

NATIONAL ORAL HEALTH PLAN MONITORING GROUP

KEY PROCESS AND OUTCOME
PERFORMANCE INDICATORS
Second follow-up report 2002-2008

ARCPOH
NOVEMBER 2009

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Action Area One – Population Oral Health

Process Indicators	Population Oral Health
<p>Indicator 1: National Oral Health Surveys undertaken regularly</p> <p>Source: ARCPOH at The University of Adelaide in collaboration with States and Territories/Australian Dental Association</p> <p>Baseline: National Survey of Oral Health in Australia 1987/88</p> <p>Status: National Survey of Adult Oral Health 2004/06 report published March 2007 Proposed National Survey of Child Oral Health 2009/10</p>	<p>Comment.</p> <p>National oral health surveys of adults and children have been proposed on an alternative 5 year cycle. The National Survey of Adult Oral Health 2004/06 has been completed and the first report was released on 17 March 2007. Slade GD, Spencer AJ, Roberts-Thomson KF (eds). Australia's dental generations: The National Survey of Adult Oral Health 2004–06. Canberra</p> <p>A National Survey of Child Oral Health has been proposed for 2010–11.</p>

Indicator 2: The proportion of the population with access to optimally fluoridated water supplies

Sources: ABS data on Estimated Resident Population by postcode; State/territory water and public health authorities on fluoridation status, compiled by ARCPOH.

Baseline: 69.1% coverage in 2003

Status: Documented by ARCPOH. Active programmes to extend water fluoridation in NSW, Victoria and Queensland.

Update: 69.7% population coverage in 2007 (incomplete data)

Update: 88.19% population coverage in 2009:

Percentage of the population residing in areas with different fluoride levels in the public water supply 2003.

	Water fluoridation categories		
	0.0 – < 0.3	0.3 – < 0.7	≥ 0.7 mg/L
New South Wales	9.7	0.5	89.8
Victoria	24.1	0.6	75.3
Queensland	95.3	0.0	4.7
South Australia	9.8	7.6	82.6
Western Australia	8.1	1.8	90.1
Tasmania	5.3	0.0	94.7
Northern Territory	15.8	75.0	9.2
Aust. Capital Territory	0.0	0.0	100.0
<i>Australia</i>	<i>29.1</i>	<i>1.8</i>	<i>69.1</i>

Comment

Currently available national data classify water fluoride concentrations into 0.0–<0.3, 0.3–<0.7 and ≥0.7 mg/L. Most Australian fluoridated water supplies are at or above 0.7 mg/L, implying this is a threshold for appropriate concentrations. However, this creates an apparent aberration because 0.6 mg/L is the current accepted concentration in Darwin, NT. Work will be undertaken to update and reclassify fluoride concentrations.

Percentage of the population residing in areas with different fluoride levels in the public water supply 2007.

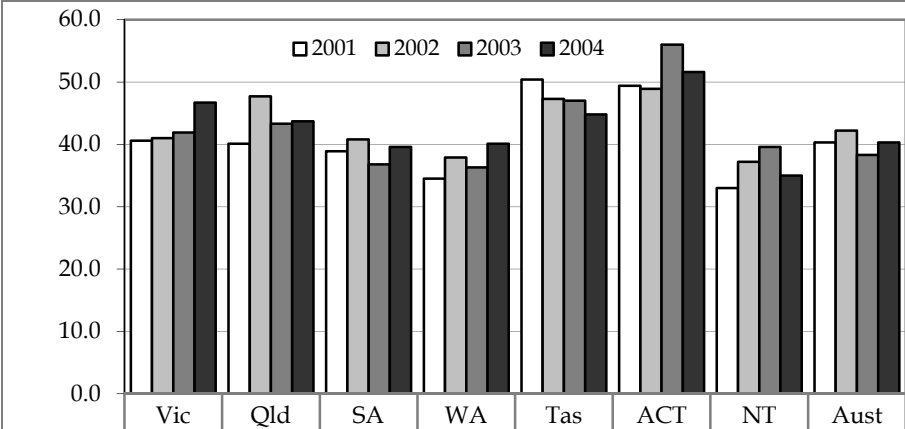
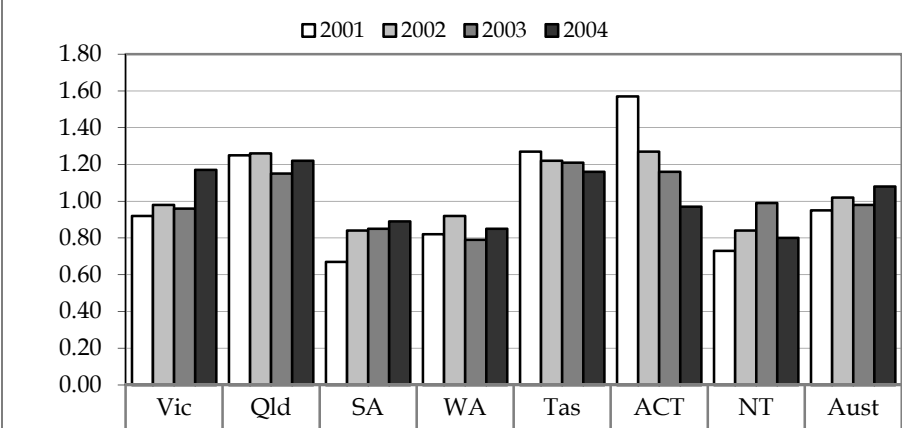
	Water fluoridation categories		
	0.0 – < 0.3	0.3 – < 0.7	≥ 0.7 mg/L
New South Wales	9.3	0.5	90.2
Victoria	24.1	0.6	75.3
Queensland	95.3	0.0	4.7
South Australia	6.1	4.9	89.0
Western Australia	8.1	1.8	90.1
Tasmania	5.3	0.0	94.7
Northern Territory	15.8	75.0	9.2
Aust. Capital Territory	0.0	0.0	100.0
<i>Australia</i>	<i>28.7</i>	<i>1.6</i>	<i>69.7</i>

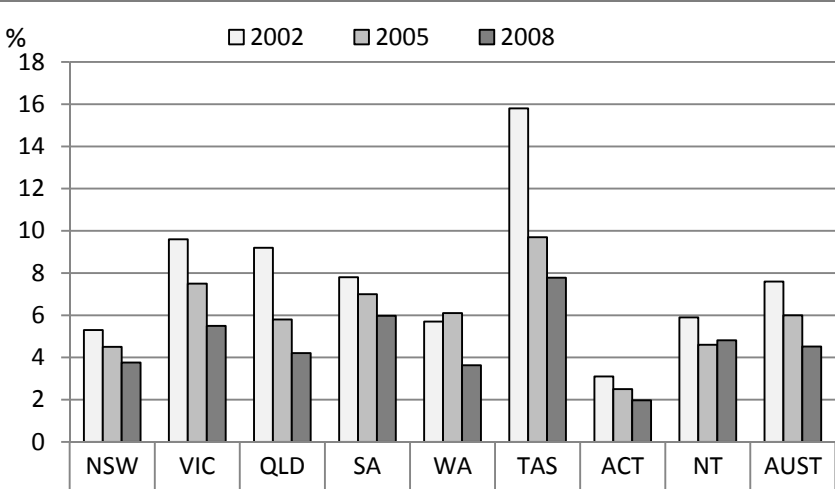
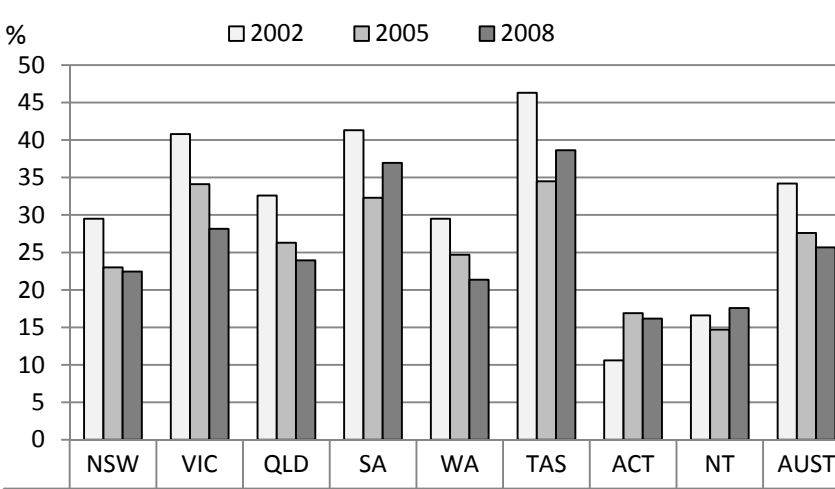
Percentage of the population residing in areas with different fluoride levels in the public water supply 2009.

	Water fluoridation categories		
	0.0 – < 0.3	0.3 – < 0.7	≥ 0.7 mg/L
New South Wales	8.61	0.36	91.03
Victoria	21.77	0.54	77.69
Queensland	37.57	0.0	62.43
South Australia	5.49	3.83	90.67
Western Australia	7.94	1.10	90.96
Tasmania	4.82	0.0	95.18
Northern Territory	16.26	24.41	59.32
Aust. Capital Territory	0.0	0.0	100
<i>Australia</i>	<i>17.13</i>	<i>0.88</i>	<i>81.99</i>

<p>Indicator 3: Adoption of a nationally consistent suite of oral health promotion messages.</p> <p>Source: 'National Clearinghouse for Oral Health Promotion' at ARCPOH, The University of Adelaide.</p> <p>Baseline: Not available</p> <p>Status: National Workshop on the Use of Fluorides in Australia held in 2005 and meetings of the National Forum on Oral Health Promotion held in 2005 and 2006.</p>	<p>Comment.</p> <p>Progress on this indicator is dependent on the work program of the National Clearinghouse for Oral Health Promotion.</p> <p>Update:</p> <p>The National Clearinghouse for Oral Health Promotion is hosting a two-day Workshop on Evidence-based Oral Health Messages for Australians on 30 November and 1 December 2009 in Adelaide</p>
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Outcome Indicators	Population Oral Health																																													
<p>Indicator 4: Proportion of 6 year olds experiencing dental caries (1 or more deciduous teeth affected)</p> <p>Source: Child Dental Health Survey</p> <p>Baseline: 47.3% in 2001</p> <p>Update: 47.4% in 2002</p> <p>Update: 49.6% in 2003</p> <p>Update: 48.6% in 2004</p> <p>Status: Documented by ARCPOH in collaboration with State/Territory public dental services. Representative data not available from NSW 2001–2006, but available for 2007. Supported by AIHW</p>	<p>Percentage of 6-year-old Australian children having experienced dental caries (deciduous dmft > 0) by State or Territory of residence.</p> <table border="1"> <thead> <tr> <th></th> <th>Vic</th> <th>Qld</th> <th>SA</th> <th>WA</th> <th>Tas</th> <th>ACT</th> <th>NT</th> <th>Aust</th> </tr> </thead> <tbody> <tr> <td>□ 2001</td> <td>46.8</td> <td>52.0</td> <td>45.5</td> <td>44.7</td> <td>45.1</td> <td>43.3</td> <td>52.8</td> <td>47.3</td> </tr> <tr> <td>■ 2002</td> <td>45.4</td> <td>51.5</td> <td>46.4</td> <td>46.4</td> <td>44.2</td> <td>52.2</td> <td>55.1</td> <td>47.4</td> </tr> <tr> <td>■ 2003</td> <td>46.7</td> <td>57.9</td> <td>44.2</td> <td>47.8</td> <td>51.1</td> <td>47.9</td> <td>59.7</td> <td>49.6</td> </tr> <tr> <td>■ 2004</td> <td>46.8</td> <td>53.9</td> <td>46.2</td> <td>47.2</td> <td>52.5</td> <td>47.5</td> <td>56.5</td> <td>48.6</td> </tr> </tbody> </table> <p>(a) Excluding NSW</p>		Vic	Qld	SA	WA	Tas	ACT	NT	Aust	□ 2001	46.8	52.0	45.5	44.7	45.1	43.3	52.8	47.3	■ 2002	45.4	51.5	46.4	46.4	44.2	52.2	55.1	47.4	■ 2003	46.7	57.9	44.2	47.8	51.1	47.9	59.7	49.6	■ 2004	46.8	53.9	46.2	47.2	52.5	47.5	56.5	48.6
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■ 2004	46.8	53.9	46.2	47.2	52.5	47.5	56.5	48.6																																						
<p>Indicator 5: Mean number of deciduous teeth with experience of caries in 6 year olds.</p> <p>Source: Child Dental Health Survey</p> <p>Baseline: 1.89 teeth in 2001</p> <p>Update: 1.96 teeth in 2002</p> <p>Update: 1.96 in 2003</p> <p>Update: 1.99 in 2004</p> <p>Status: Documented by ARCPOH in collaboration with State/Territory public dental services. Representative data not available from NSW 2001–2006, but available for 2007. Supported by AIHW</p>	<p>Mean number of deciduous teeth with experience of caries in 6-year-olds by State or Territory of residence.</p> <table border="1"> <thead> <tr> <th></th> <th>Vic</th> <th>Qld</th> <th>SA</th> <th>WA</th> <th>Tas</th> <th>ACT</th> <th>NT</th> <th>Aust</th> </tr> </thead> <tbody> <tr> <td>□ 2001</td> <td>1.85</td> <td>2.44</td> <td>1.63</td> <td>1.62</td> <td>1.78</td> <td>1.63</td> <td>1.96</td> <td>1.89</td> </tr> <tr> <td>■ 2002</td> <td>1.90</td> <td>2.44</td> <td>1.73</td> <td>1.72</td> <td>1.71</td> <td>1.91</td> <td>2.28</td> <td>1.96</td> </tr> <tr> <td>■ 2003</td> <td>1.84</td> <td>2.64</td> <td>1.53</td> <td>1.84</td> <td>1.85</td> <td>1.75</td> <td>2.79</td> <td>1.96</td> </tr> <tr> <td>■ 2004</td> <td>1.84</td> <td>2.51</td> <td>1.80</td> <td>1.90</td> <td>1.98</td> <td>1.56</td> <td>2.59</td> <td>1.99</td> </tr> </tbody> </table> <p>(a) Excluding NSW</p>		Vic	Qld	SA	WA	Tas	ACT	NT	Aust	□ 2001	1.85	2.44	1.63	1.62	1.78	1.63	1.96	1.89	■ 2002	1.90	2.44	1.73	1.72	1.71	1.91	2.28	1.96	■ 2003	1.84	2.64	1.53	1.84	1.85	1.75	2.79	1.96	■ 2004	1.84	2.51	1.80	1.90	1.98	1.56	2.59	1.99
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Outcome Indicators	Population Oral Health																																													
<p>Indicator 6: Proportion of 12 year olds experiencing dental caries (1 or more permanent teeth affected)</p> <p>Source: Child Dental Health Survey</p> <p>Baseline: 40.3% in 2001</p> <p>Update: 42.2% in 2002</p> <p>Update: 38.3% in 2003</p> <p>Update: 40.3% in 2004</p> <p>Status: Documented by ARCPOH in collaboration with State/Territory public dental services. Representative data not available from NSW 2001–2006, but available for 2007. Supported by AIHW</p>	<p>Percentage of 12-year-old Australian children having experienced dental caries in their permanent teeth (DMFT > 0) by State or Territory of residence.</p>  <table border="1" data-bbox="614 728 1489 907"> <thead> <tr> <th></th> <th>Vic</th> <th>Qld</th> <th>SA</th> <th>WA</th> <th>Tas</th> <th>ACT</th> <th>NT</th> <th>Aust</th> </tr> </thead> <tbody> <tr> <td>2001</td> <td>40.6</td> <td>40.1</td> <td>38.9</td> <td>34.5</td> <td>50.4</td> <td>49.4</td> <td>33.0</td> <td>40.3</td> </tr> <tr> <td>2002</td> <td>41.0</td> <td>47.7</td> <td>40.8</td> <td>37.9</td> <td>47.3</td> <td>48.9</td> <td>37.2</td> <td>42.2</td> </tr> <tr> <td>2003</td> <td>41.9</td> <td>43.3</td> <td>36.8</td> <td>36.3</td> <td>47.0</td> <td>56.0</td> <td>39.6</td> <td>38.3</td> </tr> <tr> <td>2004</td> <td>46.7</td> <td>43.7</td> <td>39.6</td> <td>40.1</td> <td>44.8</td> <td>51.6</td> <td>35.0</td> <td>40.3</td> </tr> </tbody> </table> <p>(a) Excluding NSW</p>		Vic	Qld	SA	WA	Tas	ACT	NT	Aust	2001	40.6	40.1	38.9	34.5	50.4	49.4	33.0	40.3	2002	41.0	47.7	40.8	37.9	47.3	48.9	37.2	42.2	2003	41.9	43.3	36.8	36.3	47.0	56.0	39.6	38.3	2004	46.7	43.7	39.6	40.1	44.8	51.6	35.0	40.3
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<p>Indicator 7: Mean number of permanent teeth with experience of caries in 12 year olds</p> <p>Source: Child Dental Health Survey</p> <p>Baseline: 0.95 teeth in 2001</p> <p>Update: 1.02 teeth in 2002</p> <p>Update: 0.98 teeth in 2003</p> <p>Update: 1.08 teeth in 2004</p> <p>Status: Documented by ARCPOH in collaboration with State/Territory public dental services. Representative data not available from NSW 2001–2006, but available for 2007. Supported by AIHW</p>	<p>Mean number of permanent teeth with experience of caries in 12-year-olds by State or Territory of residence.</p>  <table border="1" data-bbox="614 1489 1489 1668"> <thead> <tr> <th></th> <th>Vic</th> <th>Qld</th> <th>SA</th> <th>WA</th> <th>Tas</th> <th>ACT</th> <th>NT</th> <th>Aust</th> </tr> </thead> <tbody> <tr> <td>2001</td> <td>0.92</td> <td>1.25</td> <td>0.67</td> <td>0.82</td> <td>1.27</td> <td>1.57</td> <td>0.73</td> <td>0.95</td> </tr> <tr> <td>2002</td> <td>0.98</td> <td>1.26</td> <td>0.84</td> <td>0.92</td> <td>1.22</td> <td>1.27</td> <td>0.84</td> <td>1.02</td> </tr> <tr> <td>2003</td> <td>0.96</td> <td>1.15</td> <td>0.85</td> <td>0.79</td> <td>1.21</td> <td>1.16</td> <td>0.99</td> <td>0.98</td> </tr> <tr> <td>2004</td> <td>1.17</td> <td>1.22</td> <td>0.89</td> <td>0.85</td> <td>1.16</td> <td>0.97</td> <td>0.80</td> <td>1.08</td> </tr> </tbody> </table> <p>(a) Excluding NSW</p> <p>Comment.</p> <p>Variation in child population oral health across States and Territories reflects different patterns of risk and protective exposures for dental caries. In certain States and Territories, especially among older children, policies on eligibility and targeting introduce bias into those children who are included in the Child Dental Health Survey.</p>		Vic	Qld	SA	WA	Tas	ACT	NT	Aust	2001	0.92	1.25	0.67	0.82	1.27	1.57	0.73	0.95	2002	0.98	1.26	0.84	0.92	1.22	1.27	0.84	1.02	2003	0.96	1.15	0.85	0.79	1.21	1.16	0.99	0.98	2004	1.17	1.22	0.89	0.85	1.16	0.97	0.80	1.08
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<p>Indicator 8: Proportion of edentulous adults aged 45-64 and 65+ years</p> <p>Source: National Dental Telephone Interview Survey</p> <p>Baseline: In 2002, 7.6% of 45-64 years old and 34.2% of 65+ years old.</p> <p>Update: In 2005, 6.0% of 45-64 years old and 27.6% of 65+ years old.</p> <p>Update in 2008: 4.5% of 45-64 years old and 25.7% of 65+ years old.</p> <p>Status: Documented by ARCPOH through the National Dental Telephone Interview Survey. Supported by AGDoHA under MoU with AIHW.</p>	<p>Proportion of edentulous adults aged 45-64, 2002-2008</p>  <table border="1" data-bbox="614 728 1453 862"> <thead> <tr> <th></th> <th>NSW</th> <th>VIC</th> <th>QLD</th> <th>SA</th> <th>WA</th> <th>TAS</th> <th>ACT</th> <th>NT</th> <th>AUST</th> </tr> </thead> <tbody> <tr> <td>2002</td> <td>5.3</td> <td>9.6</td> <td>9.2</td> <td>7.8</td> <td>5.7</td> <td>15.8</td> <td>3.1</td> <td>5.9</td> <td>7.6</td> </tr> <tr> <td>2005</td> <td>4.5</td> <td>7.5</td> <td>5.8</td> <td>7.0</td> <td>6.1</td> <td>9.7</td> <td>2.5</td> <td>4.6</td> <td>6.0</td> </tr> <tr> <td>2008</td> <td>3.8</td> <td>5.5</td> <td>4.2</td> <td>6.0</td> <td>3.6</td> <td>7.8</td> <td>2.0</td> <td>4.8</td> <td>4.5</td> </tr> </tbody> </table>		NSW	VIC	QLD	SA	WA	TAS	ACT	NT	AUST	2002	5.3	9.6	9.2	7.8	5.7	15.8	3.1	5.9	7.6	2005	4.5	7.5	5.8	7.0	6.1	9.7	2.5	4.6	6.0	2008	3.8	5.5	4.2	6.0	3.6	7.8	2.0	4.8	4.5
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2005	4.5	7.5	5.8	7.0	6.1	9.7	2.5	4.6	6.0																																
2008	3.8	5.5	4.2	6.0	3.6	7.8	2.0	4.8	4.5																																
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Action Area Two – Children and adolescents

Process Indicators	Children and adolescents																																																																																																															
<p>Indicator 9: The proportion of children and adolescents receiving timely dental care</p> <p>Source: National Dental Telephone Interview Survey</p> <p>Baseline: In 2002</p> <table border="0"> <tr> <td>5-11 years old</td> <td>Visited in last year</td> <td>Visited in last 2 years</td> </tr> <tr> <td></td> <td>83.0%</td> <td>92.9%</td> </tr> </table> <p>Update: In 2005</p> <table border="0"> <tr> <td>5-11 years old</td> <td>Visited in last year</td> <td>Visited in last 2 years</td> </tr> <tr> <td></td> <td>82.7%</td> <td>89.9%</td> </tr> </table> <p>Update: In 2008</p> <table border="0"> <tr> <td>5-11 years old</td> <td>Visited in last year</td> <td>Visited in last 2 years</td> </tr> <tr> <td></td> <td>78.8%</td> <td>90.2%</td> </tr> </table> <p>Status: Documented by ARCPOH through the National Dental Telephone Interview Survey. Supported by AGDoHA under MoU with AIHW</p>	5-11 years old	Visited in last year	Visited in last 2 years		83.0%	92.9%	5-11 years old	Visited in last year	Visited in last 2 years		82.7%	89.9%	5-11 years old	Visited in last year	Visited in last 2 years		78.8%	90.2%	<p>Time since last visit by children aged 5-11 years</p> <table border="1"> <thead> <tr> <th>State/Territory and year</th> <th>Visited last 12 mths</th> <th>Visited last 2 years</th> </tr> </thead> <tbody> <tr><td rowspan="3">NSW</td><td>2002</td><td>81.3</td><td>8.6</td></tr> <tr><td>2005</td><td>75.3</td><td>7.3</td></tr> <tr><td>2008</td><td>67.9</td><td>15.7</td></tr> <tr><td rowspan="3">VIC</td><td>2002</td><td>79.4</td><td>13.0</td></tr> <tr><td>2005</td><td>80.5</td><td>11.6</td></tr> <tr><td>2008</td><td>80.2</td><td>9.8</td></tr> <tr><td rowspan="3">QLD</td><td>2002</td><td>87.9</td><td>7.0</td></tr> <tr><td>2005</td><td>86.3</td><td>5.1</td></tr> <tr><td>2008</td><td>87.2</td><td>9.1</td></tr> <tr><td rowspan="3">SA</td><td>2002</td><td>85.0</td><td>12.7</td></tr> <tr><td>2005</td><td>91.4</td><td>6.5</td></tr> <tr><td>2008</td><td>81.7</td><td>11.0</td></tr> <tr><td rowspan="3">WA</td><td>2002</td><td>90.7</td><td>6.6</td></tr> <tr><td>2005</td><td>98.3</td><td>0</td></tr> <tr><td>2008</td><td>85.1</td><td>8.3</td></tr> <tr><td rowspan="3">TAS</td><td>2002</td><td>72.7</td><td>22.2</td></tr> <tr><td>2005</td><td>74.8</td><td>9.1</td></tr> <tr><td>2008</td><td>81.4</td><td>13.2</td></tr> <tr><td rowspan="3">ACT</td><td>2002</td><td>64.2</td><td>18.4</td></tr> <tr><td>2005</td><td>78.9</td><td>12.6</td></tr> <tr><td>2008</td><td>79.6</td><td>9.8</td></tr> <tr><td rowspan="3">NT</td><td>2002</td><td>93.5</td><td>6.5</td></tr> <tr><td>2005</td><td>83.7</td><td>13.1</td></tr> <tr><td>2008</td><td>84.8</td><td>10.5</td></tr> <tr><td rowspan="3">AUST</td><td>2002</td><td>83.0</td><td>9.9</td></tr> <tr><td>2005</td><td>82.7</td><td>7.2</td></tr> <tr><td>2008</td><td>78.7</td><td>11.5</td></tr> </tbody> </table>	State/Territory and year	Visited last 12 mths	Visited last 2 years	NSW	2002	81.3	8.6	2005	75.3	7.3	2008	67.9	15.7	VIC	2002	79.4	13.0	2005	80.5	11.6	2008	80.2	9.8	QLD	2002	87.9	7.0	2005	86.3	5.1	2008	87.2	9.1	SA	2002	85.0	12.7	2005	91.4	6.5	2008	81.7	11.0	WA	2002	90.7	6.6	2005	98.3	0	2008	85.1	8.3	TAS	2002	72.7	22.2	2005	74.8	9.1	2008	81.4	13.2	ACT	2002	64.2	18.4	2005	78.9	12.6	2008	79.6	9.8	NT	2002	93.5	6.5	2005	83.7	13.1	2008	84.8	10.5	AUST	2002	83.0	9.9	2005	82.7	7.2	2008	78.7	11.5
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Process Indicators

Indicator 9: The proportion of children and adolescents receiving timely dental care (continued)

Source: National Dental Telephone Interview Survey

Baseline: In 2002

12-17 years old	visited in last year	visited in last 2 years
	74.3%	89.4%

Update: In 2005

12-17 years old	visited in last year	visited in last 2 years
	78.9%	89.4%

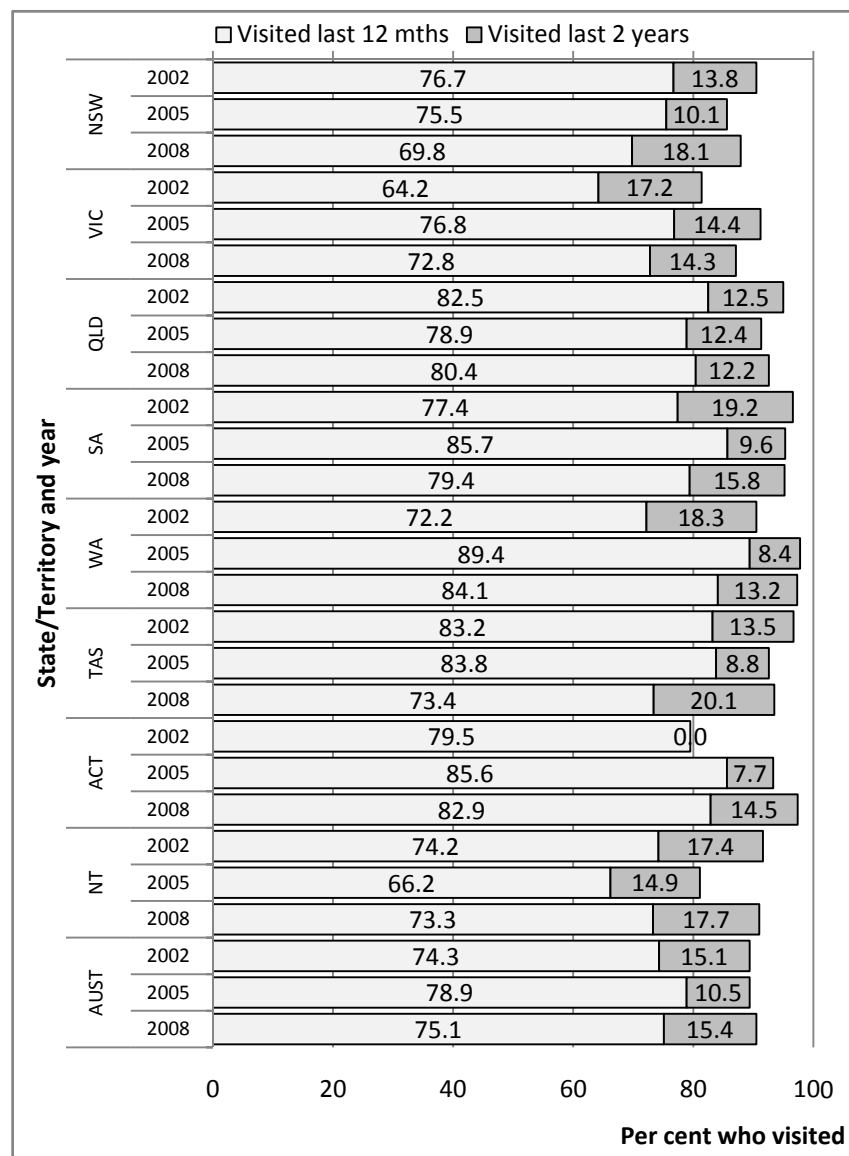
Update: In 2008

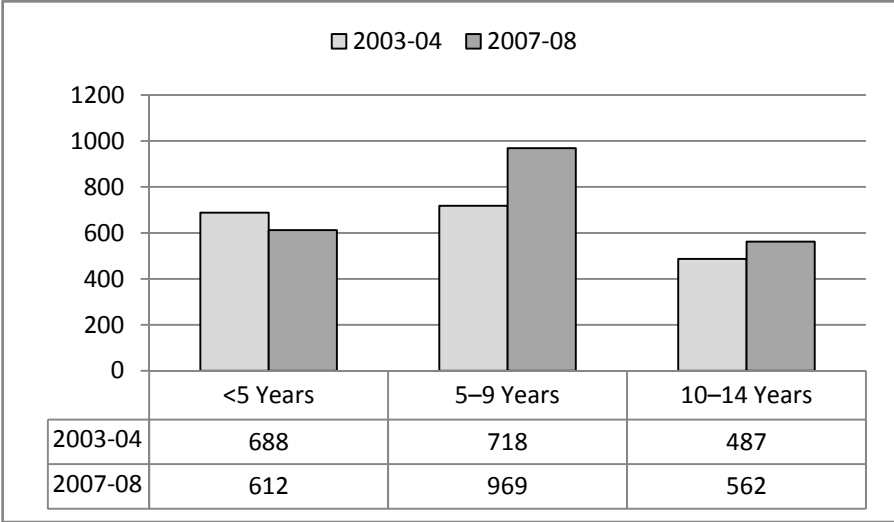
12-17 years old	visited in last year	visited in last 2 years
	75.1%	90.5%

Status: Documented by ARCPOH through the National Dental Telephone Interview Survey. Supported by AGDoHA under MoU with AIHW.

Children and adolescents

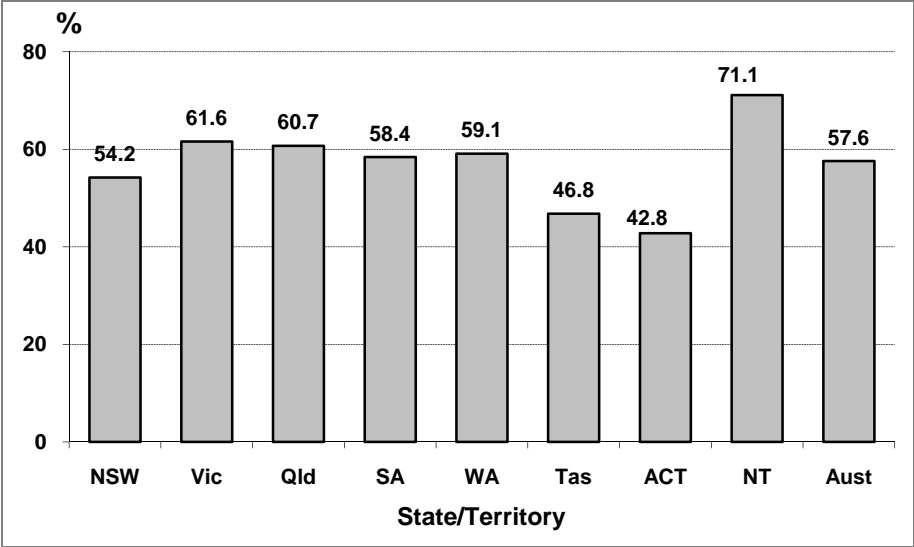
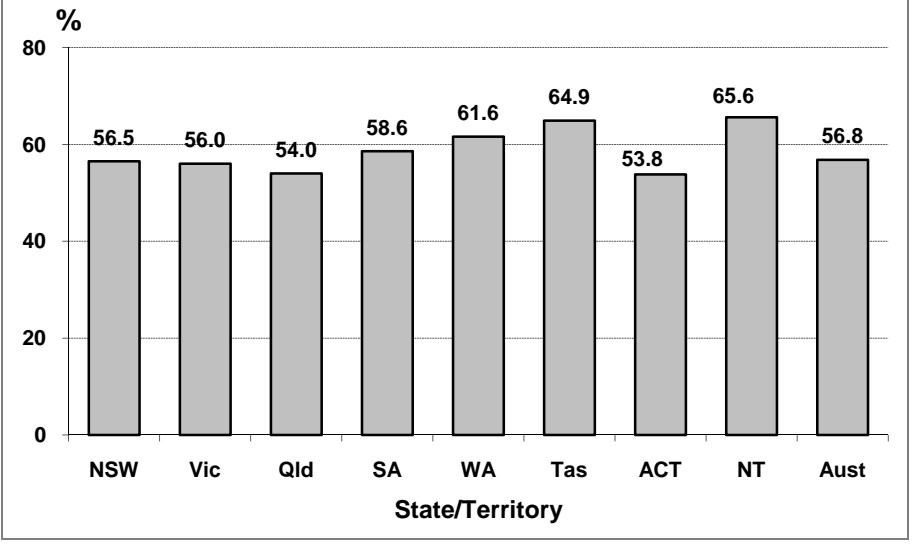
Time since last visit by children aged 12-17 years



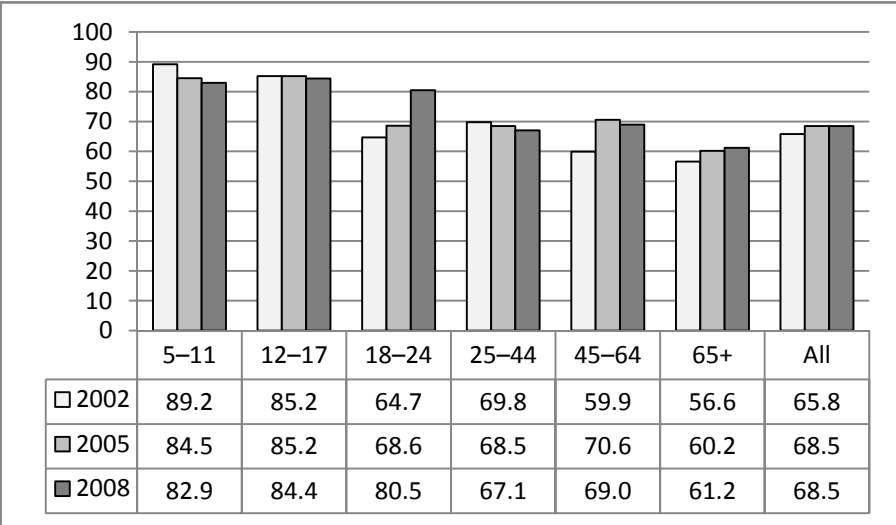
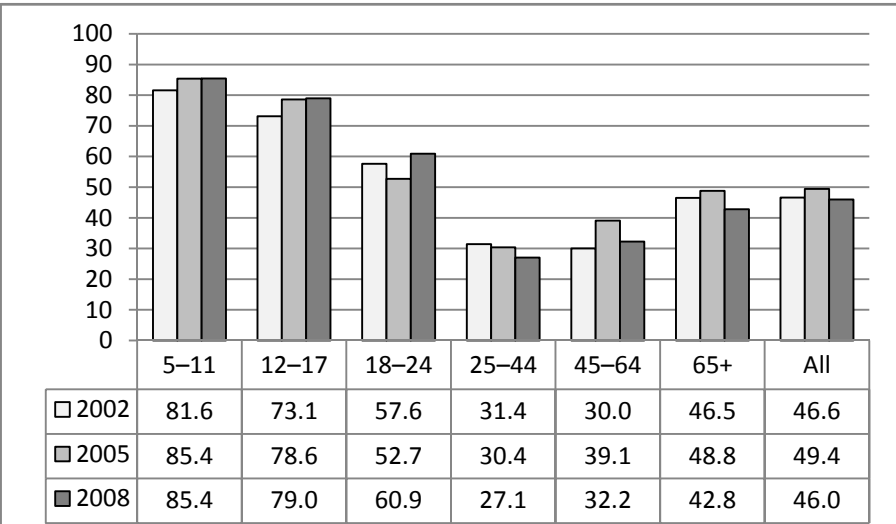
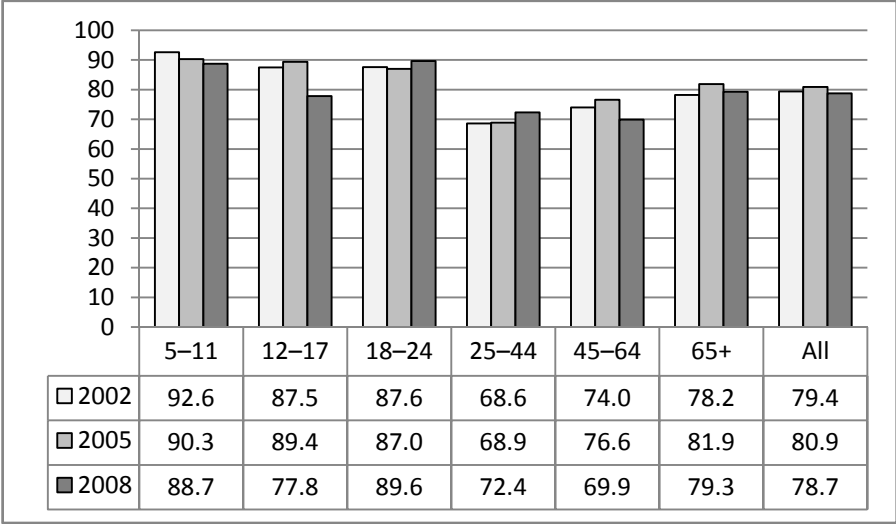
Process Indicators	Children and adolescents												
<p>Indicator 10: The rate of children requiring general anaesthetics for oral health problems</p> <p>Source: AIHW Hospital Morbidity Database</p> <p>Baseline: In 2003/04 668 <5 years old per 100,000 718 5–9 years old per 100,000 487 10–14 years old per 100,000</p> <p>Update in 2007-08</p> <p>Overall child DGA rate 712.0 per 100,000/children.</p> <p>611.9 <5 years old per 100,000 969.3 5–9 years old per 100,000 561.8 10–14 years old per 100,000</p> <p>Status: Documented by ARCPOH using the AIHW Hospital Morbidity Database and ABS ERPs.</p>	<p>Rate per 100,000 children requiring general anaesthetics for oral health problems.</p>  <table border="1" data-bbox="632 640 1457 779"> <thead> <tr> <th></th> <th><5 Years</th> <th>5–9 Years</th> <th>10–14 Years</th> </tr> </thead> <tbody> <tr> <td>2003-04</td> <td>688</td> <td>718</td> <td>487</td> </tr> <tr> <td>2007-08</td> <td>612</td> <td>969</td> <td>562</td> </tr> </tbody> </table> <p>Comment.</p> <p>Analysis of state and territory comparisons not available.</p>		<5 Years	5–9 Years	10–14 Years	2003-04	688	718	487	2007-08	612	969	562
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Action Area Three – Older people

Process Indicator	Older people																																									
<p>Indicator 11: The numbers of older people living independently in the community receiving timely dental care</p> <p>Source: National Dental Telephone Interview Survey</p> <p>Baseline: In 2002</p> <ul style="list-style-type: none"> 65+ years old visited in last 2 years 60.0%; dentate 65+ years old usually visit for check-up 51.9% <p>Update: In 2005</p> <ul style="list-style-type: none"> 65+ years old visited in last 2 years 65.7%; dentate 65+ years old usually visit for check-up 56.7% <p>Update: In 2008</p> <ul style="list-style-type: none"> 65+ years old visited in last 2 years 65.1%; dentate 65+ years old usually visit for check-up 48.9% <p>Status: Documented by ARCPOH through the National Dental Telephone Interview Survey. Supported by AGDoHA under MoU with AIHW.</p>	<p>65+ year olds visited in last 2 years</p> <table border="1"> <thead> <tr> <th></th> <th>NSW</th> <th>Vic</th> <th>Qld</th> <th>SA</th> <th>WA</th> <th>Tas</th> <th>ACT</th> <th>NT</th> <th>Aust</th> </tr> </thead> <tbody> <tr> <td>□ 2002</td> <td>59.7</td> <td>57.1</td> <td>62.4</td> <td>57.8</td> <td>66.2</td> <td>54.7</td> <td>83.3</td> <td>45.4</td> <td>60</td> </tr> <tr> <td>▒ 2005</td> <td>67.3</td> <td>60.5</td> <td>67.4</td> <td>65.2</td> <td>73.2</td> <td>54.4</td> <td>78.5</td> <td>64.8</td> <td>65.7</td> </tr> <tr> <td>■ 2008</td> <td>65.5</td> <td>62.4</td> <td>67.9</td> <td>62.2</td> <td>69.2</td> <td>57</td> <td>77.8</td> <td>58.6</td> <td>65.1</td> </tr> </tbody> </table>		NSW	Vic	Qld	SA	WA	Tas	ACT	NT	Aust	□ 2002	59.7	57.1	62.4	57.8	66.2	54.7	83.3	45.4	60	▒ 2005	67.3	60.5	67.4	65.2	73.2	54.4	78.5	64.8	65.7	■ 2008	65.5	62.4	67.9	62.2	69.2	57	77.8	58.6	65.1	
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Outcome Indicator	Older people																																								
<p>Indicator 12: Improved oral-health-related quality of life, as recorded by indicators such as the Oral Health Impact Profile (OHIP).</p> <p>Source: National Dental Telephone Interview Survey and associated questionnaires.</p> <p>Baseline: 65+years old in 2002 Frequency impacts (1+ OHIP) 57.6%</p> <p>Update: 65+years old in 2004/06 Frequency impacts (1+ OHIP) 56.8%</p> <p>No comparable update available since 2004/06</p> <p>Status: Documented by ARCPOH through the National Dental Telephone Interview Survey and associated questionnaires. Supported by AGDoHA under MoU with AIHW.</p>	<p>65+ year olds with 1+ OHIP Impacts in 2002</p>  <table border="1"> <thead> <tr> <th>State/Territory</th> <th>Percentage (%)</th> </tr> </thead> <tbody> <tr><td>NSW</td><td>54.2</td></tr> <tr><td>Vic</td><td>61.6</td></tr> <tr><td>Qld</td><td>60.7</td></tr> <tr><td>SA</td><td>58.4</td></tr> <tr><td>WA</td><td>59.1</td></tr> <tr><td>Tas</td><td>46.8</td></tr> <tr><td>ACT</td><td>42.8</td></tr> <tr><td>NT</td><td>71.1</td></tr> <tr><td>Aust</td><td>57.6</td></tr> </tbody> </table> <p>Comment.</p> <p>The Oral Health Impact Profile (OHIP) is a multi-item measure of oral health-related quality of life. One summary statistic from the use of OHIP is the percentage of people reporting one or more items of impact of oral diseases or disorders 'Occasionally' 'Fairly often' or 'Very often' in their everyday lives in the last 12 months.</p> <p>65+ year olds with 1+ OHIP Impacts in 2004/06</p>  <table border="1"> <thead> <tr> <th>State/Territory</th> <th>Percentage (%)</th> </tr> </thead> <tbody> <tr><td>NSW</td><td>56.5</td></tr> <tr><td>Vic</td><td>56.0</td></tr> <tr><td>Qld</td><td>54.0</td></tr> <tr><td>SA</td><td>58.6</td></tr> <tr><td>WA</td><td>61.6</td></tr> <tr><td>Tas</td><td>64.9</td></tr> <tr><td>ACT</td><td>53.8</td></tr> <tr><td>NT</td><td>65.6</td></tr> <tr><td>Aust</td><td>56.8</td></tr> </tbody> </table>	State/Territory	Percentage (%)	NSW	54.2	Vic	61.6	Qld	60.7	SA	58.4	WA	59.1	Tas	46.8	ACT	42.8	NT	71.1	Aust	57.6	State/Territory	Percentage (%)	NSW	56.5	Vic	56.0	Qld	54.0	SA	58.6	WA	61.6	Tas	64.9	ACT	53.8	NT	65.6	Aust	56.8
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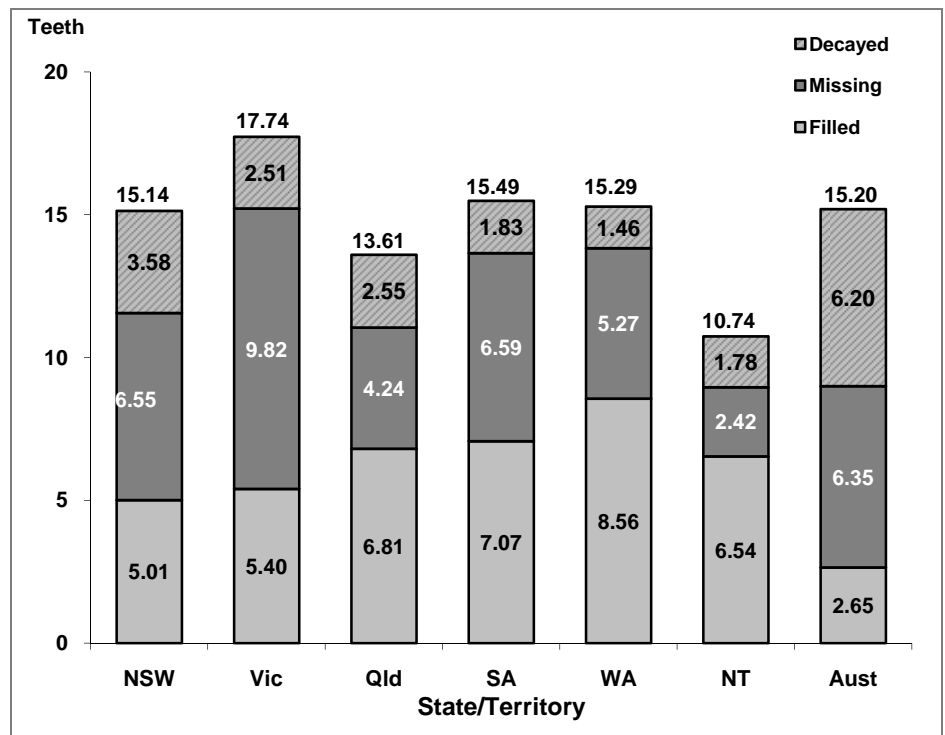
Action Area Four – Low income and disadvantaged

Process Indicators	Low income and disadvantaged																																																																																																
<p>Indicator 13: Increased proportion of concession card holders receiving access to timely, preventively focused dental care.</p> <p>Source: National Dental Telephone Interview Survey</p> <p>Baseline: In 2002,</p> <ul style="list-style-type: none"> cardholders 5+ years old visited in last 2 years 65.8%; dentate cardholders 5+ years old usually visit for check-up 46.6% dentate cardholders 5+ years old visiting in last year <i>not</i> receiving an extraction 79.4% <p>Update: In 2005,</p> <ul style="list-style-type: none"> cardholders 5+ years old visited in last 2 years 68.5%; dentate cardholders 5+ years old usually visit for check-up 49.4% dentate cardholders 5+ years old visiting in last year <i>not</i> receiving an extraction 80.9% <p>Update: In 2008,</p> <ul style="list-style-type: none"> cardholders 5+ years old visited in last 2 years 68.5%; dentate cardholders 5+ years old usually visit for check-up 46.0% dentate cardholders 5+ years old visiting in last year <i>not</i> receiving an extraction 78.7% <p>Status: Documented by ARCPOH through the National Dental Telephone Interview Survey. Supported by AGDoHA under MoU with AIHW.</p>	<p>Cardholders who visited in last 2 years</p>  <table border="1" data-bbox="598 654 1428 833"> <thead> <tr> <th></th> <th>5-11</th> <th>12-17</th> <th>18-24</th> <th>25-44</th> <th>45-64</th> <th>65+</th> <th>All</th> </tr> </thead> <tbody> <tr> <td>□ 2002</td> <td>89.2</td> <td>85.2</td> <td>64.7</td> <td>69.8</td> <td>59.9</td> <td>56.6</td> <td>65.8</td> </tr> <tr> <td>■ 2005</td> <td>84.5</td> <td>85.2</td> <td>68.6</td> <td>68.5</td> <td>70.6</td> <td>60.2</td> <td>68.5</td> </tr> <tr> <td>■ 2008</td> <td>82.9</td> <td>84.4</td> <td>80.5</td> <td>67.1</td> <td>69.0</td> <td>61.2</td> <td>68.5</td> </tr> </tbody> </table> <p>Dentate cardholders who usually visit for checkup</p>  <table border="1" data-bbox="598 1243 1428 1422"> <thead> <tr> <th></th> <th>5-11</th> <th>12-17</th> <th>18-24</th> <th>25-44</th> <th>45-64</th> <th>65+</th> <th>All</th> </tr> </thead> <tbody> <tr> <td>□ 2002</td> <td>81.6</td> <td>73.1</td> <td>57.6</td> <td>31.4</td> <td>30.0</td> <td>46.5</td> <td>46.6</td> </tr> <tr> <td>■ 2005</td> <td>85.4</td> <td>78.6</td> <td>52.7</td> <td>30.4</td> <td>39.1</td> <td>48.8</td> <td>49.4</td> </tr> <tr> <td>■ 2008</td> <td>85.4</td> <td>79.0</td> <td>60.9</td> <td>27.1</td> <td>32.2</td> <td>42.8</td> <td>46.0</td> </tr> </tbody> </table> <p>Dentate card holders visiting in last year not receiving an extraction in last 12 months</p>  <table border="1" data-bbox="598 1859 1428 2038"> <thead> <tr> <th></th> <th>5-11</th> <th>12-17</th> <th>18-24</th> <th>25-44</th> <th>45-64</th> <th>65+</th> <th>All</th> </tr> </thead> <tbody> <tr> <td>□ 2002</td> <td>92.6</td> <td>87.5</td> <td>87.6</td> <td>68.6</td> <td>74.0</td> <td>78.2</td> <td>79.4</td> </tr> <tr> <td>■ 2005</td> <td>90.3</td> <td>89.4</td> <td>87.0</td> <td>68.9</td> <td>76.6</td> <td>81.9</td> <td>80.9</td> </tr> <tr> <td>■ 2008</td> <td>88.7</td> <td>77.8</td> <td>89.6</td> <td>72.4</td> <td>69.9</td> <td>79.3</td> <td>78.7</td> </tr> </tbody> </table>		5-11	12-17	18-24	25-44	45-64	65+	All	□ 2002	89.2	85.2	64.7	69.8	59.9	56.6	65.8	■ 2005	84.5	85.2	68.6	68.5	70.6	60.2	68.5	■ 2008	82.9	84.4	80.5	67.1	69.0	61.2	68.5		5-11	12-17	18-24	25-44	45-64	65+	All	□ 2002	81.6	73.1	57.6	31.4	30.0	46.5	46.6	■ 2005	85.4	78.6	52.7	30.4	39.1	48.8	49.4	■ 2008	85.4	79.0	60.9	27.1	32.2	42.8	46.0		5-11	12-17	18-24	25-44	45-64	65+	All	□ 2002	92.6	87.5	87.6	68.6	74.0	78.2	79.4	■ 2005	90.3	89.4	87.0	68.9	76.6	81.9	80.9	■ 2008	88.7	77.8	89.6	72.4	69.9	79.3	78.7
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Outcome Indicator	Low income and disadvantaged																																						
<p>Indicator 14: Reduction in prevalence of dental caries, periodontal disease and tooth loss among concession card holders treated in the public sector</p> <p>Source: Adult Dental Programs Survey</p> <p>Baseline: In 2001/02</p> <table border="0"> <tr><td>Mean DMFT</td><td>15.2</td></tr> <tr><td> D</td><td>2.7</td></tr> <tr><td> M</td><td>6.4</td></tr> <tr><td> F</td><td>6.2</td></tr> </table> <p>Periodontal disease Pockets 6+mm 10.3%</p> <p>Status: Documented by ARCPOH in collaboration with State/Territory public dental services. Data not available from ACT and Tas. Supported by the AGDoHA under MoU with AIHW</p>	Mean DMFT	15.2	D	2.7	M	6.4	F	6.2	<p>Caries experience by age, 2001–02 Concession card holders treated in the public sector (ADPS 2001-02)</p> <table border="1"> <caption>Teeth by Age Group</caption> <thead> <tr> <th>Age (years)</th> <th>Decayed teeth</th> <th>Missing teeth</th> <th>Filled teeth</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>18–24</td> <td>4.61</td> <td>0.67</td> <td>2.47</td> <td>7.75</td> </tr> <tr> <td>25–44</td> <td>4.14</td> <td>3.68</td> <td>5.46</td> <td>13.28</td> </tr> <tr> <td>45–64</td> <td>1.89</td> <td>7.22</td> <td>7.31</td> <td>16.42</td> </tr> <tr> <td>65+</td> <td>1.36</td> <td>9.69</td> <td>6.79</td> <td>17.84</td> </tr> <tr> <td>All</td> <td>2.65</td> <td>6.35</td> <td>6.20</td> <td>15.20</td> </tr> </tbody> </table>	Age (years)	Decayed teeth	Missing teeth	Filled teeth	Total	18–24	4.61	0.67	2.47	7.75	25–44	4.14	3.68	5.46	13.28	45–64	1.89	7.22	7.31	16.42	65+	1.36	9.69	6.79	17.84	All	2.65	6.35	6.20	15.20
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Process Indicators **Low income and disadvantaged**

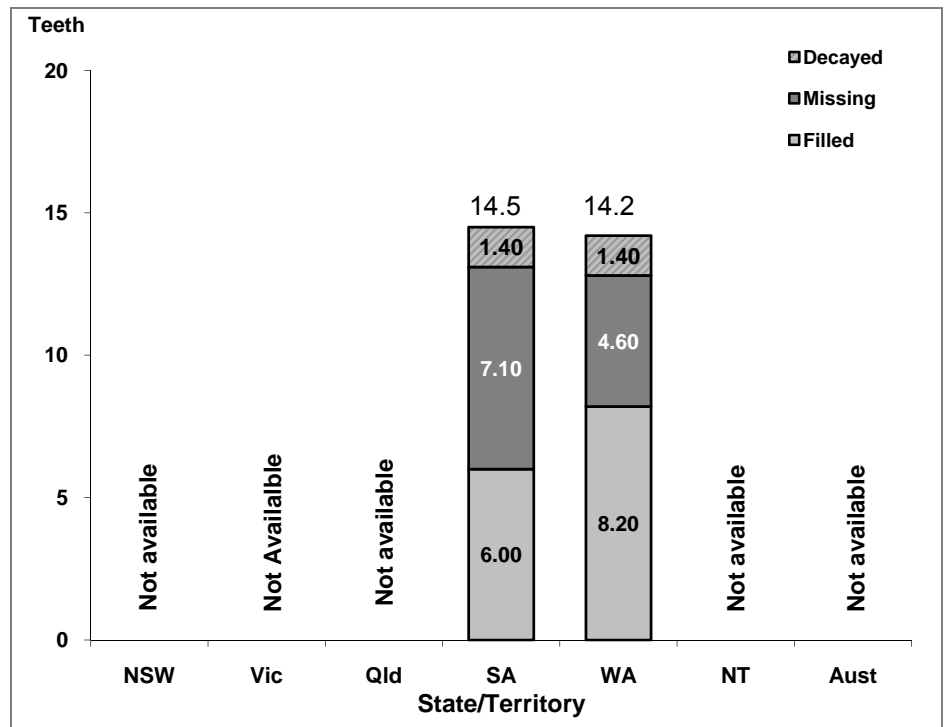
Caries experience by State/Territory 2001–02
 Concession card holders treated in the public sector (ADPS 2001-02)



ADPS 2004–06 includes only SA and WA

Caries experience by State/Territory 2001

Concession card holders treated in the public sector (ADPS 2006 for SA; ADPS 2004/5-2006/07 for WA)



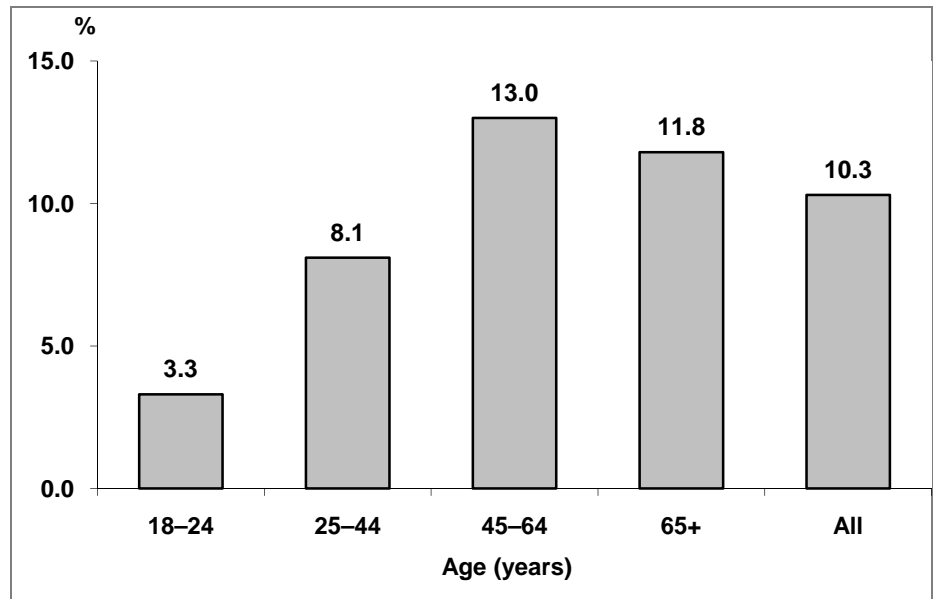
Comment.

Caries experience is strongly age-related. Therefore comparison across States/Territories for people of all ages can be confounded by variation in age of adults holding a concession card treated in the public sector.

Process Indicators

Low income and disadvantaged

Prevalence (%) of periodontal pockets 6+mm by age, 2001–02
Concession card holders treated in the public sector (ADPS 2001-02)

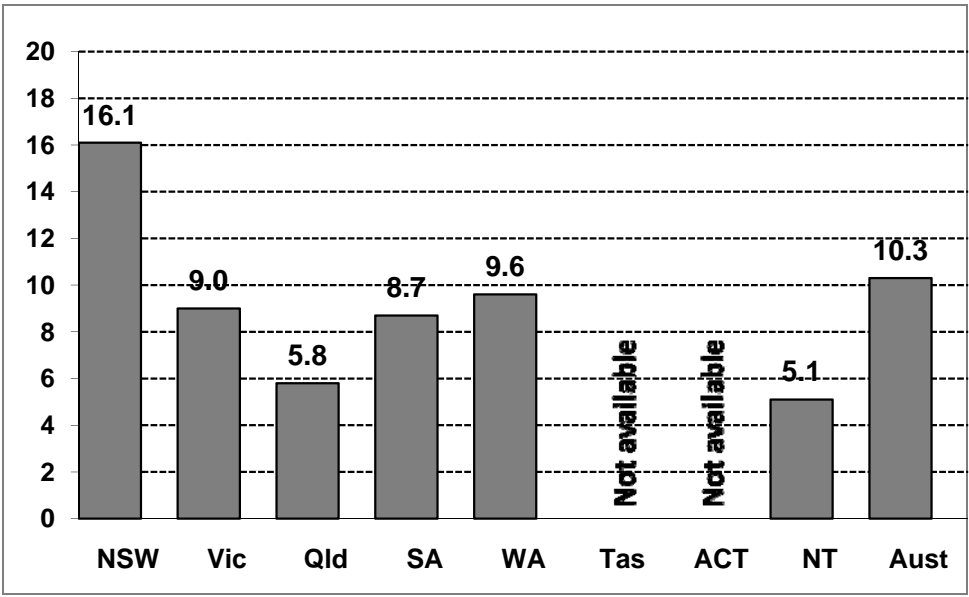


Comment.

Periodontal pockets 6+mm deep – an indicator of advanced gum disease – are strongly age-related. Therefore comparison across States/Territories for people of all ages can be confounded by variation in age of adults holding a concession card treated in the public sector.

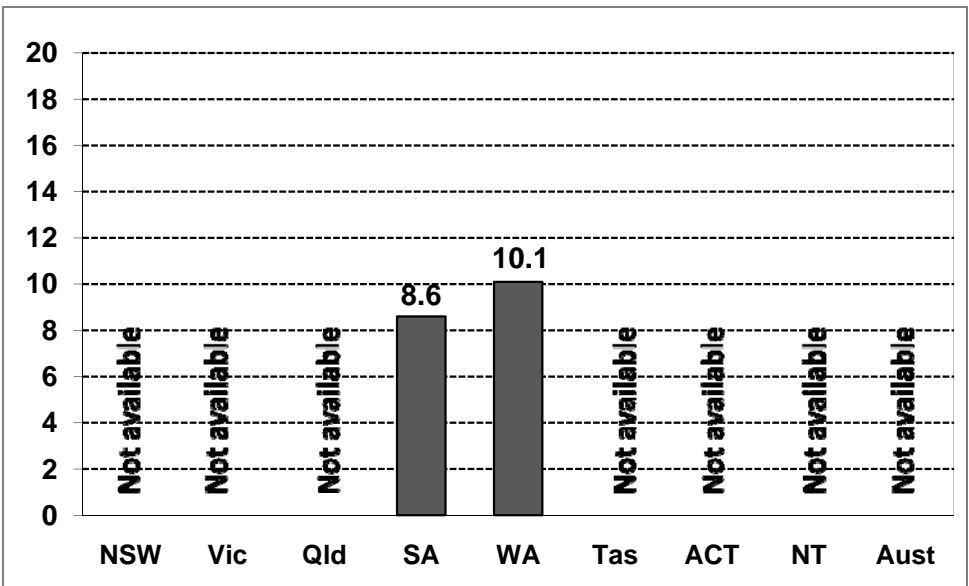
Process Indicators **Low income and disadvantaged**

Prevalence (%) of periodontal pockets 6+mm by State/Territory, 2001–02
 Concession card holders treated in the public sector (ADPS 2001-02)



ADPS 2004–06 includes only SA and WA

Prevalence (%) of periodontal pockets 6+mm by State/Territory, 2004–06
 Concession card holders treated in the public sector (ADPS 2004-06)



Process Indicators

Indicator 15: Reduction of oral health inequalities across population

Source: National Dental Telephone Interview Survey

Baseline: In 2002,

- 5+ years old, income quartile 1 vs 4 (low vs high), visited last 2 years 62.5 vs 83.3% = gap 20.8%
- Dentate 5+ years old, quartile 1 vs 4 (low vs high), usually visit for check-up 43.3 vs 69.7% = gap 26.4%
- Dentate 5+ years old who visited in last year, did not have an extraction, income quartile 1 vs 4 (low vs high), 77.5 vs 86.8% = gap 9.3%
- 18+years old, income quartile 1 vs 4 (low vs high), edentulous 24.1 vs 1.4%=gap 22.7%
- Dentate 18+years old, income quartile 1 vs 4 (low vs high), 21+ teeth 69.3 vs 96.3%= gap 27.0%

Update: In 2005,

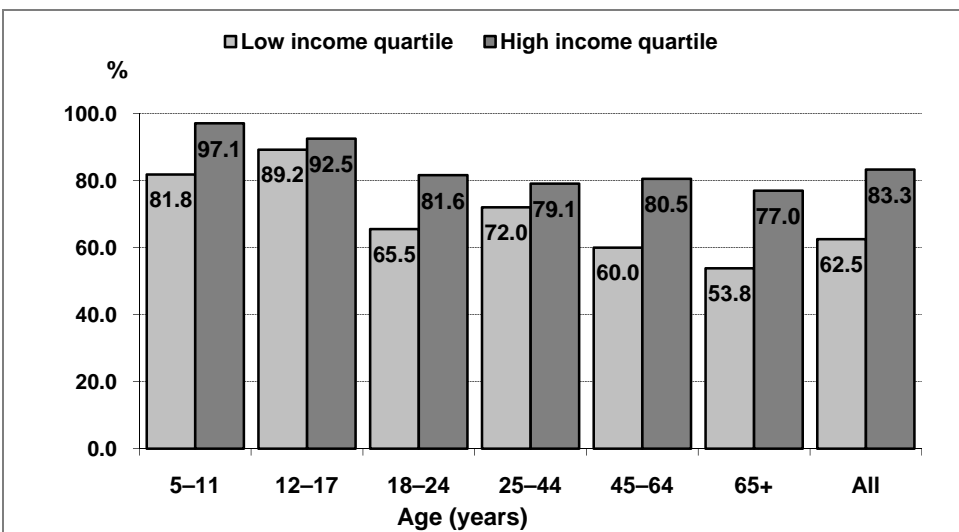
- 5+ years old, income quartile 1 vs 4 (low vs high), visited last 2 years 63.2 vs 83.8% = gap 20.6%
- Dentate 5+ years old, quartile 1 vs 4 (low vs high), usually visit for check-up 45.4 vs 71.0% = gap 25.6%
- Dentate 5+ years old who visited in last year, did not have an extraction, income quartile 1 vs 4 (low vs high), 79.0 vs 90.7% = gap 11.7%
- 18+years old, income quartile 1 vs 4 (low vs high), edentulous 25.2 vs 0.5%=gap 24.7%
- Dentate 18+years old, income quartile 1 vs 4 (low vs high), 21+ teeth 61.8 vs 96.7%= gap 34.9%

Update: In 2008,

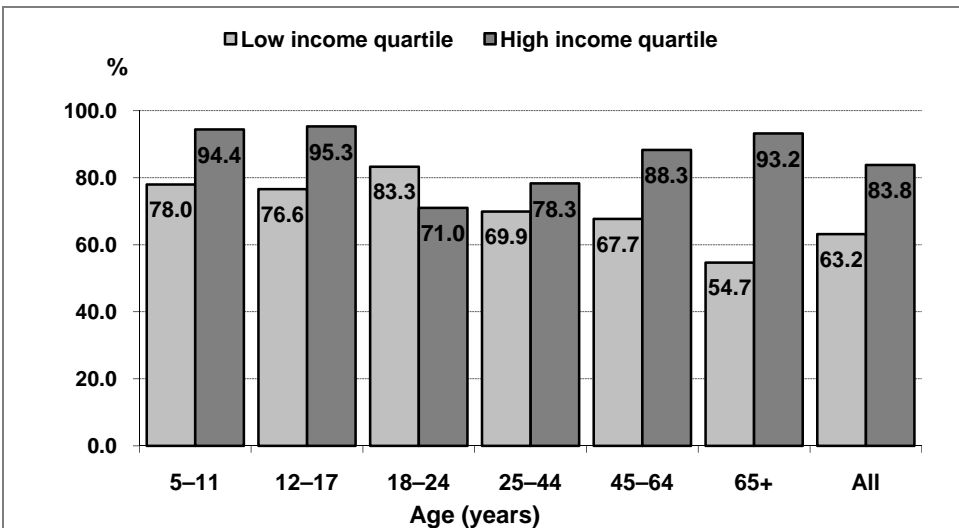
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Low income and disadvantaged

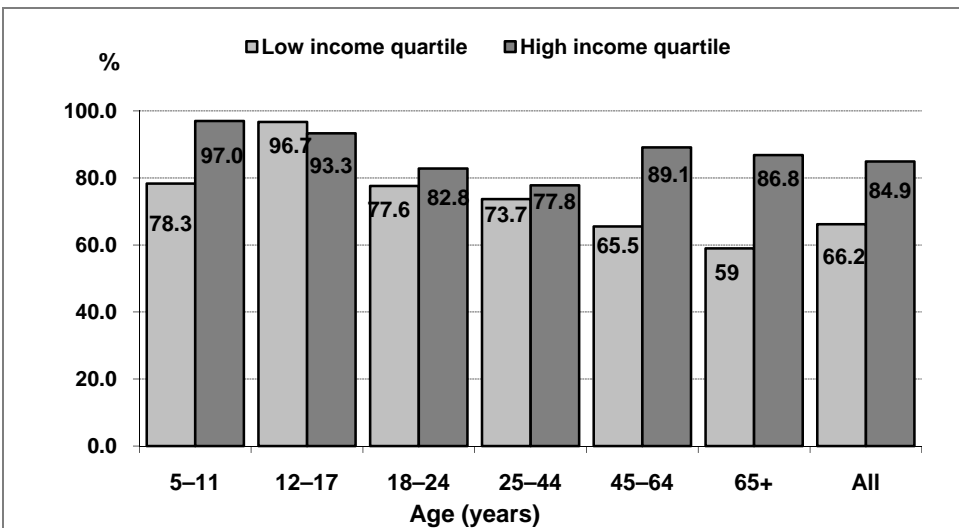
Percentage who visited in last 2 years, low and high income quartiles, 2002



Percentage who visited in last 2 years, low and high income quartiles, 2005



Percentage who visited in last 2 years, low and high income quartiles, 2008

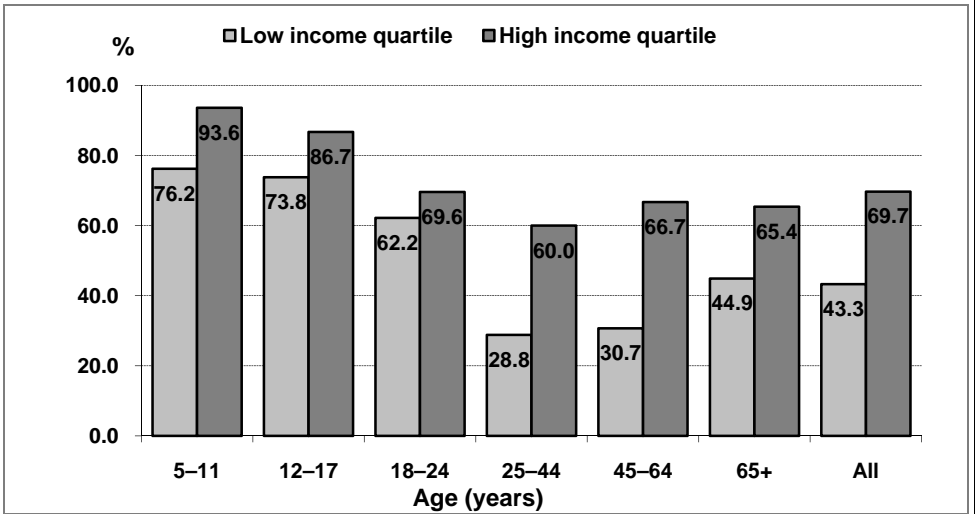


Outcome Indicator

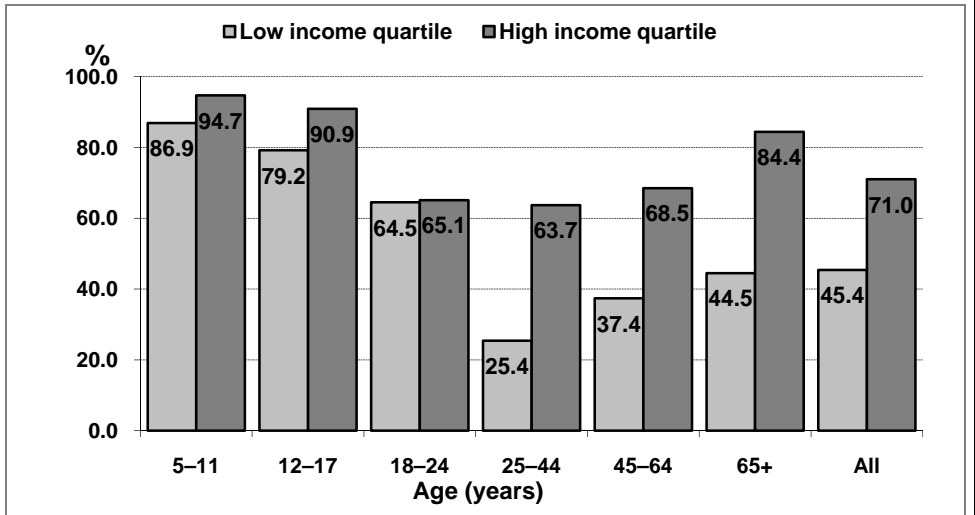
Status: Documented by ARCPOH through the National Dental Telephone Interview Survey. Supported by AGDoHA under MoU with AIHW.

Low income and disadvantaged

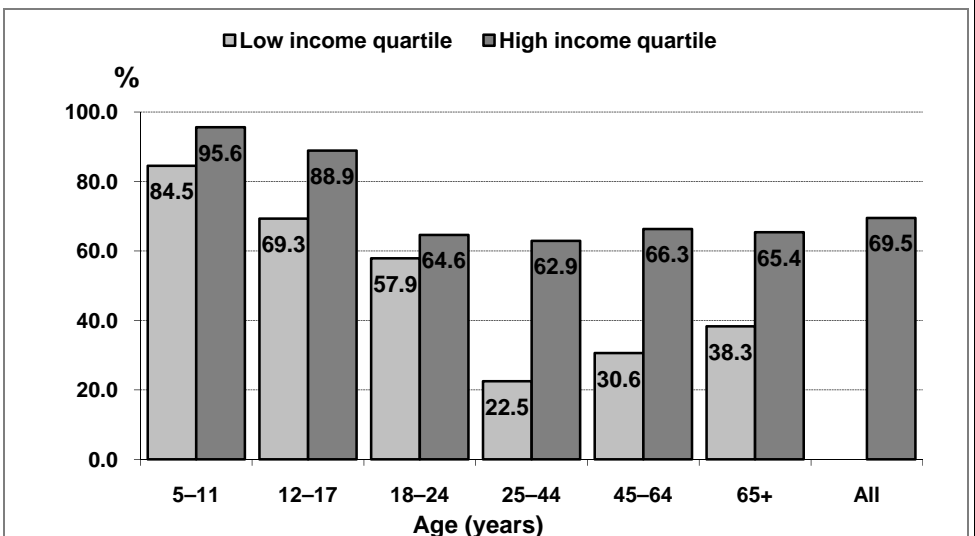
Percentage of dentate persons who usually visit for checkup, low and high income quartiles, 2002



Percentage of dentate persons who usually visit for checkup, low and high income quartiles, 2005



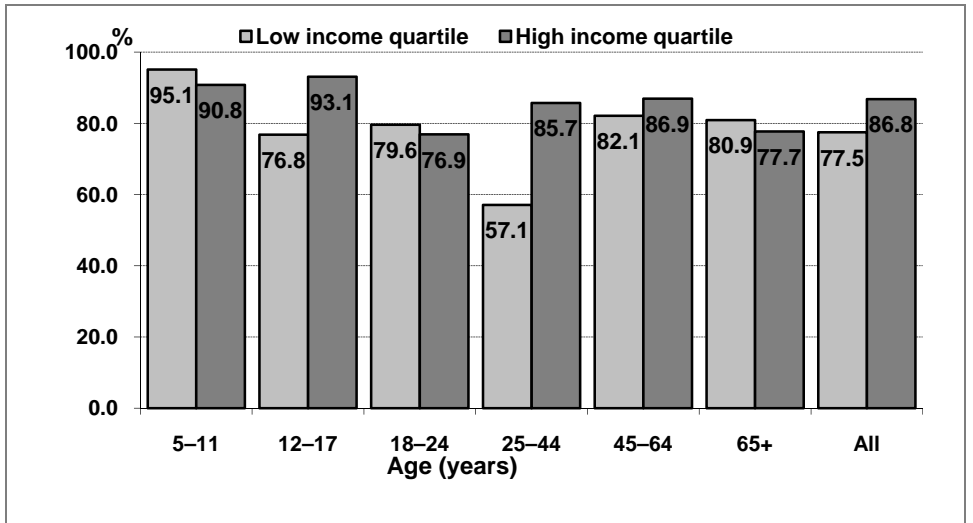
Percentage of dentate persons who usually visit for checkup, low and high income quartiles, 2008



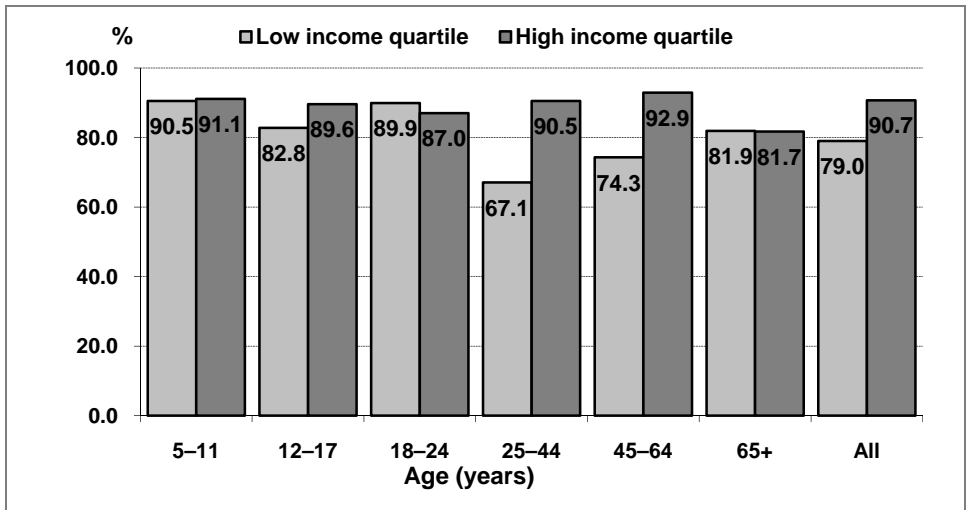
Process Indicators

Low income and disadvantaged

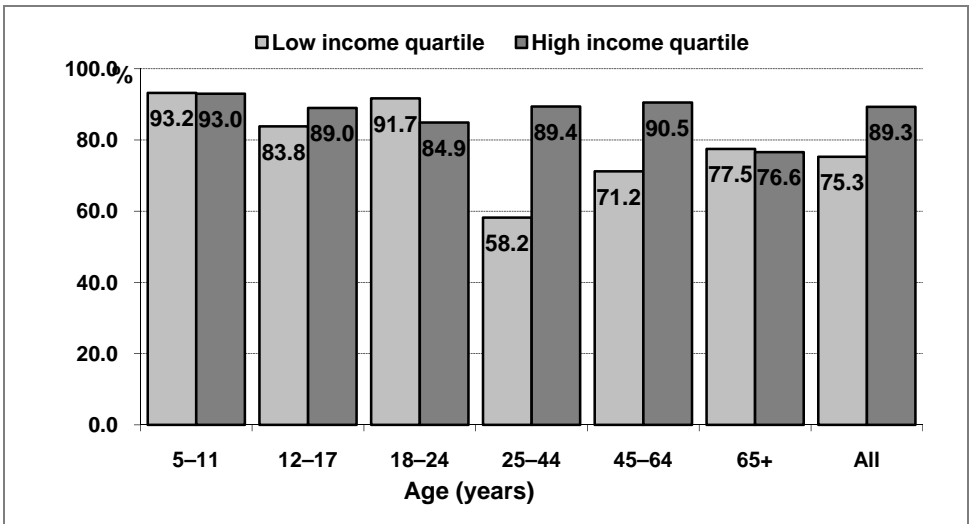
Dentate persons who visited in last year that did not have an extraction, low and high income quartiles, 2002.



Dentate persons who visited in last year that did not have an extraction, low and high income quartiles, 2005.

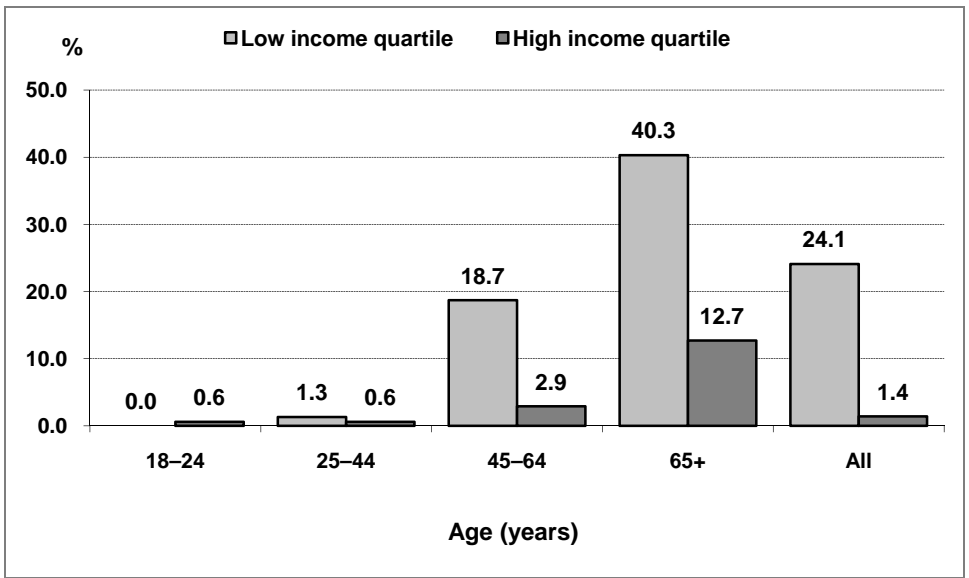


Dentate persons who visited in last year that did not have an extraction, low and high income quartiles, 2008.

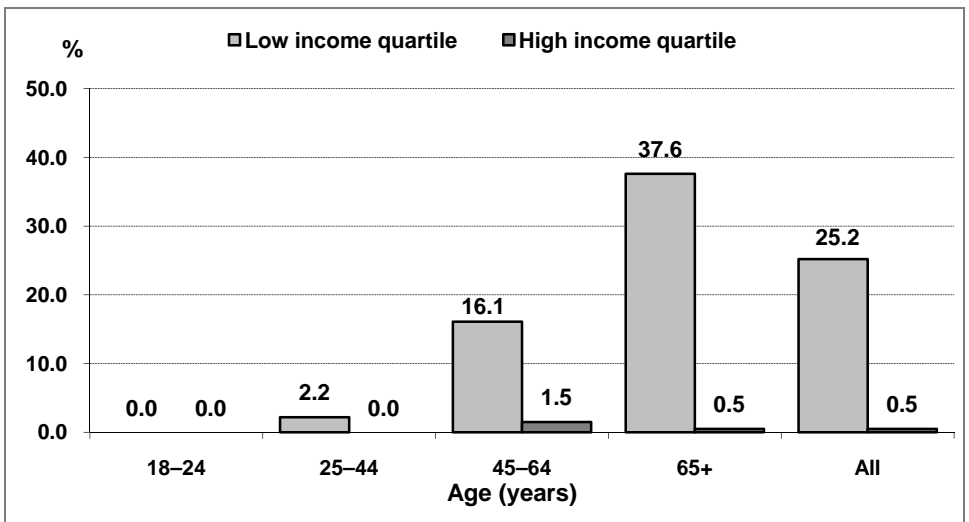


Outcome Indicator **Low income and disadvantaged**

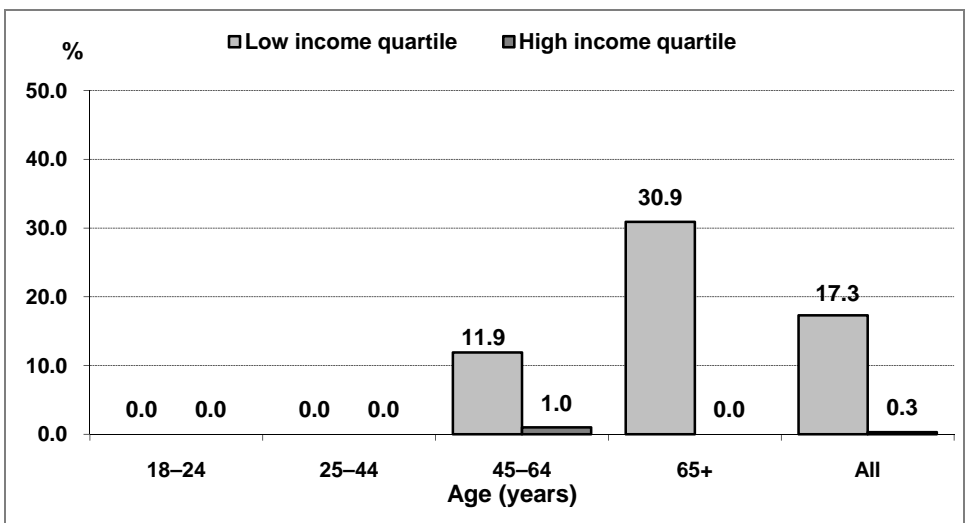
Prevalence (%) of edentulous adults, low and high income quartile, 2002.



Prevalence (%) of edentulous adults, low and high income quartile, 2005.



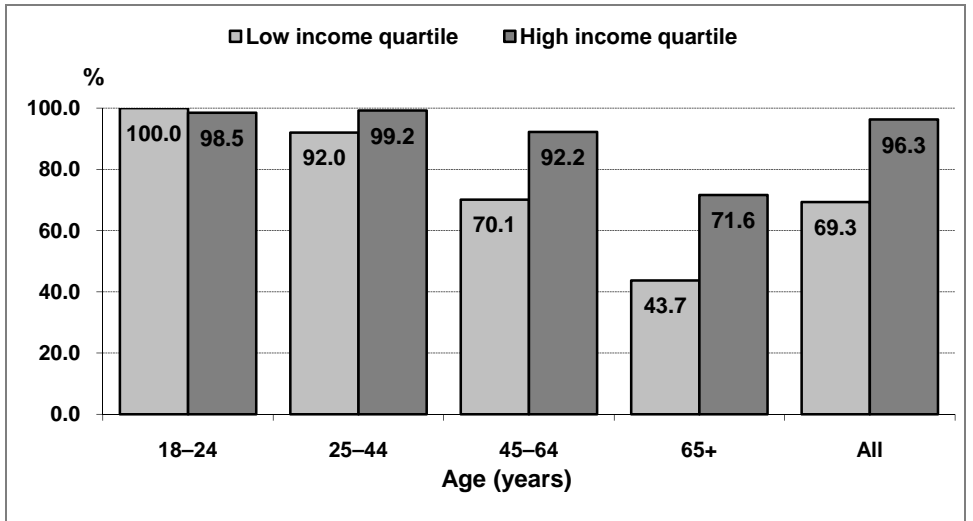
Prevalence (%) of edentulous adults, low and high income quartile, 2008.



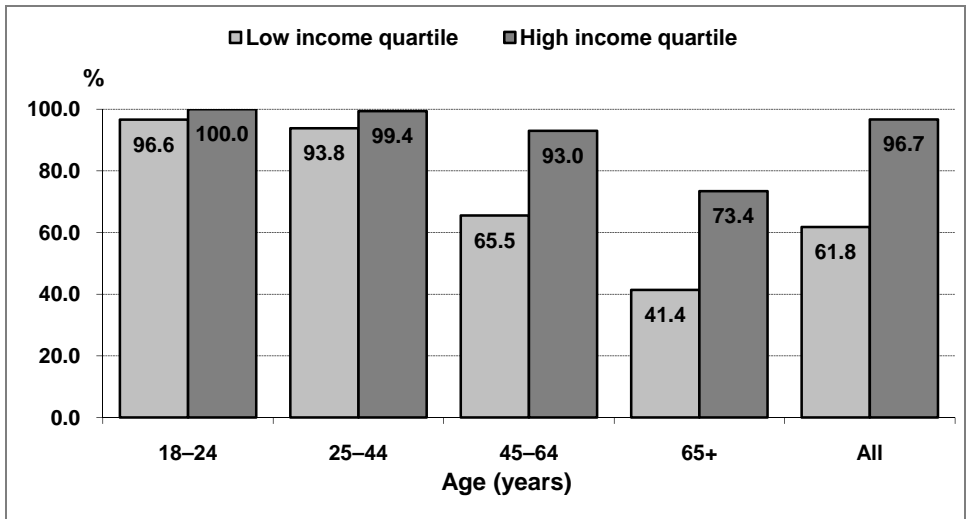
Process Indicators

Low income and disadvantaged

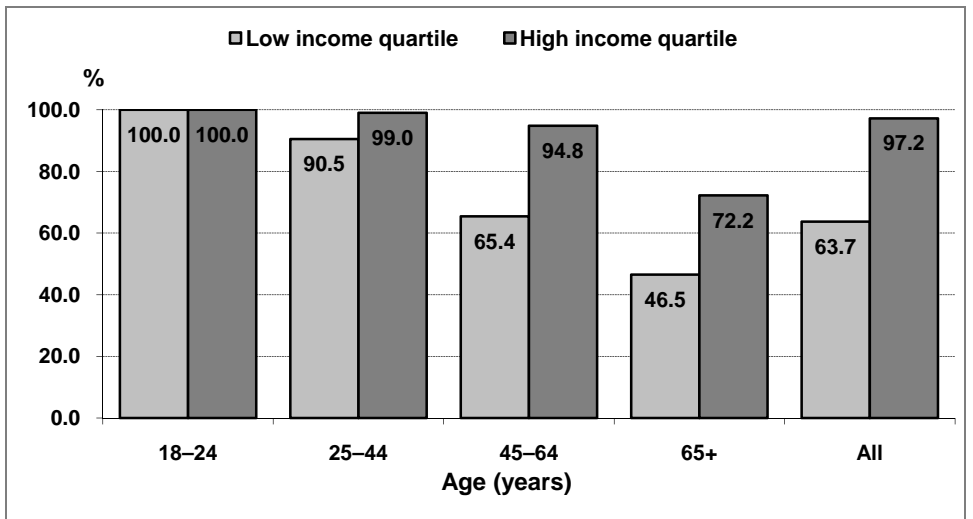
Percentage of dentate adults with 21+ teeth, low and high income quartile, 2002.



Percentage of dentate adults with 21+ teeth, low and high income quartile, 2005.

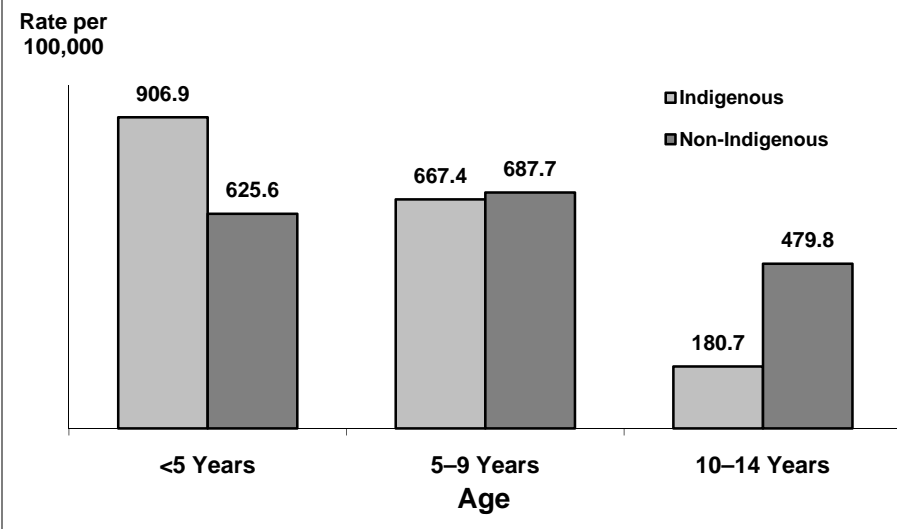
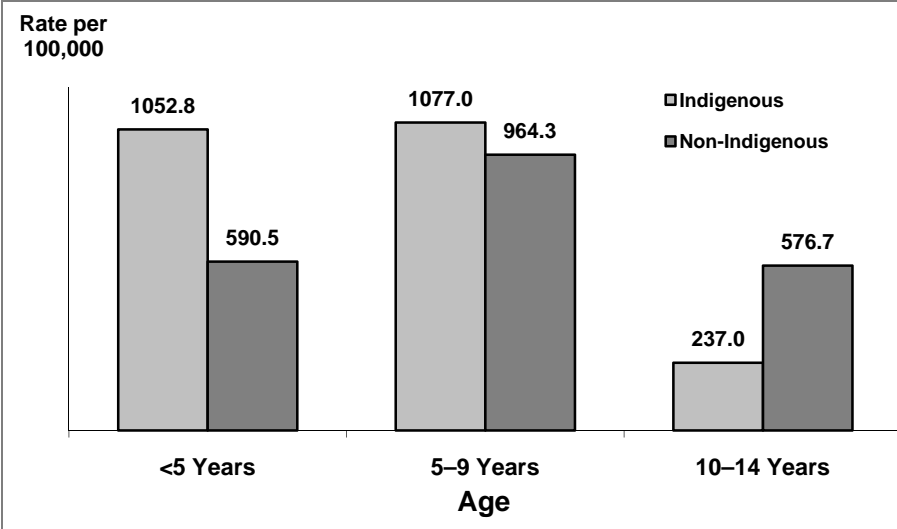


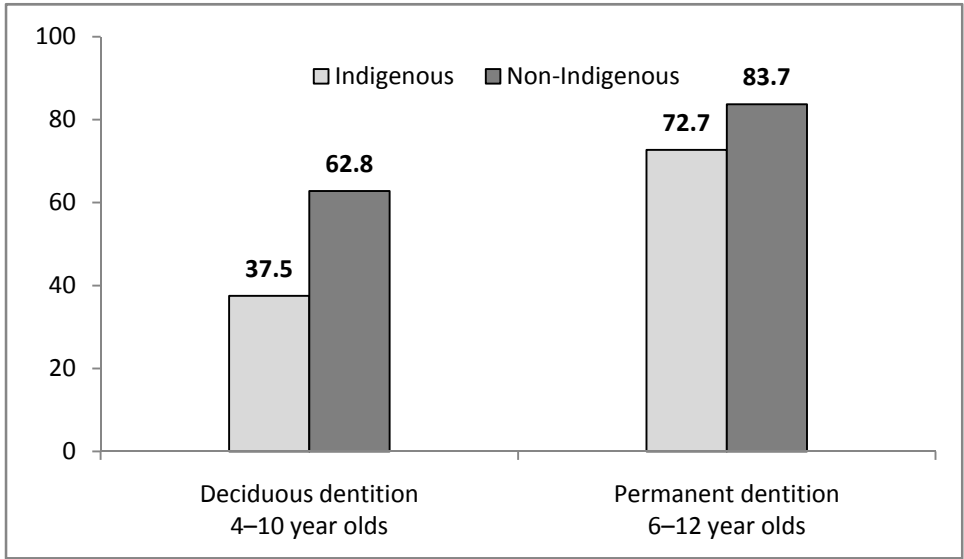
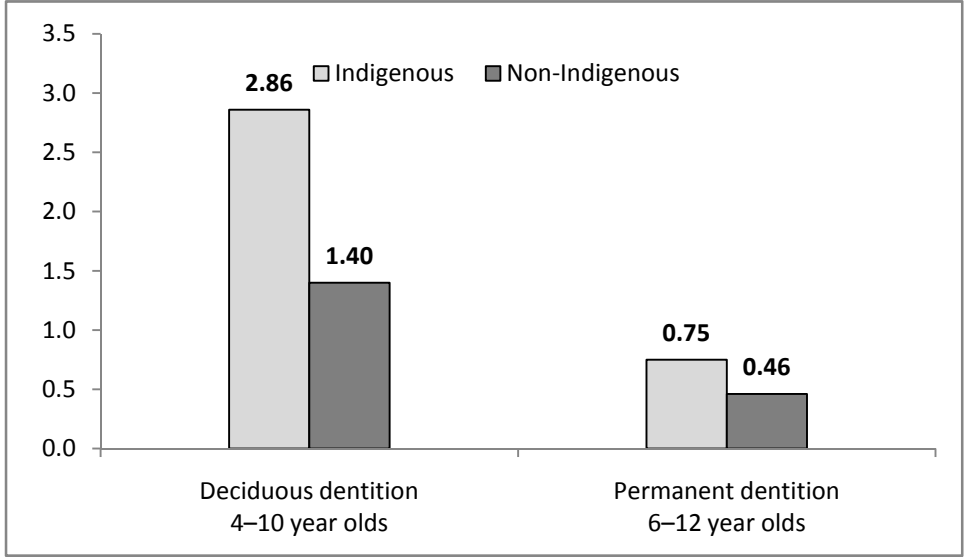
Percentage of dentate adults with 21+ teeth, low and high income quartile, 2008.



Action Area Five – People with special needs – no available process or outcome indicator data

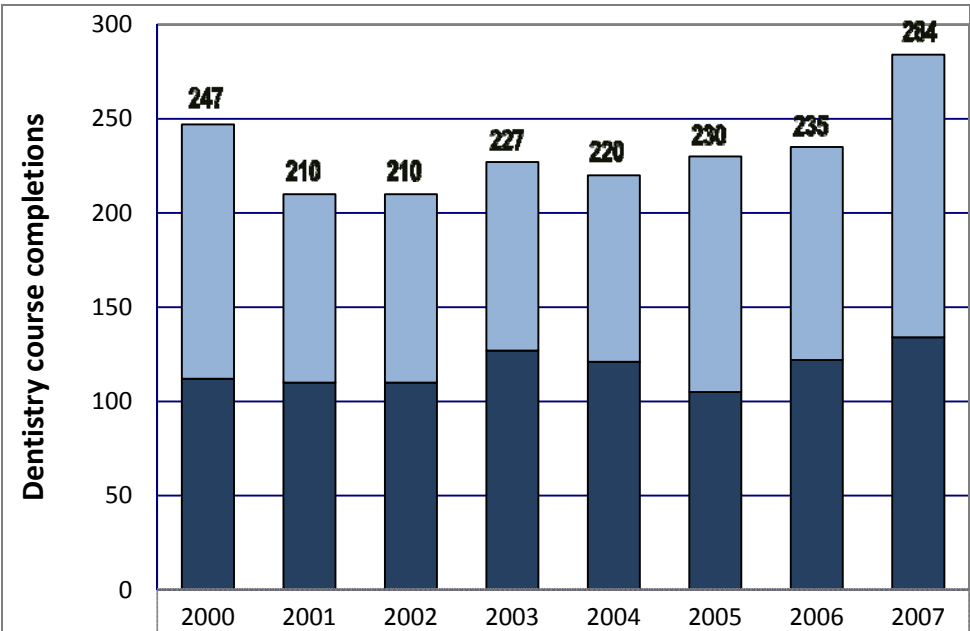
Action Area Six – Aboriginal and Torres Strait Islander People

Process Indicator	Aboriginal and Torres Strait Islander People																								
<p>Indicator 16: Rate of Aboriginal children having general anaesthetics for oral health problems</p> <p>Source: AIHW Hospital Morbidity Database. Estimated Resident Populations from Australian Bureau of Statistics</p> <p>Baseline in 2003/04: Aboriginal child DGAs 585.0/100,000 Aboriginal children (revised from baseline report – updated data available)</p> <p>Update: 2007/08: Aboriginal child DGAs 788.3 per 100,000 Aboriginal Children</p> <p>Status: Compiled by ARCPOH from the AIHW Hospital Morbidity Database and ABS ERPs.</p>	<p>Rate of Aboriginal children having general anaesthetics for oral health problems, 2003/04.</p>  <table border="1"> <caption>Rate of Aboriginal children having general anaesthetics for oral health problems, 2003/04</caption> <thead> <tr> <th>Age</th> <th>Indigenous (Rate per 100,000)</th> <th>Non-Indigenous (Rate per 100,000)</th> </tr> </thead> <tbody> <tr> <td><5 Years</td> <td>906.9</td> <td>625.6</td> </tr> <tr> <td>5–9 Years</td> <td>667.4</td> <td>687.7</td> </tr> <tr> <td>10–14 Years</td> <td>180.7</td> <td>479.8</td> </tr> </tbody> </table> <p>Rate of Aboriginal children having general anaesthetics for oral health problems, 2007/08</p>  <table border="1"> <caption>Rate of Aboriginal children having general anaesthetics for oral health problems, 2007/08</caption> <thead> <tr> <th>Age</th> <th>Indigenous (Rate per 100,000)</th> <th>Non-Indigenous (Rate per 100,000)</th> </tr> </thead> <tbody> <tr> <td><5 Years</td> <td>1052.8</td> <td>590.5</td> </tr> <tr> <td>5–9 Years</td> <td>1077.0</td> <td>964.3</td> </tr> <tr> <td>10–14 Years</td> <td>237.0</td> <td>576.7</td> </tr> </tbody> </table>	Age	Indigenous (Rate per 100,000)	Non-Indigenous (Rate per 100,000)	<5 Years	906.9	625.6	5–9 Years	667.4	687.7	10–14 Years	180.7	479.8	Age	Indigenous (Rate per 100,000)	Non-Indigenous (Rate per 100,000)	<5 Years	1052.8	590.5	5–9 Years	1077.0	964.3	10–14 Years	237.0	576.7
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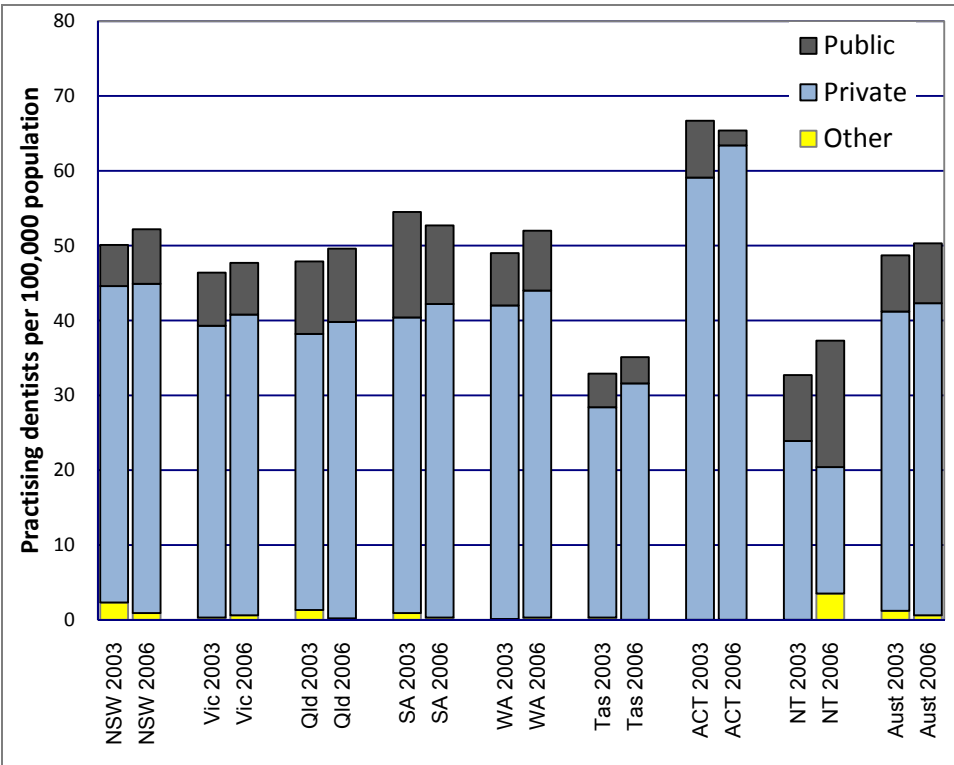
Outcome Indicators	Aboriginal and Torres Strait Islander People																								
<p>Indicator 17: Reduction of oral health inequalities in oral health between Aboriginal and Torres Strait Islander people and the rest of the Australian population</p> <p>Source:</p> <ul style="list-style-type: none"> ➤ Children Child Dental Health Survey and Indigenous Oral Health Dataset ARCPOH <p>Baseline:</p> <ul style="list-style-type: none"> ➤ Compiled across 2000–03 from NSW, SA, NT Indigenous children 4-10 years old had 2.04 times the mean dmft of non-Indigenous children Indigenous children 6-14 years old had 1.63 times the mean DMFT of non-Indigenous children <p>Status: Documented by ARCPOH from the Child Dental Health Survey and Indigenous Oral Health Data set Supported by AIHW</p>	<p>Percentage of children with no caries experience, Indigenous compared with non-Indigenous, 2000/03</p>  <table border="1"> <caption>Percentage of children with no caries experience</caption> <thead> <tr> <th>Dentition Type</th> <th>Age Group</th> <th>Indigenous (%)</th> <th>Non-Indigenous (%)</th> </tr> </thead> <tbody> <tr> <td>Deciduous dentition</td> <td>4–10 year olds</td> <td>37.5</td> <td>62.8</td> </tr> <tr> <td>Permanent dentition</td> <td>6–12 year olds</td> <td>72.7</td> <td>83.7</td> </tr> </tbody> </table> <p>Mean number of teeth in children with caries experience, Indigenous compared with non-Indigenous, 2000/03</p>  <table border="1"> <caption>Mean number of teeth in children with caries experience</caption> <thead> <tr> <th>Dentition Type</th> <th>Age Group</th> <th>Indigenous</th> <th>Non-Indigenous</th> </tr> </thead> <tbody> <tr> <td>Deciduous dentition</td> <td>4–10 year olds</td> <td>2.86</td> <td>1.40</td> </tr> <tr> <td>Permanent dentition</td> <td>6–12 year olds</td> <td>0.75</td> <td>0.46</td> </tr> </tbody> </table> <p>Comment.</p> <p>Data on Indigenous children derived from a limited number of States/Territories. Data on Indigenous adults are sparse. No updated information for Indigenous children available after 2000/03.</p>	Dentition Type	Age Group	Indigenous (%)	Non-Indigenous (%)	Deciduous dentition	4–10 year olds	37.5	62.8	Permanent dentition	6–12 year olds	72.7	83.7	Dentition Type	Age Group	Indigenous	Non-Indigenous	Deciduous dentition	4–10 year olds	2.86	1.40	Permanent dentition	6–12 year olds	0.75	0.46
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Action Area Seven – Workforce

Process Indicators	Workforce																																																												
<p>Indicator 18: Dentists migrating from countries covered by automatic qualification recognition agreements.</p> <p>Source: DIMIA via ABS</p> <p>Baseline: Net migration gain 39 in 2000</p> <p>Update: In Nov 2006, net gain 63 (YTD)</p> <p>Status: Compiled by ARCPOH from DIMIA data processed by ABS. Updated to 2006. Supported by AIHW.</p> <p>Comments: Estimates represent the number of UK, Eire or NZ citizen dentists arriving in Australia as long-term visitors (expected length of stay greater than 12 months). It should be noted that it is not known what proportion will practice dentistry while in Australia.</p>	<p>Long term visitor data: dentists with UK, Eire and NZ citizenship</p> <table border="1" data-bbox="564 387 1520 763"> <thead> <tr> <th>Age (years)</th> <th>1998</th> <th>1999</th> <th>2000</th> <th>2001</th> <th>2002</th> <th>2003</th> <th>2004</th> <th>2005</th> <th>2006 YTD (10th Nov)</th> </tr> </thead> <tbody> <tr> <td>20–29</td> <td>18</td> <td>15</td> <td>21</td> <td>41</td> <td>43</td> <td>47</td> <td>39</td> <td>35</td> <td>27</td> </tr> <tr> <td>30–39</td> <td>8</td> <td>16</td> <td>15</td> <td>8</td> <td>26</td> <td>22</td> <td>33</td> <td>26</td> <td>28</td> </tr> <tr> <td>40–49</td> <td>—</td> <td>—</td> <td>3</td> <td>5</td> <td>5</td> <td>5</td> <td>8</td> <td>5</td> <td>5</td> </tr> <tr> <td>50+</td> <td>—</td> <td>3</td> <td>—</td> <td>3</td> <td>7</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> </tr> <tr> <td>Total</td> <td>26</td> <td>34</td> <td>39</td> <td>57</td> <td>81</td> <td>77</td> <td>83</td> <td>69</td> <td>63</td> </tr> </tbody> </table> <p>Note: This estimate is based on citizenship, not on place of qualification (which is not known). These numbers may include UK, Eire or NZ dentists arriving in Australia who did not gain their qualification from an institution in their country of citizenship and hence are not eligible for automatic recognition of qualifications. Alternatively, there may be dentists arriving in Australia who qualify for automatic recognition (qualified in UK, Eire or NZ) but do not hold UK, Eire or NZ citizenship. The intentions to practice dentistry by long term arrivals are not known.</p>	Age (years)	1998	1999	2000	2001	2002	2003	2004	2005	2006 YTD (10 th Nov)	20–29	18	15	21	41	43	47	39	35	27	30–39	8	16	15	8	26	22	33	26	28	40–49	—	—	3	5	5	5	8	5	5	50+	—	3	—	3	7	3	3	3	3	Total	26	34	39	57	81	77	83	69	63
Age (years)	1998	1999	2000	2001	2002	2003	2004	2005	2006 YTD (10 th Nov)																																																				
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30–39	8	16	15	8	26	22	33	26	28																																																				
40–49	—	—	3	5	5	5	8	5	5																																																				
50+	—	3	—	3	7	3	3	3	3																																																				
Total	26	34	39	57	81	77	83	69	63																																																				
<p>Indicator 19: Successful completions of the Australian Dental Council (ADC) examination process</p> <p>Source: ADC</p> <p>Baseline: 2000</p> <ul style="list-style-type: none"> ➤ Successful completions - 51 in 2000. <p>Update: 2008</p> <ul style="list-style-type: none"> ➤ Successful completions - 171 in 2007 <p>Status: Compiled by ARCPOH from ADC data</p> <p>Comments: Due to infrastructure constraints it is considered unlikely that there will be any future growth in number of successful completions. The proportion of successful candidates that do not continue on to live and practice in Australia is not known.</p>	<p>Successful completions of the ADC examinations for overseas trained dentists.</p> <div data-bbox="564 1167 1501 1868"> <table border="1" data-bbox="608 1659 1453 1720"> <thead> <tr> <th>Year</th> <th>ADC successful candidates</th> </tr> </thead> <tbody> <tr> <td>2000</td> <td>51</td> </tr> <tr> <td>2001</td> <td>52</td> </tr> <tr> <td>2002</td> <td>37</td> </tr> <tr> <td>2003</td> <td>48</td> </tr> <tr> <td>2004</td> <td>61</td> </tr> <tr> <td>2005</td> <td>110</td> </tr> <tr> <td>2006</td> <td>158</td> </tr> <tr> <td>2007</td> <td>171</td> </tr> </tbody> </table> <p>Source: Australian Dental Council (ADC), personal communication.</p> <p>Note: The numbers cited for 2000 and 2001 have been updated recently and vary from previously published estimates.</p> </div>	Year	ADC successful candidates	2000	51	2001	52	2002	37	2003	48	2004	61	2005	110	2006	158	2007	171																																										
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Process Indicators	Workforce																														
<p>Indicator 20: Graduation estimates for oral health professionals in Australian universities and TAFE colleges.</p> <p>Source: DEST data compiled by ARCPOH, referenced checked against ACODS data.</p> <p>Baseline: 2000</p> <ul style="list-style-type: none"> ➤ 247 BDS domestic graduates, 55% female graduates <p>Update: 2007</p> <ul style="list-style-type: none"> ➤ 288 BDS domestic graduates, 53% female graduates <p>Status: Updated 2008. Compiled by ARCPOH. Data sourced from DEST data collections, reconciled with Australian Council of Dental Schools (ACODS) data Supported by AIHW.</p>	<p>Domestic BDS graduates from Australian Universities by year of graduation and sex, 2000 to 2007</p>  <table border="1" data-bbox="590 907 1516 996"> <thead> <tr> <th></th> <th>2000</th> <th>2001</th> <th>2002</th> <th>2003</th> <th>2004</th> <th>2005</th> <th>2006</th> <th>2007</th> </tr> </thead> <tbody> <tr> <td>Female</td> <td>135</td> <td>100</td> <td>100</td> <td>100</td> <td>99</td> <td>125</td> <td>113</td> <td>150</td> </tr> <tr> <td>Male</td> <td>112</td> <td>110</td> <td>110</td> <td>127</td> <td>121</td> <td>105</td> <td>122</td> <td>134</td> </tr> </tbody> </table> <p>Source: DEST aggregated data sourced from The University of Adelaide Data Warehouse, 23/08/07 and August 2009, analysed by ARCPOH</p> <p>Notes</p> <ol style="list-style-type: none"> 1. Does not include international students. 2. For some institutions the graduates from BOH programs could not be disaggregated from the BDS graduates. The estimates reported in the figure were based on DEST completion numbers: FOE = dentistry/ dental studies (hons), FOE code = 60701. It is suspected that the 2005, 2006 and 2007 numbers include approximately 15, 29 and 48 BOH graduates respectively. 		2000	2001	2002	2003	2004	2005	2006	2007	Female	135	100	100	100	99	125	113	150	Male	112	110	110	127	121	105	122	134			
	2000	2001	2002	2003	2004	2005	2006	2007																							
Female	135	100	100	100	99	125	113	150																							
Male	112	110	110	127	121	105	122	134																							
<p>Comments: In 2007 there were 284 course completions from 5 dental schools. The marked increase in the number of graduates in 2007 was related to small increases in some schools and to DEST coding issues of BOH graduates (see notes).</p> <p>In 2007 there were 206 allied practitioner graduates, estimated numbers have nearly doubled since 2005 with the first cohorts graduating from new programs. It is expected that the annual numbers of graduates will increase further by 2011 (to approximately 280) and then stabilise.</p>	<p>Domestic allied dental graduates from Australian Institutions by year of graduation and profession, 2003 to 2007</p> <table border="1" data-bbox="558 1568 1436 1792"> <thead> <tr> <th>Allied dental practitioners</th> <th>2003</th> <th>2004</th> <th>2005</th> <th>2006</th> <th>2007</th> </tr> </thead> <tbody> <tr> <td>Dental hygienists</td> <td>52</td> <td>52</td> <td>52</td> <td>51</td> <td>86</td> </tr> <tr> <td>Dental therapists</td> <td>24</td> <td>24</td> <td>24</td> <td>24</td> <td>24</td> </tr> <tr> <td>BOH (Dual qualified)</td> <td>23</td> <td>22</td> <td>35</td> <td>57</td> <td>96</td> </tr> <tr> <td>Total</td> <td>99</td> <td>98</td> <td>111</td> <td>132</td> <td>206</td> </tr> </tbody> </table> <p>Source: Estimates developed via consultation with professional associations, educators, ACODS estimates and DEST data (2003 & 2004)</p> <p>Note: As at 2009: 3 x Hygiene programs (inc. 1 x TAFE course), 1x therapy program, 6 x dual qualified BOH degree courses, expected to increase to 8 courses by 2010. May include small numbers of international students.</p>	Allied dental practitioners	2003	2004	2005	2006	2007	Dental hygienists	52	52	52	51	86	Dental therapists	24	24	24	24	24	BOH (Dual qualified)	23	22	35	57	96	Total	99	98	111	132	206
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Outcome Indicators	Workforce																																				
<p>Indicator 21: Projected aggregate capacity to supply dental visits compared to projected demand for visits.</p> <p>Source: ARCPOH dental labour force projections</p> <p><u>Baseline</u>: Series1 projection 2000 to 2010</p> <p><u>Update</u>: Series 2 projection 2005 to 2020</p> <p>➤ Medium supply scenario – main assumption – there will be continued decline in dentists’ productivity (in terms of visits supplied per annum) but only at half the rate of decline previously observed.</p> <p>➤ Conservative demand for dental visits scenario – main assumption - there will be continued growth in per capita demand (PCD) for dental visits, but only at half the rate previously observed.</p> <p>➤ Projected shortfall by 2010 is 0.7 million visits and approximately 2.2 million visits by 2020.</p> <p>Status: ARCPOH periodically updates both demand and supply estimates and projections. Supported by AIHW.</p> <p>Comments: Series 2 supply projection did not take into account the recent doubling of allied practitioner graduates and did not include recruitment assumptions that accommodate the anticipated future increase in allied graduates due to the establishment of new programs. However, a counterbalance is expected in that estimates of number of visits supplied by dental hygienists likely to be overestimated.</p>	Projected demand and supply of dental visits by projection series																																				
	Supply of dental visits (millions)																																				
	Series 1 (Baseline)		2000	2005	2010																																
	Dentists	24.10	n.a.	25.05																																	
	Allied practitioners	4.32	n.a.	4.38																																	
	Series 1 total		28.42	29.26	29.43																																
	Series 2		2005	2010	2015	2020																															
	Dentists	25.11	27.23	29.64	32.28																																
	Allied practitioners	4.06	4.31	4.36	4.30																																
	Series 2 total		29.17	31.54	34.00	36.58																															
Demand dental visits (millions)																																					
		2000	2005/06	2010	2015	2020																															
Series 1		26.95	30.06	33.21	–	–																															
Series 2		n.a.	28.21	32.22	35.03	38.82																															
Projected surplus(+ve)/shortfall (-ve) of dental visits (millions)																																					
		2000	2005/06	2010	2015	2020																															
Series 1		1.47	-0.8	-3.78																																	
Series 2			0.96	-0.68	-1.03	-2.24																															
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1. n.a. denotes not available.																																					
2. Allied practitioners include dental therapists, hygienists, dual qualified therapists and dental prosthetists.																																					
3. Series 1: Medium supply scenario and 'Half Per capita demand growth' demand scenario, for assumptions and inputs see: Spencer AJ, Teusner DN, Carter KD & Brennan DS 2003. The dental labour force in Australia: the position and policy directions. AIHW cat no. POH2. Canberra: Australian Institute of Health and Welfare (population Oral Health Series No.2)																																					
4. Series 2 Medium supply scenario published 2008, for assumptions and inputs see: AIHW Dental Statistics & Research Unit (2008), Dental Labour Force Projections, 2005 to 2020. Research Report No. 43. Canberra: Catalogue No. Den 189.																																					
Series 2 'Half Per capita demand growth' Demand scenario published 2008, for assumptions and inputs see: AIHW Dental Statistics & Research Unit (2008), Projected Demand for Dental care 2020. Research Report No. 42. Canberra: Catalogue No. Den 190.																																					
5. <i>Recruitment inputs for series 2 supply projections</i>																																					
<table border="1"> <thead> <tr> <th>Allied group</th> <th>2005–2008</th> <th>2009–2013</th> <th>2014–2020</th> </tr> </thead> <tbody> <tr> <td>Aust graduates</td> <td>240</td> <td>347</td> <td>498</td> </tr> <tr> <td>OTD (ADC candidates)</td> <td>141</td> <td>100</td> <td>100</td> </tr> <tr> <td>Automatic recognition</td> <td>57</td> <td>57</td> <td>57</td> </tr> <tr> <td>RTP (based on %)</td> <td>194</td> <td>216</td> <td>276</td> </tr> <tr> <td>Return from abroad</td> <td>93</td> <td>93</td> <td>93</td> </tr> <tr> <td><i>Female</i></td> <td>345</td> <td>394</td> <td>509</td> </tr> <tr> <td><i>Male</i></td> <td>308</td> <td>418</td> <td>514</td> </tr> </tbody> </table>						Allied group	2005–2008	2009–2013	2014–2020	Aust graduates	240	347	498	OTD (ADC candidates)	141	100	100	Automatic recognition	57	57	57	RTP (based on %)	194	216	276	Return from abroad	93	93	93	<i>Female</i>	345	394	509	<i>Male</i>	308	418	514
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<p>Indicator 22: Supply dental practitioners across sectors and regions</p> <ul style="list-style-type: none"> • Private/public • Major city, regional, remote <p>Source: ARCPOH National Dental Labour Force Data Collection</p> <p>Baseline: 2003</p> <ul style="list-style-type: none"> ➤ Private – 40.0 dentists/100,000 Public – 7.5 dentists/100,000 <p>Update: 2006</p> <ul style="list-style-type: none"> ➤ Private – 41.7 dentists/100,000 Public – 8.0 dentists/100,000 <p>Status: Compiled by ARCPOH from the National Dental Labour Force Data Collection conducted in collaboration with States/Territories and Dental Boards. Calculated using ABS population estimates. Supported by AIHW</p> <p>Comments: Based on practice type/postcode of main employment location.</p>	<p>Practising dentists per 100,000 population in private, public and other practice by State/Territory, 2003 and 2006.</p>  <p>Practising dentists per 100,000 population in private, public and other practice by State/Territory, 2003 and 2006.</p> <table border="1" data-bbox="558 1276 1516 1724"> <thead> <tr> <th>2003</th> <th>NSW</th> <th>Vic</th> <th>Qld</th> <th>SA</th> <th>WA</th> <th>Tas</th> <th>ACT</th> <th>NT</th> <th>Aust</th> </tr> </thead> <tbody> <tr> <td>Other</td> <td>2.3</td> <td>0.3</td> <td>1.3</td> <td>0.9</td> <td>0.1</td> <td>0.3</td> <td>–</td> <td>–</td> <td>1.2</td> </tr> <tr> <td>Private</td> <td>42.3</td> <td>39.0</td> <td>36.9</td> <td>39.5</td> <td>41.9</td> <td>28.1</td> <td>59.1</td> <td>23.9</td> <td>40.0</td> </tr> <tr> <td>Public</td> <td>5.5</td> <td>7.1</td> <td>9.7</td> <td>14.1</td> <td>7.0</td> <td>4.5</td> <td>7.6</td> <td>8.8</td> <td>7.5</td> </tr> <tr> <td>Total</td> <td>50.1</td> <td>46.4</td> <td>47.9</td> <td>54.5</td> <td>49</td> <td>32.9</td> <td>66.7</td> <td>32.7</td> <td>48.7</td> </tr> </tbody> </table> <table border="1" data-bbox="558 1523 1516 1724"> <thead> <tr> <th>2006</th> <th>NSW</th> <th>Vic</th> <th>Qld</th> <th>SA</th> <th>WA</th> <th>Tas</th> <th>ACT</th> <th>NT</th> <th>Aust</th> </tr> </thead> <tbody> <tr> <td>Other</td> <td>0.9</td> <td>0.6</td> <td>0.2</td> <td>0.3</td> <td>0.3</td> <td>–</td> <td>–</td> <td>3.5</td> <td>0.6</td> </tr> <tr> <td>Private</td> <td>44.0</td> <td>40.2</td> <td>39.6</td> <td>41.9</td> <td>43.7</td> <td>31.6</td> <td>63.4</td> <td>16.9</td> <td>41.7</td> </tr> <tr> <td>Public</td> <td>7.3</td> <td>6.9</td> <td>9.8</td> <td>10.5</td> <td>8.0</td> <td>3.5</td> <td>2.0</td> <td>16.9</td> <td>8.0</td> </tr> <tr> <td>Total</td> <td>52.2</td> <td>47.7</td> <td>49.6</td> <td>52.7</td> <td>52</td> <td>35.1</td> <td>65.4</td> <td>37.3</td> <td>50.3</td> </tr> </tbody> </table>	2003	NSW	Vic	Qld	SA	WA	Tas	ACT	NT	Aust	Other	2.3	0.3	1.3	0.9	0.1	0.3	–	–	1.2	Private	42.3	39.0	36.9	39.5	41.9	28.1	59.1	23.9	40.0	Public	5.5	7.1	9.7	14.1	7.0	4.5	7.6	8.8	7.5	Total	50.1	46.4	47.9	54.5	49	32.9	66.7	32.7	48.7	2006	NSW	Vic	Qld	SA	WA	Tas	ACT	NT	Aust	Other	0.9	0.6	0.2	0.3	0.3	–	–	3.5	0.6	Private	44.0	40.2	39.6	41.9	43.7	31.6	63.4	16.9	41.7	Public	7.3	6.9	9.8	10.5	8.0	3.5	2.0	16.9	8.0	Total	52.2	47.7	49.6	52.7	52	35.1	65.4	37.3	50.3
2003	NSW	Vic	Qld	SA	WA	Tas	ACT	NT	Aust																																																																																												
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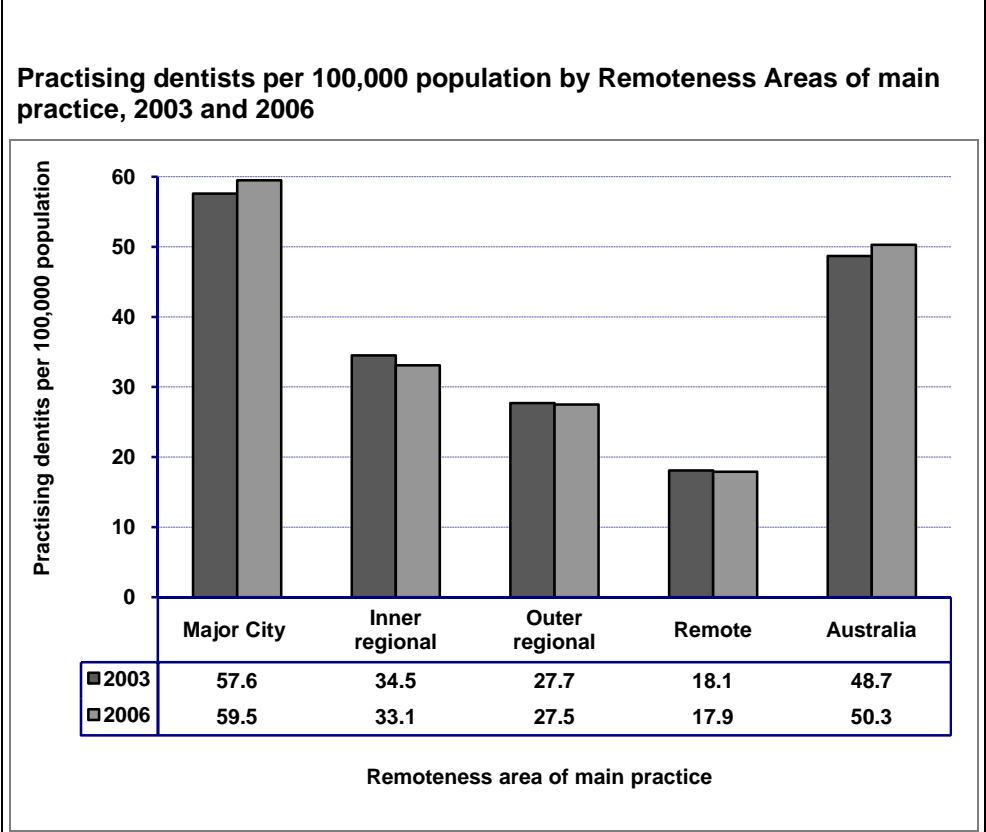
Indicator 22 (continued):
 Supply dental practitioners across sectors and regions

Baseline: 2003

- Urban/Rural
 Major city – 57.6 dentists/100,000
 Inner regional – 34.5 dentists/100,000
 Outer regional – 27.7 dentists/100,000
 Remote – 18.1 dentists/100,000

Update: 2006

- Urban/Rural
 Major city – 59.5 dentists/100,000
 Inner regional – 33.1 dentists/100,000
 Outer regional – 27.5 dentists/100,000
 Remote – 17.9 dentists/100,000



Supply of dental specialists across states/territories

Source: ARCPOH National Dental Labour Force Data Collection

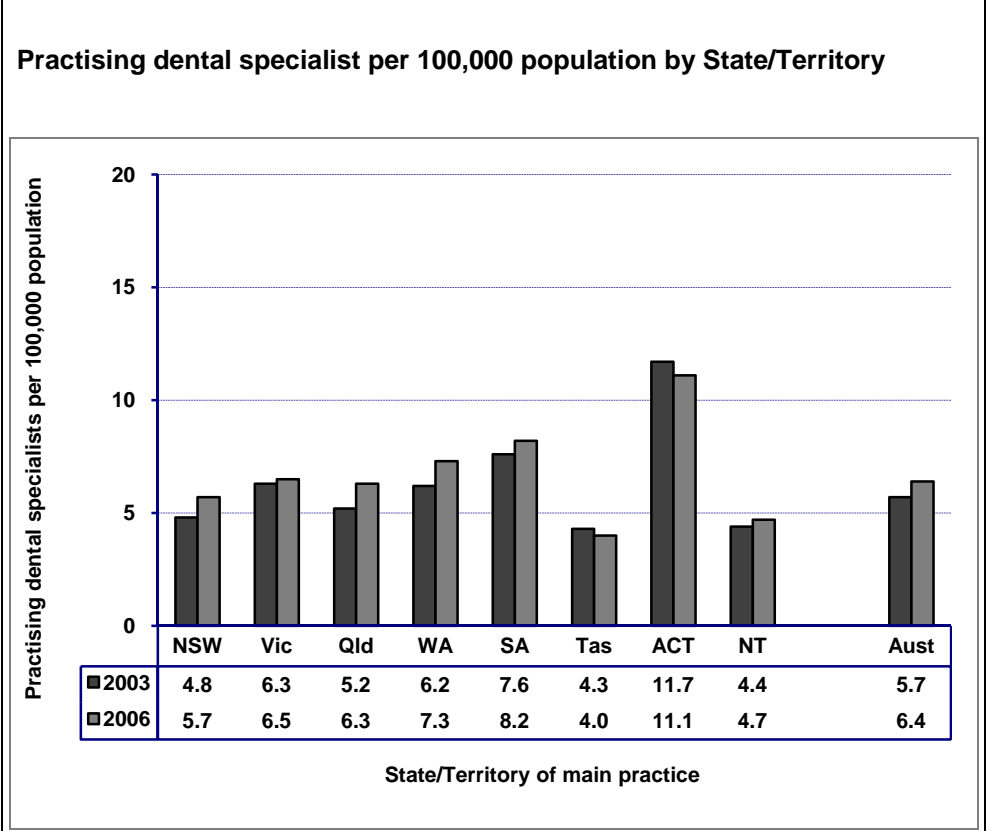
Baseline: 2003

- 5.7 practising specialists per 100,000 population

Update: 2006

- 6.4 practising specialists per 100,000 population

Status: Compiled by ARCPOH from the National Dental Labour Force Data Collection conducted in collaboration with States/Territories and Dental Boards. Calculated using ABS population estimates. Supported by AIHW



Outcome Indicators	Workforce																																																																																	
<p>Indicator 23: Supply of allied dental practitioners across regions</p> <p>Source: ARCPOH National Dental Labour Force Data Collection.</p> <p>Baseline: 2003</p> <p>Update: 2006</p> <p>Status: Compiled by ARCPOH from the National Dental Labour Force Data Collection conducted in collaboration with States/Territories and Dental Boards. Calculated using ABS population estimates. Supported by AIHW</p> <p>Comments: Based on post code of main employment location.</p>	<p>Practising allied dental practitioners per 100,000 population by Remoteness Areas of main practice, 2003 and 2005/06</p> <table border="1"> <thead> <tr> <th rowspan="2">Practitioner group</th> <th rowspan="2">Major city</th> <th colspan="3">Remoteness Area</th> <th rowspan="2">Australia</th> </tr> <tr> <th>Inner Regional</th> <th>Outer Regional</th> <th>Remote/Very Remote</th> </tr> </thead> <tbody> <tr> <td colspan="6">Dental therapists</td> </tr> <tr> <td>2003</td> <td>5.5</td> <td>7.7</td> <td>8.5</td> <td>5.5</td> <td>6.3</td> </tr> <tr> <td>2006</td> <td>5.2</td> <td>6.7</td> <td>7.4</td> <td>4.3</td> <td>5.7</td> </tr> <tr> <td colspan="6">Dental Hygienists</td> </tr> <tr> <td>2003</td> <td>3.8</td> <td>1.1</td> <td>1.2</td> <td>–</td> <td>2.9</td> </tr> <tr> <td>2006</td> <td>4.1</td> <td>1.5</td> <td>1.2</td> <td>0.2</td> <td>3.3</td> </tr> <tr> <td colspan="6">Dual registered Therapist/Hygienist</td> </tr> <tr> <td>2003^(a)</td> <td>..</td> <td>..</td> <td>..</td> <td>..</td> <td>..</td> </tr> <tr> <td>2006</td> <td>2.0</td> <td>1.4</td> <td>1.8</td> <td>0.6</td> <td>1.8</td> </tr> <tr> <td colspan="6">Dental Prosthetist^(b)</td> </tr> <tr> <td>2003</td> <td>4.7</td> <td>4.8</td> <td>3.0</td> <td>1.2</td> <td>4.5</td> </tr> <tr> <td>2005</td> <td>4.4</td> <td>4.8</td> <td>3.0</td> <td>0.6</td> <td>4.2</td> </tr> </tbody> </table> <p>a) The reporting of dual registered therapist/hygienists as a separate labour force group commenced in 2006.</p> <p>b) Prosthetist data for 2006 not available, 2005 estimates have been reported.</p>	Practitioner group	Major city	Remoteness Area			Australia	Inner Regional	Outer Regional	Remote/Very Remote	Dental therapists						2003	5.5	7.7	8.5	5.5	6.3	2006	5.2	6.7	7.4	4.3	5.7	Dental Hygienists						2003	3.8	1.1	1.2	–	2.9	2006	4.1	1.5	1.2	0.2	3.3	Dual registered Therapist/Hygienist						2003 ^(a)	2006	2.0	1.4	1.8	0.6	1.8	Dental Prosthetist^(b)						2003	4.7	4.8	3.0	1.2	4.5	2005	4.4	4.8	3.0	0.6	4.2
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