

# State Summary

# Northern Territory

## Paediatric health

**Antibiotics dispensing in children**  
9 years and under

Lowest  
SA3 rate  
per 100,000

9,707

Highest  
SA3 rate  
per 100,000

119,885

Rate  
per 100,000

69,015

National rate  
per 100,000

96,721

**Proton pump inhibitor medicines dispensing**  
1 year and under

N/A

N/A

2,195

3,628

## Gastrointestinal investigations and treatments

**Proton pump inhibitor medicines dispensing**  
18 years and over

Lowest  
SA3 rate  
per 100,000

21,765\*

Highest  
SA3 rate  
per 100,000

82,423

Rate  
per 100,000

63,230

National rate  
per 100,000

105,294

**Colonoscopy hospitalisations**  
all ages

952\*

2,146

1,860

2,881

**Gastroscopy hospitalisations**  
all ages

990\*

1,659

1,355

1,931

## Thyroid investigations and treatments

**Thyroid stimulating hormone tests**  
18 years and over

Lowest  
SA3 rate  
per 100,000

18,119\*

Highest  
SA3 rate  
per 100,000

29,270

Rate  
per 100,000

23,145

National rate  
per 100,000

28,742

**Thyroid function tests**  
18 years and over

7,470\*

16,038\*

8,868

12,116

**Neck ultrasound**  
18 years and over

513

1,340

983

1,606

**Thyroidectomy hospitalisations**  
18 years and over

31

60

45

62

## Cardiac tests

**Cardiac stress tests and imaging†**  
18 years and over

Lowest  
SA3 rate  
per 100,000

1,269

Highest  
SA3 rate  
per 100,000

3,451

Rate  
per 100,000

2,450

National rate  
per 100,000

4,575

**Stress echocardiography**  
18 years and over

457

912

698

1,491

**Myocardial perfusion scans**  
18 years and over

n.p.

n.p.

193

384

**Standard echocardiography**  
18 years and over

3,307\*

5,048

4,499

4,599

† 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.

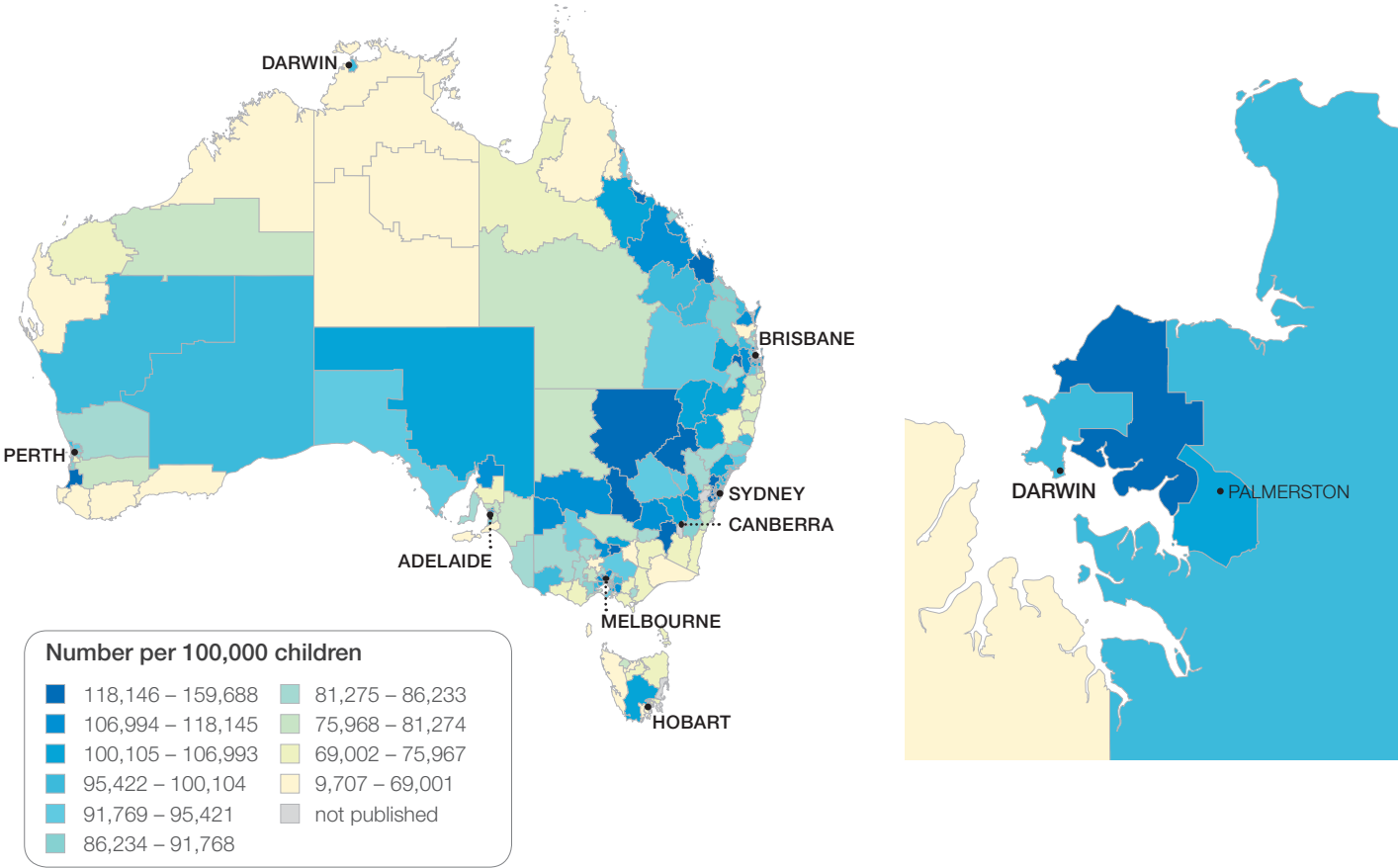
# Antibiotics dispensing in children

## 9 years and under

# Northern Territory

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.



State	Rate	Lowest SA3 rate	Highest SA3 rate	Prescriptions	Patients
New South Wales	101,950	66,391	159,688	1,023,567	469,118
Victoria	93,018	57,562	136,694	738,699	349,345
Queensland	102,339	48,065	142,207	664,062	303,366
Western Australia	87,662	35,930	121,012	302,588	146,159
South Australia	94,312	58,958	115,504	196,083	91,140
Tasmania	71,472	48,730	101,857	44,699	22,570
Australian Capital Territory	96,447	82,273	109,733	52,890	24,364
Northern Territory	69,015	9,707	119,885	26,240	12,152
Australia	96,721	9,707	159,688	3,053,315	1,420,363

### Variation in the Northern Territory

In the Northern Territory, the lowest rate for antibiotics dispensing in children was in **Daly - Tiwi - West Arnhem** (9,707 PBS prescriptions per 100,000 people) and the highest rate was in **Darwin Suburbs** (119,885 PBS prescriptions per 100,000 people).

**Lowest rate areas** Of the 10 lowest SA3 rates nationally, **five areas** were in the Northern Territory.

SA3 area	Rate	Prescriptions
Daly - Tiwi - West Arnhem	9,707	316
East Arnhem	13,446	375
Barkly	23,535	271
Katherine	24,302	915
Alice Springs	29,028	1,741

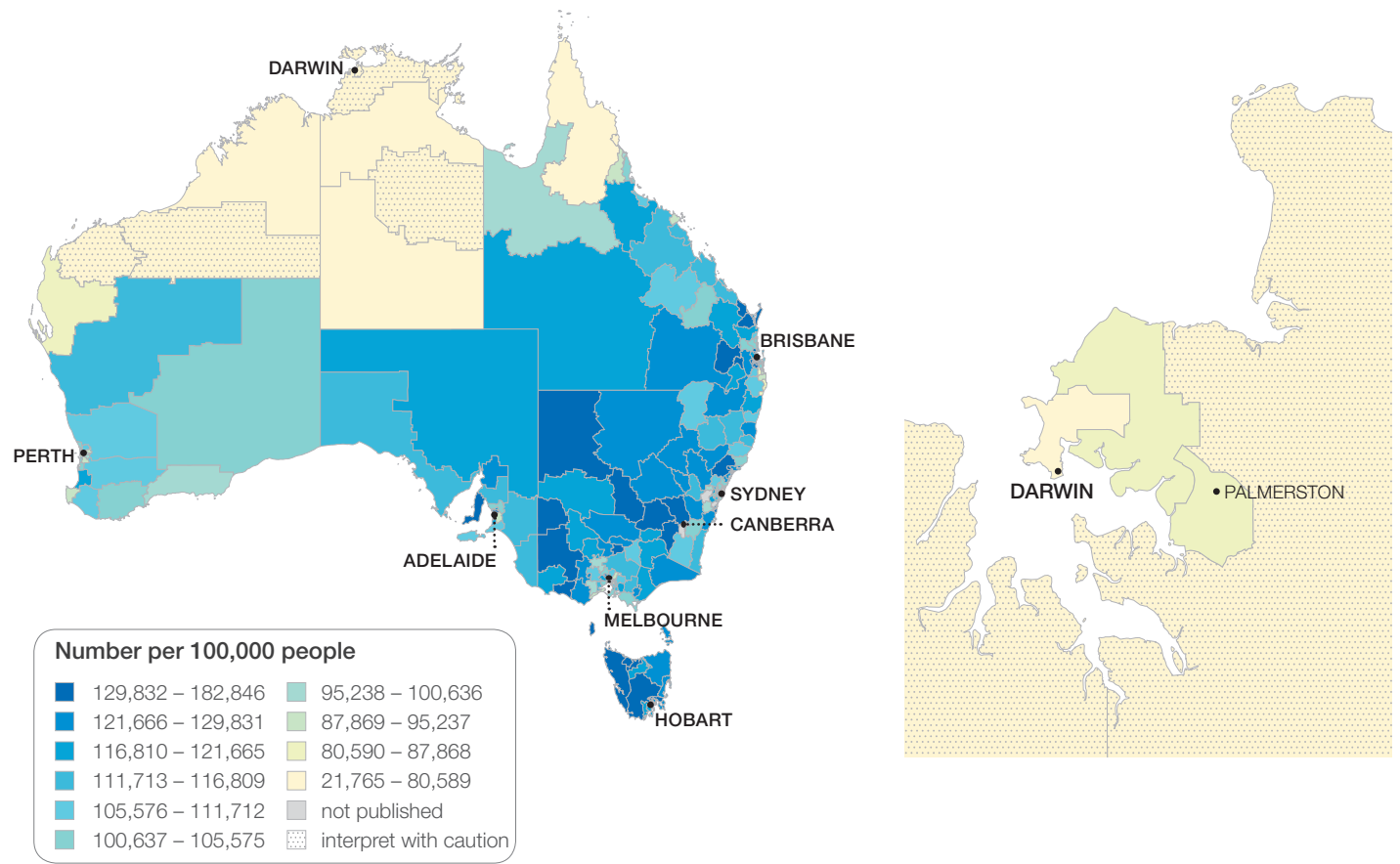
**Highest rate areas** Of the 10 highest SA3 rates nationally, **none** were in the Northern Territory.

# Proton pump inhibitor medicines dispensing 18 years and over

# Northern Territory

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.



State	Rate	Lowest SA3 rate	Highest SA3 rate	Prescriptions	Patients
New South Wales	105,543	66,462	145,767	7,159,289	994,065
Victoria	104,408	71,488	136,475	5,482,136	779,812
Queensland	108,660	67,992	147,767	4,384,675	609,569
Western Australia	95,806	43,023	119,093	1,948,629	290,178
South Australia	109,527	80,589	138,226	1,770,298	237,069
Tasmania	127,993	96,691	172,780	646,894	82,852
Australian Capital Territory	97,312	80,420	182,846*	288,088	41,108
Northern Territory	63,230	21,765*	82,423	83,684	14,550
Australia	105,294	34,489	172,780	21,768,718	3,050,104

## Variation in the Northern Territory

In the Northern Territory, the lowest rate for proton pump inhibitor medicines dispensing was in **East Arnhem** (21,765\* PBS prescriptions per 100,000 people) and the highest rate was in **Darwin Suburbs** (82,423 PBS prescriptions per 100,000 people).

**Lowest rate areas** Of the 10 lowest SA3 rates nationally, **five areas** were in the Northern Territory.

SA3 area	Rate	Prescriptions
East Arnhem	21,765*	1,389
Daly - Tiwi - West Arnhem	28,709*	2,540
Katherine	34,489	3,833
Barkly	48,081*	1,357
Alice Springs	52,876	11,836

**Highest rate areas** Of the 10 highest SA3 rates nationally, **none** were in the Northern 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 Pharmaceutical Benefits Scheme data and ABS Estimated Resident Population 30 June 2016.

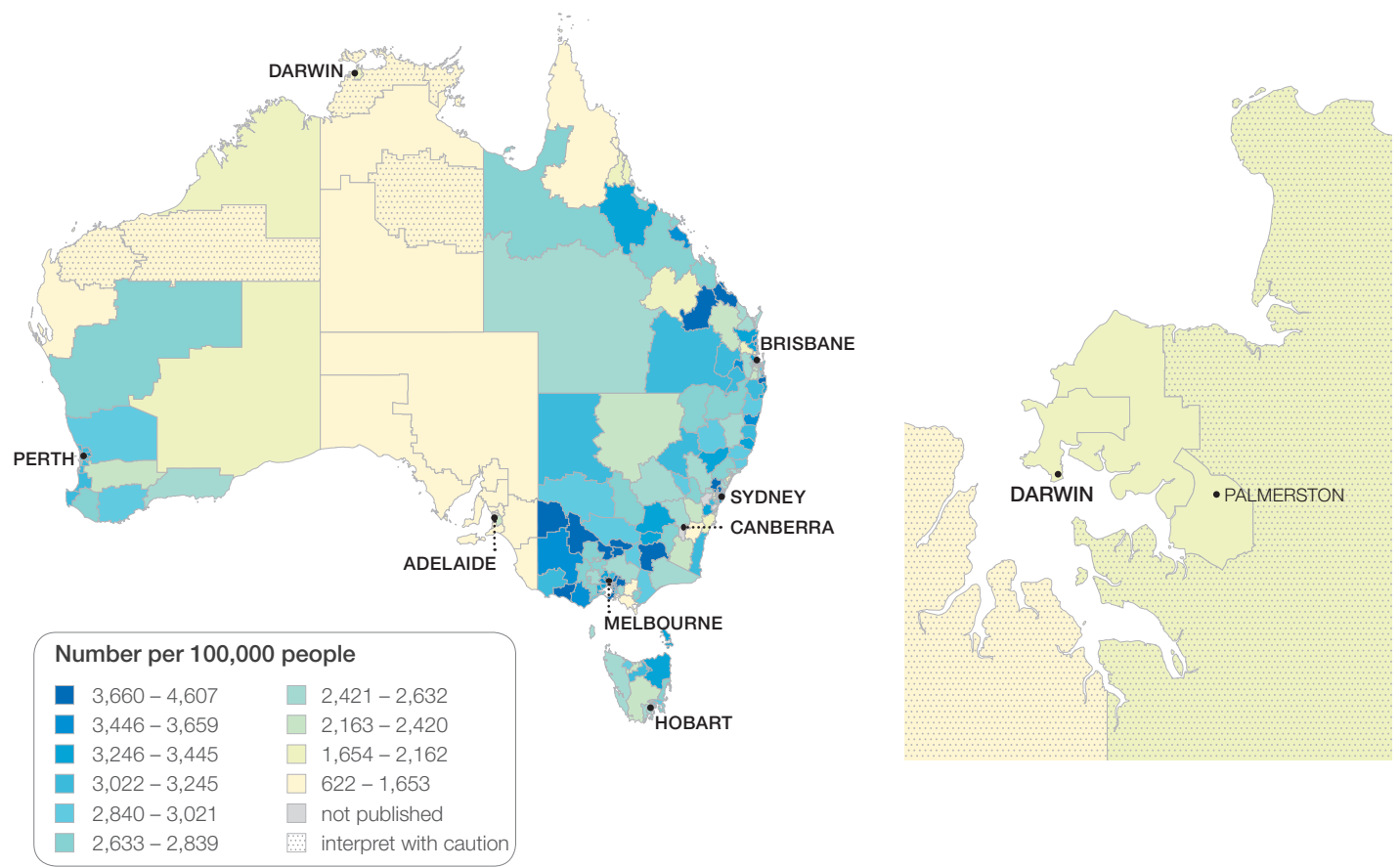
# Colonoscopy hospitalisations

## all ages

# Northern Territory

Number of hospitalisations for colonoscopy 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.



State	Rate	Lowest SA3 rate	Highest SA3 rate	Hospitalisations
New South Wales	2,814	1,389	4,607	242,070
Victoria	3,371	878	4,579	225,764
Queensland	2,851	1,172	3,797	150,784
Western Australia	3,051	1,420*	3,969	82,217
South Australia	1,814	1,117	2,674	37,203
Tasmania	2,885	2,198	3,488	18,529
Australian Capital Territory	1,144	622	1,743	4,557
Northern Territory	1,860	952*	2,146	3,833
<b>Australia</b>	<b>2,881</b>	<b>622</b>	<b>4,607</b>	<b>765,411</b>

### Variation in the Northern Territory

In the Northern Territory, the lowest rate for colonoscopy hospitalisations was in **Barkly** (952\* hospitalisations per 100,000 people) and the highest rate was in **Palmerston** (2,146 hospitalisations per 100,000 people).

Lowest rate areas

Of the 10 lowest SA3 rates nationally, one area was in the Northern Territory.

SA3 area	Rate	Hospitalisations
Barkly	952*	48

Highest rate areas

Of the 10 highest SA3 rates nationally, none were in the Northern Territory.

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

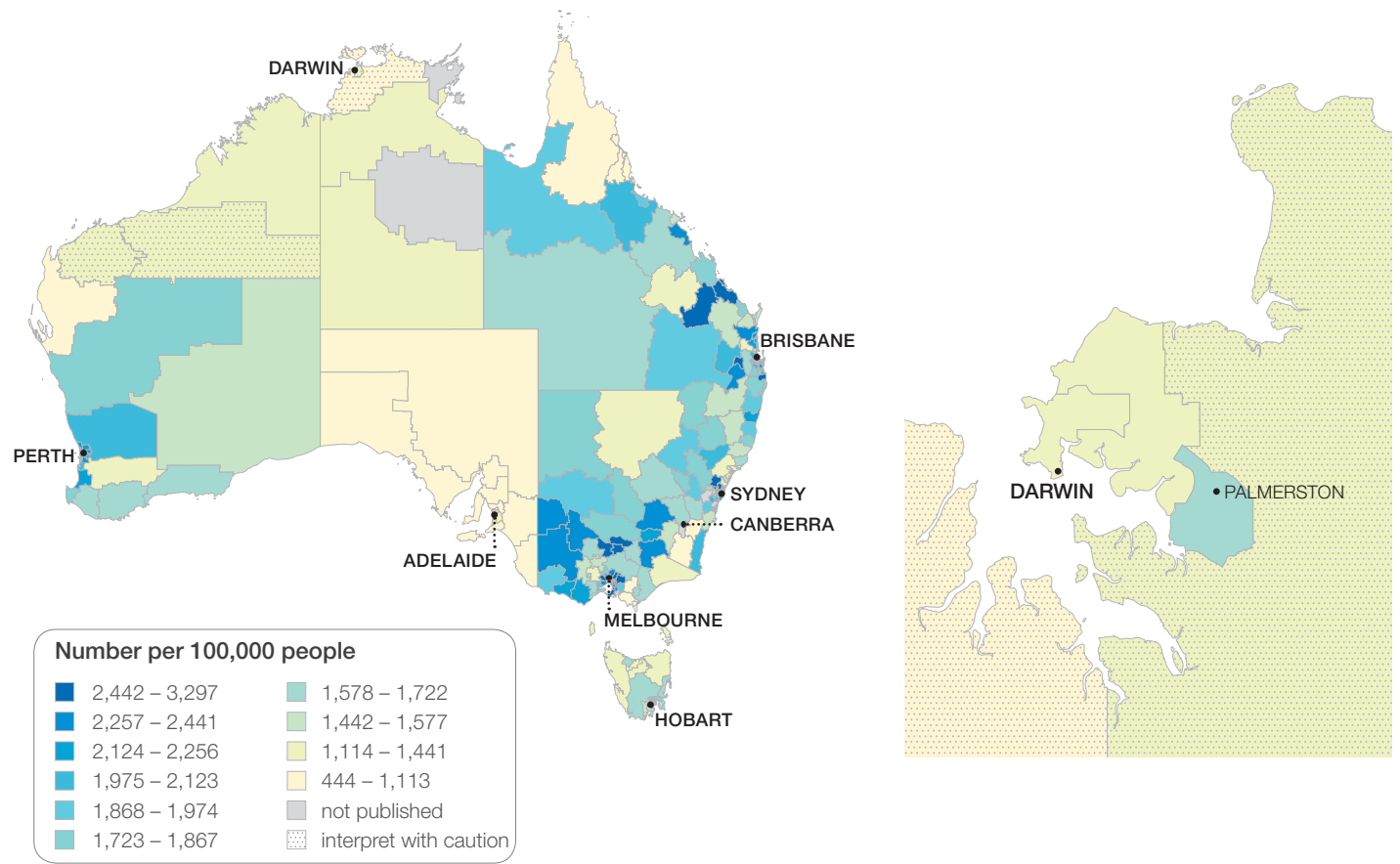
# Gastroscopy hospitalisations

all ages

# Northern Territory

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.



State	Rate	Lowest SA3 rate	Highest SA3 rate	Hospitalisations
New South Wales	1,903	737	3,297	161,454
Victoria	2,259	625	3,142	149,455
Queensland	1,927	632	2,750	100,437
Western Australia	2,031	946	2,452	54,039
South Australia	1,211	602	1,675	24,009
Tasmania	1,618	1,233	1,921	10,077
Australian Capital Territory	701	444	1,019	2,784
Northern Territory	1,355	990*	1,659	2,822
Australia	1,931	444	3,297	505,544

## Variation in the Northern Territory

In the Northern Territory, the lowest rate for gastroscopy hospitalisations was in **Daly - Tiwi - West Arnhem** (990\* hospitalisations per 100,000 people) and the highest rate was in **Palmerston** (1,659 hospitalisations per 100,000 people).

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

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

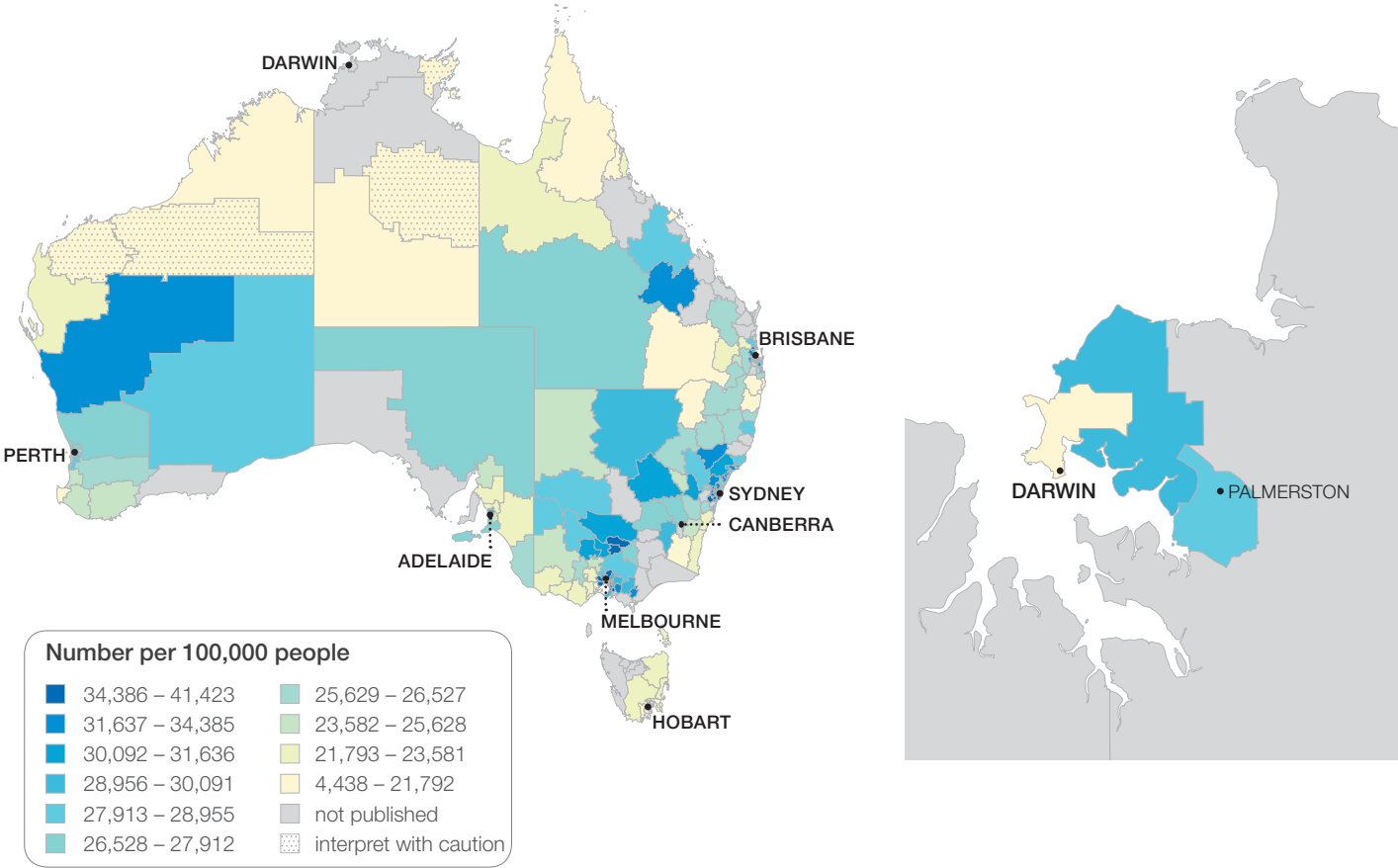
# Thyroid stimulating hormone tests

## 18 years and over

# Northern Territory

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.



State	Rate	Lowest SA3 rate	Highest SA3 rate	Services
New South Wales	30,640	17,456	40,814	1,906,486
Victoria	29,899	21,613	40,033	1,471,039
Queensland	27,712	15,735	34,270	1,055,392
Western Australia	25,988	20,515*	32,010	514,853
South Australia	27,176	22,765	31,987	386,639
Tasmania	20,106	18,037	22,417	87,638
Australian Capital Territory	25,920	22,024	41,423*	79,354
Northern Territory	23,145	18,119*	29,270	37,837
Australia	28,742	15,735	40,814	5,539,805

### Variation in the Northern Territory

In the Northern Territory, the lowest rate for thyroid stimulating hormone tests was in **Barkly** (18,119\* MBS services per 100,000 people) and the highest rate was in **Darwin Suburbs** (29,270 MBS services per 100,000 people).

**Lowest rate areas** Of the 10 lowest SA3 rates nationally, **two areas** were in the Northern Territory.

SA3 area	Rate	Services
Barkly	18,119*	666
Alice Springs	18,685	5,264

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

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



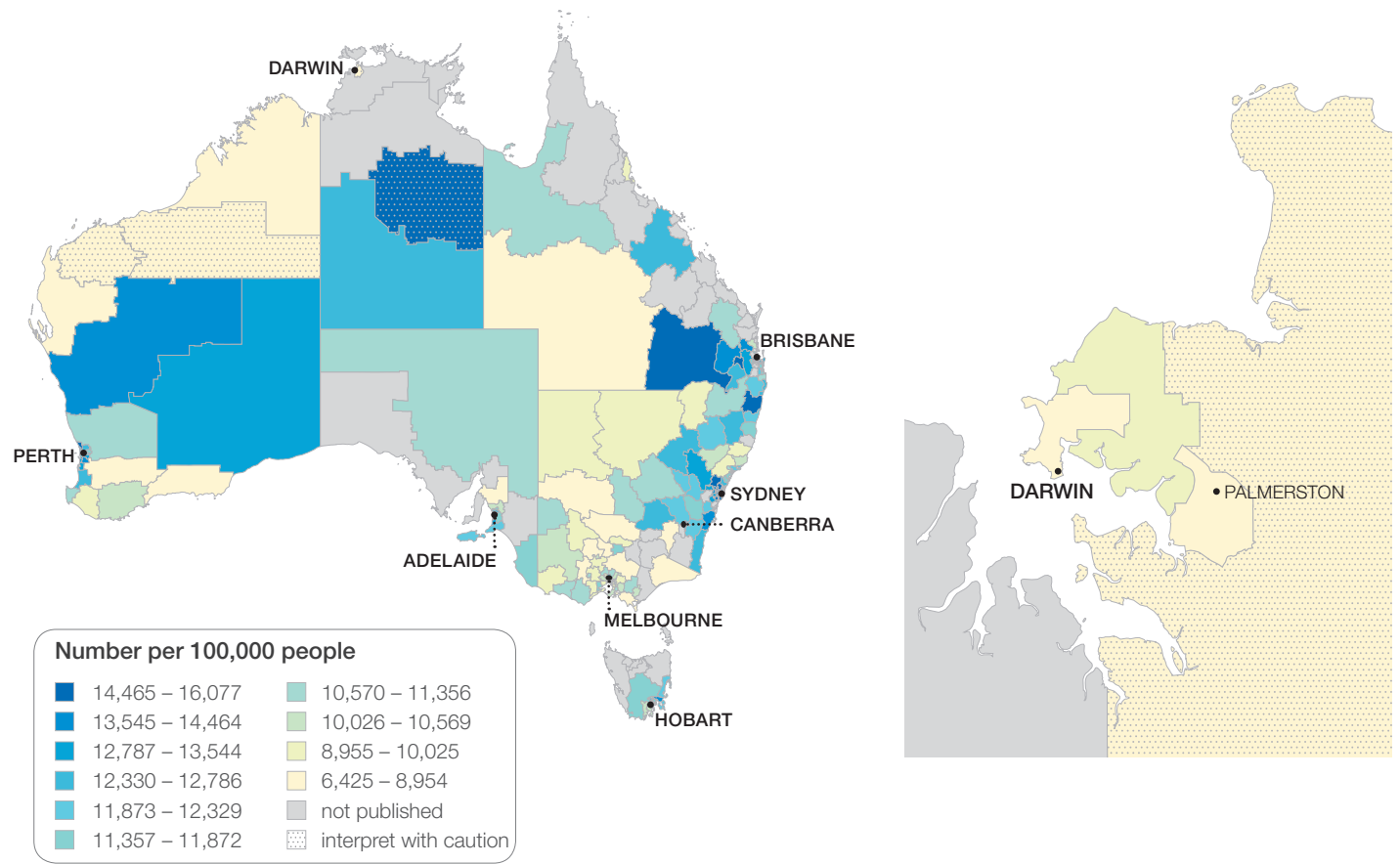
# Thyroid function tests

## 18 years and over

# Northern Territory

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.



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
<b>Australia</b>	<b>12,116</b>	<b>6,425</b>	<b>16,077</b>	<b>2,344,089</b>

### Variation in the Northern Territory

In the Northern Territory, the lowest rate for thyroid function tests was in **Litchfield** (7,470\* MBS services per 100,000 people) and the highest rate was in **Barkly** (16,038\* MBS services per 100,000 people).

**Lowest rate areas**
Of the 10 lowest SA3 rates nationally, **two areas** were in the Northern Territory.

SA3 area	Rate	Services
Litchfield	7,470*	1,097
Darwin City	7,664	1,473

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

SA3 area	Rate	Services
Barkly	16,038*	509

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

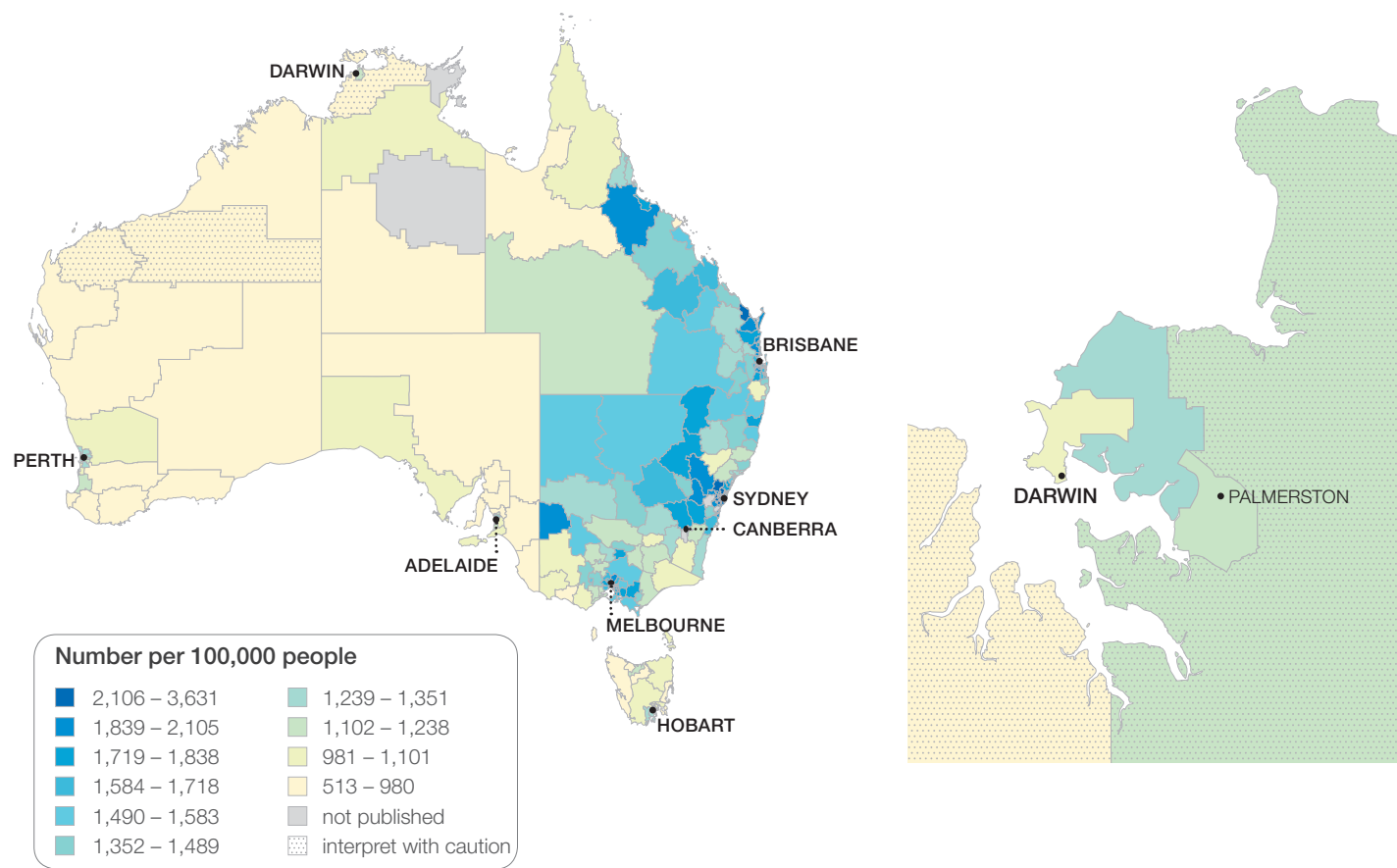
# Neck ultrasound

## 18 years and over

# Northern Territory

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.



State	Rate	Lowest SA3 rate	Highest SA3 rate	Services
New South Wales	1,946	995	2,893	120,072
Victoria	1,570	980	2,288	76,831
Queensland	1,650	896	2,205	63,006
Western Australia	1,125	618	1,339	22,211
South Australia	1,103	682	1,390	15,501
Tasmania	1,037	798	1,281	4,547
Australian Capital Territory	1,449	1,238	3,631*	4,444
Northern Territory	983	513	1,340	1,615
<b>Australia</b>	<b>1,606</b>	<b>513</b>	<b>2,893</b>	<b>308,247</b>

### Variation in the Northern Territory

In the Northern Territory, the lowest rate for neck ultrasound was in **Alice Springs** (513 MBS services per 100,000 people) and the highest rate was in **Darwin Suburbs** (1,340 MBS services per 100,000 people).

**Lowest rate areas**
Of the 10 lowest SA3 rates nationally, **two areas** were in the Northern Territory.

SA3 area	Rate	Services
Alice Springs	513	143
Daly - Tiwi - West Arnhem	543*	61

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



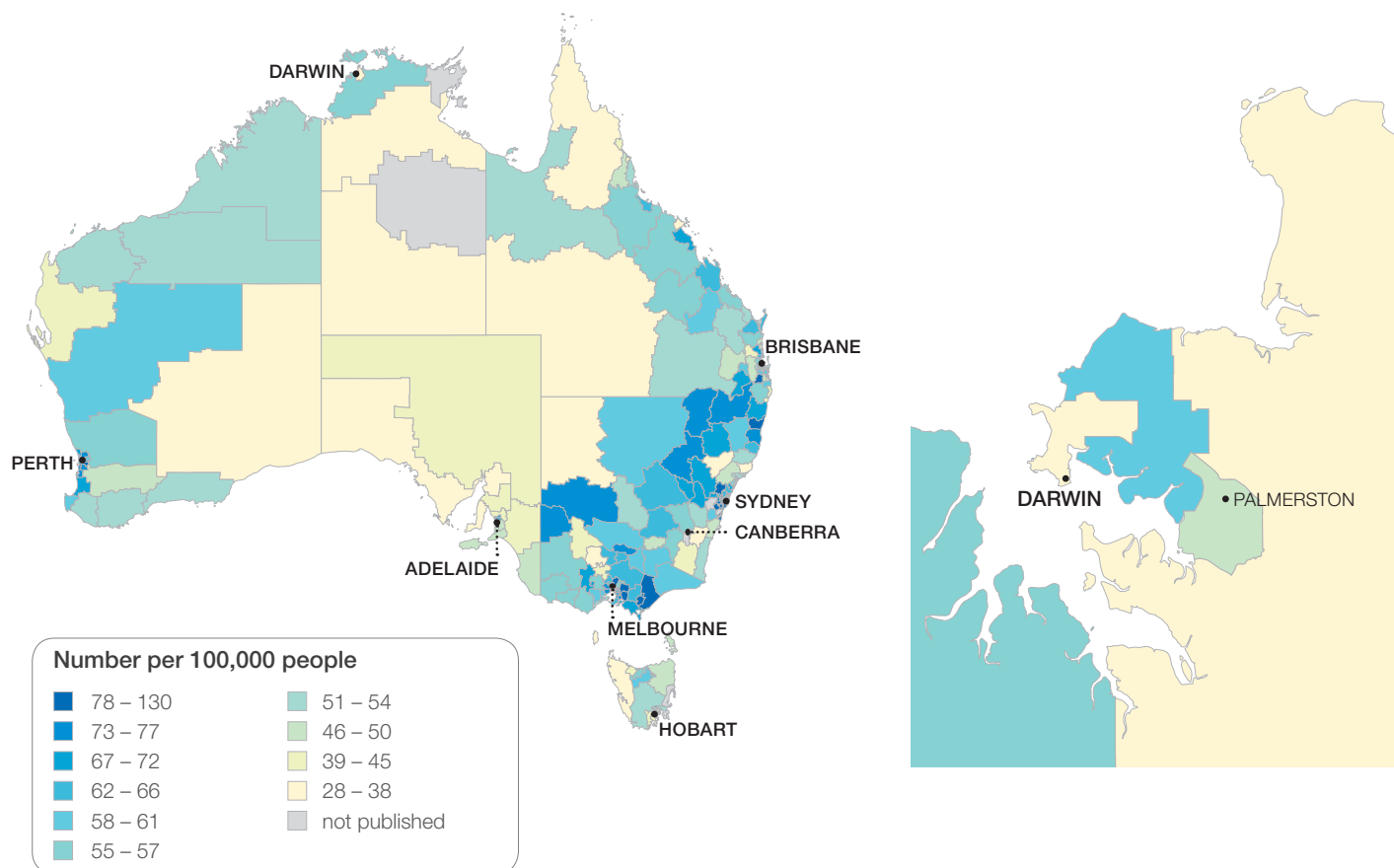
# Thyroidectomy hospitalisations

## 18 years and over

# Northern Territory

Number of hospitalisations for thyroidectomy per 100,000 people aged 18 years and over, age and sex standardised, by Statistical Area Level 3 (SA3) of patient residence, 2014–15 to 2016–17

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



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

## Variation in the Northern Territory

In the Northern Territory, the lowest rate for thyroidectomy hospitalisations was in **Darwin City** (31 hospitalisations per 100,000 people) and the highest rate was in **Darwin Suburbs** (60 hospitalisations per 100,000 people).

**Lowest rate areas** Of the 10 lowest SA3 rates nationally, **four areas** were in the Northern Territory.

SA3 area	Rate	Hospitalisations
Darwin City	31	19
Katherine	33	12
Alice Springs	35	32
Litchfield	36	22

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

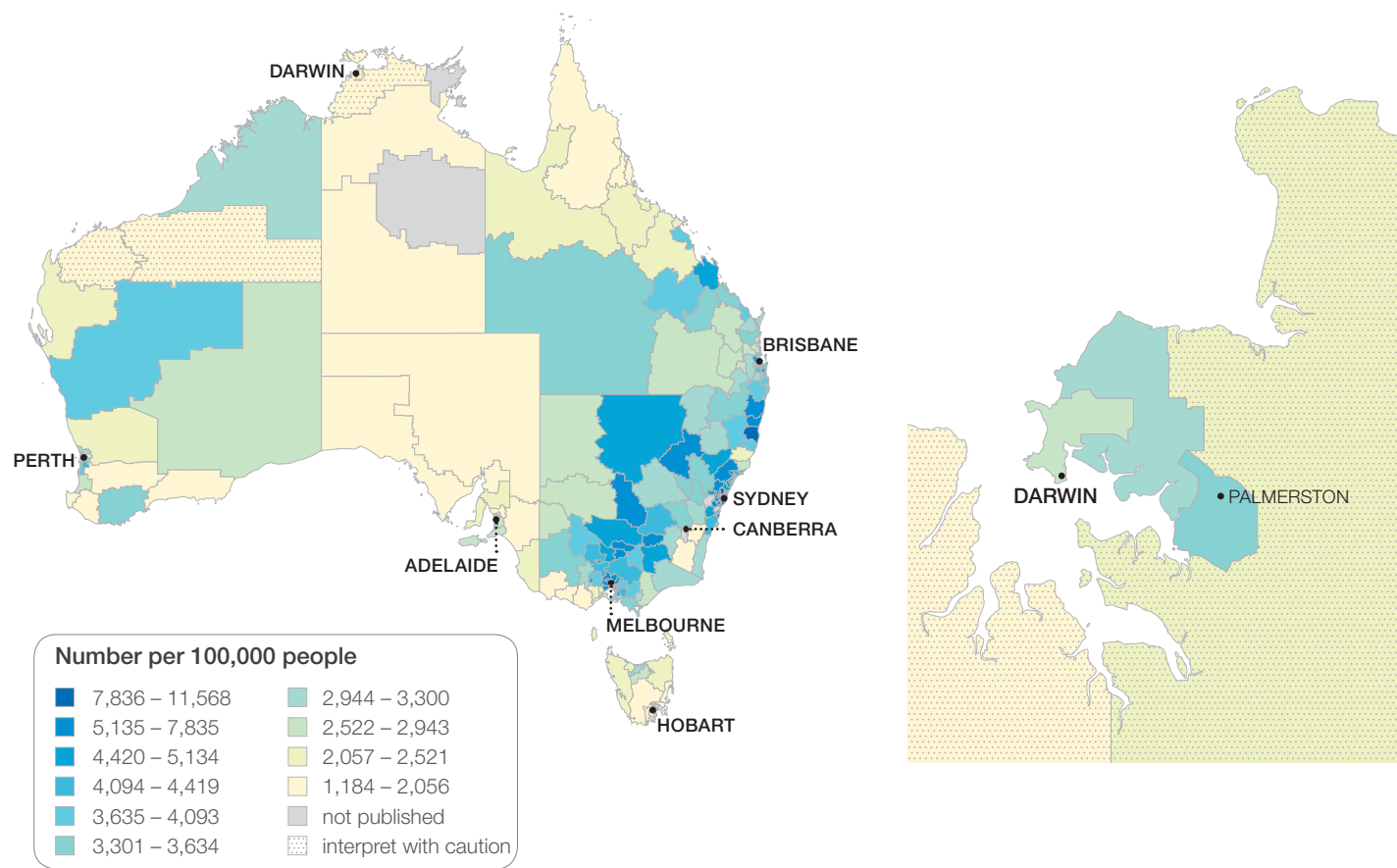
# Cardiac stress tests and imaging

## 18 years and over

# Northern Territory

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.



State	Rate	Lowest SA3 rate	Highest SA3 rate	Services
New South Wales	6,673	1,547	11,568	444,753
Victoria	4,268	1,923	7,376	216,856
Queensland	3,597	1,583	5,430	145,791
Western Australia	3,012	1,318*	4,170	62,080
South Australia	2,661	1,184	3,363	41,745
Tasmania	2,289	1,511	2,994	11,552
Australian Capital Territory	2,370	2,259	2,782	7,125
Northern Territory	2,450	1,269	3,451	3,739
Australia	4,575	1,184	11,568	933,727

### Variation in the Northern Territory

In the Northern Territory, the lowest rate for cardiac stress tests and imaging was in **Alice Springs** (1,269 MBS services per 100,000 people) and the highest rate was in **Palmerston** (3,451 MBS services per 100,000 people).

**Lowest rate areas** Of the 10 lowest SA3 rates nationally, **two areas** were in the Northern Territory.

SA3 area	Rate	Services
Alice Springs	1,269	334
Katherine	1,558	207

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

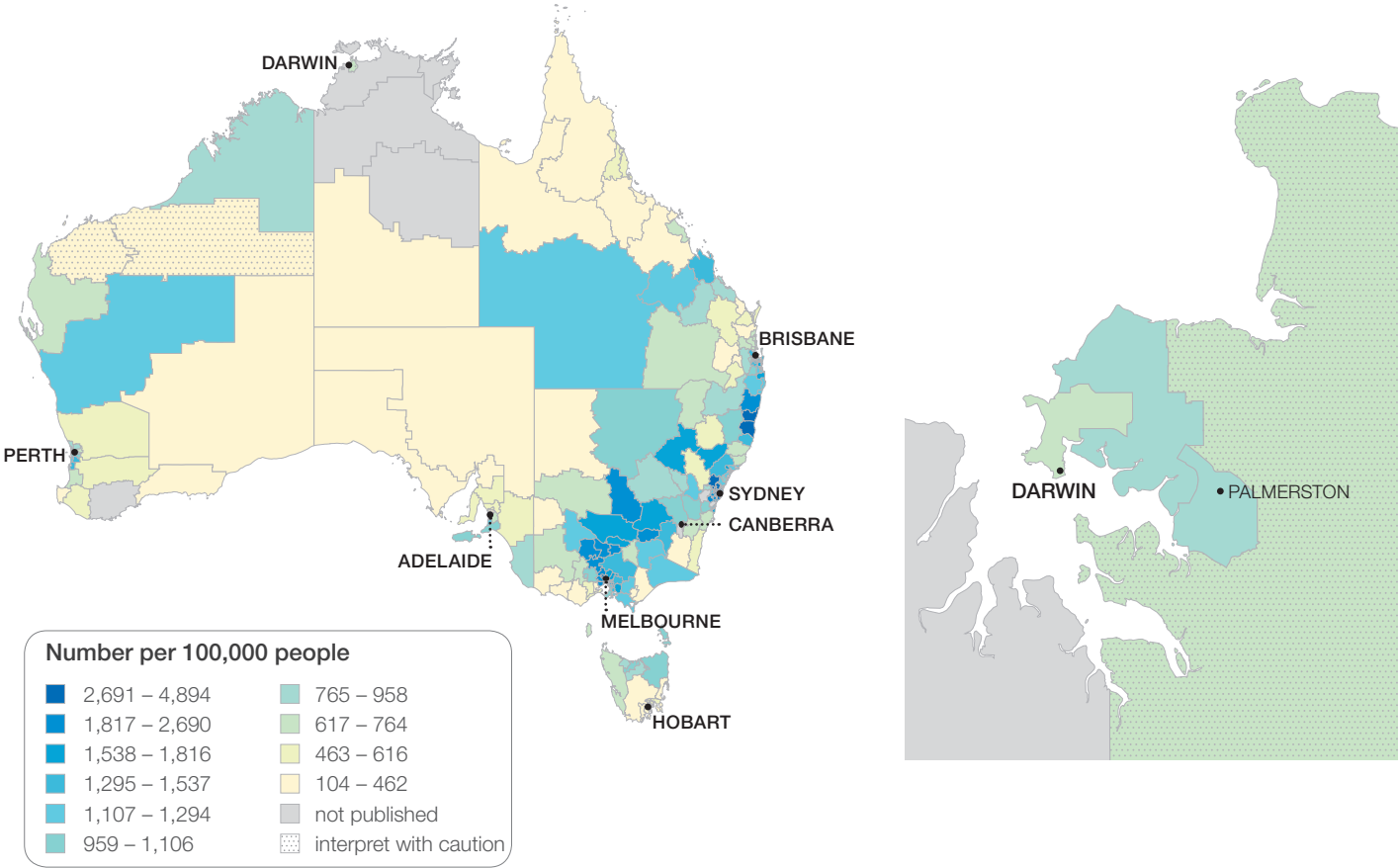
# Stress echocardiography

## 18 years and over

# Northern Territory

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.



State	Rate	Lowest SA3 rate	Highest SA3 rate	Services
New South Wales	2,265	399	4,894	150,723
Victoria	1,465	265	2,835	73,863
Queensland	1,014	252	1,871	41,160
Western Australia	920	129	1,440	18,942
South Australia	747	104	1,254	11,782
Tasmania	749	370	1,085	3,774
Australian Capital Territory	731	600	913	2,214
Northern Territory	698	457	912	1,042
Australia	1,491	104	4,894	303,525

### Variation in the Northern Territory

In the Northern Territory, the lowest rate for stress echocardiography was in **Alice Springs** (457 MBS services per 100,000 people) and the highest rate was in **Darwin Suburbs** (912 MBS services per 100,000 people).

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

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

Dotted areas 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.

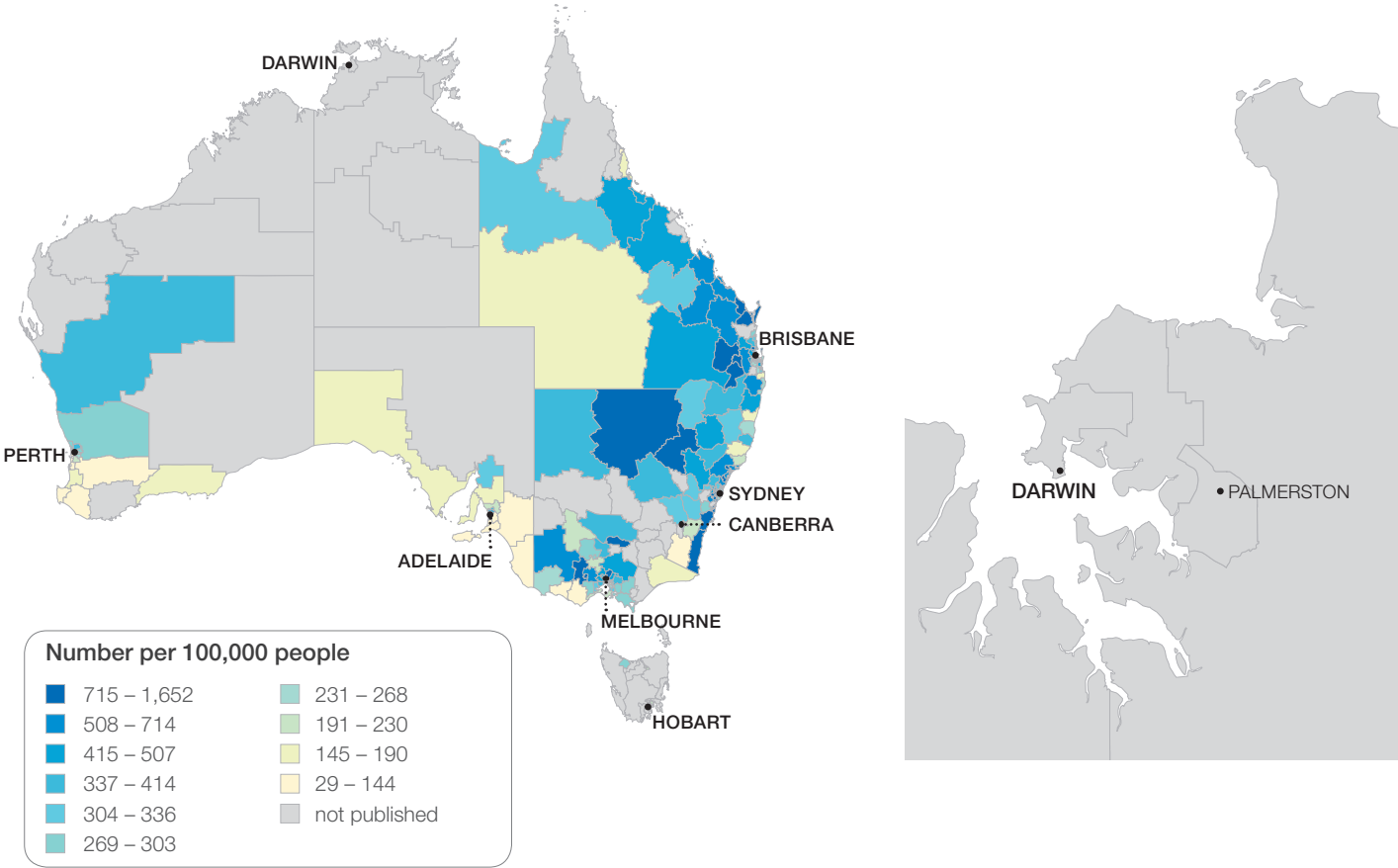
# Myocardial perfusion scans

## 18 years and over

# Northern Territory

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.



State	Rate	Lowest SA3 rate	Highest SA3 rate	Services
New South Wales	485	144	1,652	33,155
Victoria	385	121	1,041	20,196
Queensland	418	71	1,033	17,112
Western Australia	206	86	372	4,227
South Australia	182	29	486	2,953
Tasmania	248	199	302	1,292
Australian Capital Territory	241	186	313	700
Northern Territory	193	n.p.	n.p.	262
Australia	384	29	1,652	79,905

### Variation in the Northern Territory

Rates for the Northern Territory SA3s are not published for reliability and/or confidentiality reasons.

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

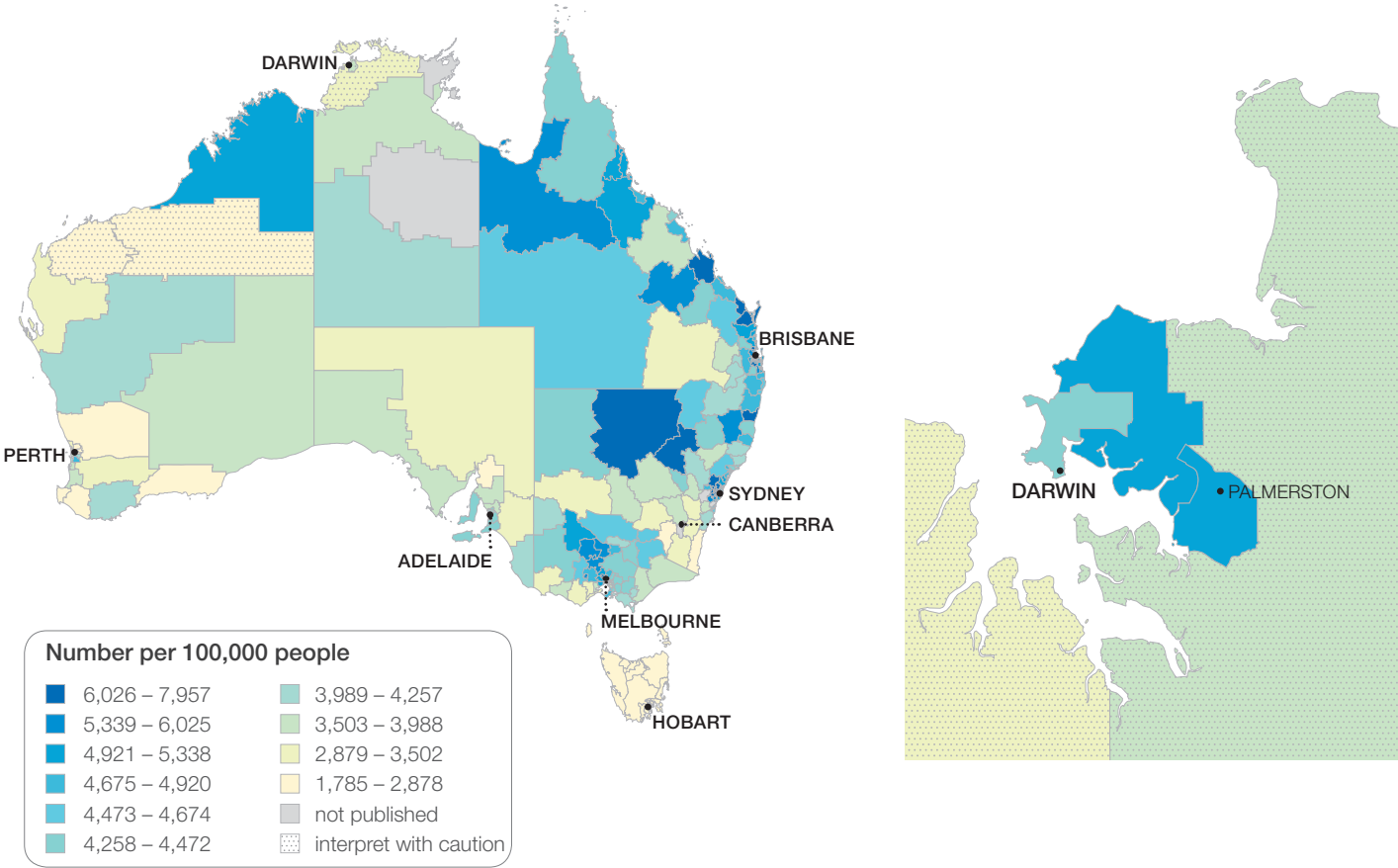
**Highest rate areas** Of the 10 highest SA3 rates nationally, **none** were in the Northern Territory.

Standard echocardiography  
18 years and over

Northern Territory

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.



State	Rate	Lowest SA3 rate	Highest SA3 rate	Services
New South Wales	5,309	2,628	7,957	359,202
Victoria	4,316	3,010	6,320	224,211
Queensland	5,016	3,365	7,051	200,703
Western Australia	3,167	1,785*	5,149	64,222
South Australia	4,250	2,783	4,843	68,247
Tasmania	2,624	2,329	2,890	13,211
Australian Capital Territory	2,902	2,765	3,111	8,590
Northern Territory	4,499	3,307*	5,048	6,582
Australia	4,599	2,279	7,957	945,056

Variation in the Northern Territory

In the Northern Territory, the lowest rate for standard echocardiography was in **Daly - Tiwi - West Arnhem** (3,307\* MBS services per 100,000 people) and the highest rate was in **Darwin Suburbs** (5,048 MBS services per 100,000 people).

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

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

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