## State Summary

### Australian Capital Territory

#### Paediatric health

<table>
<thead>
<tr>
<th>Service</th>
<th>Lowest SA3 rate per 100,000</th>
<th>Highest SA3 rate per 100,000</th>
<th>Rate per 100,000</th>
<th>National rate per 100,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antibiotics dispensing in children 9 years and under</td>
<td>82,273</td>
<td>109,733</td>
<td>96,447</td>
<td>96,721</td>
</tr>
<tr>
<td>Proton pump inhibitor medicines dispensing 1 year and under</td>
<td>N/A</td>
<td>N/A</td>
<td>3,868</td>
<td>3,628</td>
</tr>
</tbody>
</table>

#### Gastrointestinal investigations and treatments

<table>
<thead>
<tr>
<th>Service</th>
<th>Lowest SA3 rate per 100,000</th>
<th>Highest SA3 rate per 100,000</th>
<th>Rate per 100,000</th>
<th>National rate per 100,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proton pump inhibitor medicines dispensing 18 years and over</td>
<td>80,420</td>
<td>182,846*</td>
<td>97,312</td>
<td>105,294</td>
</tr>
<tr>
<td>Colonoscopy hospitalisations all ages</td>
<td>622</td>
<td>1,743</td>
<td>1,144</td>
<td>2,881</td>
</tr>
<tr>
<td>Gastroscopy hospitalisations all ages</td>
<td>444</td>
<td>1,019</td>
<td>701</td>
<td>1,931</td>
</tr>
</tbody>
</table>

#### Thyroid investigations and treatments

<table>
<thead>
<tr>
<th>Service</th>
<th>Lowest SA3 rate per 100,000</th>
<th>Highest SA3 rate per 100,000</th>
<th>Rate per 100,000</th>
<th>National rate per 100,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thyroid stimulating hormone tests 18 years and over</td>
<td>22,024</td>
<td>41,423*</td>
<td>25,920</td>
<td>28,742</td>
</tr>
<tr>
<td>Thyroid function tests 18 years and over</td>
<td>13,211</td>
<td>15,983</td>
<td>13,866</td>
<td>12,116</td>
</tr>
<tr>
<td>Neck ultrasound 18 years and over</td>
<td>1,238</td>
<td>3,631*</td>
<td>1,449</td>
<td>1,606</td>
</tr>
<tr>
<td>Thyroidectomy hospitalisations 18 years and over</td>
<td>33</td>
<td>49</td>
<td>42</td>
<td>62</td>
</tr>
</tbody>
</table>

#### Cardiac tests

<table>
<thead>
<tr>
<th>Service</th>
<th>Lowest SA3 rate per 100,000</th>
<th>Highest SA3 rate per 100,000</th>
<th>Rate per 100,000</th>
<th>National rate per 100,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cardiac stress tests and imaging* 18 years and over</td>
<td>2,259</td>
<td>2,782</td>
<td>2,370</td>
<td>4,575</td>
</tr>
<tr>
<td>Stress echocardiography 18 years and over</td>
<td>600</td>
<td>913</td>
<td>731</td>
<td>1,491</td>
</tr>
<tr>
<td>Myocardial perfusion scans 18 years and over</td>
<td>186</td>
<td>313</td>
<td>241</td>
<td>384</td>
</tr>
<tr>
<td>Standard echocardiography 18 years and over</td>
<td>2,765</td>
<td>3,111</td>
<td>2,902</td>
<td>4,599</td>
</tr>
</tbody>
</table>

* exercise ECG, stress echocardiography, myocardial perfusion scans, computed tomography coronary arteries

Asterisks (*) indicate rates that are considered more volatile than other published rates and should be interpreted with caution. These rates are excluded from the calculation of the difference between the highest and lowest SA3 rates in Australia.
Antibiotics dispensing in children
9 years and under

Number of PBS prescriptions dispensed for antibiotics per 100,000 children aged 9 years and under, age and sex standardised, by Statistical Area Level 3 (SA3) of patient residence, 2016–17

Nationally, the rate was 16.5 times as high in the area with the highest rate compared to the area with the lowest rate.

Variation in the Australian Capital Territory

In the Australian Capital Territory, the lowest rate for antibiotics dispensing in children was in North Canberra (82,273 PBS prescriptions per 100,000 people) and the highest rate was in Weston Creek (109,733 PBS prescriptions per 100,000 people).

Lowest rate areas Of the 10 lowest SA3 rates nationally, none were in the Australian Capital Territory.

Highest rate areas Of the 10 highest SA3 rates nationally, none were in the Australian Capital Territory.

Proton pump inhibitor medicines dispensing 18 years and over

Number of PBS prescriptions dispensed for proton pump inhibitor medicines per 100,000 people aged 18 years and over, age and sex standardised, by Statistical Area Level 3 (SA3) of patient residence, 2016–17

Nationally, the rate was 5.0 times as high in the area with the highest rate compared to the area with the lowest rate.

Variation in the Australian Capital Territory

In the Australian Capital Territory, the lowest rate for proton pump inhibitor medicines dispensing was in South Canberra (80,420 PBS prescriptions per 100,000 people) and the highest rate was in Canberra East (182,846* PBS prescriptions per 100,000 people).

Lowest rate areas Of the 10 lowest SA3 rates nationally, none were in the Australian Capital Territory.

Highest rate areas Of the 10 highest SA3 rates nationally, one area was in the Australian Capital Territory.

Dotted areas and asterisks (*) indicate rates that are considered more volatile than other published rates and should be interpreted with caution. These rates are excluded from the calculation of the difference between the highest and lowest SA3 rates in Australia.

Nationally, the rate was **7.4 times as high** in the area with the highest rate compared to the area with the lowest rate.

### Variation in the Australian Capital Territory

In the Australian Capital Territory, the lowest rate for colonoscopy hospitalisations was in **Woden Valley** (622 hospitalisations per 100,000 people) and the highest rate was in **Belconnen** (1,743 hospitalisations per 100,000 people).

#### Lowest rate areas

Of the 10 lowest SA3 rates nationally, **four areas** were in the Australian Capital Territory.

<table>
<thead>
<tr>
<th>SA3 area</th>
<th>Rate</th>
<th>Hospitalisations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Woden Valley</td>
<td>622</td>
<td>244</td>
</tr>
<tr>
<td>Tuggeranong</td>
<td>656</td>
<td>586</td>
</tr>
<tr>
<td>Weston Creek</td>
<td>673</td>
<td>187</td>
</tr>
<tr>
<td>South Canberra</td>
<td>724</td>
<td>227</td>
</tr>
</tbody>
</table>

#### Highest rate areas

Of the 10 highest SA3 rates nationally, **none** were in the Australian Capital Territory.

Dotted areas and asterisks (*) indicate rates that are considered more volatile than other published rates and should be interpreted with caution. These rates are excluded from the calculation of the difference between the highest and lowest SA3 rates in Australia.

Sources: AIHW analysis of National Hospital Morbidity Database and ABS Estimated Resident Population 30 June 2016.
Number of hospitalisations for gastroscopy per 100,000 people of all ages, age and sex standardised, by Statistical Area Level 3 (SA3) of patient residence, 2016–17

Nationally, the rate was 7.4 times as high in the area with the highest rate compared to the area with the lowest rate.

Variation in the Australian Capital Territory

In the Australian Capital Territory, the lowest rate for gastroscopy hospitalisations was in Weston Creek (444 hospitalisations per 100,000 people) and the highest rate was in Belconnen (1,019 hospitalisations per 100,000 people).

Sources: AIHW analysis of National Hospital Morbidity Database and ABS Estimated Resident Population 30 June 2016.
Thyroid stimulating hormone tests
18 years and over

Number of MBS-subsidised services for thyroid stimulating hormone tests per 100,000 people aged 18 years and over, age and sex standardised, by Statistical Area Level 3 (SA3) of patient residence, 2016–17

Nationally, the rate was 2.6 times as high in the area with the highest rate compared to the area with the lowest rate.

Variation in the Australian Capital Territory

In the Australian Capital Territory, the lowest rate for thyroid stimulating hormone tests was in North Canberra (22,024 MBS services per 100,000 people) and the highest rate was in Canberra East (41,423* MBS services per 100,000 people).

Lowest rate areas
Of the 10 lowest SA3 rates nationally, none were in the Australian Capital Territory.

Highest rate areas
Of the 10 highest SA3 rates nationally, one area was in the Australian Capital Territory.

Dotted areas and asterisks (*) indicate rates that are considered more volatile than other published rates and should be interpreted with caution. These rates are excluded from the calculation of the difference between the highest and lowest SA3 rates in Australia.


Australian Commission on Safety and Quality in Health Care

The Third Australian Atlas of Healthcare Variation
The Third Australian Atlas of Healthcare Variation

Number of MBS-subsidised services for thyroid function tests per 100,000 people aged 18 years and over, age and sex standardised, by Statistical Area Level 3 (SA3) of patient residence, 2016–17

Nationally, the rate was 2.5 times as high in the area with the highest rate compared to the area with the lowest rate.

**Nationally, the rate was 2.5 times as high in the area with the highest rate compared to the area with the lowest rate.**

Variation in the Australian Capital Territory

In the Australian Capital Territory, the lowest rate for thyroid function tests was in North Canberra (13,211 MBS services per 100,000 people) and the highest rate was in Gungahlin (15,983 MBS services per 100,000 people).

**Lowest rate areas** Of the 10 lowest SA3 rates nationally, none were in the Australian Capital Territory.

**Highest rate areas** Of the 10 highest SA3 rates nationally, one area was in the Australian Capital Territory.

Dotted areas and asterisks (*) indicate rates that are considered more volatile than other published rates and should be interpreted with caution. These rates are excluded from the calculation of the difference between the highest and lowest SA3 rates in Australia.

**Sources:** AIHW analysis of Medicare Benefits Schedule data and ABS Estimated Resident Population 30 June 2016.

**State** | **Rate** | **Lowest SA3 rate** | **Highest SA3 rate** | **Services**
---|---|---|---|---
New South Wales | 13,234 | 7,531 | 16,077 | 824,854
Victoria | 10,105 | 7,487 | 12,214 | 500,080
Queensland | 12,892 | 8,732 | 15,273 | 492,076
Western Australia | 12,324 | 6,425 | 14,919 | 243,925
South Australia | 12,027 | 8,749 | 13,074 | 173,540
Tasmania | 11,978 | 10,317 | 13,917 | 53,280
Australian Capital Territory | 13,866 | 13,211 | 15,983 | 42,246
Northern Territory | 8,868 | 7,470* | 16,038* | 13,879
Australia | 12,116 | 6,425 | 16,077 | 2,344,089

**State** | **Rate** | **Services**
---|---|---
New South Wales | 13,234 | 824,854
Victoria | 10,105 | 500,080
Queensland | 12,892 | 492,076
Western Australia | 12,324 | 243,925
South Australia | 12,027 | 173,540
Tasmania | 11,978 | 53,280
Australian Capital Territory | 13,866 | 42,246
Northern Territory | 8,868 | 13,879
Australia | 12,116 | 2,344,089

**Variation in the Australian Capital Territory**

In the Australian Capital Territory, the lowest rate for thyroid function tests was in North Canberra (13,211 MBS services per 100,000 people) and the highest rate was in Gungahlin (15,983 MBS services per 100,000 people).
Neck ultrasound
18 years and over

Number of MBS-subsidised services for neck ultrasound per 100,000 people aged 18 years and over, age and sex standardised, by Statistical Area Level 3 (SA3) of patient residence, 2016–17

Nationally, the rate was 5.6 times as high in the area with the highest rate compared to the area with the lowest rate.

Variation in the Australian Capital Territory

In the Australian Capital Territory, the lowest rate for neck ultrasound was in North Canberra (1,238 MBS services per 100,000 people) and the highest rate was in Canberra East (3,631* MBS services per 100,000 people).

Lowest rate areas
Of the 10 lowest SA3 rates nationally, none were in the Australian Capital Territory.

Highest rate areas
Of the 10 highest SA3 rates nationally, one area was in the Australian Capital Territory.

Dotted areas and asterisks (*) indicate rates that are considered more volatile than other published rates and should be interpreted with caution. These rates are excluded from the calculation of the difference between the highest and lowest SA3 rates in Australia.

Nationally, the rate was **4.6 times as high** in the area with the highest rate compared to the area with the lowest rate.

**Variation in the Australian Capital Territory**

In the Australian Capital Territory, the lowest rate for thyroidectomy hospitalisations was in **South Canberra and Weston Creek** (33 hospitalisations per 100,000 people) and the highest rate was in **Tuggeranong** (49 hospitalisations per 100,000 people).

<table>
<thead>
<tr>
<th>State</th>
<th>Rate</th>
<th>Lowest SA3 rate</th>
<th>Highest SA3 rate</th>
<th>Hospitalisations</th>
</tr>
</thead>
<tbody>
<tr>
<td>New South Wales</td>
<td>68</td>
<td>29</td>
<td>104</td>
<td>12,485</td>
</tr>
<tr>
<td>Victoria</td>
<td>65</td>
<td>36</td>
<td>130</td>
<td>9,388</td>
</tr>
<tr>
<td>Queensland</td>
<td>55</td>
<td>28</td>
<td>101</td>
<td>6,217</td>
</tr>
<tr>
<td>Western Australia</td>
<td>66</td>
<td>38</td>
<td>91</td>
<td>3,879</td>
</tr>
<tr>
<td>South Australia</td>
<td>46</td>
<td>29</td>
<td>69</td>
<td>1,926</td>
</tr>
<tr>
<td>Tasmania</td>
<td>48</td>
<td>32</td>
<td>62</td>
<td>621</td>
</tr>
<tr>
<td>Australian Capital Territory</td>
<td>42</td>
<td>33</td>
<td>49</td>
<td>380</td>
</tr>
<tr>
<td>Northern Territory</td>
<td>45</td>
<td>31</td>
<td>60</td>
<td>222</td>
</tr>
<tr>
<td>Australia</td>
<td>62</td>
<td>28</td>
<td>130</td>
<td>35,166</td>
</tr>
</tbody>
</table>

**Lowest rate areas** Of the 10 lowest SA3 rates nationally, **three areas** were in the Australian Capital Territory.

<table>
<thead>
<tr>
<th>SA3 area</th>
<th>Rate</th>
<th>Hospitalisations</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Canberra</td>
<td>33</td>
<td>22</td>
</tr>
<tr>
<td>Weston Creek</td>
<td>33</td>
<td>19</td>
</tr>
<tr>
<td>North Canberra</td>
<td>37</td>
<td>41</td>
</tr>
</tbody>
</table>

**Highest rate areas** Of the 10 highest SA3 rates nationally, **none** were in the Australian Capital Territory.

Sources: AIHW analysis of National Hospital Morbidity Database and ABS Estimated Resident Population 30 June 2014 to 2016.

*Australian Commission on Safety and Quality in Health Care*
Cardiac stress tests and imaging
18 years and over

Number of MBS-subsidised services for cardiac stress tests and imaging per 100,000 people aged 18 years and over, age and sex standardised, by Statistical Area Level 3 (SA3) of patient residence, 2016–17

Nationally, the rate was **9.8 times as high** in the area with the highest rate compared to the area with the lowest rate.

Variation in the Australian Capital Territory

In the Australian Capital Territory, the lowest rate for cardiac stress tests and imaging was in **Woden Valley** (2,259 MBS services per 100,000 people) and the highest rate was in **South Canberra** (2,782 MBS services per 100,000 people).

Lowest rate areas
Of the 10 lowest SA3 rates nationally, **none** were in the Australian Capital Territory.

Highest rate areas
Of the 10 highest SA3 rates nationally, **none** were in the Australian Capital Territory.
The Third Australian Atlas of Healthcare Variation

Stress echocardiography
18 years and over

Number of MBS-subsidised services for stress echocardiography per 100,000 people aged 18 years and over, age and sex standardised, by Statistical Area Level 3 (SA3) of patient residence, 2016–17

Nationally, the rate was **47.1 times as high** in the area with the highest rate compared to the area with the lowest rate.

**Variation in the Australian Capital Territory**

In the Australian Capital Territory, the lowest rate for stress echocardiography was in **Tuggeranong** (600 MBS services per 100,000 people) and the highest rate was in **South Canberra** (913 MBS services per 100,000 people).

**Lowest rate areas** Of the 10 lowest SA3 rates nationally, **none** were in the Australian Capital Territory.

**Highest rate areas** Of the 10 highest SA3 rates nationally, **none** were in the Australian Capital Territory.
Myocardial perfusion scans
18 years and over

Number of MBS-subsidised services for myocardial perfusion scans per 100,000 people aged 18 years and over, age and sex standardised, by Statistical Area Level 3 (SA3) of patient residence, 2016–17

Nationally, the rate was **57.0 times as high** in the area with the highest rate compared to the area with the lowest rate.

Variation in the Australian Capital Territory

In the Australian Capital Territory, the lowest rate for myocardial perfusion scans was in **North Canberra** (186 MBS services per 100,000 people) and the highest rate was in **Tuggeranong** (313 MBS services per 100,000 people).

**Lowest rate areas** Of the 10 lowest SA3 rates nationally, **none** were in the Australian Capital Territory.

**Highest rate areas** Of the 10 highest SA3 rates nationally, **none** were in the Australian Capital Territory.

Standard echocardiography
18 years and over

Number of MBS-subsidised services for standard echocardiography per 100,000 people aged 18 years and over, age and sex standardised, by Statistical Area Level 3 (SA3) of patient residence, 2016–17

Nationally, the rate was **3.5 times as high** in the area with the highest rate compared to the area with the lowest rate.

Variation in the Australian Capital Territory

In the Australian Capital Territory, the lowest rate for standard echocardiography was in **Belconnen** (2,765 MBS services per 100,000 people) and the highest rate was in **Woden Valley** (3,111 MBS services per 100,000 people).

Lowest rate areas
Of the 10 lowest SA3 rates nationally, **none** were in the Australian Capital Territory.

Highest rate areas
Of the 10 highest SA3 rates nationally, **none** were in the Australian Capital Territory.

Dotted areas and asterisks (*) indicate rates that are considered more volatile than other published rates and should be interpreted with caution. These rates are excluded from the calculation of the difference between the highest and lowest SA3 rates in Australia.