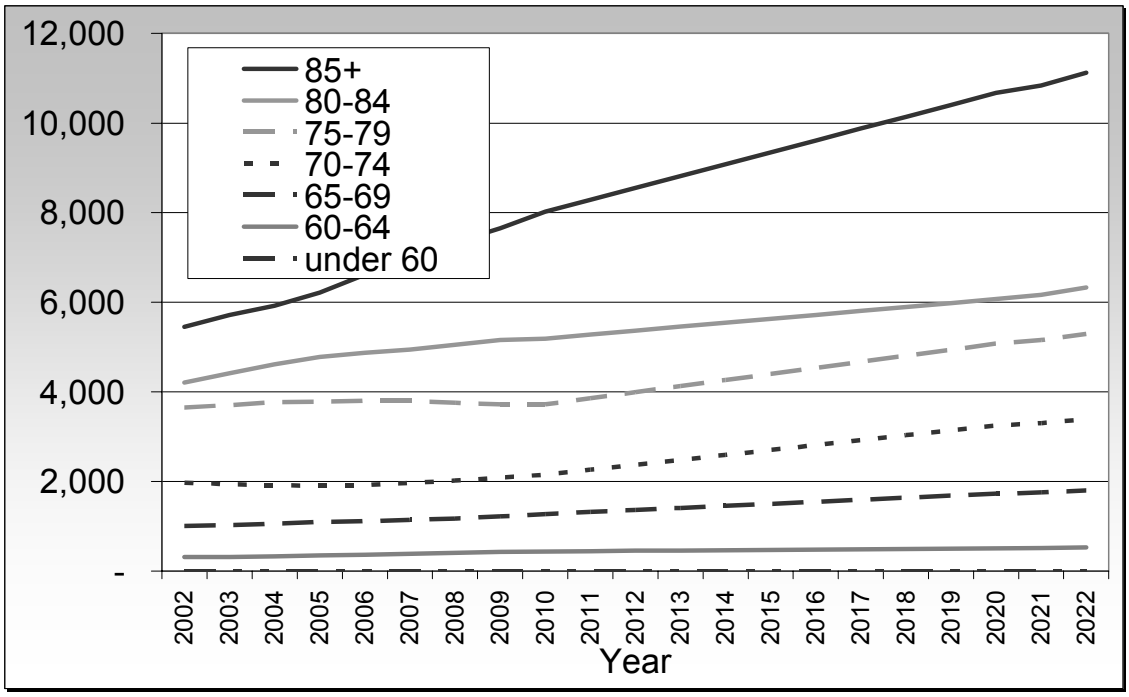


FIGURE 14 DEMENTIA INCIDENCE BY AGE GROUP, NSW, 2002-2022



## TABLE 24 DEMENTIA INCIDENCE BY GENDER, NSW AHS REGIONS, 2002-2050

| | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2030 | 2040 | 2050 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Greater Southern** | | | | | | | | | | | | | | | | | | | | | | | | |
| Male | 578 | 595 | 613 | 632 | 651 | 671 | 689 | 708 | 728 | 752 | 777 | 801 | 825 | 850 | 873 | 898 | 922 | 945 | 968 | 982 | 1,009 | 1,009 | 1,311 | 1,649 |
| Female | 601 | 621 | 640 | 660 | 681 | 701 | 720 | 740 | 761 | 785 | 809 | 834 | 858 | 883 | 906 | 929 | 953 | 978 | 1,001 | 1,016 | 1,042 | 1,042 | 1,357 | 1,739 |
| **Total** | **1,179** | **1,217** | **1,253** | **1,291** | **1,332** | **1,372** | **1,410** | **1,448** | **1,489** | **1,537** | **1,586** | **1,634** | **1,683** | **1,732** | **1,779** | **1,827** | **1,875** | **1,922** | **1,970** | **1,998** | **2,051** | **2,051** | **2,667** | **3,388** |
| **Greater Western** | | | | | | | | | | | | | | | | | | | | | | | | |
| Male | 365 | 374 | 383 | 393 | 404 | 414 | 424 | 433 | 444 | 457 | 471 | 483 | 496 | 508 | 520 | 533 | 546 | 558 | 569 | 575 | 589 | 589 | 761 | 951 |
| Female | 392 | 401 | 410 | 419 | 429 | 440 | 450 | 460 | 470 | 483 | 496 | 509 | 522 | 534 | 547 | 560 | 572 | 584 | 594 | 601 | 615 | 615 | 828 | 1,083 |
| **Total** | **757** | **776** | **794** | **812** | **833** | **854** | **874** | **894** | **914** | **940** | **967** | **993** | **1,018** | **1,042** | **1,067** | **1,093** | **1,118** | **1,141** | **1,163** | **1,176** | **1,203** | **1,203** | **1,588** | **2,034** |
| **Hunter/New England** | | | | | | | | | | | | | | | | | | | | | | | | |
| Male | 1,073 | 1,105 | 1,137 | 1,170 | 1,209 | 1,245 | 1,280 | 1,313 | 1,348 | 1,391 | 1,435 | 1,479 | 1,522 | 1,565 | 1,608 | 1,654 | 1,697 | 1,741 | 1,783 | 1,811 | 1,861 | 1,861 | 2,427 | 3,068 |
| Female | 1,175 | 1,214 | 1,248 | 1,284 | 1,322 | 1,359 | 1,396 | 1,432 | 1,469 | 1,514 | 1,558 | 1,603 | 1,648 | 1,692 | 1,734 | 1,777 | 1,821 | 1,865 | 1,908 | 1,934 | 1,983 | 1,983 | 2,681 | 3,527 |
| **Total** | **2,248** | **2,319** | **2,386** | **2,454** | **2,530** | **2,604** | **2,676** | **2,746** | **2,817** | **2,904** | **2,993** | **3,082** | **3,170** | **3,256** | **3,341** | **3,431** | **3,519** | **3,606** | **3,691** | **3,744** | **3,844** | **3,844** | **5,108** | **6,595** |
| **North Coast** | | | | | | | | | | | | | | | | | | | | | | | | |
| Male | 678 | 703 | 727 | 750 | 776 | 800 | 825 | 849 | 873 | 903 | 933 | 964 | 994 | 1,024 | 1,054 | 1,084 | 1,115 | 1,146 | 1,177 | 1,197 | 1,232 | 1,232 | 1,625 | 2,081 |
| Female | 716 | 744 | 770 | 797 | 827 | 856 | 882 | 909 | 937 | 969 | 1,002 | 1,034 | 1,065 | 1,098 | 1,130 | 1,162 | 1,194 | 1,225 | 1,257 | 1,278 | 1,314 | 1,314 | 1,786 | 2,365 |
| **Total** | **1,394** | **1,448** | **1,497** | **1,547** | **1,603** | **1,656** | **1,708** | **1,758** | **1,810** | **1,872** | **1,935** | **1,998** | **2,059** | **2,121** | **2,183** | **2,246** | **2,310** | **2,372** | **2,434** | **2,475** | **2,546** | **2,546** | **3,411** | **4,446** |
| **Northern Sydney/Central Coast** | | | | | | | | | | | | | | | | | | | | | | | | |
| Male | 1,423 | 1,466 | 1,503 | 1,546 | 1,592 | 1,635 | 1,676 | 1,718 | 1,763 | 1,816 | 1,870 | 1,923 | 1,978 | 2,033 | 2,086 | 2,141 | 2,195 | 2,251 | 2,307 | 2,343 | 2,406 | 2,406 | 3,125 | 3,964 |
| Female | 1,710 | 1,751 | 1,785 | 1,821 | 1,865 | 1,905 | 1,943 | 1,979 | 2,016 | 2,065 | 2,113 | 2,160 | 2,207 | 2,253 | 2,302 | 2,349 | 2,396 | 2,444 | 2,493 | 2,523 | 2,581 | 2,581 | 3,486 | 4,617 |
| **Total** | **3,133** | **3,217** | **3,288** | **3,366** | **3,457** | **3,541** | **3,619** | **3,697** | **3,779** | **3,881** | **3,982** | **4,082** | **4,184** | **4,286** | **4,388** | **4,490** | **4,591** | **4,695** | **4,800** | **4,866** | **4,987** | **4,987** | **6,611** | **8,581** |
| **South Eastern Sydney/Illawarra** | | | | | | | | | | | | | | | | | | | | | | | | |
| Male | 1,437 | 1,481 | 1,524 | 1,570 | 1,620 | 1,666 | 1,710 | 1,756 | 1,804 | 1,859 | 1,915 | 1,971 | 2,028 | 2,084 | 2,139 | 2,193 | 2,248 | 2,303 | 2,358 | 2,392 | 2,452 | 2,452 | 3,174 | 4,006 |
| Female | 1,573 | 1,617 | 1,659 | 1,703 | 1,754 | 1,798 | 1,840 | 1,883 | 1,926 | 1,981 | 2,032 | 2,082 | 2,133 | 2,183 | 2,233 | 2,281 | 2,329 | 2,378 | 2,426 | 2,455 | 2,511 | 2,511 | 3,381 | 4,453 |
| **Total** | **3,010** | **3,099** | **3,183** | **3,273** | **3,374** | **3,464** | **3,550** | **3,639** | **3,730** | **3,840** | **3,947** | **4,053** | **4,161** | **4,268** | **4,373** | **4,474** | **4,577** | **4,681** | **4,784** | **4,848** | **4,964** | **4,964** | **6,554** | **8,459** |
| **South Western Sydney** | | | | | | | | | | | | | | | | | | | | | | | | |
| Male | 1,393 | 1,439 | 1,482 | 1,529 | 1,580 | 1,629 | 1,677 | 1,726 | 1,776 | 1,836 | 1,897 | 1,958 | 2,020 | 2,082 | 2,142 | 2,203 | 2,264 | 2,325 | 2,386 | 2,429 | 2,496 | 2,496 | 3,166 | 3,916 |
| Female | 1,406 | 1,449 | 1,490 | 1,536 | 1,589 | 1,636 | 1,681 | 1,725 | 1,772 | 1,829 | 1,883 | 1,937 | 1,991 | 2,046 | 2,103 | 2,155 | 2,209 | 2,263 | 2,318 | 2,356 | 2,417 | 2,417 | 3,204 | 4,148 |
| **Total** | **2,799** | **2,888** | **2,973** | **3,065** | **3,169** | **3,265** | **3,358** | **3,451** | **3,548** | **3,665** | **3,780** | **3,895** | **4,011** | **4,128** | **4,245** | **4,358** | **4,473** | **4,588** | **4,705** | **4,785** | **4,913** | **4,913** | **6,370** | **8,065** |
| **Western Sydney** | | | | | | | | | | | | | | | | | | | | | | | | |
| Male | 1,051 | 1,090 | 1,127 | 1,166 | 1,207 | 1,249 | 1,290 | 1,332 | 1,374 | 1,425 | 1,478 | 1,532 | 1,586 | 1,642 | 1,697 | 1,753 | 1,809 | 1,867 | 1,924 | 1,964 | 2,027 | 2,027 | 2,554 | 3,134 |
| Female | 1,050 | 1,087 | 1,121 | 1,159 | 1,201 | 1,240 | 1,278 | 1,314 | 1,353 | 1,400 | 1,447 | 1,494 | 1,541 | 1,589 | 1,640 | 1,689 | 1,741 | 1,791 | 1,842 | 1,881 | 1,941 | 1,941 | 2,555 | 3,281 |
| **Total** | **2,100** | **2,177** | **2,248** | **2,325** | **2,408** | **2,489** | **2,567** | **2,646** | **2,727** | **2,825** | **2,925** | **3,026** | **3,127** | **3,230** | **3,336** | **3,442** | **3,550** | **3,658** | **3,766** | **3,846** | **3,968** | **3,968** | **5,109** | **6,415** |
| **All Metropolitan** | | | | | | | | | | | | | | | | | | | | | | | | |
| Male | 5,303 | 5,476 | 5,636 | 5,810 | 5,998 | 6,179 | 6,353 | 6,532 | 6,717 | 6,936 | 7,160 | 7,383 | 7,612 | 7,840 | 8,064 | 8,290 | 8,517 | 8,747 | 8,975 | 9,128 | 9,382 | 9,382 | 12,018 | 15,021 |
| Female | 5,739 | 5,903 | 6,055 | 6,220 | 6,409 | 6,580 | 6,741 | 6,900 | 7,067 | 7,276 | 7,474 | 7,673 | 7,871 | 8,071 | 8,278 | 8,474 | 8,675 | 8,875 | 9,079 | 9,216 | 9,450 | 9,450 | 12,626 | 16,499 |
| **Total** | **11,042** | **11,380** | **11,692** | **12,030** | **12,407** | **12,759** | **13,094** | **13,433** | **13,784** | **14,212** | **14,634** | **15,057** | **15,483** | **15,912** | **16,342** | **16,765** | **17,192** | **17,621** | **18,054** | **18,344** | **18,831** | **18,831** | **24,645** | **31,520** |
| **All Regional** | | | | | | | | | | | | | | | | | | | | | | | | |
| Male | 2,694 | 2,778 | 2,860 | 2,945 | 3,039 | 3,131 | 3,218 | 3,304 | 3,394 | 3,502 | 3,615 | 3,727 | 3,837 | 3,946 | 4,055 | 4,169 | 4,280 | 4,389 | 4,497 | 4,565 | 4,691 | 4,691 | 6,123 | 7,749 |
| Female | 2,884 | 2,981 | 3,069 | 3,159 | 3,259 | 3,355 | 3,449 | 3,541 | 3,637 | 3,751 | 3,866 | 3,981 | 4,093 | 4,205 | 4,316 | 4,428 | 4,540 | 4,651 | 4,761 | 4,829 | 4,953 | 4,953 | 6,652 | 8,714 |
| **Total** | **5,578** | **5,759** | **5,929** | **6,104** | **6,299** | **6,486** | **6,667** | **6,845** | **7,031** | **7,253** | **7,481** | **7,707** | **7,930** | **8,152** | **8,371** | **8,598** | **8,821** | **9,041** | **9,258** | **9,394** | **9,644** | **9,644** | **12,775** | **16,463** |
| **All NSW** | | | | | | | | | | | | | | | | | | | | | | | | |
| Male | 6,422 | 6,667 | 6,882 | 7,121 | 7,382 | 7,638 | 7,885 | 8,140 | 8,401 | 8,725 | 9,048 | 9,372 | 9,696 | 10,020 | 10,344 | 10,668 | 10,991 | 11,315 | 11,639 | 11,821 | 12,135 | 12,135 | 16,384 | 20,960 |
| Female | 10,198 | 10,472 | 10,738 | 11,014 | 11,324 | 11,607 | 11,876 | 12,138 | 12,414 | 12,740 | 13,066 | 13,392 | 13,717 | 14,043 | 14,369 | 14,695 | 15,021 | 15,347 | 15,672 | 15,917 | 16,340 | 16,340 | 21,036 | 27,023 |
| **Total** | **16,620** | **17,139** | **17,620** | **18,134** | **18,706** | **19,245** | **19,761** | **20,278** | **20,815** | **21,465** | **22,114** | **22,764** | **23,414** | **24,063** | **24,713** | **25,363** | **26,012** | **26,662** | **27,312** | **27,738** | **28,475** | **28,475** | **37,419** | **47,983** |

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# APPENDIX A – ABS SPECIAL DATA REQUEST

The Australian Bureau of Statistics provided data to Access Economics for this project and their report, outlining the assumptions and compilation aspects of the data, is reproduced in full below.

## Population projections for New South Wales: Statistical Local Areas and Local Government Areas, 2002 to 2022: Statistical consultancy project for Access Economics by the Australian Bureau of Statistics

### The Regions

The population projections for Statistical Local Areas (SLAs) and Local Government Areas (LGAs) in New South Wales cover the period from 30 June 2002 (base) to 2022, with results given by single of age and sex.

### Method

The cohort-component method was used for these projections. In this method, the base population is projected forward annually by calculating the effect of births, deaths and migration within each age-sex group according to the specified fertility, mortality and migration assumptions.

Projected resident population by single year of age and sex is produced in four successive stages – national, State/Territory, capital city/balance and finally Statistical Local Area (SLA). Assumptions are made for each level and the resulting projected components and population are constrained to the geographic level above for each year.

### Assumptions for capital city and balance of state/territory projections

These projections are from the medium scenario (Series B) in *Population Projections, Australia, 2002 to 2101* (ABS cat. no. 3222.0) published on 2 September 2003. They incorporate the following general assumptions:

- Fertility: Total fertility rate (at national level) declining to 1.6 babies per woman by 2011 and then remaining constant.
- Mortality: Life expectancy at birth (at national level) of 84.2 and 87.7 years for males and females respectively in 2050-51. Under this assumption, life expectancy at birth will increase by 0.30 years for males and 0.25 years for females per year until 2005-06, following which improvement will gradually decline until 2050-51.
- Overseas migration: Annual net overseas migration gain (at national level) of 100,000 by 2005-06.
- Interstate migration: 'Medium' net gains and losses from States and Territories.

The latest available base populations are used for the projections. For example, for Australia and States and Territories, preliminary 20 June 2002 Estimated Resident Population was used, while for Sydney/Balance of NSW it was final 30 June 2001 ERP.

## Assumptions for SLA Projections

The base population for SLAs was the preliminary estimated resident population in each area by single year of age and sex, at 30 June 2002. SLA fertility and mortality assumptions are derived by combining the medium scenario State/Territory assumptions from *Population Projections Australia, 2002 to 2101* with historical patterns observed in each SLA.

The assumed migration levels were based on historical trends of net migration in each SLA, the assumed levels of State/Territory overseas and interstate migration, and in some cases recent State/Territory government population or dwelling/land release projections. The assumed SLA net migration levels, largely based on recent SLA trends, were constrained to the capital city and balance of State/Territory assumptions in Series B. The age-sex distributions for the assumed migration levels were based on overseas and inter-SLA migration rates used in the calculation of published ABS SLA age-sex population estimates, which were originally derived from 2001 Census of Population and Housing migration data. SLA-specific fertility and mortality assumptions were derived using historical SLA birth, death and population data combined with assumed State-specific rates of future change.

## Nature of Projections

The nature of the projection method and inherent fluctuations in population dynamics mean that care should be taken when using and interpreting the projection results.

The projections are not exact forecasts but simply illustrate future changes which would occur if the stated assumptions were to apply over the projection period. While the projections take account of land planning and other decisions by governments known at the time the projections were derived, the ABS does not always have access to the policies or decisions of Commonwealth, State and Local Governments and businesses that assist in accurately forecasting small area populations. The projections do not attempt to allow for non-demographic factors (eg. major government policy decisions, economic factors, catastrophes, wars) which may affect future demographic behaviour.

The unpredictability of migration trends, especially in the short-term, can have a significant effect on projection results. Special care should be taken with small SLAs (populations under 1,000 people) and small age-sex cells (populations under 100 people). Accordingly, SLAs with a base population of less than 500 have generally been kept constant as the age-sex cells are too small for reliable projection.

All SLAs in these projections are based on the Australian Standard Geographic Classification boundaries as they existed at the 2001 Census (ASGC 2001). The actual boundaries for a given SLA, or for other geographic regions such as Local Government Areas (LGAs) derived from this SLA, may change over time making the projections no longer comparable with other data.

The effect of intercensal discrepancy on the base year population should also be noted. Intercensal discrepancy is the difference between the post-censal estimated resident population (ERP) of a given area at a given date, and the ERP of that area at that date following processing of the next census. Although we might expect intercensal discrepancy to affect these projections, the direction and magnitude of this discrepancy will not be known until after the 2006 Census of Population and Housing.

## Alternative Series

The ABS produces many alternative State/Territory projection series using different combinations of assumptions on fertility, mortality, overseas migration and interstate migration to illustrate a range of possible outcomes. Series A, B and C are covered in detail in *Population Projections, Australia, 2002 to 2101* (ABS cat. no. 3222.0) to illustrate a range of possible outcomes. These three series are summarised in the following table.

**TABLE 25 PROJECTED POPULATION ('000) BY CAPITAL CITY/BALANCE OF STATE, AT 30 JUNE 2022**

| Capital City/Balance of State | Assumptions | Series A | Series B | Series C |
|---|---|---|---|---|
| | Fertility: | 'High' | 'Medium' | 'Low' |
| | Life expectancy at birth: | 'High' | 'Medium' | 'Low' |
| | Overseas migration: | 'High' | 'Medium' | 'Low' |
| | Internal migration: | 'High' | 'Medium' | 'Low' |
| Sydney | | 5,159.6 | 4,947.3 | 4,700.0 |
| Balance of New South Wales | | 2,774.1 | 2,736.7 | 2,702.3 |
| *Total New South Wales* | | *7,933.6* | *7,684.0* | *7,402.3* |
| Melbourne | | 4,391.5 | 4,220.2 | 4,084.3 |
| Balance of Victoria | | 1,437.1 | 1,469.8 | 1,504.5 |
| *Total Victoria* | | *5,828.7* | *5,690.0* | *5,588.8* |
| Brisbane | | 2,524.5 | 2,318.3 | 2,132.6 |
| Balance of Queensland | | 2,984.2 | 2,738.7 | 2,479.9 |
| *Total Queensland* | | *5,508.6* | *5,057.0* | *4,612.5* |
| Adelaide | | 1,194.3 | 1,183.5 | 1,175.0 |
| Balance of South Australia | | 411.8 | 410.3 | 409.7 |
| *Total South Australia* | | *1,606.1* | *1,593.8* | *1,584.7* |
| Perth | | 1,960.3 | 1,824.8 | 1,674.8 |
| Balance of Western Australia | | 655.1 | 606.6 | 537.6 |
| *Total Western Australia* | | *2,615.4* | *2,431.4* | *2,212.4* |
| Hobart | | 221.7 | 203.1 | 189.1 |
| Balance of Tasmania | | 300.9 | 270.6 | 246.2 |
| *Total Tasmania* | | *522.5* | *473.7* | *435.3* |
| Darwin | | 160.3 | 143.2 | 116.7 |
| Balance of Northern Territory | | 125.4 | 99.5 | 84.4 |
| *Total Northern Territory* | | *285.7* | *242.8* | *201.1* |
| *Total Australian Capital Territory* | | *411.7* | *366.8* | *332.6* |
| ***Total Australia (1)*** | | ***24,715.4*** | ***25,542.3*** | ***22,372.7*** |

(1) Includes 'Other Territories'.

Note: Owing to rounding, individual figures may not sum to the stated totals.

## Important

It is important to recognise that the projection results given in this report simply reflect the assumptions made about future fertility, mortality and migration trends.

While the assumptions are formulated on the basis of an objective assessment of demographic trends over the past decade and their likely future dynamics, there can be no certainty that they will be realised.

While ABS takes responsibility for the method employed, the assumptions used are the final responsibility of the client, and the projections are not official ABS population statistics.

No liability will be accepted by the Australian Bureau of Statistics for any damages arising from decisions or actions based upon these population projections.

## Reference

The projections should be referred to as "...projections prepared by the ABS according to assumptions agreed to by Access Economics".

## Additional Information

For further information on population projections refer to the ABS publication *Population Projections Australia, 2002 to 2101* (ABS cat. no. 3222.0) available from ABS offices in all capital cities. For more information, or quotes on the preparation of alternative projections, please contact:

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