

# AROC Impairment Specific Report

## Orthopaedic Fractures

INPATIENT – PATHWAY 3

1 January 2025 – 31 December 2025

Anywhere Hospital



Australasian  
Faculty of  
Rehabilitation  
Medicine



UNIVERSITY  
OF WOLLONGONG  
AUSTRALIA

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# What's changed in this report?

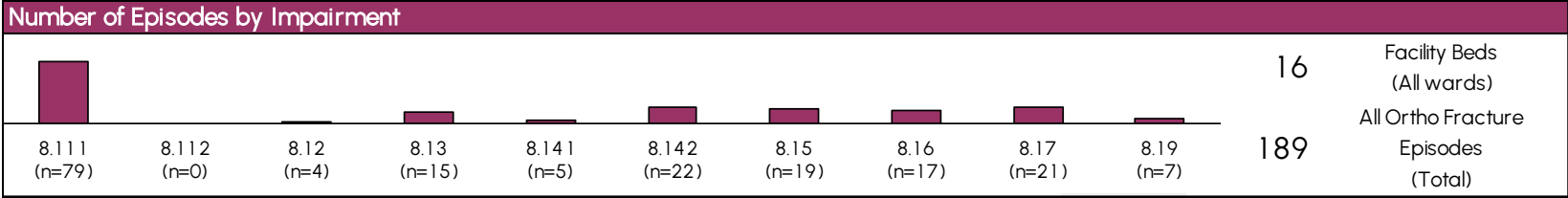
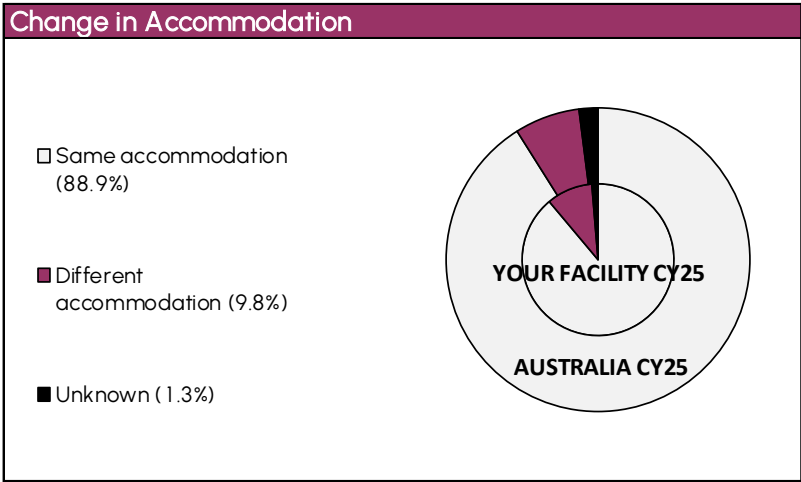
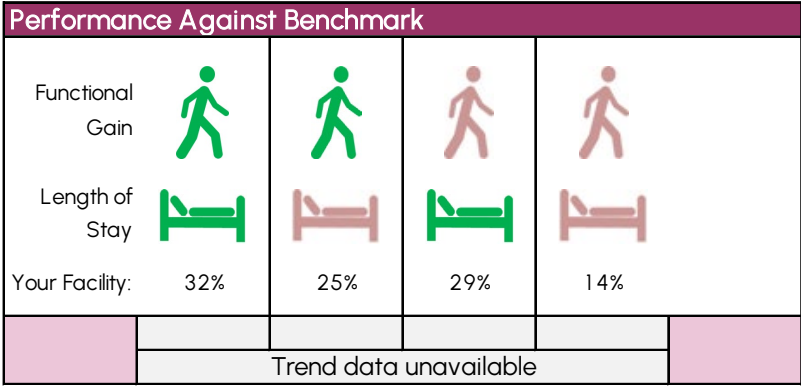
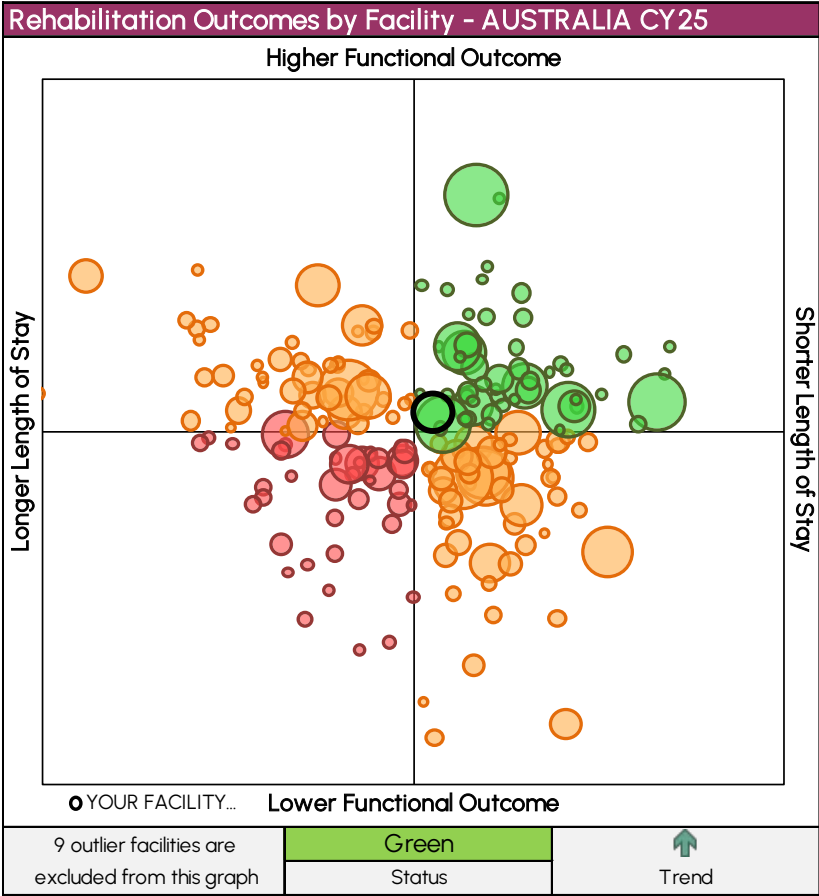
As part of AROC's routine quality assurance processes, we recently undertook a review of how **FIM Efficiency** is calculated and presented across our reporting outputs. Our review identified some inconsistencies in terminology (e.g. FIM gain vs FIM efficiency), the use of daily versus weekly rates, and the method used to summarise FIM efficiency across groups.

To address this, AROC has **standardised the calculation approach** for FIM Efficiency across all reporting products to ensure that FIM efficiency is reported as a **weekly rate calculated as the mean of individual episode FIM efficiencies within a group** (e.g. AN-SNAP class, service or national level).

As a result of this standardisation, some FIM efficiency benchmark values and casemix-adjusted FIM efficiency results may differ slightly from those reported previously. The underlying episode data and FIM scores are unchanged. Where tables or figures have been affected by this update, this has been indicated in the relevant footnotes.

Further information about the calculation of FIM efficiency is provided in Appendix 5.



# Orthopaedic Fractures Dashboard



# Orthopaedic Fractures Dashboard

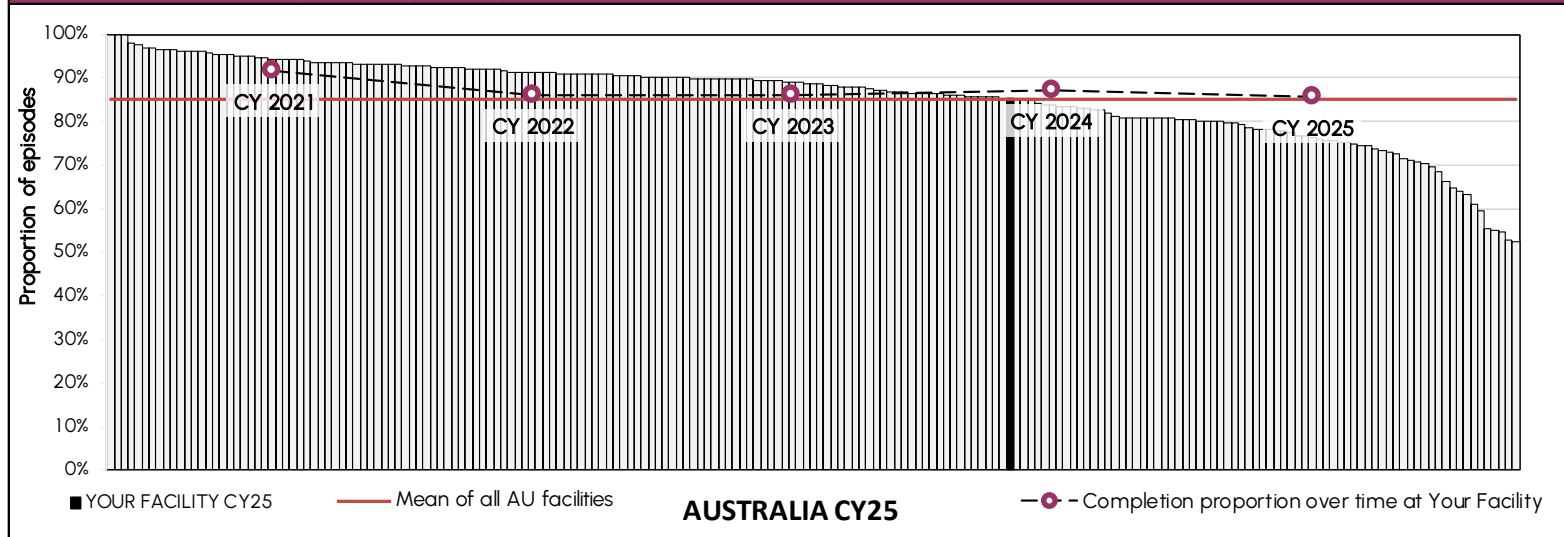
Key Indicators*	
YOUR FACILITY CY25	AUSTRALIA CY25
Age: 76.3	Age: 78.9
Mortality Rate: 0.0%	Mortality Rate: 0.1%
% with at least one comorbidity: 54%	% with at least one comorbidity: 53%
% with at least one complication: 26%	% with at least one complication: 24%
% episodes with start delays: 14%	% episodes with start delays: 12%
Days between onset and rehab episode: 13.2	Days between onset and rehab episode: 13.5
Days between clinically rehab ready & start date: 0.4	Days between clinically rehab ready & start date: 0.5

\* Mean value provided unless otherwise specified

Facility FIM Training*	
FIM Credentialed Staff per 100 Episodes	FIM Credentialed Facility Trainers
 11.7 YOUR FACILITY CY25	3 Your Facility
 7.2 AUSTRALIA CY25 (Mean)	2 AROC Suggested Minimum

\*This includes all impairments from all wards

## Proportion of completed Episodes by Facility



# Data used in this report

- Orthopaedic fracture episodes discharged during the reporting period (1 January 2025 – 31 December 2025) and time series data covering five years.
- Benchmark group is AUSTRALIA.
- Casemix analysis uses version 5 AN-SNAP classes (Appendix 3). Casemix adjustment is calculated against AUSTRALIA data.
- Unit of counting is by concatenated\* episode, not by patient.
- Summary data (e.g. means, confidence intervals) are excluded from figures and tables when the number of episodes within a subgroup is less than 5.
- Missing data and ungroupable AN-SNAP classes excluded from figures tables are noted in the inclusion footnote.
- Facilities will only receive this report when the facility reports a minimum of 20 completed orthopaedic fracture episodes.

Note: Appendix 1 (Glossary) contains definitions of concepts referred to in this report. An understanding of these will help with interpretation of the data. This report should be considered in conjunction with the Outcome Benchmarks Report for your facility.

\*Refer to Appendix 1 for more details about the process of data concatenation.

# Orthopaedic fractures impairment codes

Orthopaedic fracture episodes were identified as those with the following AROC impairment codes:

- 8.111 – Fracture of hip, unilateral
- 8.112 – Fracture of hip, bilateral
- 8.12 – Fracture of shaft of femur
- 8.13 – Fracture of pelvis
- 8.141 – Fracture of knee
- 8.142 – Fracture of leg, ankle, foot
- 8.15 – Fracture of upper limb
- 8.16 – Fracture of spine
- 8.17 – Fracture of multiple sites
- 8.19 – Other orthopaedic fracture

NOTE: A list of all impairment codes can be found in Appendix 2.

# Orthopaedic fractures AN-SNAP classes

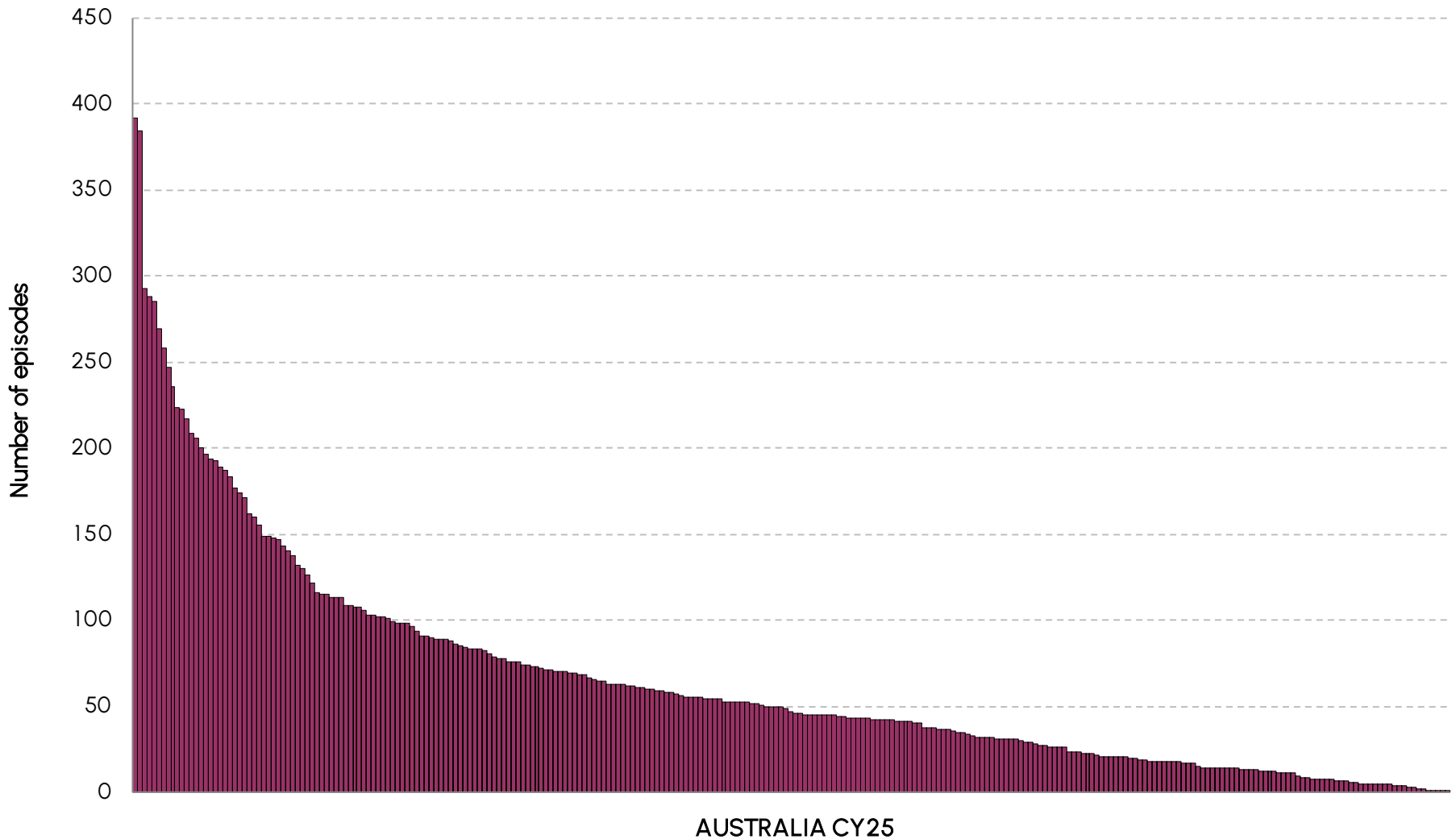
Levels of functioning for orthopaedic fractures are categorised by the following version 5 AN-SNAP classes:

- 5AH1 Orthopaedic fractures, weighted FIM motor 48 - 91, FIM cognition 33 - 35
- 5AH2 Orthopaedic fractures, weighted FIM motor 48 - 91, FIM cognition 21 - 32
- 5AH3 Orthopaedic fractures, weighted FIM motor 48 - 91, FIM cognition 5 - 20
- 5AH4 Orthopaedic fractures, weighted FIM motor 19-47
- 5AZ3 Weighted FIM motor score 13-18, All other impairments, Age  $\geq$  79
- 5AZ4 Weighted FIM motor score 13-18, All other impairments, Age  $\leq$  18-78

NOTE: A list of all AN-SNAP classes can be found in Appendix 3.

# The BIG picture

# Volume of episodes by facilities treating orthopaedic fractures



NOTE: 275 facilities reported at least one orthopaedic fracture episode, with 210 facilities reporting between 20 and 392 episodes in this reporting period

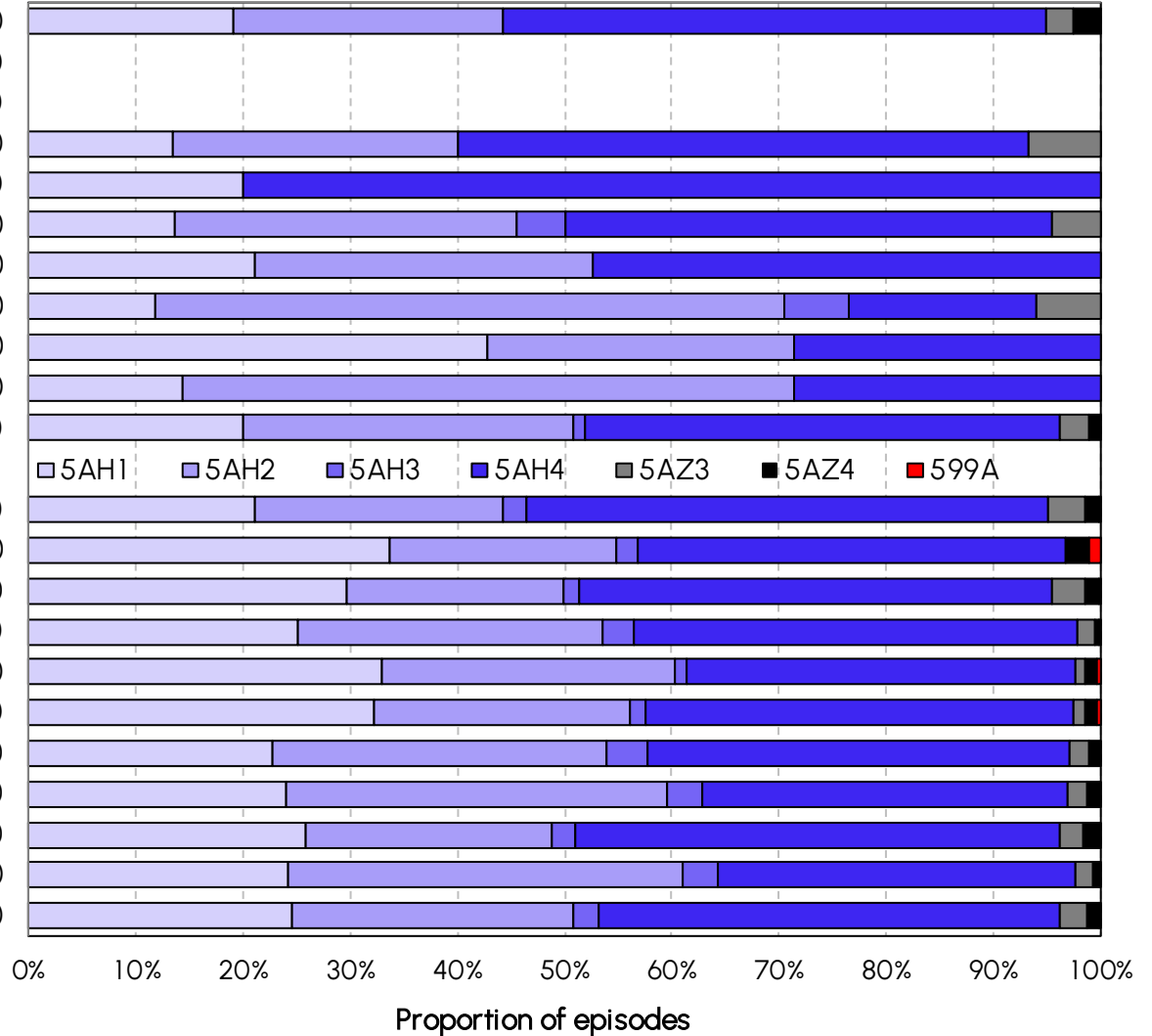
# Proportion of episodes by impairment code and AN-SNAP class

YOUR FACILITY CY25

- 8.111 Fracture of hip, unilateral (n=79)
- 8.112 Fracture of hip, bilateral (n<5)
- 8.12 Fracture of shaft of femur (n<5)
- 8.13 Fracture of pelvis (n=15)
- 8.141 Fracture of knee (n=5)
- 8.142 Fracture of leg, ankle, foot (n=22)
- 8.15 Fracture of upper limb (n=19)
- 8.16 Fracture of spine (n=17)
- 8.17 Fracture of multiple sites (n=21)
- 8.19 Other orthopaedic fracture (n=7)
- All Orthopaedic Fractures (n=189)

AUSTRALIA CY25

- 8.111 Fracture of hip, unilateral (n=6,980)
- 8.112 Fracture of hip, bilateral (n=95)
- 8.12 Fracture of shaft of femur (n=912)
- 8.13 Fracture of pelvis (n=1,404)
- 8.141 Fracture of knee (n=611)
- 8.142 Fracture of leg, ankle, foot (n=1,565)
- 8.15 Fracture of upper limb (n=1,436)
- 8.16 Fracture of spine (n=1,747)
- 8.17 Fracture of multiple sites (n=2,099)
- 8.19 Other orthopaedic fracture (n=1,339)
- All Orthopaedic Fractures (n=18,188)



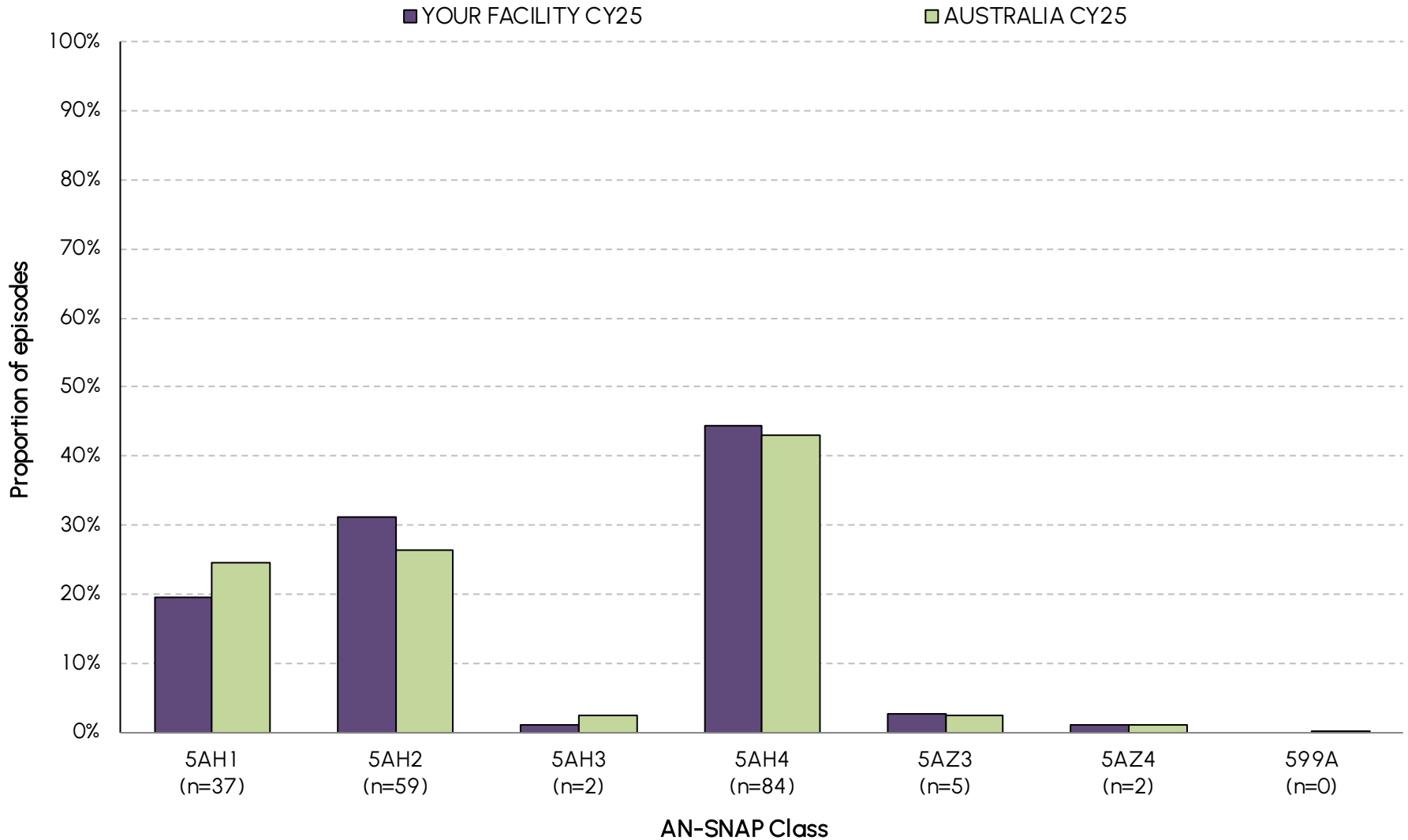
# Summary of episodes by impairment code and AN-SNAP class

Impairment code	YOUR FACILITY CY25 — N (%)								All Orthopaedic Fractures
	5AH1	5AH2	5AH3	5AH4	5AZ3	5AZ4	599A		
8.111 Fracture of hip, unilateral	15 (19.0)	20 (25.3)	0 (0.0)	40 (50.6)	2 (2.5)	2 (2.5)	0 (0.0)	79 (100.0)	
8.112 Fracture of hip, bilateral	0 —	0 —	0 —	0 —	0 —	0 —	0 —	0 —	
8.12 Fracture of shaft of femur	0 (0.0)	2 (50.0)	0 (0.0)	2 (50.0)	0 (0.0)	0 (0.0)	0 (0.0)	4 (100.0)	
8.13 Fracture of pelvis	2 (13.3)	4 (26.7)	0 (0.0)	8 (53.3)	1 (6.7)	0 (0.0)	0 (0.0)	15 (100.0)	
8.141 Fracture of knee	1 (20.0)	0 (0.0)	0 (0.0)	4 (80.0)	0 (0.0)	0 (0.0)	0 (0.0)	5 (100.0)	
8.142 Fracture of leg, ankle, foot	3 (13.6)	7 (31.8)	1 (4.5)	10 (45.5)	1 (4.5)	0 (0.0)	0 (0.0)	22 (100.0)	
8.15 Fracture of upper limb	4 (21.1)	6 (31.6)	0 (0.0)	9 (47.4)	0 (0.0)	0 (0.0)	0 (0.0)	19 (100.0)	
8.16 Fracture of spine	2 (11.8)	10 (58.8)	1 (5.9)	3 (17.6)	1 (5.9)	0 (0.0)	0 (0.0)	17 (100.0)	
8.17 Fracture of multiple sites	9 (42.9)	6 (28.6)	0 (0.0)	6 (28.6)	0 (0.0)	0 (0.0)	0 (0.0)	21 (100.0)	
8.19 Other orthopaedic fracture	1 (14.3)	4 (57.1)	0 (0.0)	2 (28.6)	0 (0.0)	0 (0.0)	0 (0.0)	7 (100.0)	
<b>All Orthopaedic Fractures</b>	<b>37 (19.6)</b>	<b>59 (31.2)</b>	<b>2 (1.1)</b>	<b>84 (44.4)</b>	<b>5 (2.6)</b>	<b>2 (1.1)</b>	<b>0 (0.0)</b>	<b>189 (100.0)</b>	

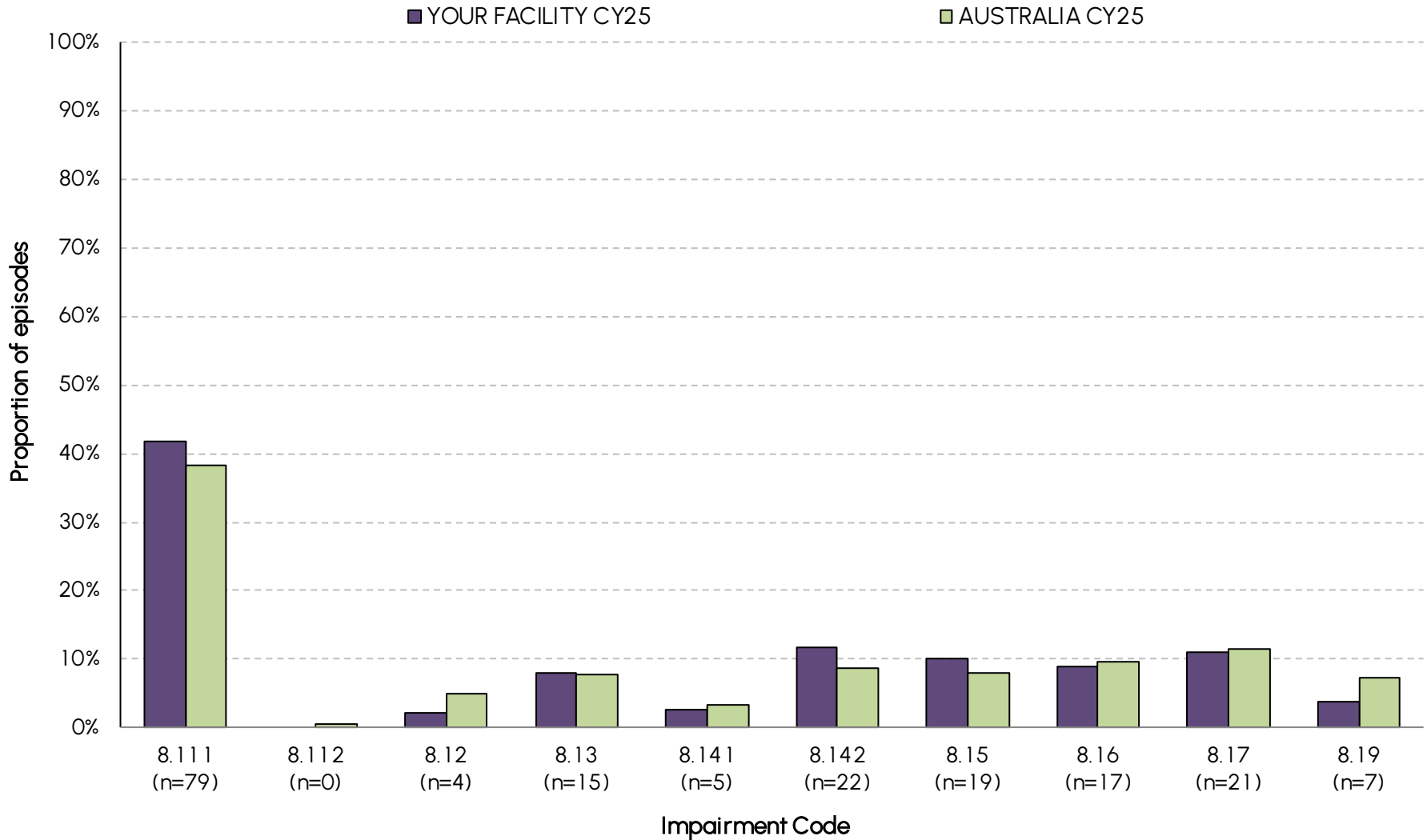
Impairment code	AUSTRALIA CY25 — N (%)								All Orthopaedic Fractures
	5AH1	5AH2	5AH3	5AH4	5AZ3	5AZ4	599A		
8.111 Fracture of hip, unilateral	1,478 (21.2)	1,614 (23.1)	145 (2.1)	3,398 (48.7)	245 (3.5)	89 (1.3)	11 (0.2)	6,980 (100.0)	
8.112 Fracture of hip, bilateral	32 (33.7)	20 (21.1)	(n<5) —	38 (40.0)	0 (0.0)	(n<5) —	(n<5) —	95 (100.0)	
8.12 Fracture of shaft of femur	271 (29.7)	184 (20.2)	13 (1.4)	403 (44.2)	28 (3.1)	12 (1.3)	(n<5) —	912 (100.0)	
8.13 Fracture of pelvis	353 (25.1)	400 (28.5)	41 (2.9)	581 (41.4)	21 (1.5)	6 (0.4)	(n<5) —	1,404 (100.0)	
8.141 Fracture of knee	201 (32.9)	167 (27.3)	7 (1.1)	222 (36.3)	5 (0.8)	7 (1.1)	(n<5) —	611 (100.0)	
8.142 Fracture of leg, ankle, foot	505 (32.3)	372 (23.8)	23 (1.5)	627 (40.1)	17 (1.1)	16 (1.0)	5 (0.3)	1,565 (100.0)	
8.15 Fracture of upper limb	326 (22.7)	448 (31.2)	55 (3.8)	566 (39.4)	26 (1.8)	15 (1.0)	0 (0.0)	1,436 (100.0)	
8.16 Fracture of spine	419 (24.0)	622 (35.6)	57 (3.3)	597 (34.2)	31 (1.8)	19 (1.1)	(n<5) —	1,747 (100.0)	
8.17 Fracture of multiple sites	542 (25.8)	482 (23.0)	47 (2.2)	947 (45.1)	49 (2.3)	28 (1.3)	(n<5) —	2,099 (100.0)	
8.19 Other orthopaedic fracture	324 (24.2)	493 (36.8)	45 (3.4)	446 (33.3)	23 (1.7)	6 (0.4)	(n<5) —	1,339 (100.0)	
<b>All Orthopaedic Fractures</b>	<b>4,451 (24.5)</b>	<b>4,802 (26.4)</b>	<b>435 (2.4)</b>	<b>7,825 (43.0)</b>	<b>445 (2.4)</b>	<b>200 (1.1)</b>	<b>30 (0.2)</b>	<b>18,188 (100.0)</b>	

\*\*There were 0 episodes in YOUR FACILITY CY25 and 30 episodes in AUSTRALIA CY25 with AN-SNAP class 599A

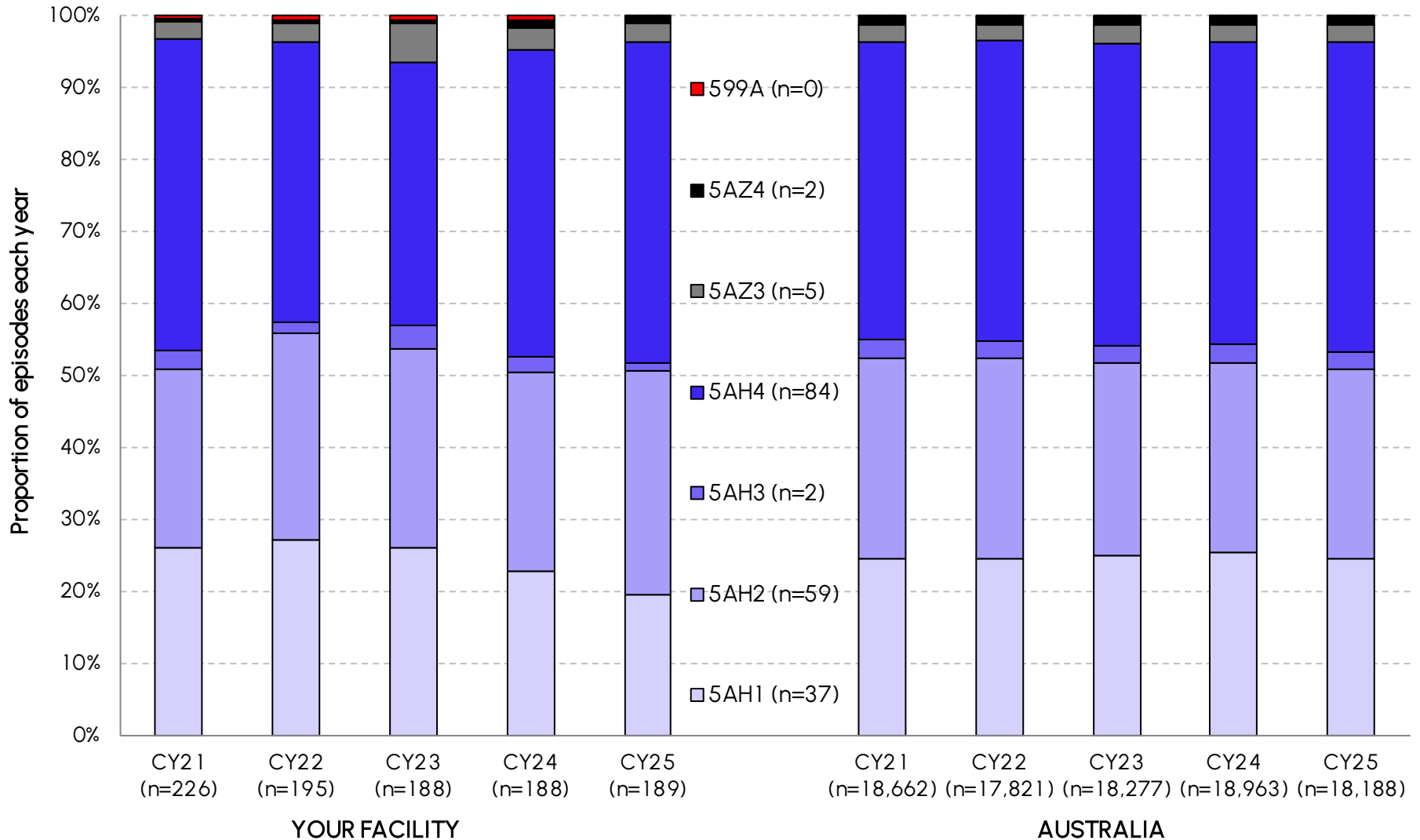
# Proportion of episodes by AN-SNAP class



# Proportion of episodes by impairment code



# Proportion of episodes by AN-SNAP class over time

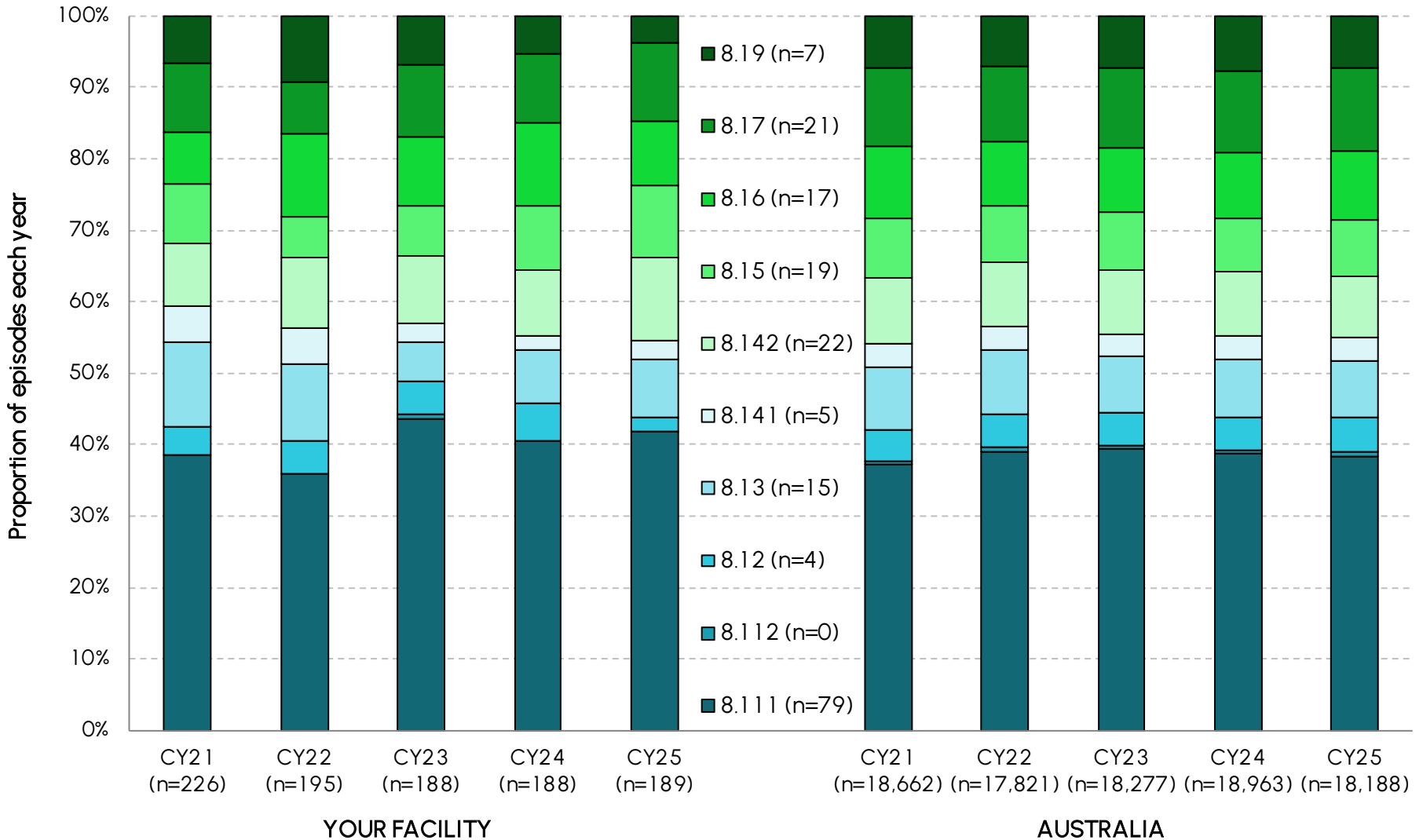


# Summary of episodes by AN-SNAP class over time

AN-SNAP class V5	YOUR FACILITY — N					AUSTRALIA — N				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
5AH1 (motor 48-91, cognition 33-35)	59	53	49	43	37	4,576	4,380	4,557	4,819	4,451
5AH2 (motor 48-91, cognition 21-32)	56	56	52	52	59	5,202	4,954	4,908	4,996	4,802
5AH3 (motor 48-91, cognition 5-20)	6	3	6	4	2	481	422	443	483	435
5AH4 (motor 19-47)	98	76	69	80	84	7,718	7,447	7,663	7,972	7,825
5AZ3 (motor 13-18, Age ≥ 79)	5	5	10	6	5	473	398	481	456	445
5AZ4 (motor 13-18, Age 18-78)	1	1	1	2	2	195	199	200	219	200
599A (Ungroupable)	1	1	1	1	0	17	21	25	18	30
<b>All Fracture AN-SNAP classes</b>	<b>226</b>	<b>195</b>	<b>188</b>	<b>188</b>	<b>189</b>	<b>18,662</b>	<b>17,821</b>	<b>18,277</b>	<b>18,963</b>	<b>18,188</b>

AN-SNAP class V5	YOUR FACILITY — %					AUSTRALIA — %				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
5AH1 (motor 48-91, cognition 33-35)	26.1	27.2	26.1	22.9	19.6	24.5	24.6	24.9	25.4	24.5
5AH2 (motor 48-91, cognition 21-32)	24.8	28.7	27.7	27.7	31.2	27.9	27.8	26.9	26.3	26.4
5AH3 (motor 48-91, cognition 5-20)	2.7	1.5	3.2	2.1	1.1	2.6	2.4	2.4	2.5	2.4
5AH4 (motor 19-47)	43.4	39.0	36.7	42.6	44.4	41.4	41.8	41.9	42.0	43.0
5AZ3 (motor 13-18, Age ≥ 79)	2.2	2.6	5.3	3.2	2.6	2.5	2.2	2.6	2.4	2.4
5AZ4 (motor 13-18, Age 18-78)	0.4	0.5	0.5	1.1	1.1	1.0	1.1	1.1	1.2	1.1
599A (Ungroupable)	0.4	0.5	0.5	0.5	0.0	0.1	0.1	0.1	0.1	0.2
<b>All Fracture AN-SNAP classes</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

# Proportion of episodes by impairment code over time



# Episodes by impairment code over time

Impairment code	YOUR FACILITY — N					AUSTRALIA — N				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
8.111 Fracture of hip, unilateral	87	70	82	76	79	6,954	6,963	7,204	7,339	6,980
8.112 Fracture of hip, bilateral	0	0	1	0	0	89	92	98	92	95
8.12 Fracture of shaft of femur	9	9	9	10	4	822	837	813	872	912
8.13 Fracture of pelvis	27	21	10	14	15	1,610	1,605	1,437	1,541	1,404
8.141 Fracture of knee	11	10	5	4	5	628	579	577	633	611
8.142 Fracture of leg, ankle, foot	20	19	18	17	22	1,717	1,598	1,663	1,699	1,565
8.15 Fracture of upper limb	19	11	13	17	19	1,571	1,412	1,485	1,425	1,436
8.16 Fracture of spine	16	23	18	22	17	1,861	1,581	1,622	1,733	1,747
8.17 Fracture of multiple sites	22	14	19	18	21	2,029	1,895	2,030	2,168	2,099
8.19 Other orthopaedic fracture	15	18	13	10	7	1,381	1,259	1,348	1,461	1,339
<b>All Orthopaedic Fractures</b>	<b>226</b>	<b>195</b>	<b>188</b>	<b>188</b>	<b>189</b>	<b>18,662</b>	<b>17,821</b>	<b>18,277</b>	<b>18,963</b>	<b>18,188</b>

Impairment code	YOUR FACILITY — %					AUSTRALIA — %				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
8.111 Fracture of hip, unilateral	38.5	35.9	43.6	40.4	41.8	37.3	39.1	39.4	38.7	38.4
8.112 Fracture of hip, bilateral	0.0	0.0	0.5	0.0	0.0	0.5	0.5	0.5	0.5	0.5
8.12 Fracture of shaft of femur	4.0	4.6	4.8	5.3	2.1	4.4	4.7	4.4	4.6	5.0
8.13 Fracture of pelvis	11.9	10.8	5.3	7.4	7.9	8.6	9.0	7.9	8.1	7.7
8.141 Fracture of knee	4.9	5.1	2.7	2.1	2.6	3.4	3.2	3.2	3.3	3.4
8.142 Fracture of leg, ankle, foot	8.8	9.7	9.6	9.0	11.6	9.2	9.0	9.1	9.0	8.6
8.15 Fracture of upper limb	8.4	5.6	6.9	9.0	10.1	8.4	7.9	8.1	7.5	7.9
8.16 Fracture of spine	7.1	11.8	9.6	11.7	9.0	10.0	8.9	8.9	9.1	9.6
8.17 Fracture of multiple sites	9.7	7.2	10.1	9.6	11.1	10.9	10.6	11.1	11.4	11.5
8.19 Other orthopaedic fracture	6.6	9.2	6.9	5.3	3.7	7.4	7.1	7.4	7.7	7.4
<b>All Orthopaedic Fractures</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

# Summary of your incomplete episodes

Complete episode analysis	YOUR FACILITY CY25		AUSTRALIA CY25	
	N	(%)	N	(%)
Total reporting episodes	189		18,188	
Incomplete episodes	28	(14.8)	2,734	(15.0)

## Reason for incomplete:

Discharged home with end FIM=18	1	(3.6)	8	(0.3)
Discharged home with no end FIM	0	(0.0)	32	(1.2)
Discharged to another hospital	10	(35.7)	1,236	(45.2)
Discharged back to acute same hospital	12	(42.9)	1,182	(43.2)
Discharged at own risk	3	(10.7)	148	(5.4)
Change of care type (LOS<1 week)	0	(0.0)	21	(0.8)
Died	0	(0.0)	27	(1.0)
Other/Unknown Discharge	2	(7.1)	80	(2.9)

Impairment Code:	YOUR FACILITY CY25			
	Incomplete Episodes		Complete episodes	

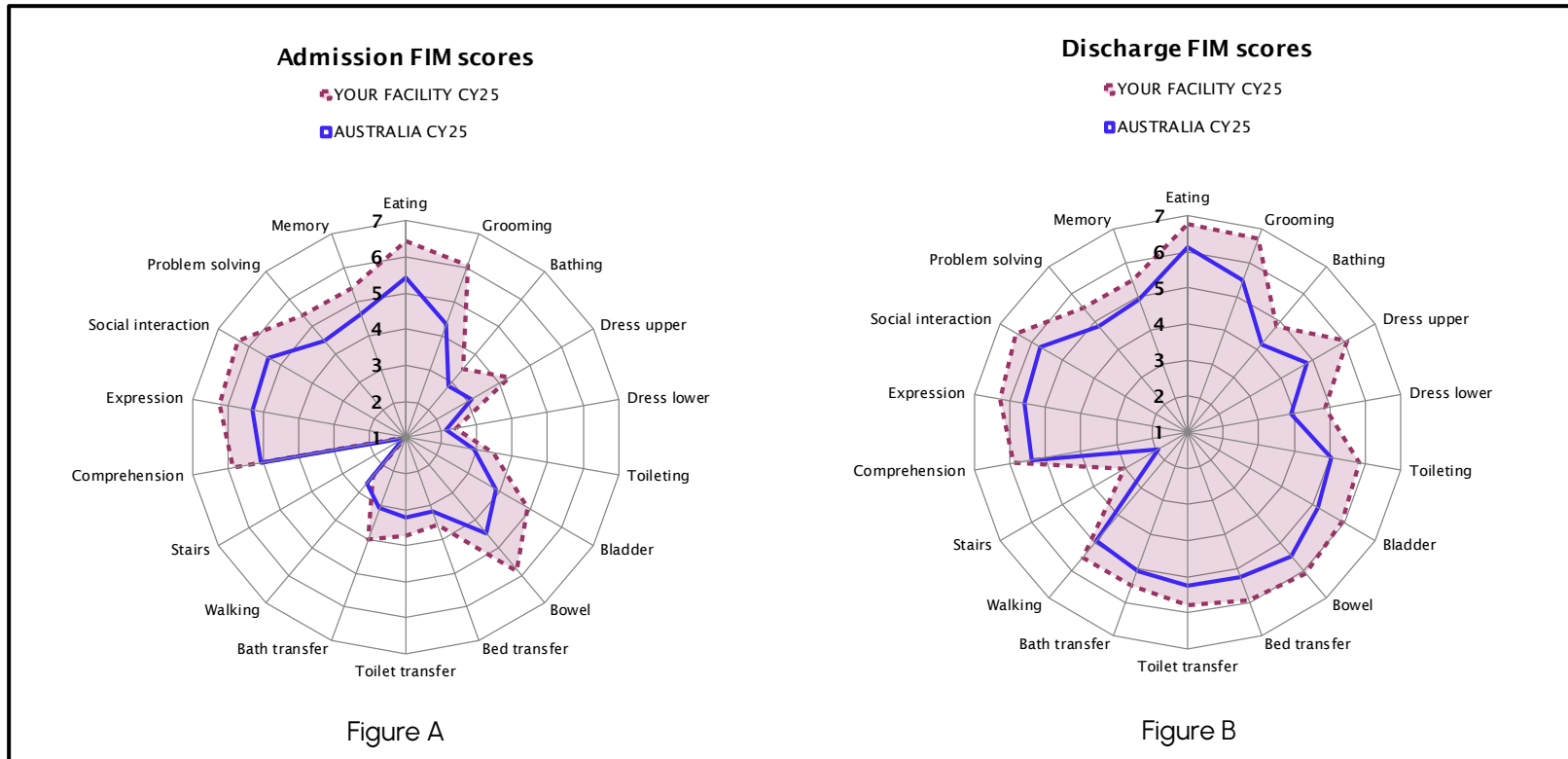
8.111 Fracture of hip, unilateral	11	(39.3)	68	(42.2)
8.112 Fracture of hip, bilateral	0	(0.0)	0	(0.0)
8.12 Fracture of shaft of femur	0	(0.0)	4	(2.5)
8.13 Fracture of pelvis	6	(21.4)	9	(5.6)
8.141 Fracture of knee	0	(0.0)	5	(3.1)
8.142 Fracture of leg, ankle, foot	5	(17.9)	17	(10.6)
8.15 Fracture of upper limb	3	(10.7)	16	(9.9)
8.16 Fracture of spine	2	(7.1)	15	(9.3)
8.17 Fracture of multiple sites	1	(3.6)	20	(12.4)
8.19 Other orthopaedic fracture	0	(0.0)	7	(4.3)

## AN-SNAP Class:

5AH1 (motor 48-91, cognition 33-35)	1	(3.6)	36	(22.4)
5AH2 (motor 48-91, cognition 21-32)	7	(25.0)	52	(32.3)
5AH3 (motor 48-91, cognition 5-20)	0	(0.0)	2	(1.2)
5AH4 (motor 19-47)	17	(60.7)	67	(41.6)
5AZ3 (motor 13-18, Age ≥ 79)	2	(7.1)	3	(1.9)
5AZ4 (motor 13-18, Age 18-78)	1	(3.6)	1	(0.6)

# Review of FIM item scoring by AN-SNAP class

# Interpreting the comparative FIM item scoring charts

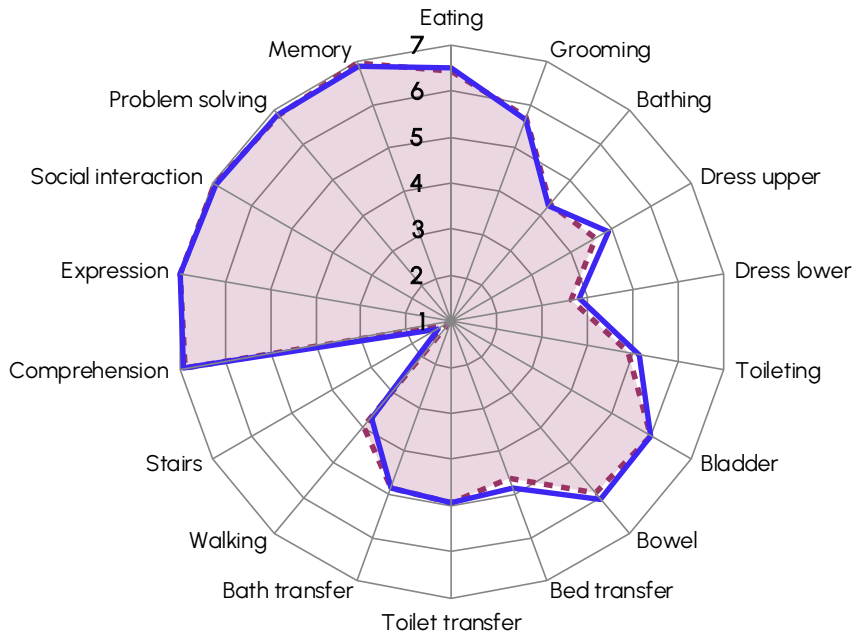


The FIM splat provides a graphic presentation of functional status in a radar chart. The 18 FIM items are arranged in order as 'spokes' of a wheel and the scoring levels from 1 (total dependence) to 7 (total independence) run from the centre outwards. The mean FIM item score for each item is indicated – a perfect score would be demonstrated as a large circle. The two FIM splats compare FIM scoring on admission (Figure A) and discharge (Figure B) between YOUR FACILITY and NATIONAL data – differences in the two shaded areas indicate differences in mean admission/discharge scoring. Graphs include completed episodes with valid FIM scoring.

# Comparative FIM item scoring AN-SNAP class 5AH1

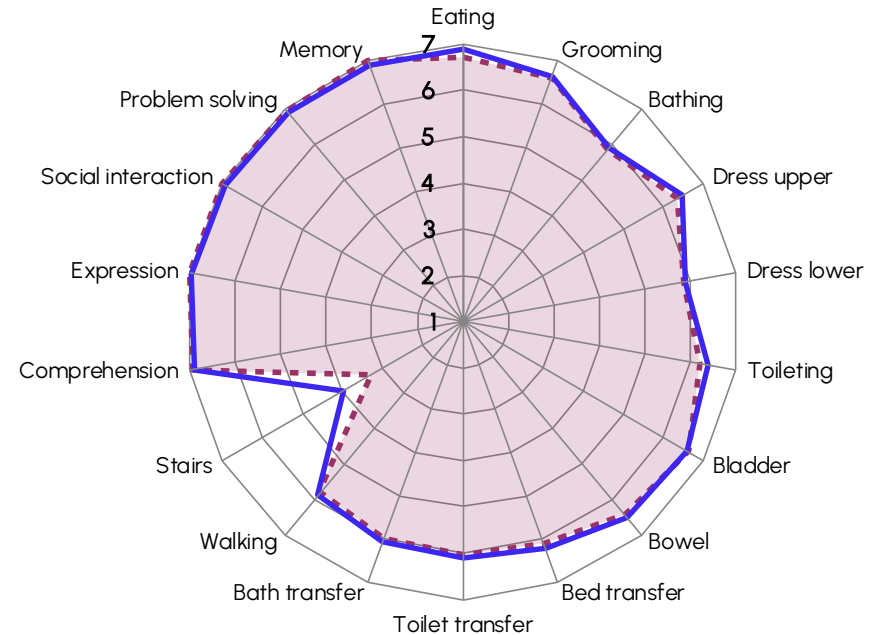
## 5AH1 Admission FIM scores

- YOUR FACILITY CY25 (n=36)
- AUSTRALIA CY25 (n=4,141)



## 5AH1 Discharge FIM scores

- YOUR FACILITY CY25 (n=36)
- AUSTRALIA CY25 (n=4,141)

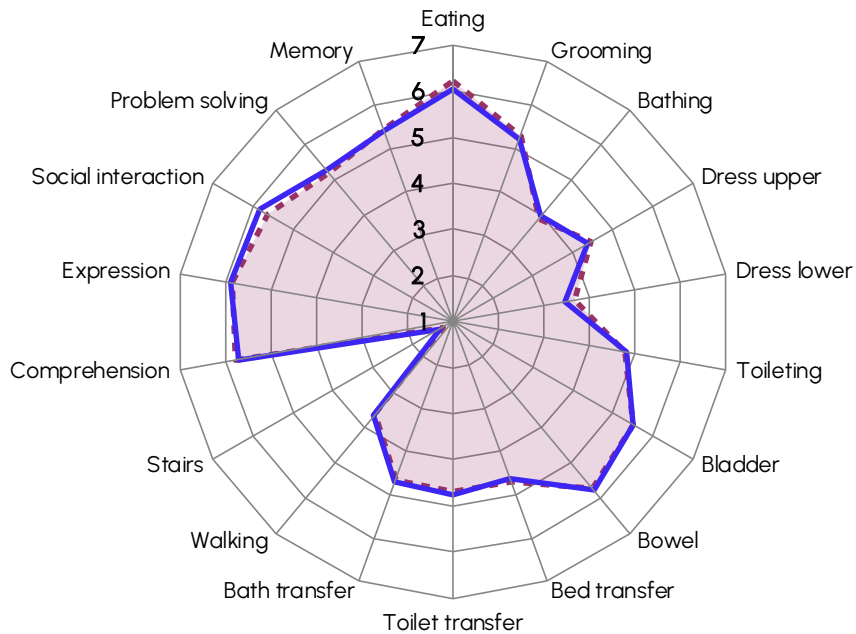


INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report  
 DATA SUPPRESSION: when <5 episodes data is suppressed.

# Comparative FIM item scoring AN-SNAP class 5AH2

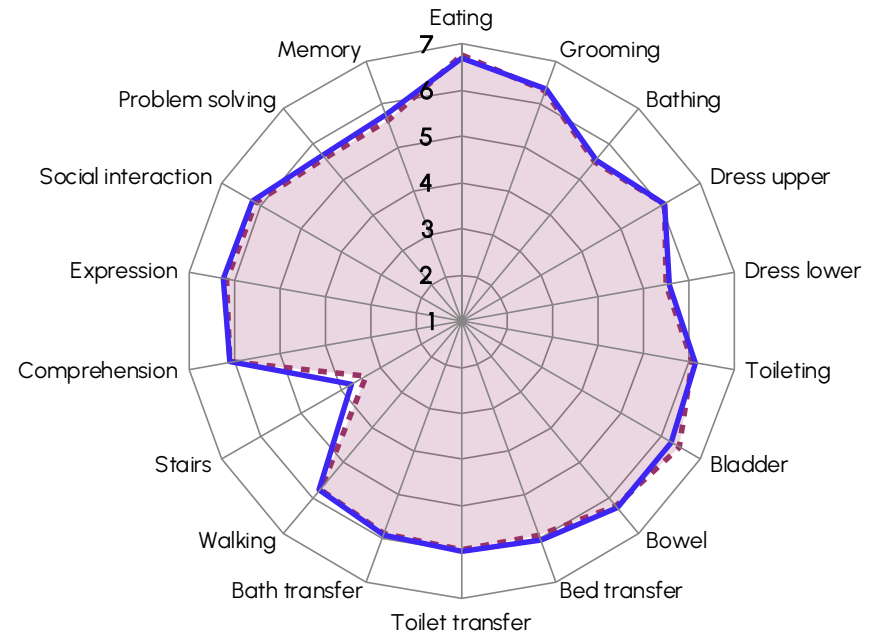
## 5AH2 Admission FIM scores

- YOUR FACILITY CY25 (n=52)
- AUSTRALIA CY25 (n=4,354)



## 5AH2 Discharge FIM scores

- YOUR FACILITY CY25 (n=52)
- AUSTRALIA CY25 (n=4,354)

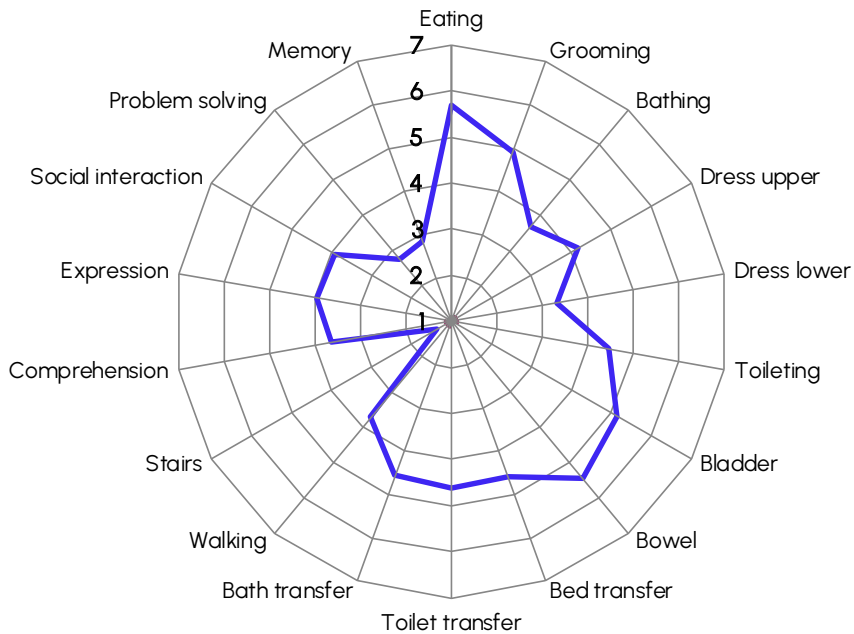


INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report  
 DATA SUPPRESSION: when <5 episodes data is suppressed.

# Comparative FIM item scoring AN-SNAP class 5AH3

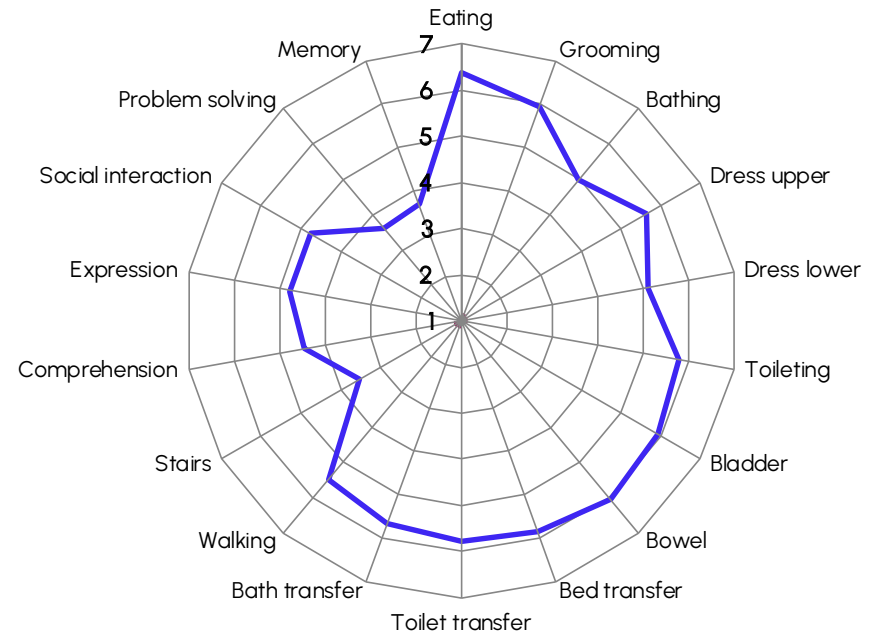
## 5AH3 Admission FIM scores

- YOUR FACILITY CY25 (n<5)
- AUSTRALIA CY25 (n=362)



## 5AH3 Discharge FIM scores

- YOUR FACILITY CY25 (n<5)
- AUSTRALIA CY25 (n=362)

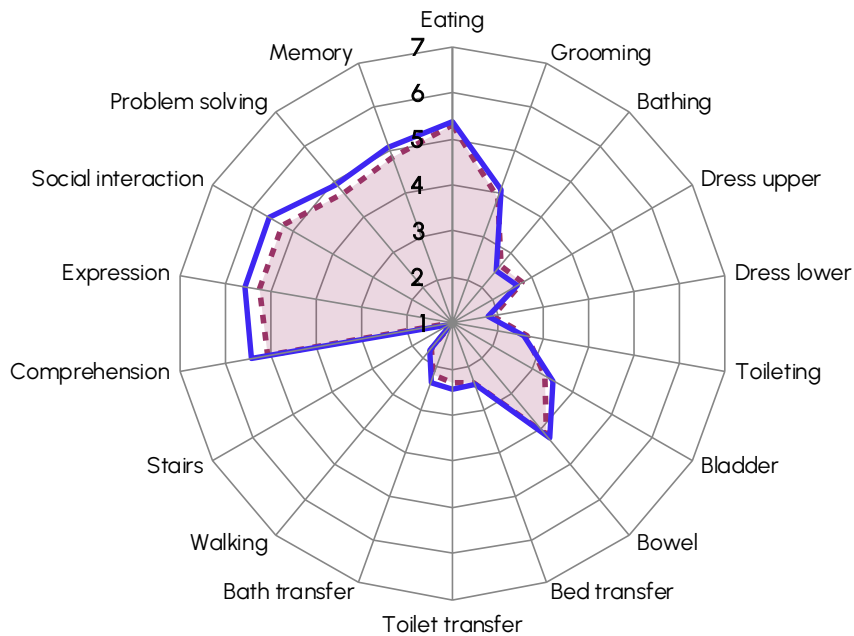


INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report  
 DATA SUPPRESSION: when <5 episodes data is suppressed.

# Comparative FIM item scoring AN-SNAP class 5AH4

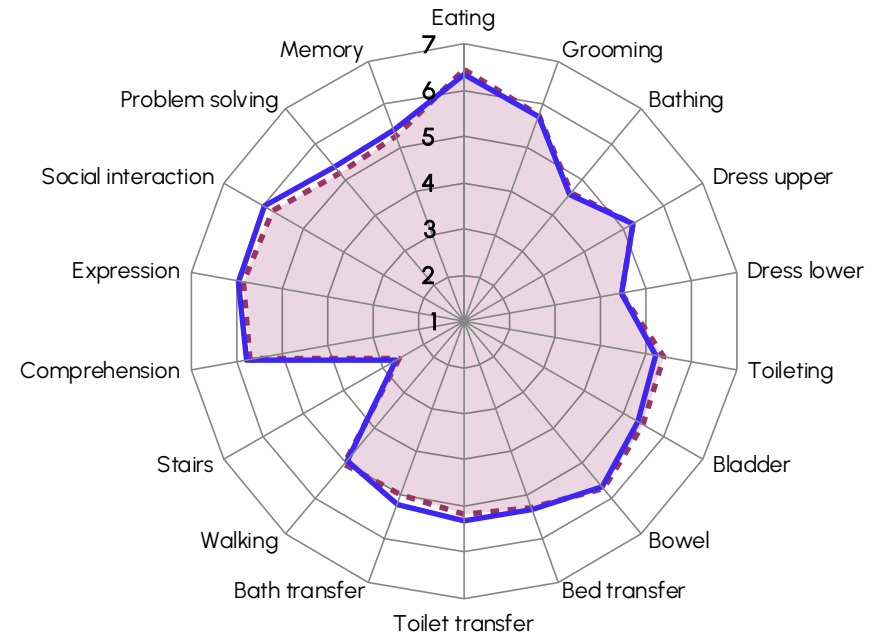
## 5AH4 Admission FIM scores

- YOUR FACILITY CY25 (n=67)
- AUSTRALIA CY25 (n=6,198)



## 5AH4 Discharge FIM scores

- YOUR FACILITY CY25 (n=67)
- AUSTRALIA CY25 (n=6,198)



INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report  
 DATA SUPPRESSION: when <5 episodes data is suppressed.



# Outcomes analysis

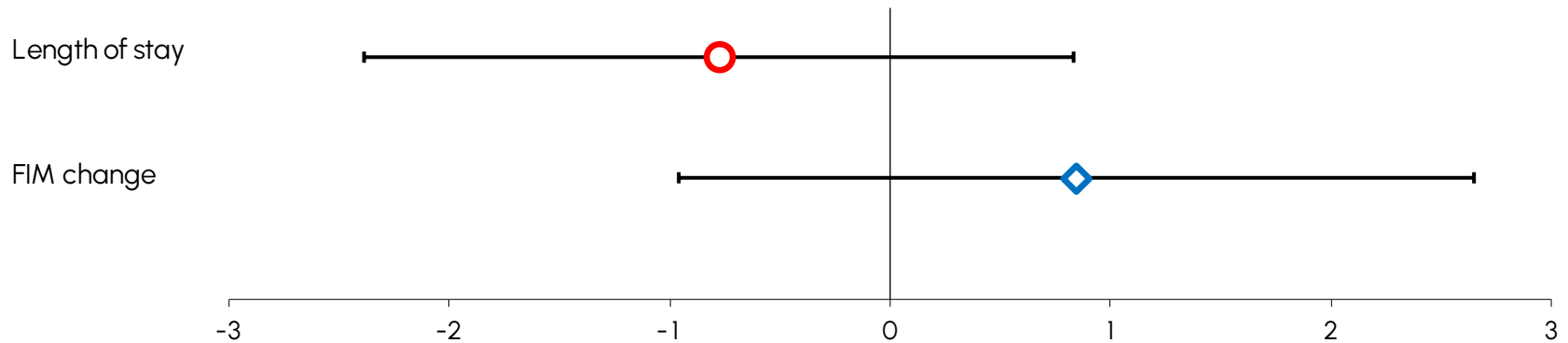
# Summary of completed episodes by AN-SNAP class and impairment code

AN-SNAP class V5	YOUR FACILITY CY25			AUSTRALIA CY25		
	All episodes	Completed episodes	% Complete	All episodes	Completed episodes	% Complete
5AH1 (motor 48-91, cognition 33-35)	37	36	97.3	4,451	4,141	93.0
5AH2 (motor 48-91, cognition 21-32)	59	52	88.1	4,802	4,354	90.7
5AH3 (motor 48-91, cognition 5-20)	2	2	100.0	435	363	83.4
5AH4 (motor 19-47)	84	67	79.8	7,825	6,203	79.3
5AZ3 (motor 13-18, Age ≥ 79)	5	3	60.0	445	254	57.1
5AZ4 (motor 13-18, Age 18-78)	2	1	50.0	200	132	66.0
599A (Ungroupable)	0	0	—	30	7	23.3
<b>All Fracture AN-SNAP classes</b>	<b>189</b>	<b>161</b>	<b>85.2</b>	<b>18,188</b>	<b>15,454</b>	<b>85.0</b>

Impairment code	YOUR FACILITY CY25			AUSTRALIA CY25		
	All episodes	Completed episodes	% Complete	All episodes	Completed episodes	% Complete
8.111 Fracture of hip, unilateral	79	68	86.1	6,980	5,786	82.9
8.112 Fracture of hip, bilateral	0	0	—	95	84	88.4
8.12 Fracture of shaft of femur	4	4	100.0	912	758	83.1
8.13 Fracture of pelvis	15	9	60.0	1,404	1,251	89.1
8.141 Fracture of knee	5	5	100.0	611	537	87.9
8.142 Fracture of leg, ankle, foot	22	17	77.3	1,565	1,331	85.0
8.15 Fracture of upper limb	19	16	84.2	1,436	1,250	87.0
8.16 Fracture of spine	17	15	88.2	1,747	1,523	87.2
8.17 Fracture of multiple sites	21	20	95.2	2,099	1,775	84.6
8.19 Other orthopaedic fracture	7	7	100.0	1,339	1,159	86.6
<b>All Orthopaedic Fractures</b>	<b>189</b>	<b>161</b>	<b>85.2</b>	<b>18,188</b>	<b>15,454</b>	<b>85.0</b>

NOTE: All outcomes analysis are based on completed episodes (excluding 599A). A definition of completed episodes can be found in Appendix 1 (Glossary).

# Casemix-adjusted relative means

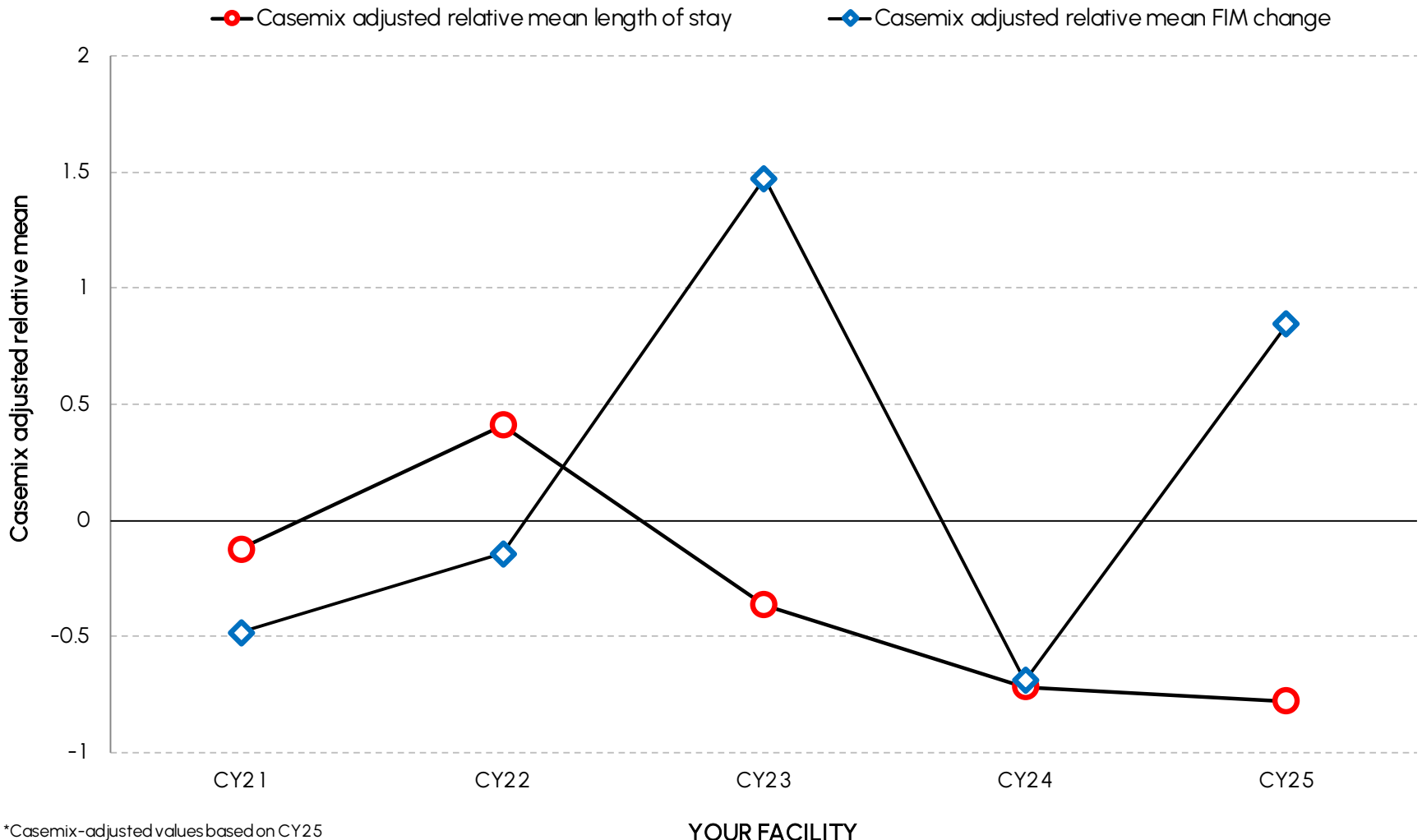


Casemix-adjusted relative means with 95% confidence intervals

Outcome measures	YOUR FACILITY CY25		AUSTRALIA CY25
	Casemix-adjusted relative mean	95% CI	IQR
Length of stay	-0.8	-2.4 to 0.8	-7.8 to 3.9
FIM change	0.8	-1.0 to 2.7	-7.2 to 7.6

INCLUDES: complete episodes with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary.

# Casemix-adjusted\* relative means over time

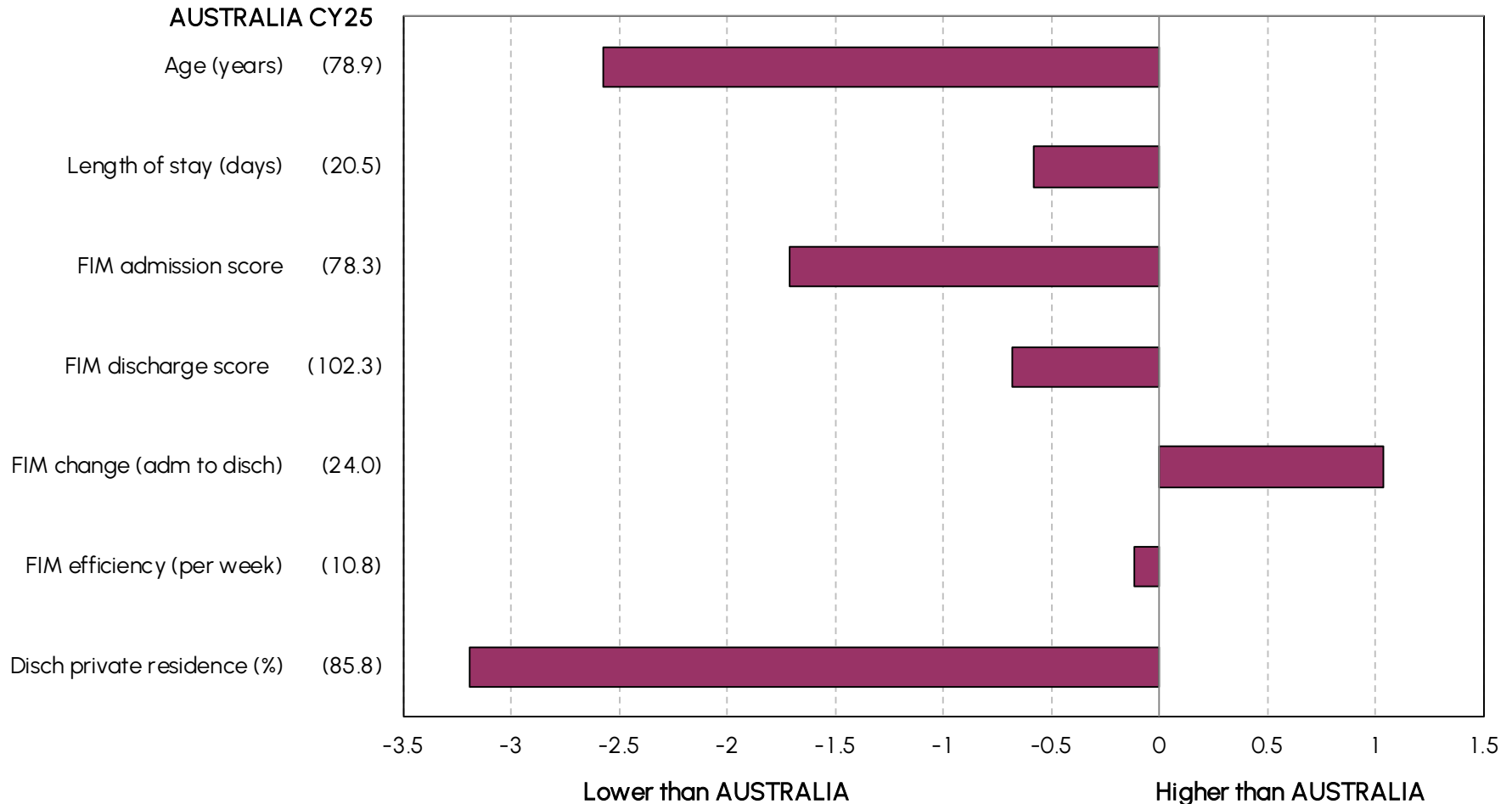


\*Casemix-adjusted values based on CY25

INCLUDES: complete episodes with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary.

# Outcome measures – difference from National

## How YOUR FACILITY is different to AUSTRALIA

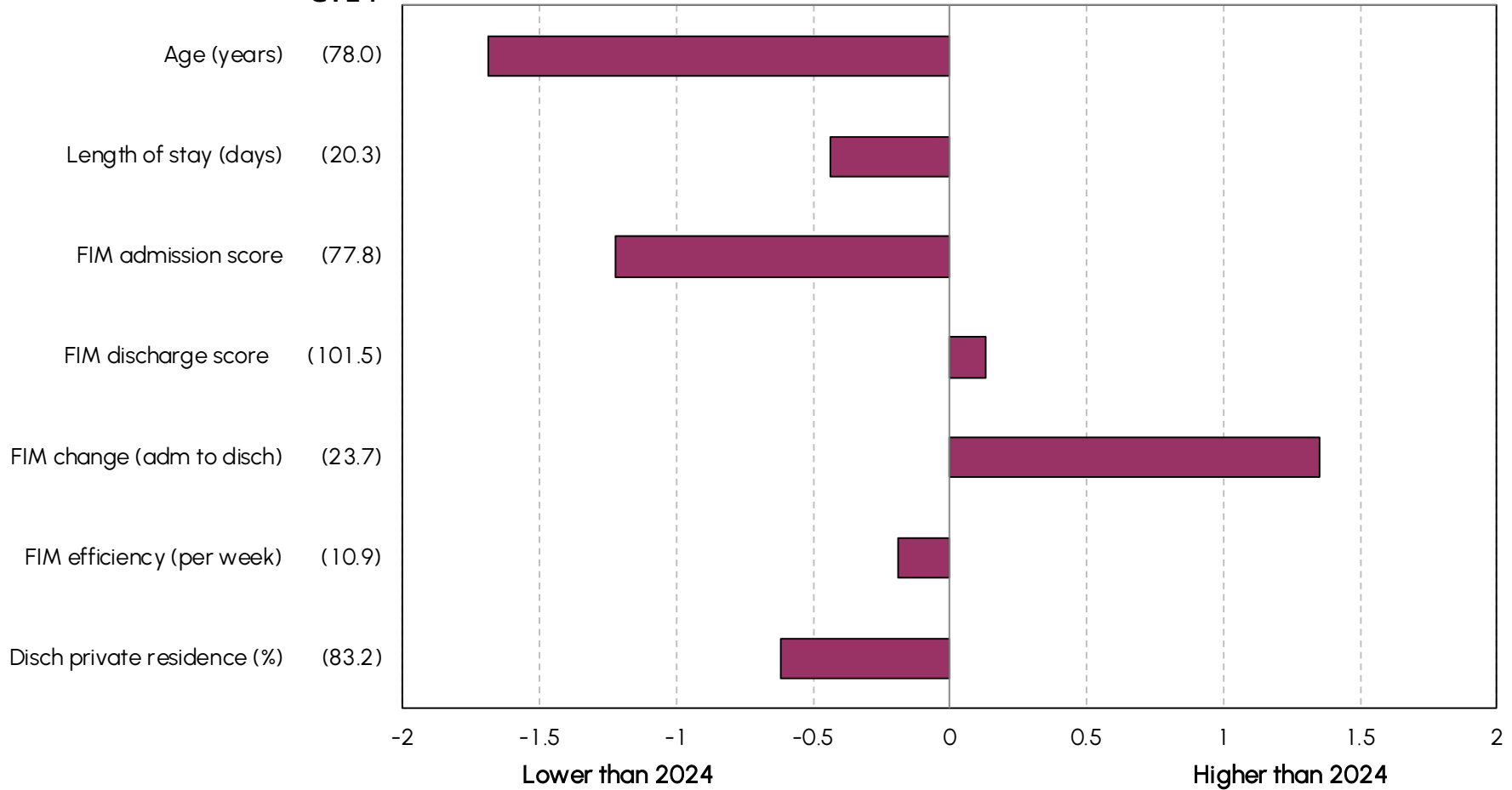


INCLUDES: Age (valid age), LOS (complete with Valid LOS (<500 days), FIM admission/discharge/change (Complete with Valid FIM), FIM efficiency (Complete Valid LOS and Valid FIM), Disch private residence (Complete episode). The definition of a complete episode can be found in the glossary at the end of this report.  
 UPDATE: The calculation of FIM efficiency (per week) has changed in this figure from a group rate to a group mean (of the individual episode-level FIM efficiencies per week within the group). For more details please refer to Appendix 5.

# Outcome measures – difference from last year

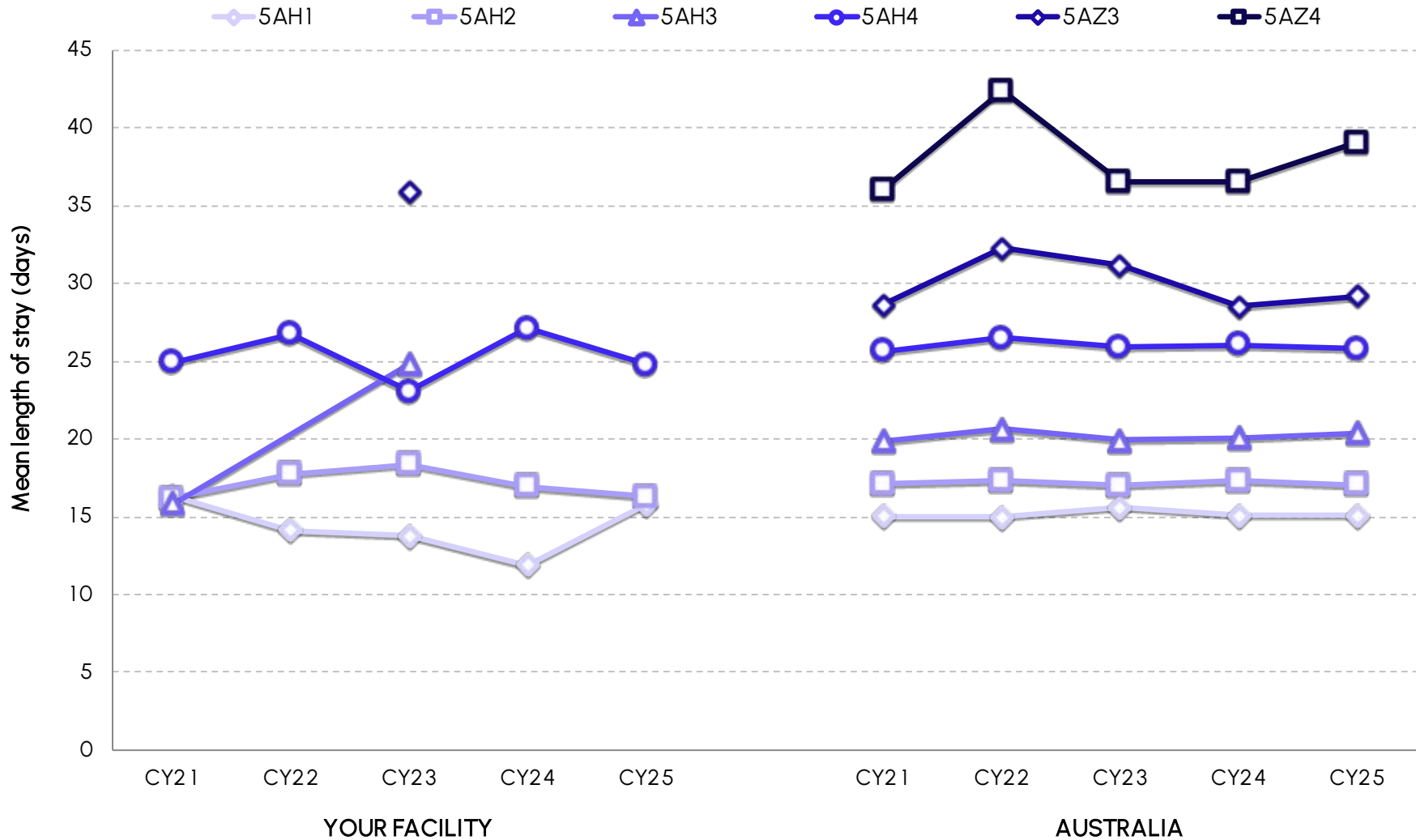
## How YOUR FACILITY has changed since CY 24

CY24



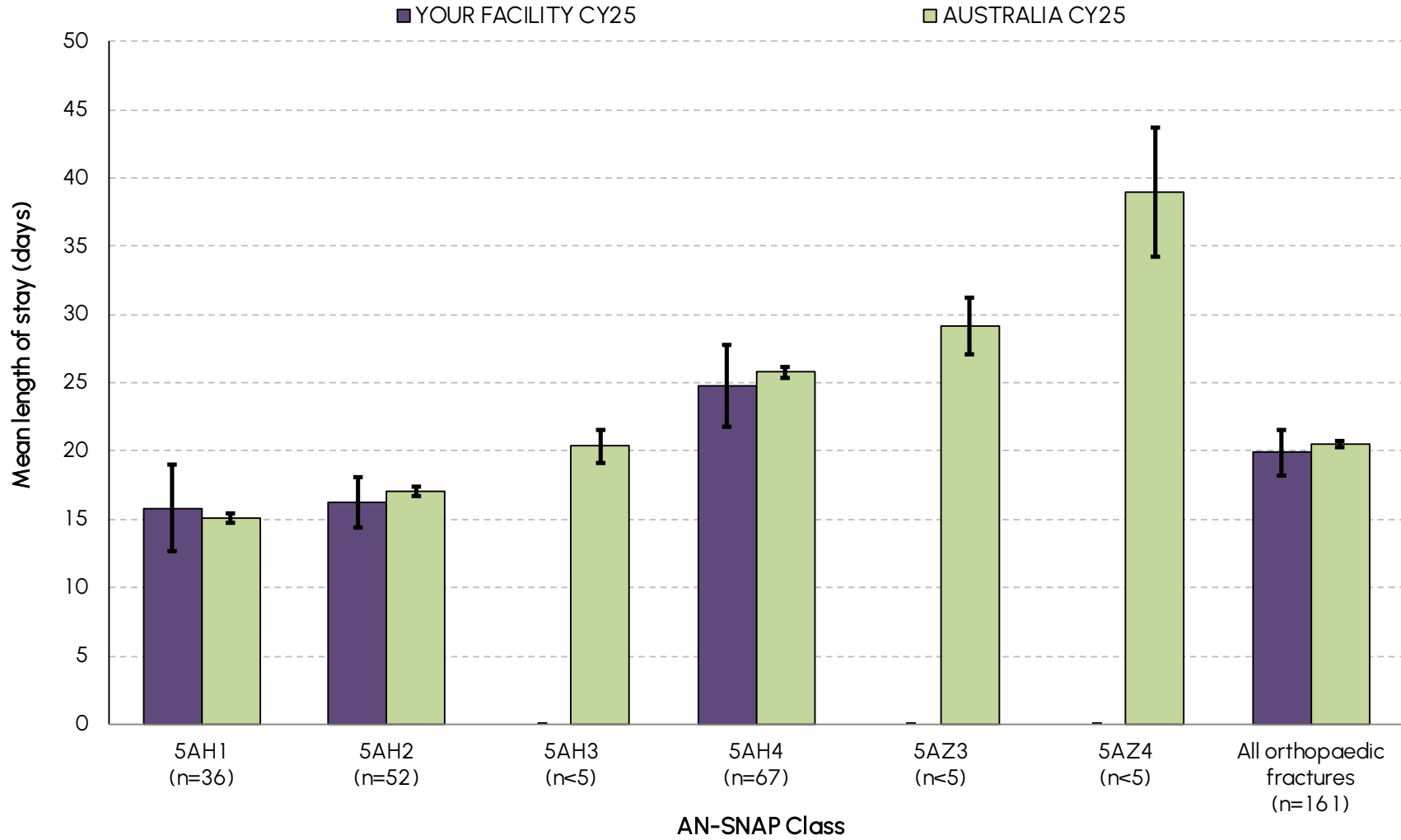
INCLUDES: Age (valid age), LOS (complete with Valid LOS (<500 days), FIM admission/discharge/change (Complete with Valid FIM), FIM efficiency (Complete Valid LOS and Valid FIM), Disch private residence (Complete episode). The definition of a complete episode can be found in the glossary at the end of this report.  
 UPDATE: The calculation of FIM efficiency (per week) has changed in this figure from a group rate to a group mean (of the individual episode-level FIM efficiencies per week within the group). For more details please refer to Appendix 5.

# Mean length of stay by AN-SNAP class over time



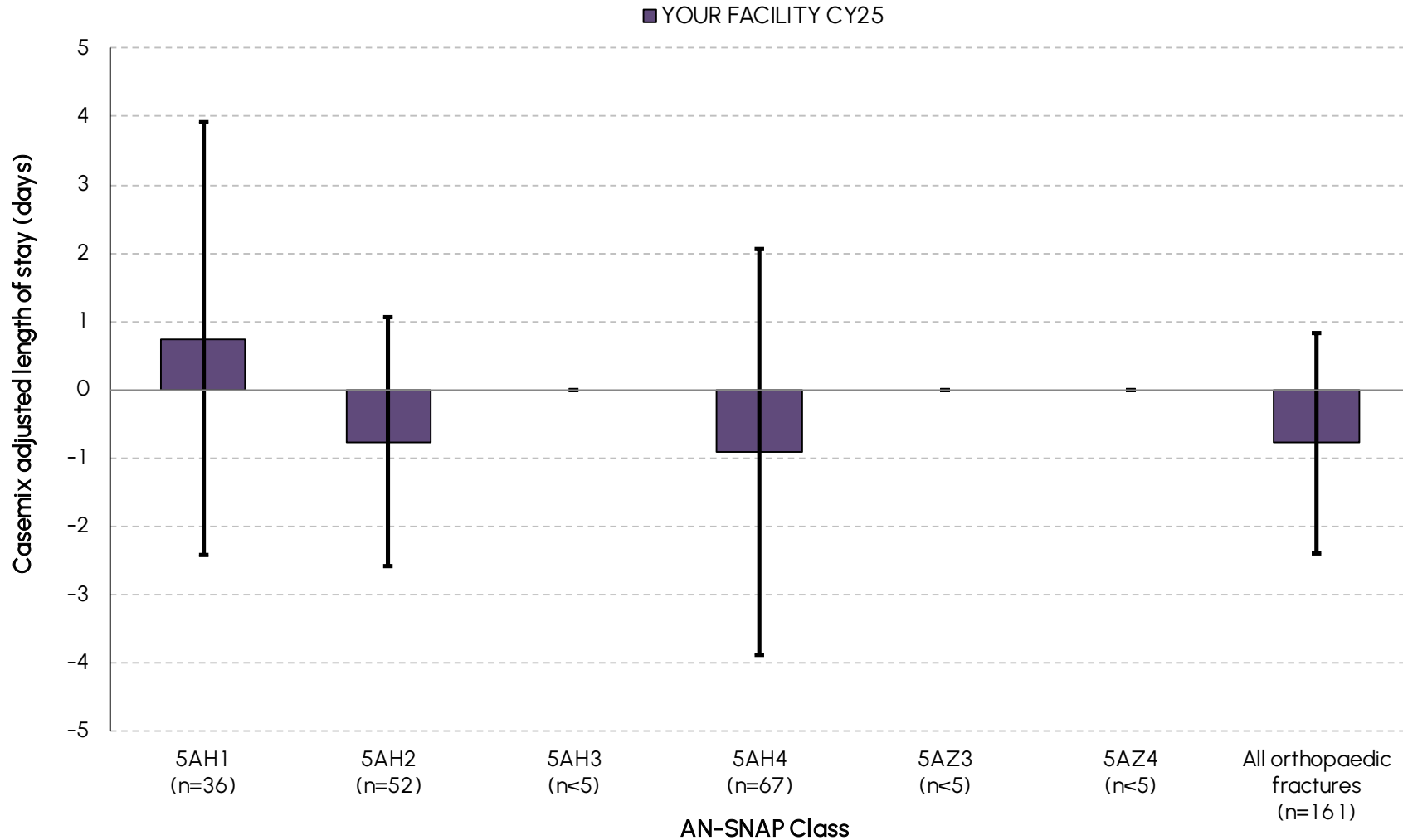
INCLUDES: complete episodes with valid LOS (<500 days) and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary.  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed.

# Mean length of stay by AN-SNAP class



INCLUDES: complete episodes with valid LOS (<500 days) and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary.  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed.

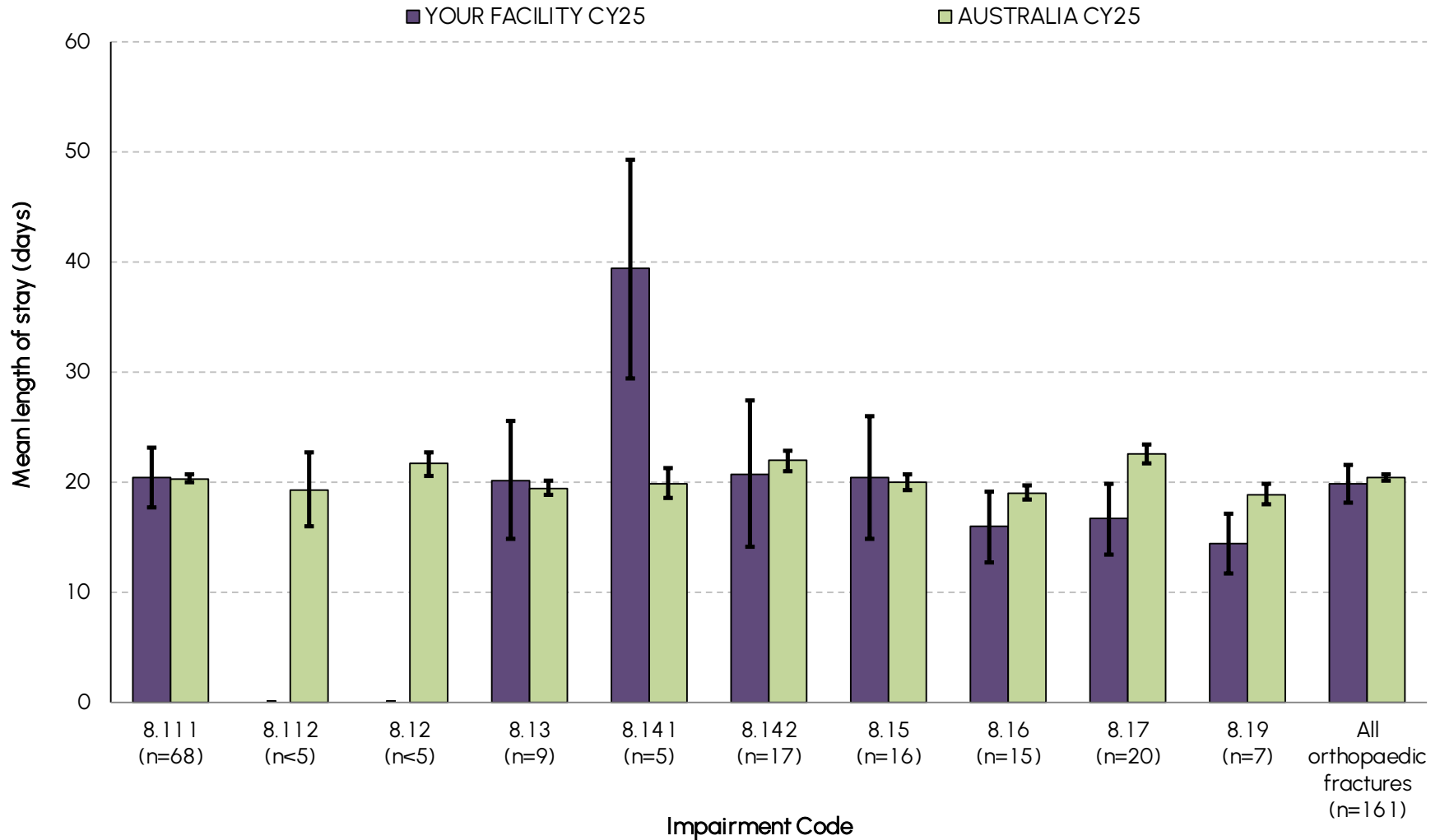
# Casemix-adjusted relative mean length of stay by AN-SNAP class



INCLUDES: complete episodes with valid LOS (<500 days) and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary.

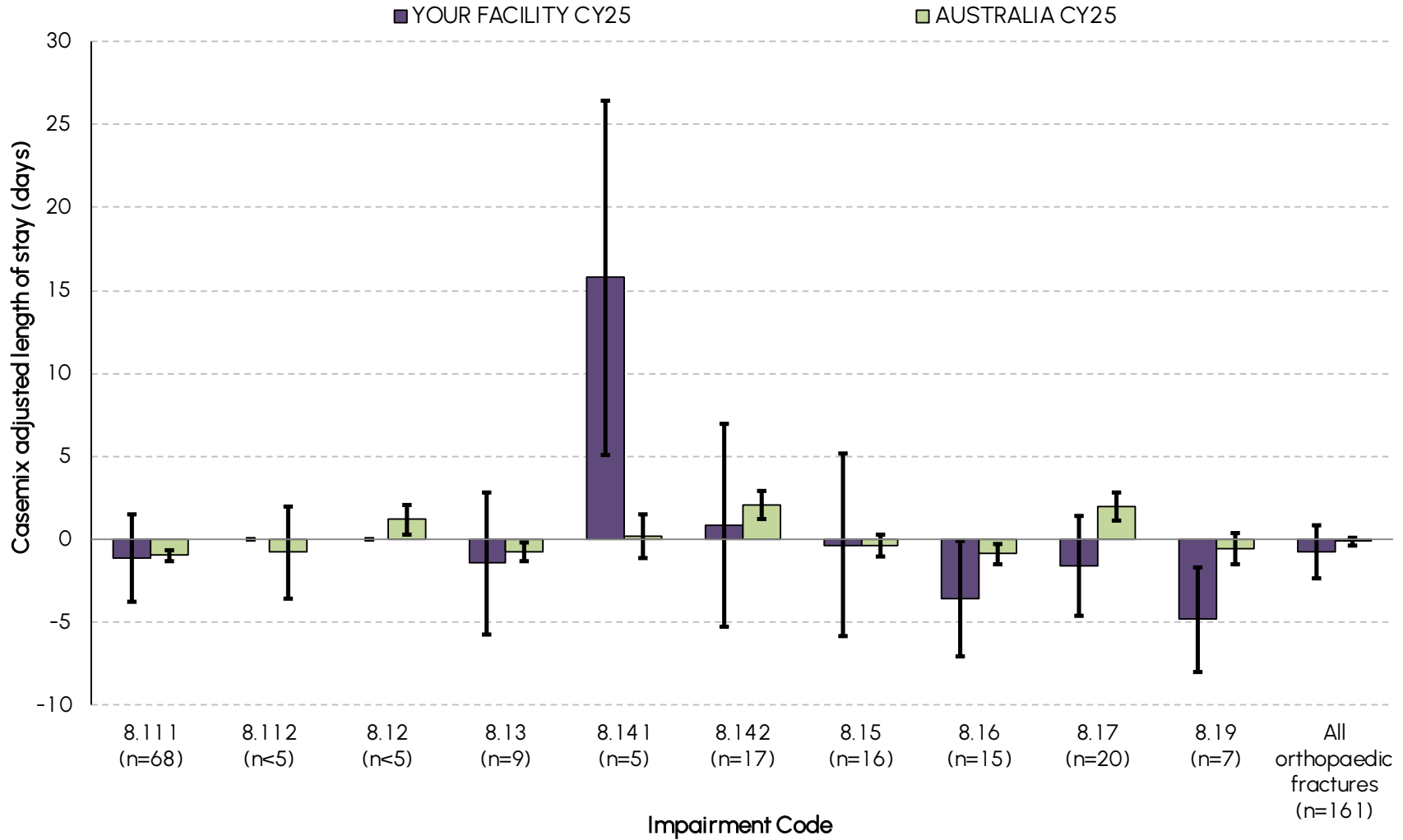
DATA SUPPRESSION: when <5 episodes summary data is suppressed.

# Mean length of stay by impairment code



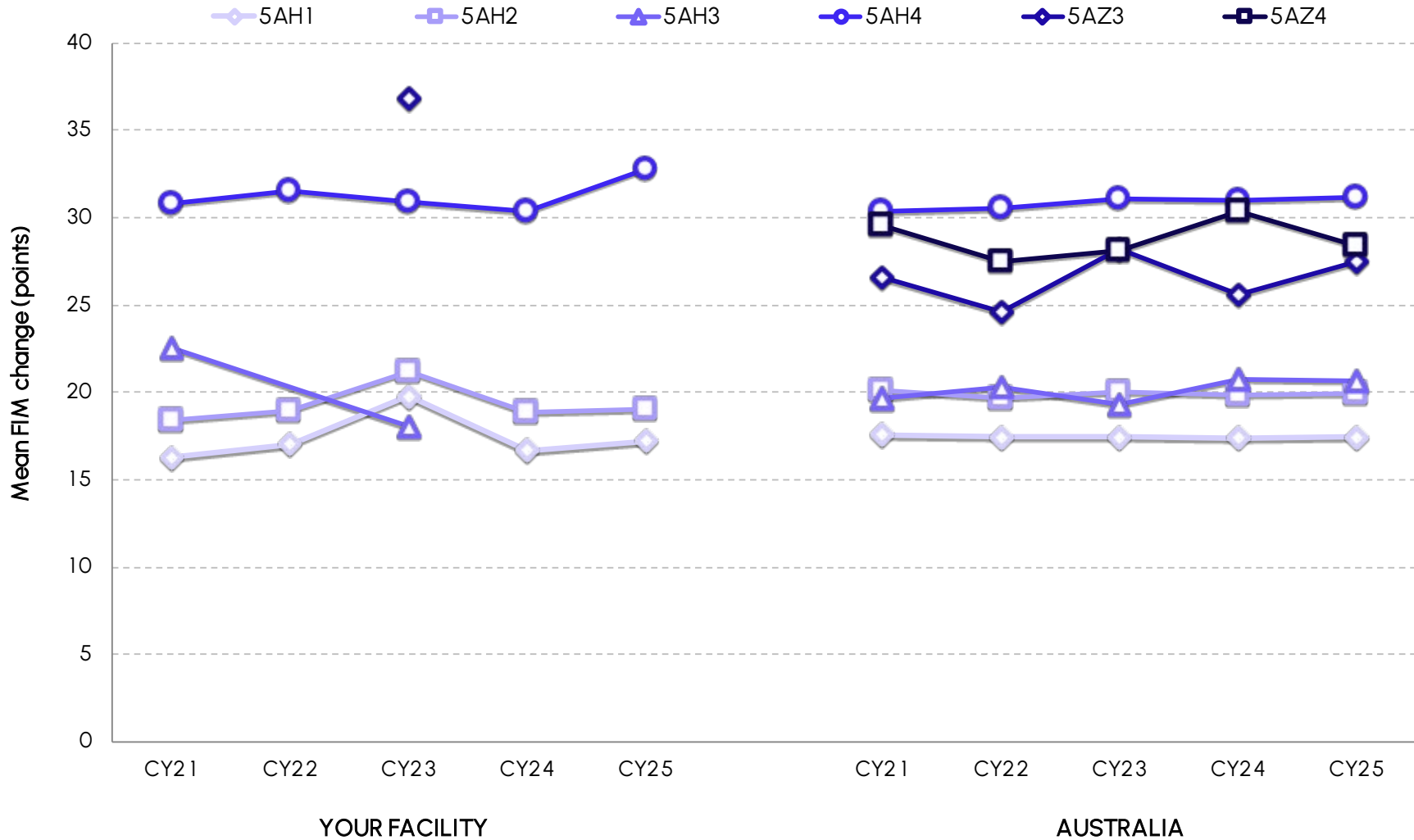
INCLUDES: complete episodes with valid LOS (<500 days). The definition of a complete episode can be found in the glossary.  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed.

# Casemix-adjusted relative mean length of stay by impairment code



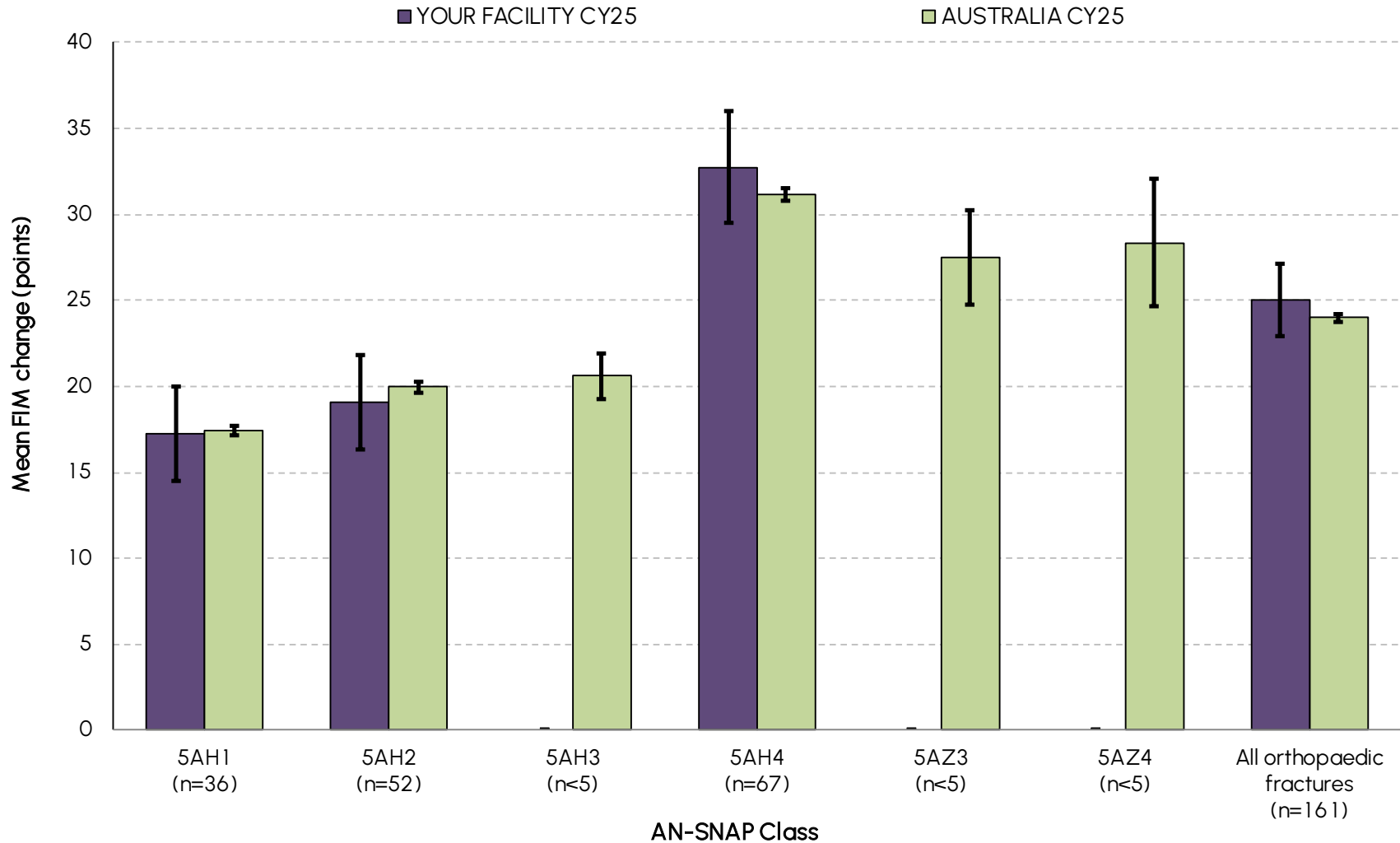
INCLUDES: complete episodes with valid LOS (<500 days) and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary.  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed.

# Mean FIM change by AN-SNAP class over time



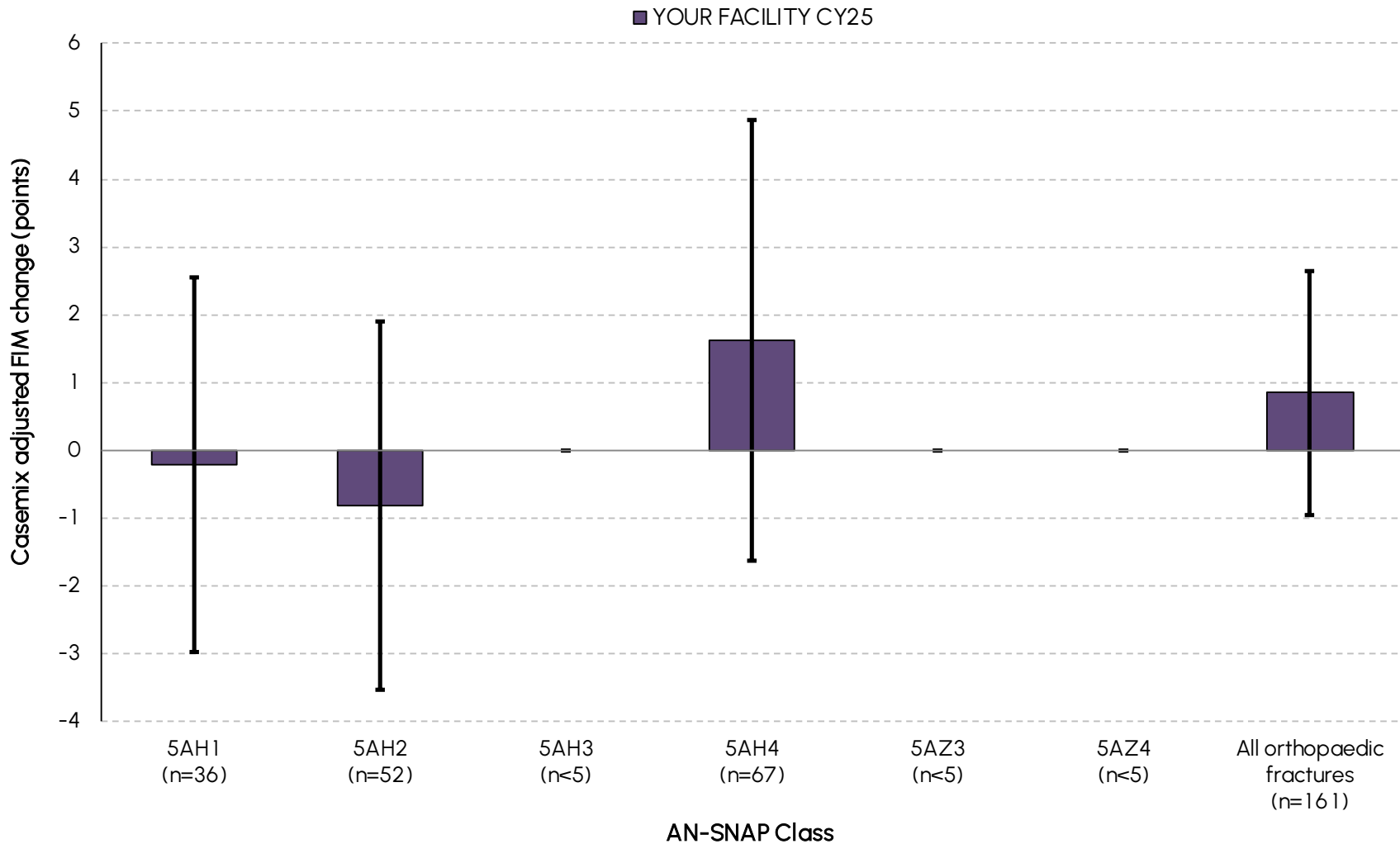
INCLUDES: complete episodes with valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed.

# Mean FIM change by AN-SNAP class



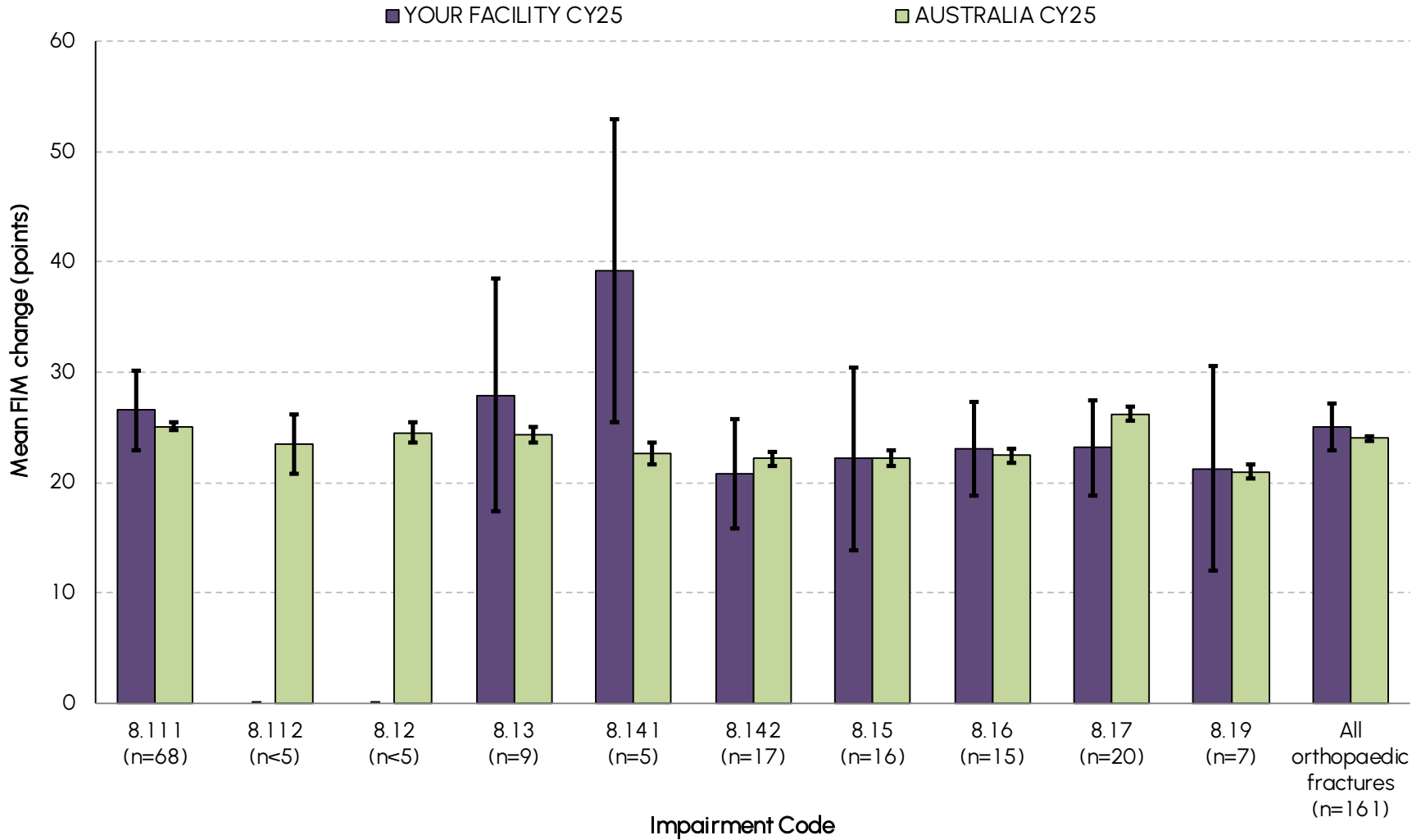
INCLUDES: complete episodes with valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed.

# Casemix-adjusted relative mean FIM change by AN-SNAP class



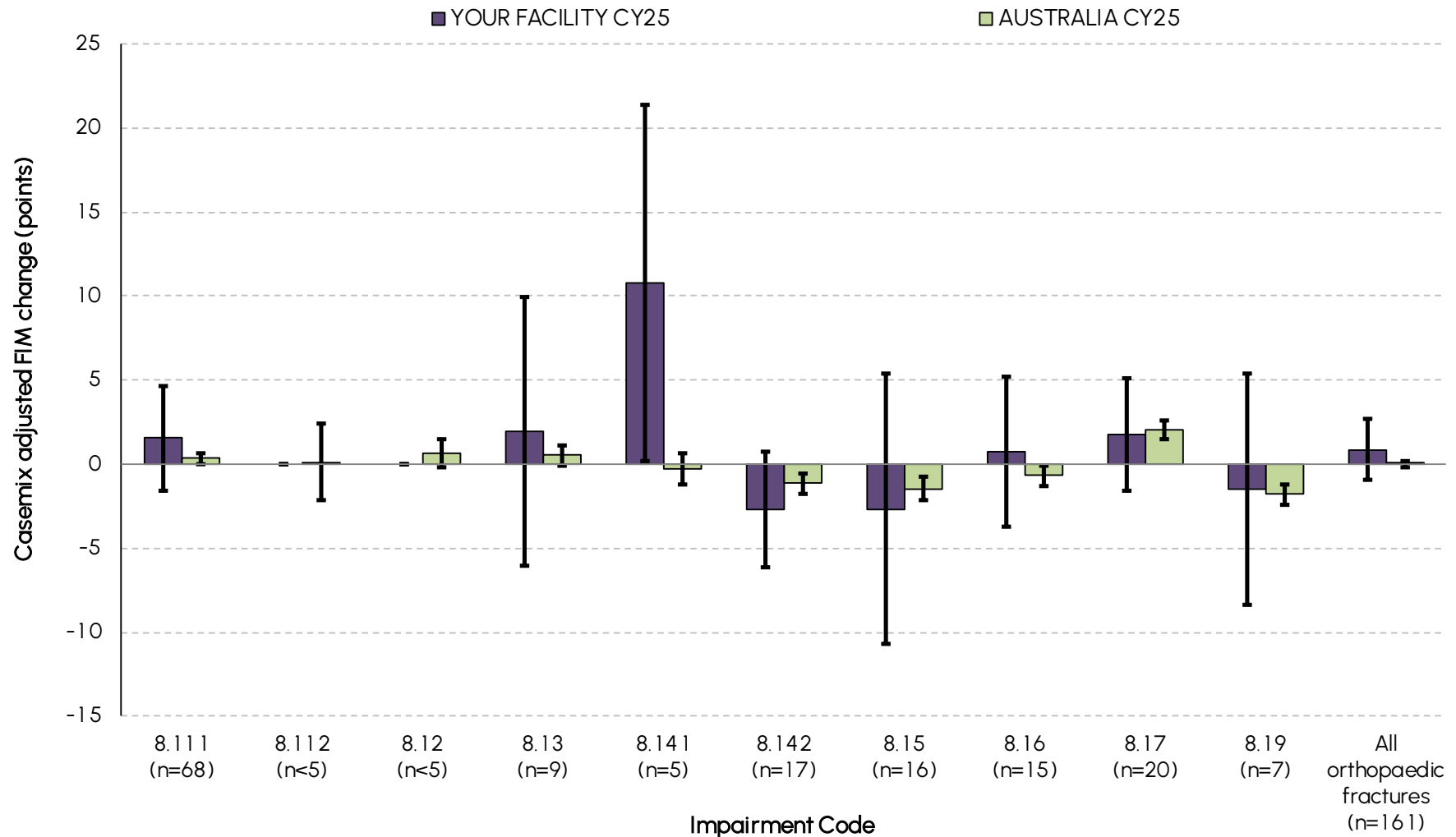
INCLUDES: complete episodes with valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary  
DATA SUPPRESSION: when <5 episodes summary data is suppressed.

# Mean FIM change by impairment code



INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed.

# Casemix-adjusted relative mean FIM change by impairment code



INCLUDES: complete episodes with valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed.

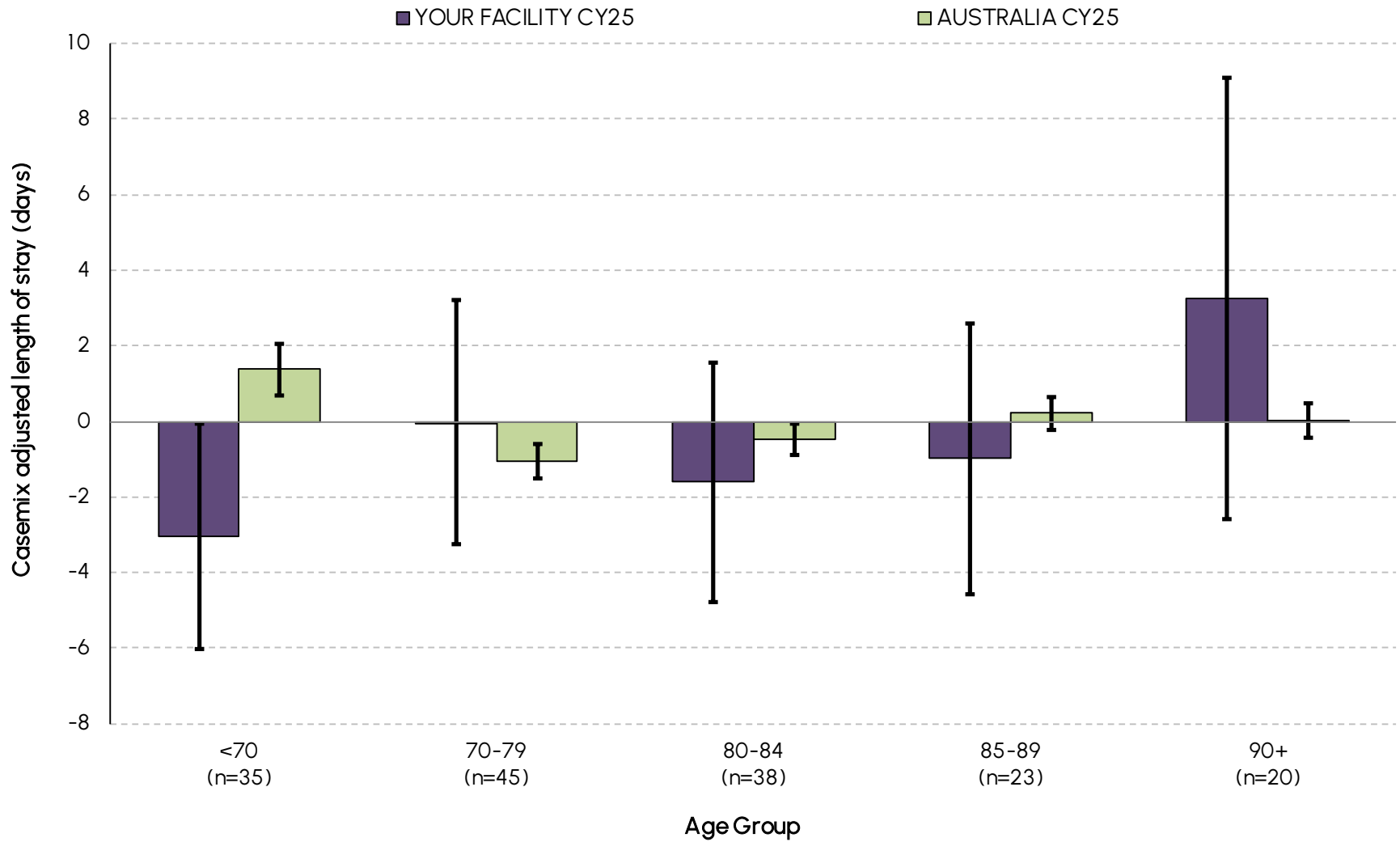
# Casemix-adjusted relative mean and mean length of stay and FIM change by AN-SNAP class and impairment code

AN-SNAP class V5	YOUR FACILITY CY25						AUSTRALIA CY25			
	CARMi (95%CI)			Mean (95%CI)			Mean (95%CI)			
	LOS	FIM change		LOS	FIM change		LOS	FIM change		
5AH1 (motor 48-91, cognition 33-35)	0.7 (-2.4 - 3.9)	-0.2 (-3.0 - 2.5)		15.8 (12.6 - 19.0)	17.2 (14.5 - 20.0)		15.1 (14.7 - 15.4)	17.4 (17.2 - 17.7)		
5AH2 (motor 48-91, cognition 21-32)	-0.8 (-2.6 - 1.1)	-0.8 (-3.5 - 1.9)		16.3 (14.4 - 18.1)	19.1 (16.3 - 21.8)		17.1 (16.7 - 17.4)	19.9 (19.7 - 20.2)		
5AH3 (motor 48-91, cognition 5-20)	—	—		—	—		20.4 (19.1 - 21.6)	20.6 (19.3 - 21.9)		
5AH4 (motor 19-47)	-0.9 (-3.9 - 2.1)	1.6 (-1.6 - 4.9)		24.8 (21.8 - 27.7)	32.7 (29.5 - 36.0)		25.8 (25.4 - 26.2)	31.2 (30.8 - 31.5)		
5AZ3 (motor 13-18, Age ≥ 79)	—	—		—	—		29.2 (27.1 - 31.3)	27.5 (24.8 - 30.2)		
5AZ4 (motor 13-18, Age 18-78)	—	—		—	—		39.0 (34.2 - 43.7)	28.4 (24.7 - 32.1)		
<b>All Fracture AN-SNAP classes</b>	<b>-0.8 (-2.4 - 0.8)</b>	<b>0.8 (-1.0 - 2.7)</b>		<b>19.9 (18.2 - 21.6)</b>	<b>25.0 (22.9 - 27.2)</b>		<b>20.5 (20.3 - 20.7)</b>	<b>24.0 (23.8 - 24.2)</b>		

Impairment code	YOUR FACILITY CY25						AUSTRALIA CY25			
	CARMi (95%CI)			Mean (95%CI)			Mean (95%CI)			
	LOS	FIM change		LOS	FIM change		LOS	FIM change		
8.111 Fracture of hip, unilateral	-1.1 (-3.8 - 1.5)	1.6 (-1.5 - 4.7)		20.4 (17.7 - 23.1)	26.5 (23.0 - 30.1)		20.4 (20.0 - 20.7)	25.1 (24.7 - 25.4)		
8.112 Fracture of hip, bilateral	—	—		—	—		19.4 (16.1 - 22.7)	23.5 (20.9 - 26.2)		
8.12 Fracture of shaft of femur	—	—		—	—		21.7 (20.7 - 22.7)	24.6 (23.6 - 25.5)		
8.13 Fracture of pelvis	-1.4 (-5.7 - 2.8)	2.0 (-6.0 - 10.0)		20.2 (14.9 - 25.6)	27.9 (17.3 - 38.4)		19.5 (18.9 - 20.2)	24.3 (23.6 - 25.0)		
8.141 Fracture of knee	15.8 (5.1 - 26.5)	10.8 (0.2 - 21.4)		39.4 (29.5 - 49.3)	39.2 (25.4 - 53.0)		19.9 (18.6 - 21.3)	22.7 (21.6 - 23.7)		
8.142 Fracture of leg, ankle, foot	0.9 (-5.3 - 7.0)	-2.7 (-6.2 - 0.8)		20.8 (14.2 - 27.4)	20.8 (15.8 - 25.8)		22.0 (21.1 - 22.9)	22.2 (21.5 - 22.9)		
8.15 Fracture of upper limb	-0.3 (-5.8 - 5.2)	-2.7 (-10.7 - 5.4)		20.4 (14.8 - 26.0)	22.2 (13.9 - 30.5)		20.0 (19.3 - 20.7)	22.3 (21.5 - 23.0)		
8.16 Fracture of spine	-3.6 (-7.1 - -0.1)	0.8 (-3.7 - 5.2)		16.0 (12.8 - 19.2)	23.1 (18.8 - 27.3)		19.1 (18.4 - 19.7)	22.5 (21.8 - 23.1)		
8.17 Fracture of multiple sites	-1.6 (-4.6 - 1.4)	1.8 (-1.6 - 5.1)		16.7 (13.5 - 19.9)	23.2 (18.9 - 27.5)		22.7 (21.8 - 23.5)	26.3 (25.6 - 26.9)		
8.19 Other orthopaedic fracture	-4.8 (-8.0 - -1.7)	-1.5 (-8.4 - 5.4)		14.4 (11.7 - 17.2)	21.3 (12.0 - 30.6)		18.9 (18.0 - 19.9)	21.0 (20.3 - 21.7)		
<b>All Orthopaedic Fractures</b>	<b>-0.8 (-2.4 - 0.8)</b>	<b>0.8 (-1.0 - 2.7)</b>		<b>19.9 (18.2 - 21.6)</b>	<b>25.0 (22.9 - 27.2)</b>		<b>20.5 (20.3 - 20.7)</b>	<b>24.0 (23.8 - 24.2)</b>		

INCLUDES: complete episodes with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary.  
DATA SUPPRESSION: when <5 episodes summary data is suppressed

# Casemix-adjusted relative mean length of stay by age group\*

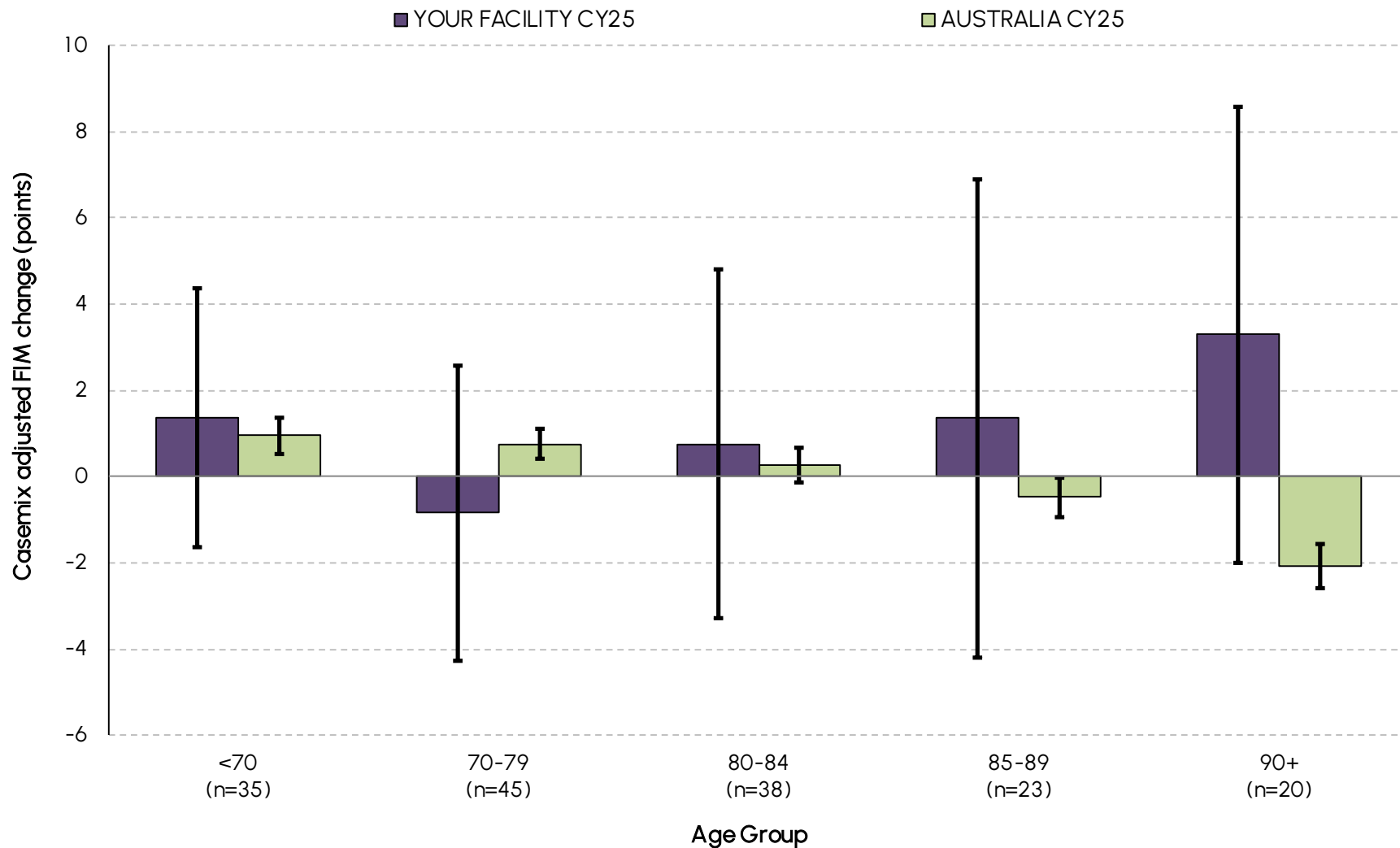


INCLUDES: complete episodes with valid age (15-110), valid LOS (<500 days) and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary

DATA SUPPRESSION: when <5 episodes summary data is suppressed

\* Approximately 20% total population per age group.

# Casemix-adjusted relative mean FIM change by age group\*



INCLUDES: complete episodes with valid age (15-110), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary

DATA SUPPRESSION: when <5 episodes summary data is suppressed

\* Approximately 20% total population per age group.

# Mean and casemix-adjusted relative mean length of stay and FIM change by age group\*

Age group	YOUR FACILITY CY25		AUSTRALIA CY25	
	LOS (95%CI)	FIM change (95%CI)	LOS (95%CI)	FIM change (95%CI)
<70	16.8 (14.1 – 19.6)	23.9 (19.7 – 28.1)	21.0 (20.3 – 21.7)	23.6 (23.0 – 24.1)
70-79	20.1 (16.5 – 23.7)	23.0 (19.1 – 26.9)	19.3 (18.8 – 19.7)	24.2 (23.8 – 24.6)
80-84	18.2 (15.0 – 21.5)	23.8 (19.3 – 28.4)	20.0 (19.5 – 20.4)	24.2 (23.8 – 24.7)
85-89	21.3 (17.3 – 25.4)	28.0 (22.4 – 33.5)	21.3 (20.8 – 21.7)	24.2 (23.7 – 24.7)
90+	26.3 (20.9 – 31.7)	30.5 (24.2 – 36.8)	21.9 (21.4 – 22.4)	23.5 (23.0 – 24.1)

Age group	YOUR FACILITY CY25		AUSTRALIA CY25	
	CARMI LOS (95%CI)	CARMI FIM change (95%CI)	CARMI LOS (95%CI)	CARMI FIM change (95%CI)
<70	-3.0 (-6.0 – 0.0)	1.4 (-1.6 – 4.4)	1.4 (0.7 – 2.1)	1.0 (0.5 – 1.4)
70-79	0.0 (-3.2 – 3.2)	-0.8 (-4.3 – 2.6)	-1.1 (-1.5 – -0.6)	0.8 (0.4 – 1.1)
80-84	-1.6 (-4.8 – 1.6)	0.8 (-3.3 – 4.8)	-0.5 (-0.9 – -0.1)	0.3 (-0.1 – 0.7)
85-89	-1.0 (-4.6 – 2.6)	1.4 (-4.2 – 6.9)	0.2 (-0.2 – 0.7)	-0.5 (-0.9 – 0.0)
90+	3.2 (-2.6 – 9.1)	3.3 (-2.0 – 8.6)	0.0 (-0.5 – 0.5)	-2.1 (-2.6 – -1.5)

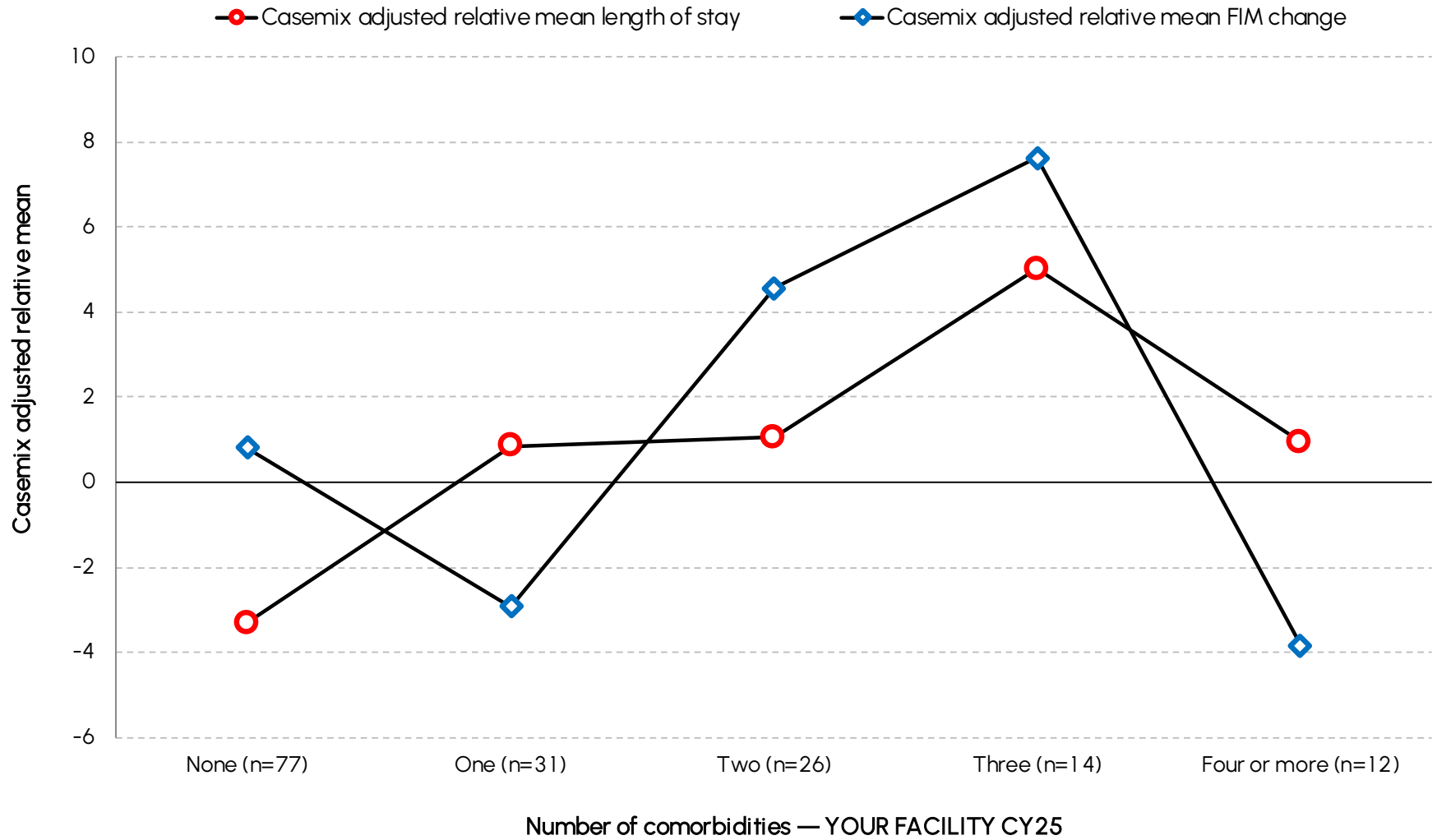
INCLUDES: complete episodes with valid age (15-110), valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary  
DATA SUPPRESSION: when <5 episodes summary data is suppressed.

\* Approximately 20% total population per age group



# Explanatory data

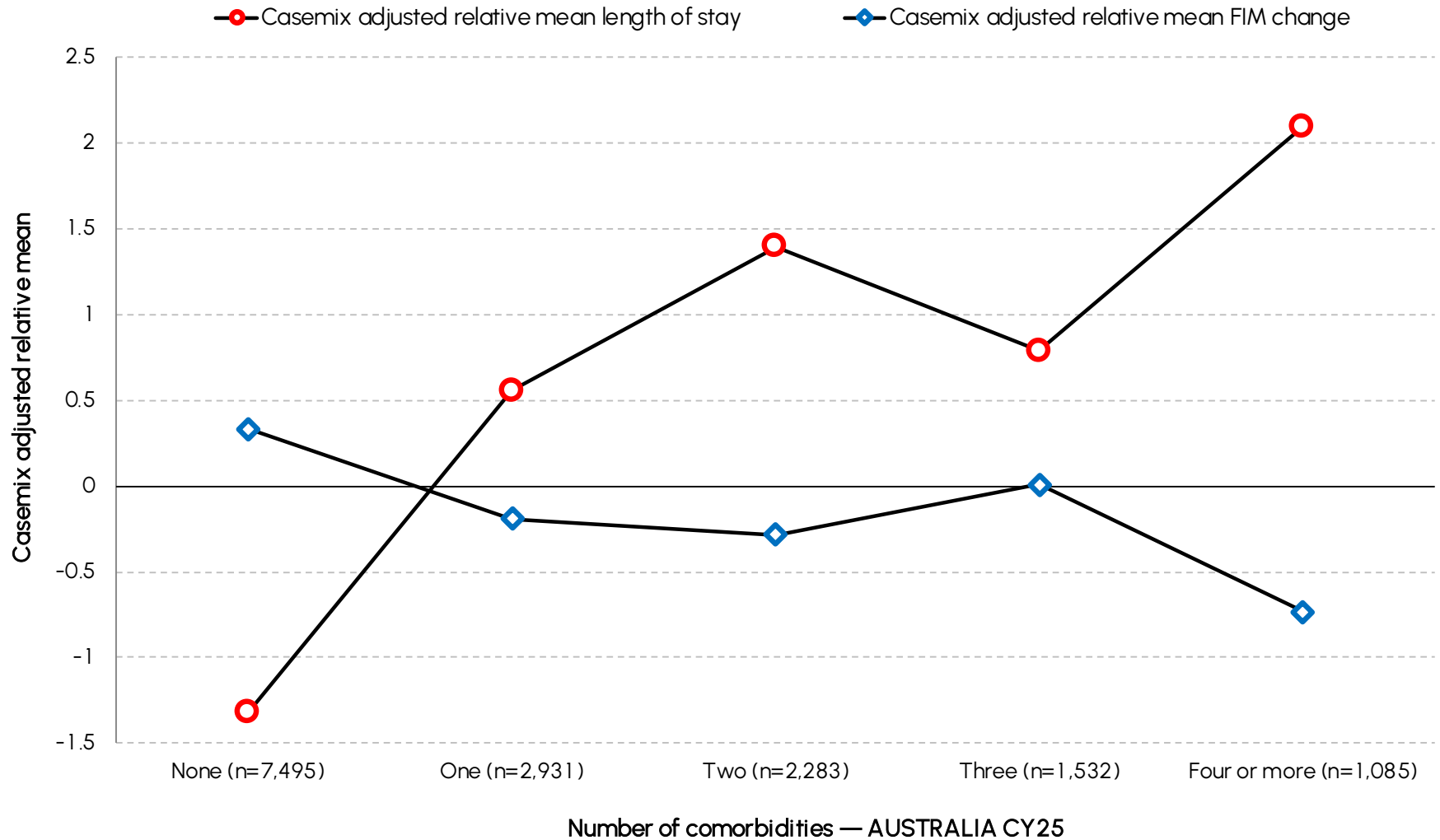
# Casemix-adjusted relative mean length of stay and FIM change by number of comorbidities



INCLUDES: complete episodes with valid LOS (<500 days), valid FIM score, a groupable AN-SNAP class (not 599A) and reported comorbidities. The definition of a complete episode can be found in the glossary.

DATA SUPPRESSION: when <5 episodes summary data is suppressed

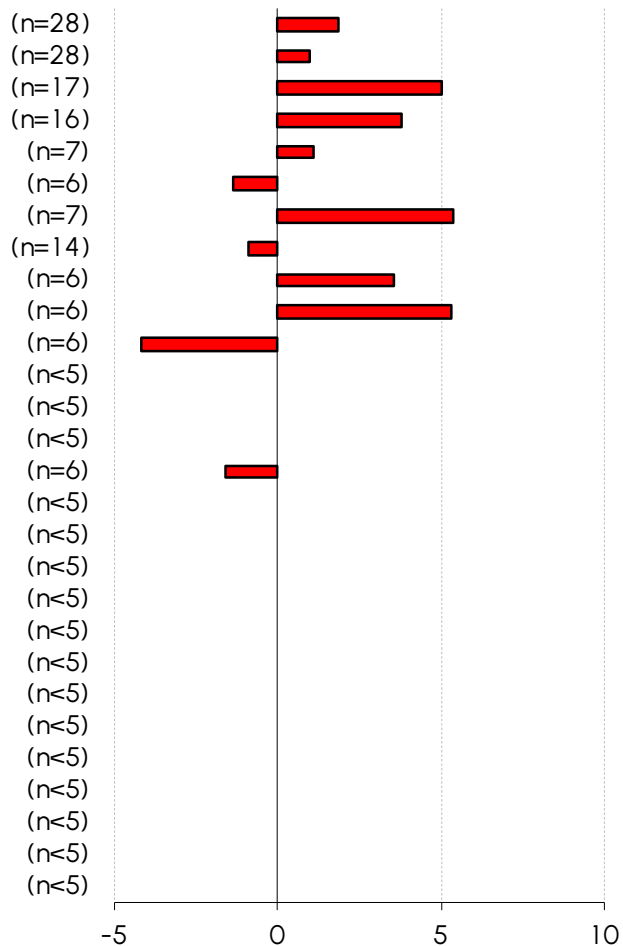
# Casemix-adjusted relative mean length of stay and FIM change by number of comorbidities



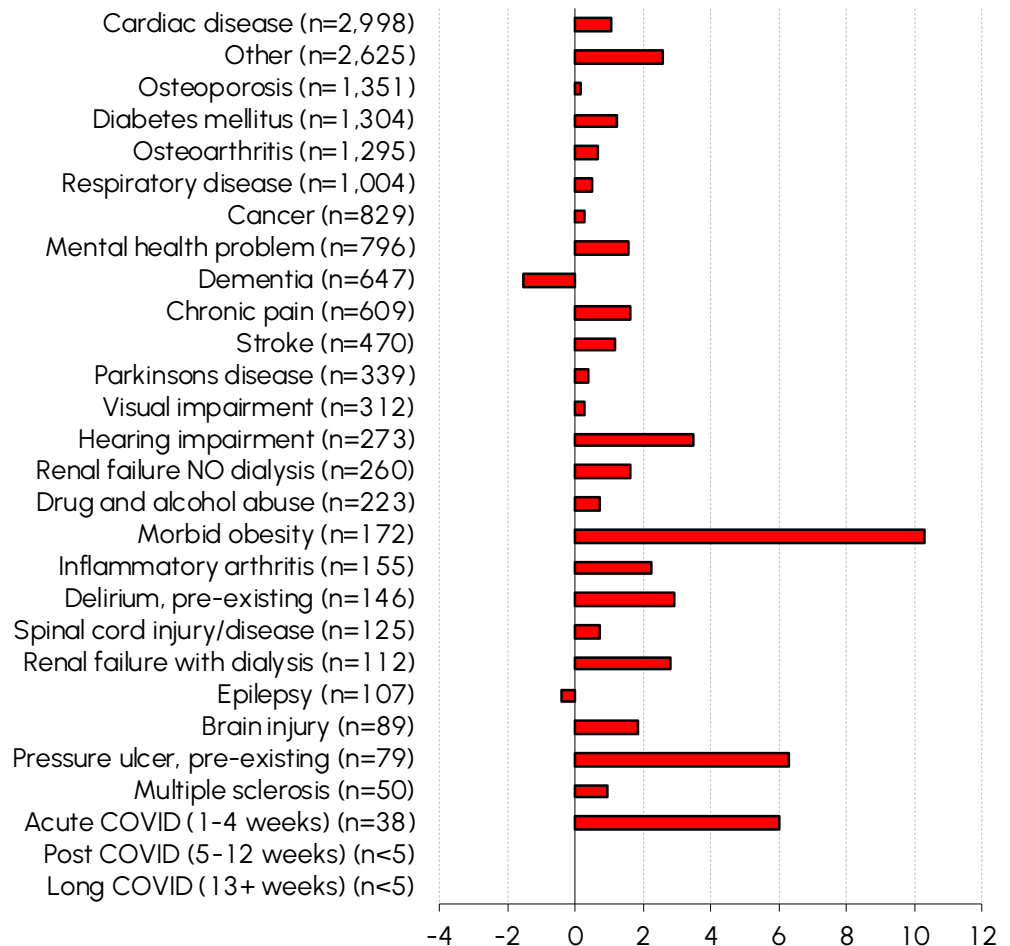
INCLUDES: complete episodes with valid LOS (<500 days), valid FIM score, a groupable AN-SNAP class (not 599A) and reported comorbidities. The definition of a complete episode can be found in the glossary.

DATA SUPPRESSION: when <5 episodes summary data is suppressed

# Casemix-adjusted relative mean length of stay by type of comorbidity



CARMIL OS — YOUR FACILITY CY25



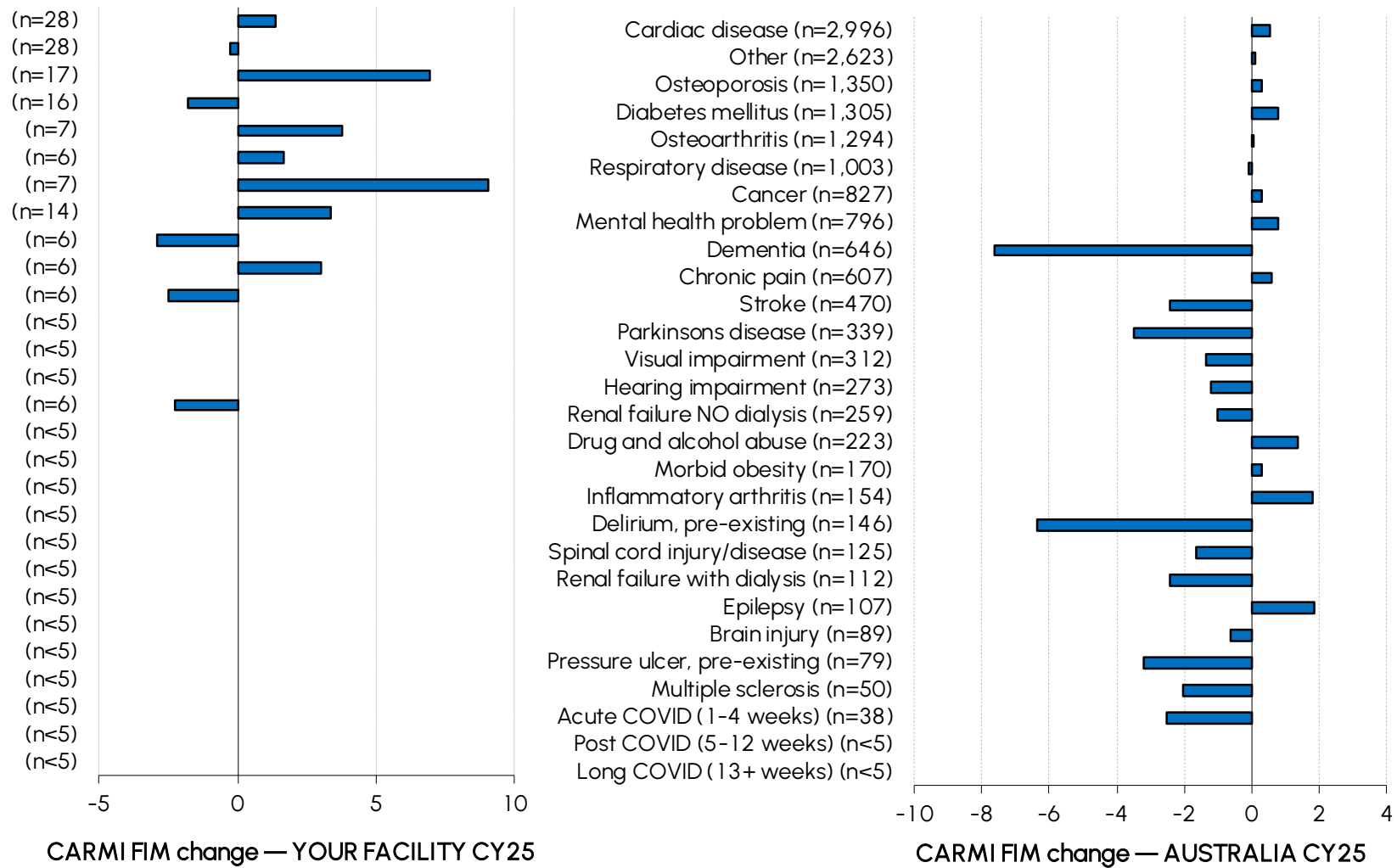
CARMIL OS — AUSTRALIA CY25

INCLUDES: complete episodes with valid LOS (<500 days), valid FIM score, a groupable AN-SNAP class (not 599A) and reported comorbidities. The definition of a complete episode can be found in the glossary.

DATA SUPPRESSION: when <5 episodes summary data is suppressed

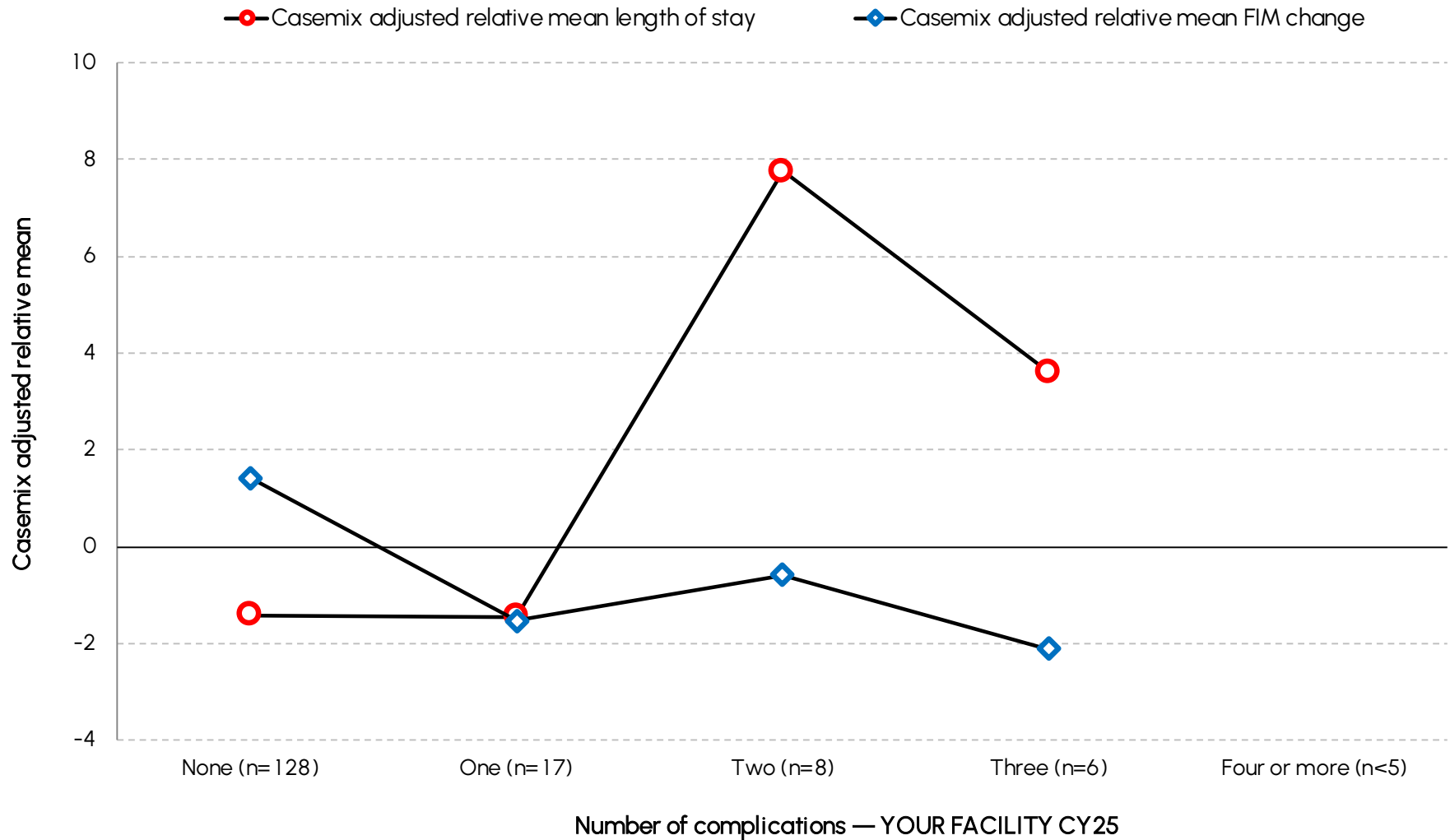
NOTE: When comparing between Your Facility and National please be aware that the X-axis are not the same

# Casemix-adjusted relative mean FIM change by type of comorbidity



INCLUDES: complete episodes with valid LOS (<500 days), valid FIM score, a groupable AN-SNAP class (not 599A) and reported comorbidities. The definition of a complete episode can be found in the glossary.  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed  
 NOTE: When comparing between Your Facility and National please be aware that the X-axis are not the same

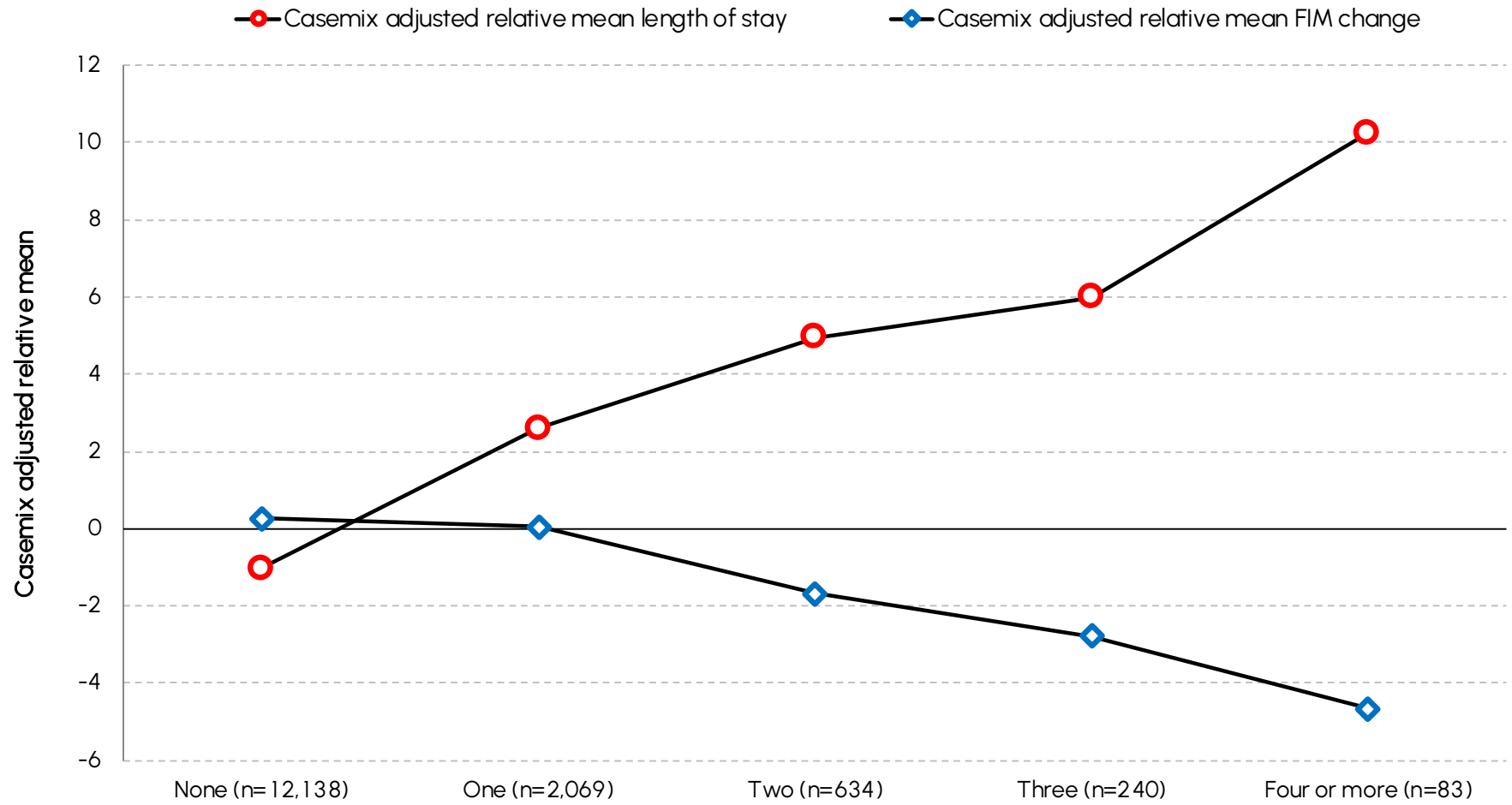
# Casemix-adjusted relative mean length of stay and FIM change by number of complications



INCLUDES: complete episodes with valid LOS (<500 days), valid FIM score, a groupable AN-SNAP class (not 599A) and reported complications. The definition of a complete episode can be found in the glossary at the end of this report.

DATA SUPPRESSION: when <5 episodes summary data is suppressed

# Casemix-adjusted relative mean length of stay and FIM change by number of complications

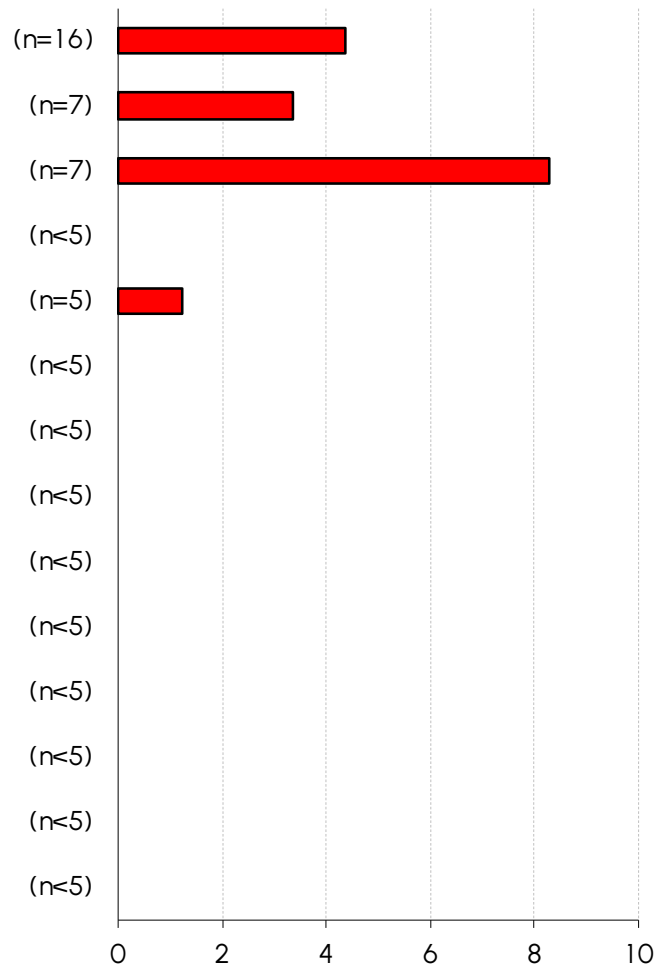


Number of complications — AUSTRALIA CY25

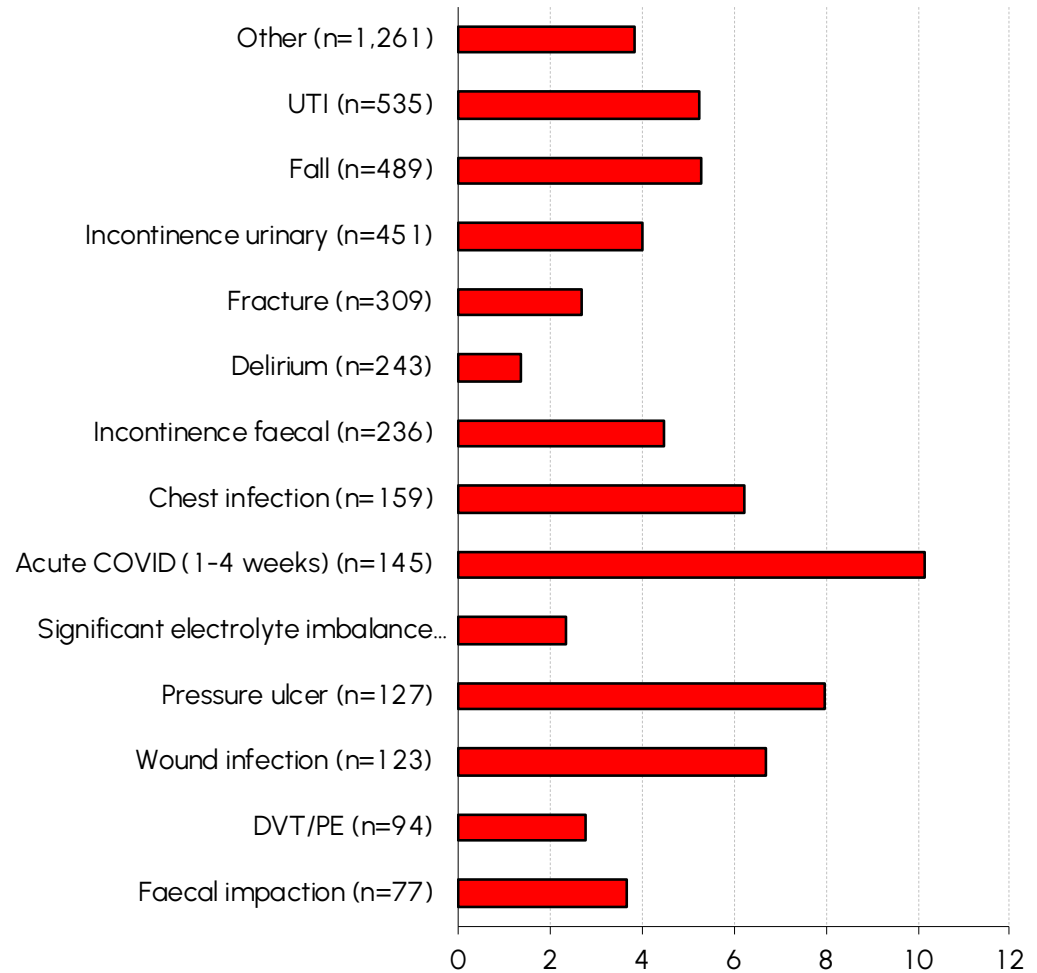
INCLUDES: complete episodes with valid LOS (<500 days), valid FIM score, a groupable AN-SNAP class (not 599A) and reported complications. The definition of a complete episode can be found in the glossary at the end of this report.

DATA SUPPRESSION: when <5 episodes summary data is suppressed

# Casemix-adjusted relative mean length of stay by type of complication



**CARMIL OS — YOUR FACILITY CY25**



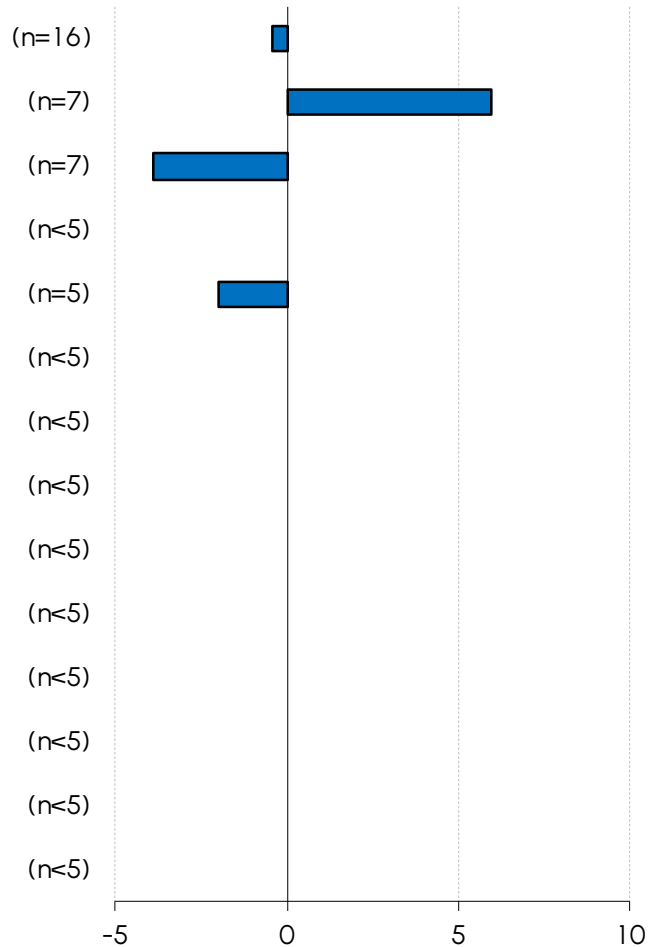
**CARMIL OS — AUSTRALIA CY25**

INCLUDES: complete episodes with valid LOS (<=500 days), valid FIM score, a groupable AN-SNAP class (not 599A) and reported complications. The definition of a complete episode can be found in the glossary.

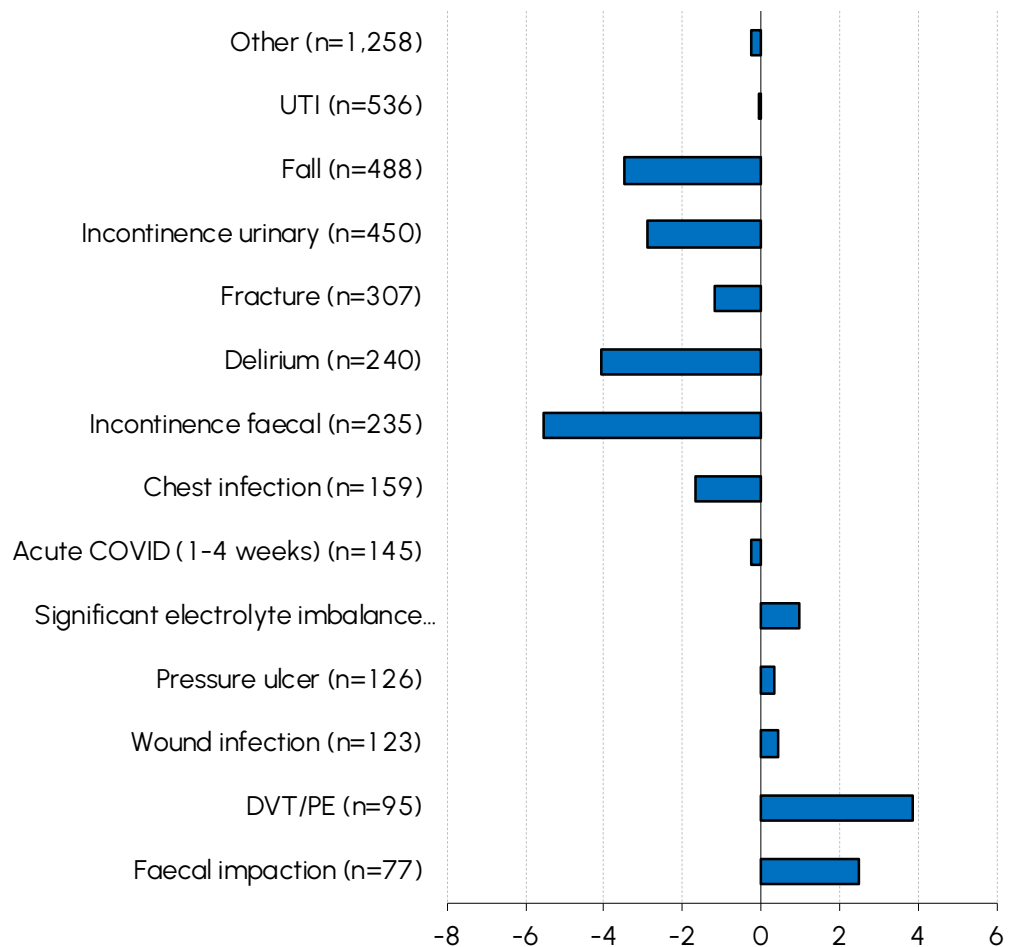
DATA SUPPRESSION: when <5 episodes summary data is suppressed

NOTE: When comparing between Your Facility and National please be aware that the X-axis are not the same

# Casemix-adjusted relative mean FIM change by type of complication



CARMi FIM change — YOUR FACILITY CY25



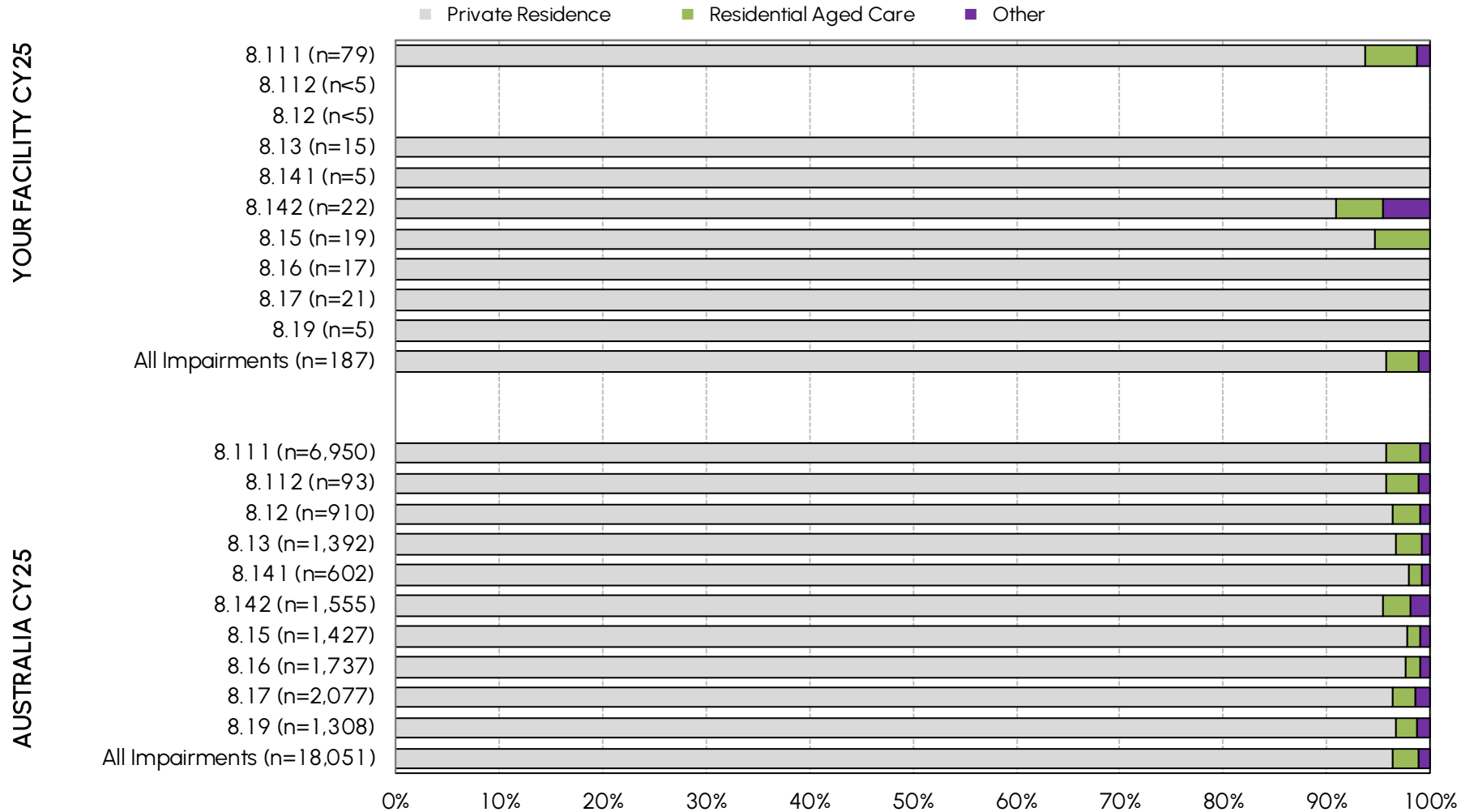
CARMi FIM change — AUSTRALIA CY25

INCLUDES: complete episodes with valid LOS (<500 days), valid FIM score, a groupable AN-SNAP class (not 599A) and reported complications. The definition of a complete episode can be found in the glossary.

DATA SUPPRESSION: when <5 episodes summary data is suppressed

NOTE: When comparing between Your Facility and National please be aware that the X-axis are not the same

# Type of accommodation prior to impairment



INCLUDES: Episodes that reported a prior accommodation  
DATA SUPPRESSION: when <5 episodes summary data is suppressed

Proportion of episodes

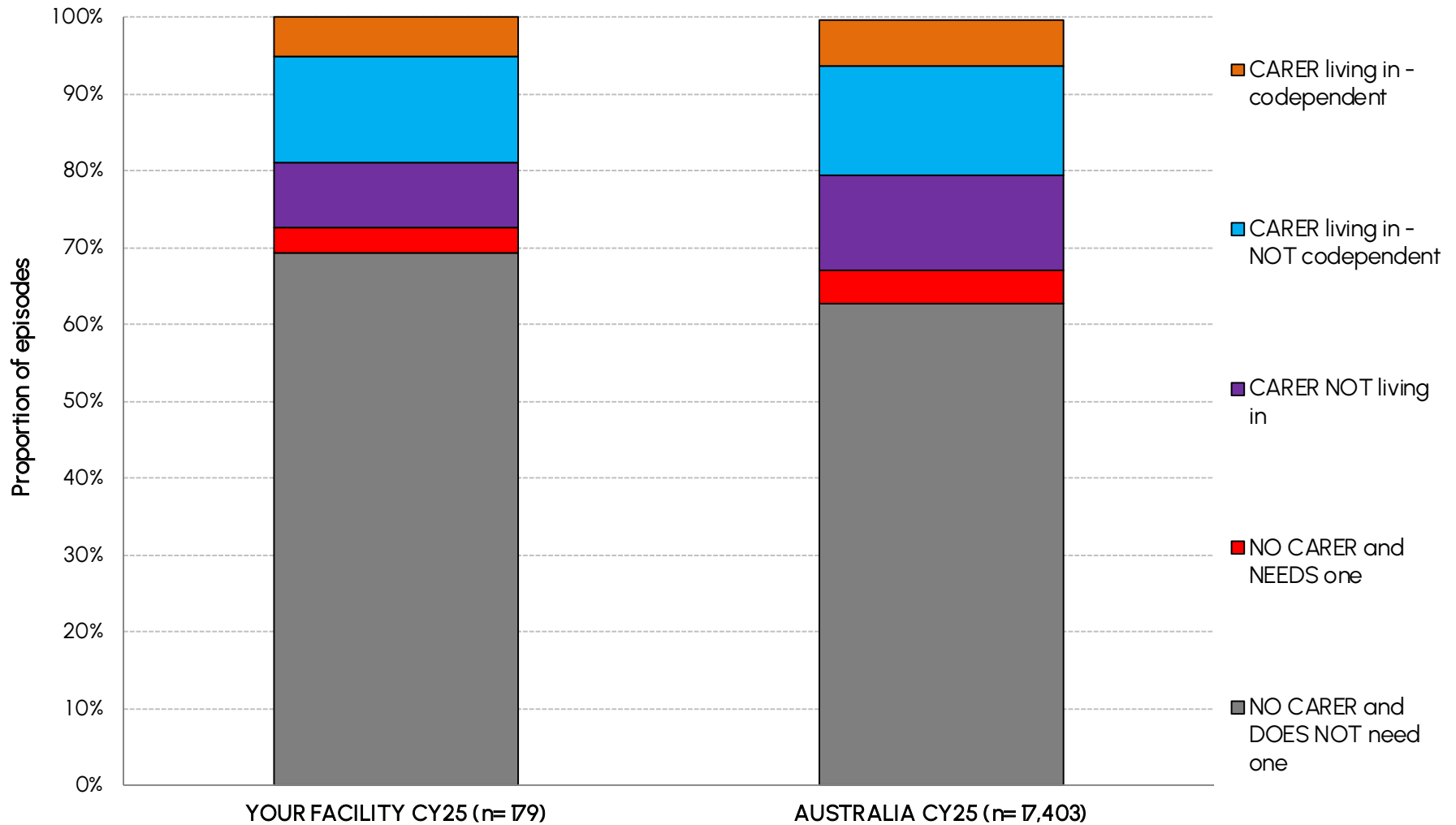
# Type of accommodation prior to impairment

Impairment code	YOUR FACILITY CY25 — N (%)				
	Private residence	Residential Aged Care	Other	Unknown	All episodes
8.111 Fracture of hip, unilateral	74 (93.7)	4 (5.1)	1 (1.3)	0 (0.0)	79 (100.0)
8.112 Fracture of hip, bilateral	0 —	0 —	0 —	0 —	0 —
8.12 Fracture of shaft of femur	4 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	4 (100.0)
8.13 Fracture of pelvis	15 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	15 (100.0)
8.141 Fracture of knee	5 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	5 (100.0)
8.142 Fracture of leg, ankle, foot	20 (90.9)	1 (4.5)	1 (4.5)	0 (0.0)	22 (100.0)
8.15 Fracture of upper limb	18 (94.7)	1 (5.3)	0 (0.0)	0 (0.0)	19 (100.0)
8.16 Fracture of spine	17 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	17 (100.0)
8.17 Fracture of multiple sites	21 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	21 (100.0)
8.19 Other orthopaedic fracture	5 (71.4)	0 (0.0)	0 (0.0)	2 (28.6)	7 (100.0)
<b>All Orthopaedic Fractures</b>	<b>179 (94.7)</b>	<b>6 (3.2)</b>	<b>2 (1.1)</b>	<b>2 (1.1)</b>	<b>189 (100.0)</b>

Impairment code	AUSTRALIA CY25 — N (%)				
	Private residence	Residential Aged Care	Other	Unknown	All episodes
8.111 Fracture of hip, unilateral	6,657 (95.4)	222 (3.2)	71 (1.0)	30 (0.4)	6,980 (100.0)
8.112 Fracture of hip, bilateral	89 (93.7)	(n<5) —	(n<5) —	(n<5) —	95 (100.0)
8.12 Fracture of shaft of femur	877 (96.2)	24 (2.6)	9 (1.0)	(n<5) —	912 (100.0)
8.13 Fracture of pelvis	1,347 (95.9)	34 (2.4)	11 (0.8)	12 (0.9)	1,404 (100.0)
8.141 Fracture of knee	590 (96.6)	7 (1.1)	5 (0.8)	9 (1.5)	611 (100.0)
8.142 Fracture of leg, ankle, foot	1,484 (94.8)	42 (2.7)	29 (1.9)	10 (0.6)	1,565 (100.0)
8.15 Fracture of upper limb	1,395 (97.1)	18 (1.3)	14 (1.0)	9 (0.6)	1,436 (100.0)
8.16 Fracture of spine	1,697 (97.1)	23 (1.3)	17 (1.0)	10 (0.6)	1,747 (100.0)
8.17 Fracture of multiple sites	2,003 (95.4)	44 (2.1)	30 (1.4)	22 (1.0)	2,099 (100.0)
8.19 Other orthopaedic fracture	1,264 (94.4)	28 (2.1)	16 (1.2)	31 (2.3)	1,339 (100.0)
<b>All Orthopaedic Fractures</b>	<b>17,403 (95.7)</b>	<b>445 (2.4)</b>	<b>203 (1.1)</b>	<b>137 (0.8)</b>	<b>18,188 (100.0)</b>

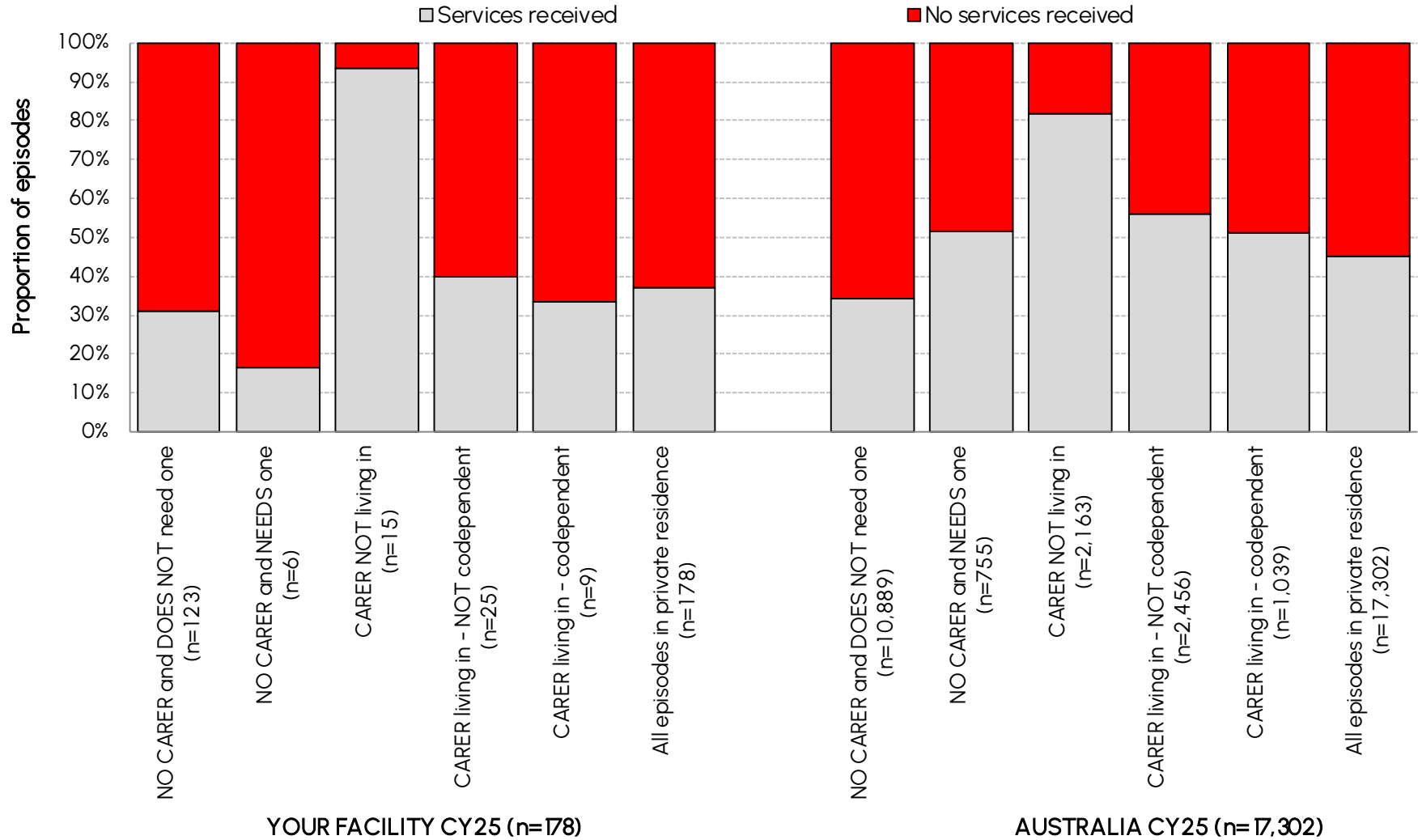
DATA SUPPRESSION: when <5 episodes summary data is suppressed

# Carer status prior to impairment



INCLUDES: episodes coming from private residence and with known carer status

# Any services received prior to impairment by carer status



INCLUDES: episodes coming from private residence with known carer status and services received prior completed  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed

# Carer status and any services received prior to impairment

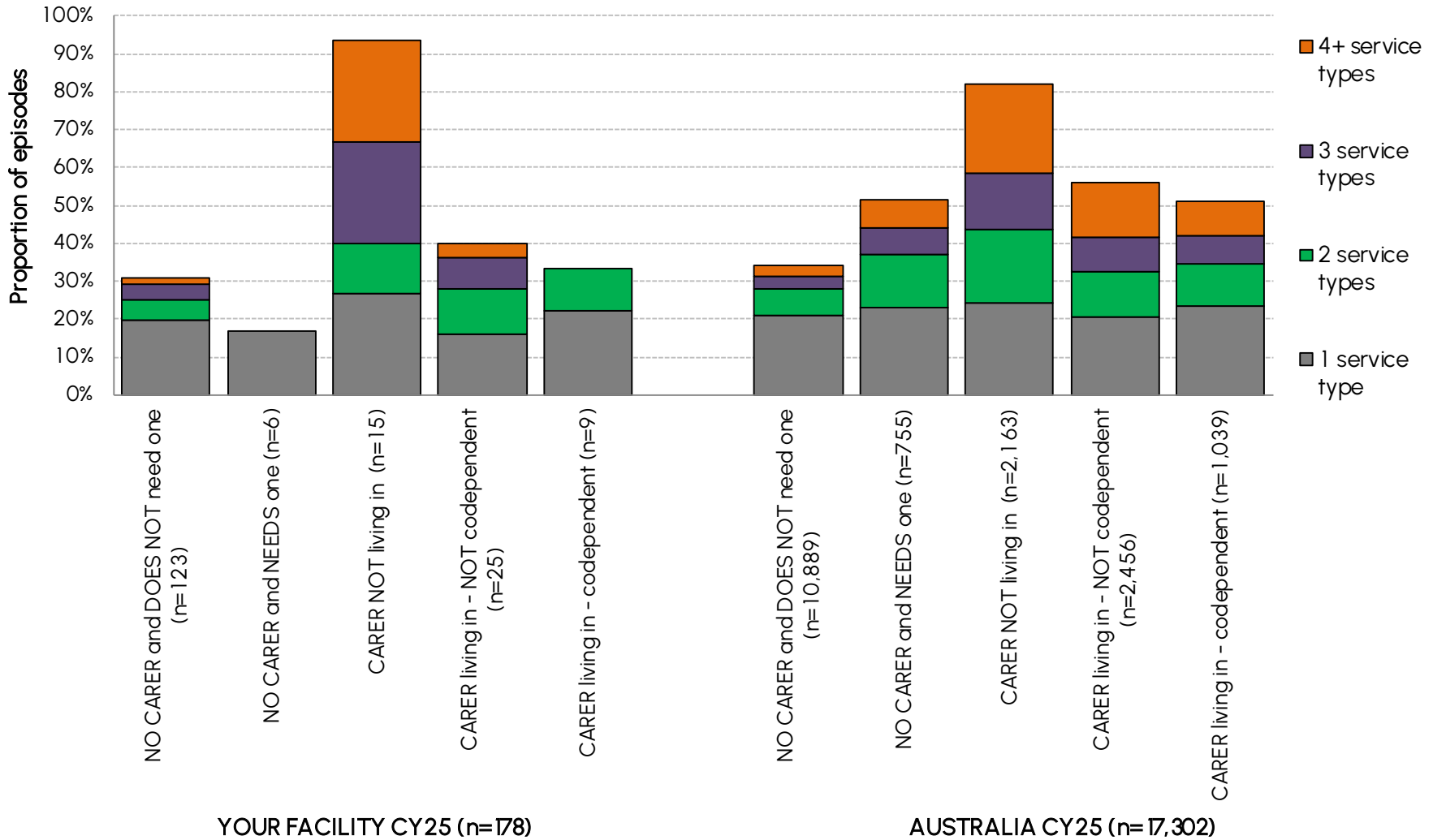
Carer status prior to this impairment	YOUR FACILITY CY25		AUSTRALIA CY25	
	N	%	N	%
NO CARER and DOES NOT need one	124	69.3	10,915	63.0
NO CARER and NEEDS one	6	3.4	755	4.4
CARER NOT living in	15	8.4	2,163	12.5
CARER living in - NOT codependent	25	14.0	2,456	14.2
CARER living in - codependent	9	5.0	1,039	6.0
Missing	0		75	
<b>All episodes in private residence</b>	<b>179</b>	<b>100.0</b>	<b>17,403</b>	<b>100.0</b>

Carer status prior to this impairment	Any services received prior to this impairment?			
	YOUR FACILITY CY25		AUSTRALIA CY25	
	Yes (%)	No (%)	Yes (%)	No (%)
NO CARER and DOES NOT need one	30.9	69.1	34.1	65.9
NO CARER and NEEDS one	16.7	83.3	51.5	48.5
CARER NOT living in	93.3	6.7	81.9	18.1
CARER living in - NOT codependent	40.0	60.0	56.1	43.9
CARER living in - codependent	33.3	66.7	51.2	48.8
<b>All episodes in private residence</b>	<b>37.1</b>	<b>62.9</b>	<b>45.0</b>	<b>55.0</b>

INCLUDES: episodes coming from private residence with known carer status and services received prior completed

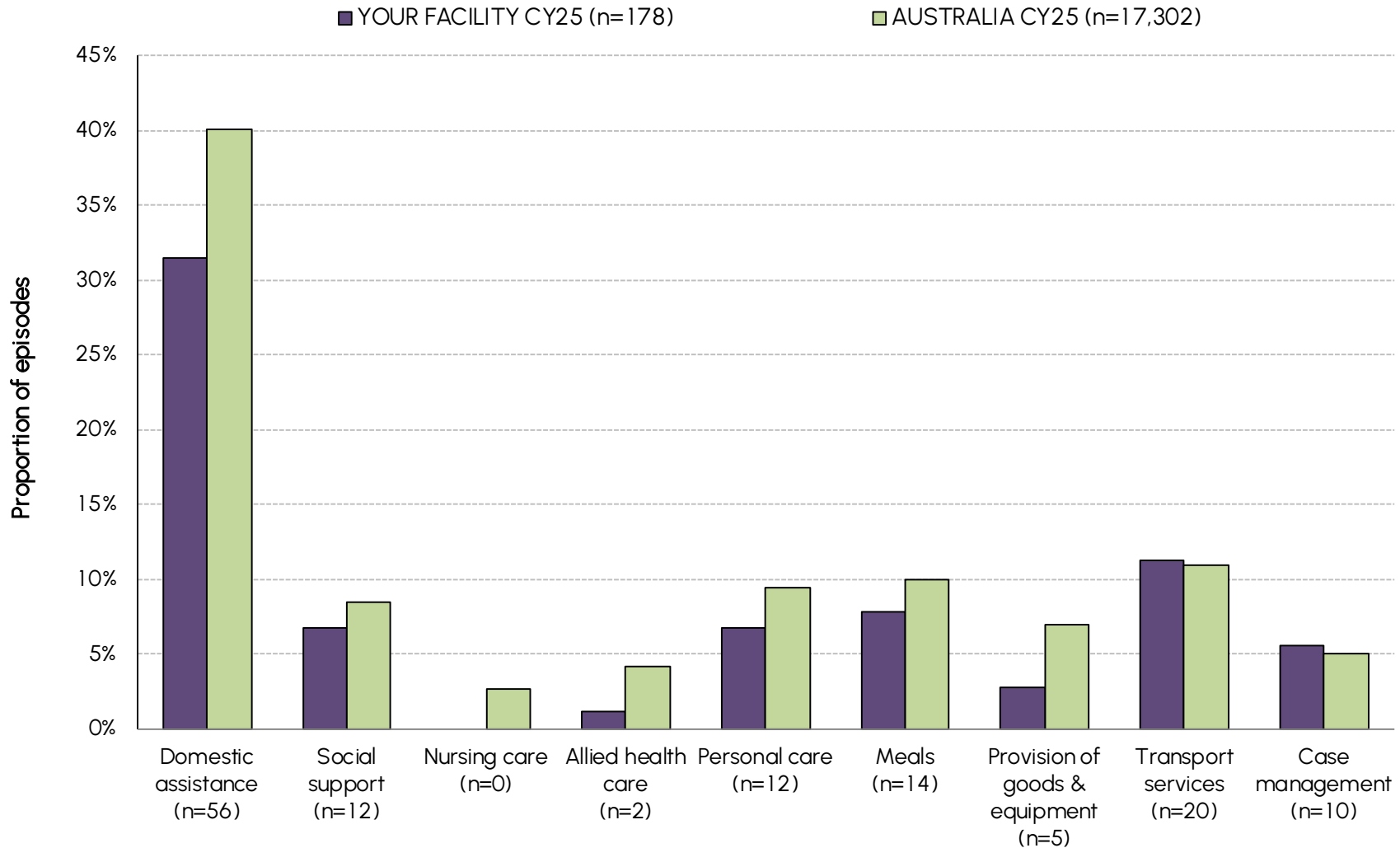
DATA SUPPRESSION: when <5 episodes summary data is suppressed

# Number of services received prior to impairment by carer status



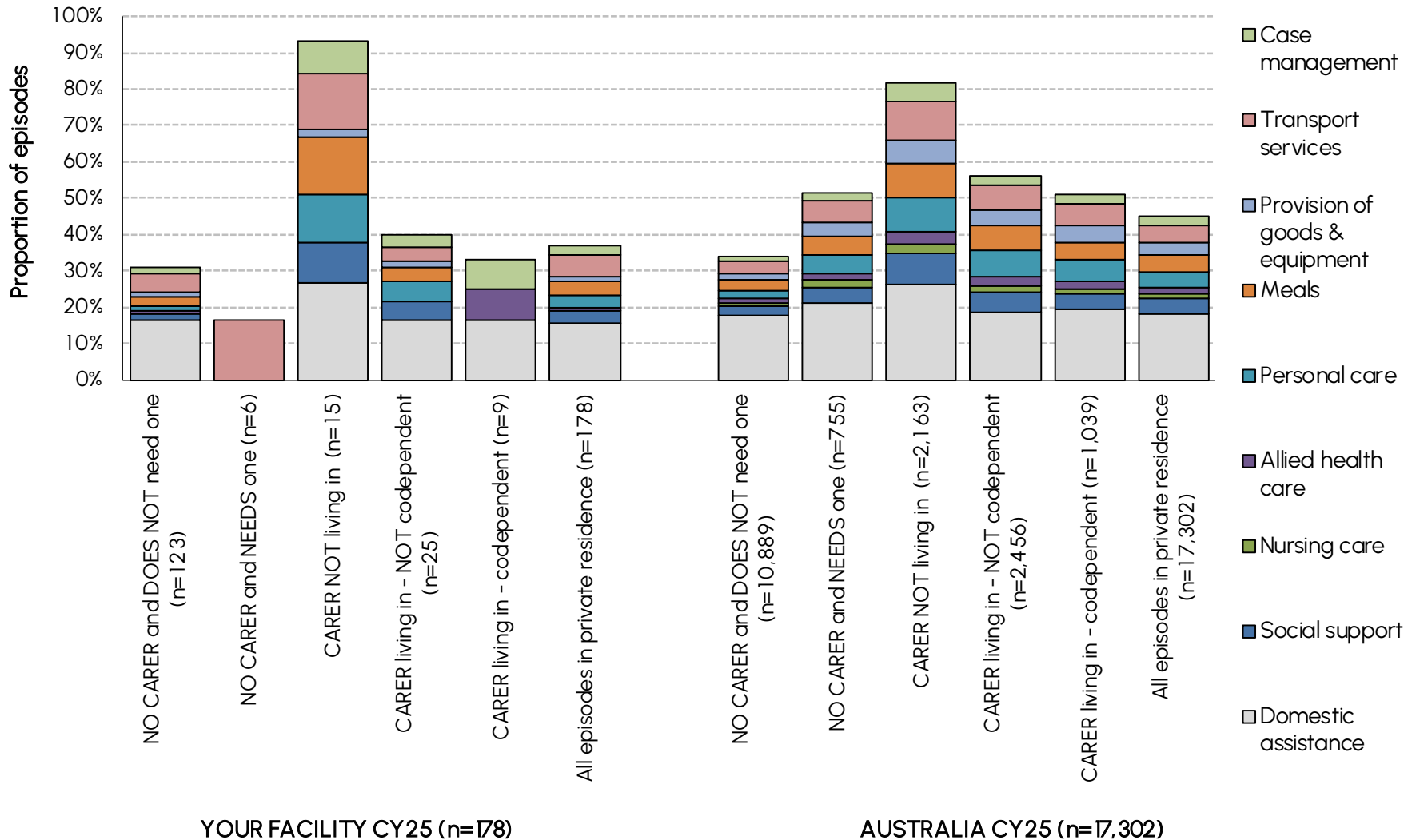
INCLUDES: episodes coming from private residence with known carer status and services received prior completed  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed

# Type of services received prior to impairment



INCLUDES: episodes coming from private residence with services received prior completed  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed

# Type of services received prior to impairment by carer status



INCLUDES: episodes coming from private residence with known carer status and services received prior completed  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed

# Number and type of services received prior to impairment by carer status

Services received prior to this impairment	Carer status prior to discharge - YOUR FACILITY CY25						All episodes in private residence
	NO CARER and DOES NOT need one	NO CARER and NEEDS one	CARER NOT living in	CARER living in - NOT codependent	CARER living in - codependent		
Number of episodes in private residence	123	6	15	25	9	<b>178</b>	
<b>Percent of episodes receiving:</b>							
No services	69.1	83.3	6.7	60.0	66.7	<b>62.9</b>	
1 service type	19.5	16.7	26.7	16.0	22.2	<b>19.7</b>	
2 service types	5.7	0.0	13.3	12.0	11.1	<b>7.3</b>	
3 service types	4.1	0.0	26.7	8.0	0.0	<b>6.2</b>	
4 or more service types	1.6	0.0	26.7	4.0	0.0	<b>3.9</b>	
<b>Service Type received</b>							
Domestic assistance	26.8	0.0	80.0	36.0	22.2	<b>31.5</b>	
Social support	3.3	0.0	33.3	12.0	0.0	<b>6.7</b>	
Nursing care	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>	
Allied health care	0.8	0.0	0.0	0.0	11.1	<b>1.1</b>	
Personal care	2.4	0.0	40.0	12.0	0.0	<b>6.7</b>	
Meals	4.1	0.0	46.7	8.0	0.0	<b>7.9</b>	
Provision of goods & equipment	2.4	0.0	6.7	4.0	0.0	<b>2.8</b>	
Transport services	8.1	16.7	46.7	8.0	0.0	<b>11.2</b>	
Case management	2.4	0.0	26.7	8.0	11.1	<b>5.6</b>	

INCLUDES: episodes coming from private residence with known carer status and services received prior completed

DATA SUPPRESSION: when <5 episodes summary data is suppressed

# Number and type of services received prior to impairment by carer status

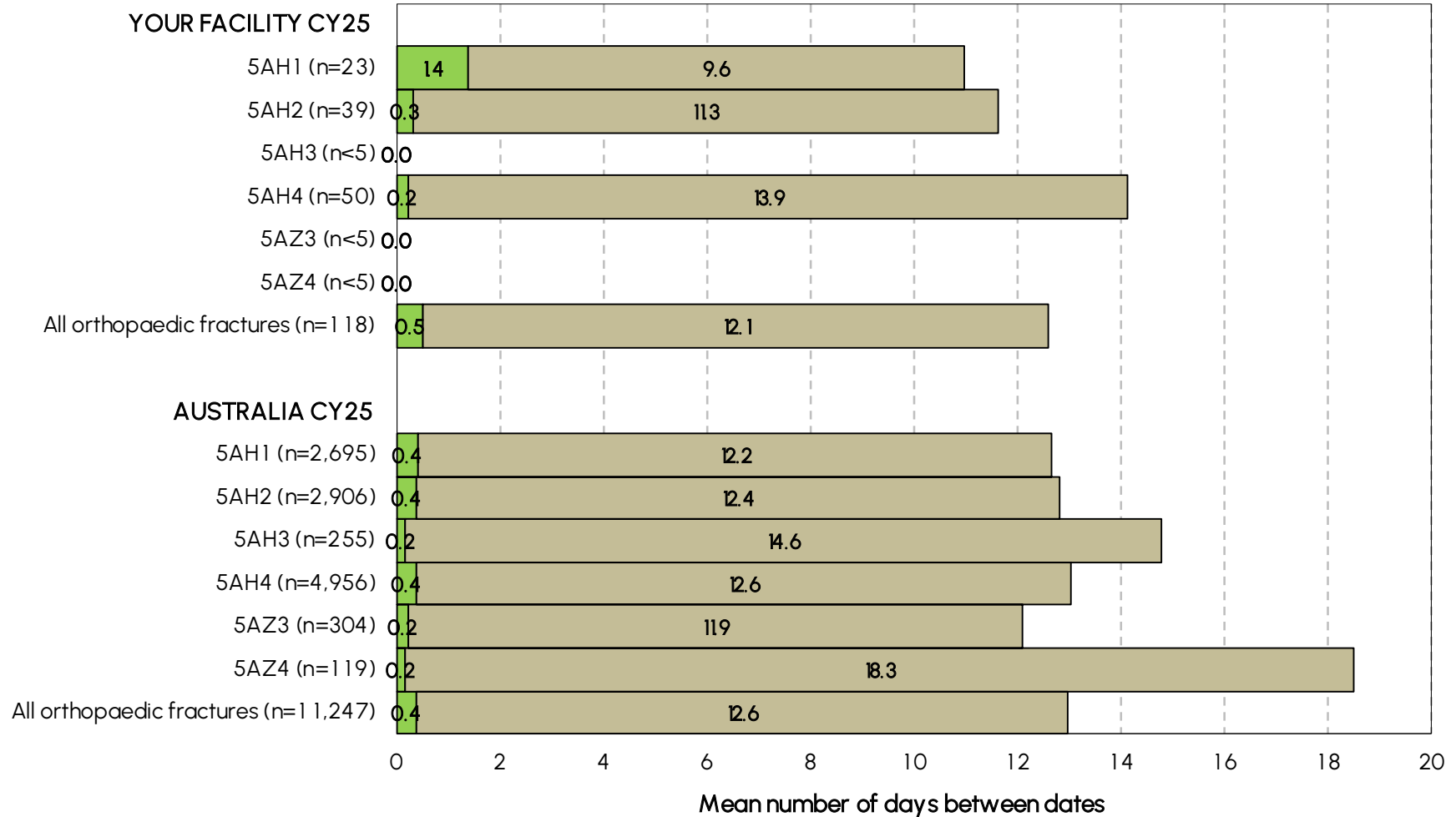
Carer status prior to discharge - AUSTRALIA CY25						
Services received prior to this impairment	NO CARER and DOES NOT need one	NO CARER and NEEDS one	CARER NOT living in	CARER living in - NOT codependent	CARER living in - codependent	All episodes in private residence
Number of episodes in private residence	10,889	755	2,163	2,456	1,039	<b>17,302</b>
<b>Percent of episodes receiving:</b>						
No services	65.9	48.5	18.1	43.9	48.8	<b>55.0</b>
1 service type	20.8	23.2	24.1	20.4	23.6	<b>21.4</b>
2 service types	7.2	13.8	19.4	12.3	10.8	<b>9.9</b>
3 service types	3.5	7.3	15.0	8.8	7.8	<b>6.1</b>
4 or more service types	2.7	7.2	23.4	14.6	9.0	<b>7.6</b>
<b>Service Type received</b>						
Domestic assistance	30.8	45.0	73.4	47.8	44.9	<b>40.0</b>
Social support	3.9	9.0	23.9	14.5	9.2	<b>8.5</b>
Nursing care	1.3	4.2	7.3	4.0	3.1	<b>2.7</b>
Allied health care	2.4	4.1	9.8	7.0	4.4	<b>4.2</b>
Personal care	3.6	10.5	26.3	18.8	13.4	<b>9.5</b>
Meals	5.0	10.9	26.4	17.1	11.3	<b>10.0</b>
Provision of goods & equipment	3.1	7.9	18.4	11.7	10.4	<b>6.9</b>
Transport services	5.6	13.2	28.9	17.1	13.5	<b>11.0</b>
Case management	2.5	4.2	15.2	6.6	6.4	<b>5.0</b>

INCLUDES: episodes coming from private residence with known carer status and services received prior completed

DATA SUPPRESSION: when <5 episodes summary data is suppressed

# Days from injury to episode start with an acute admission by AN-SNAP class

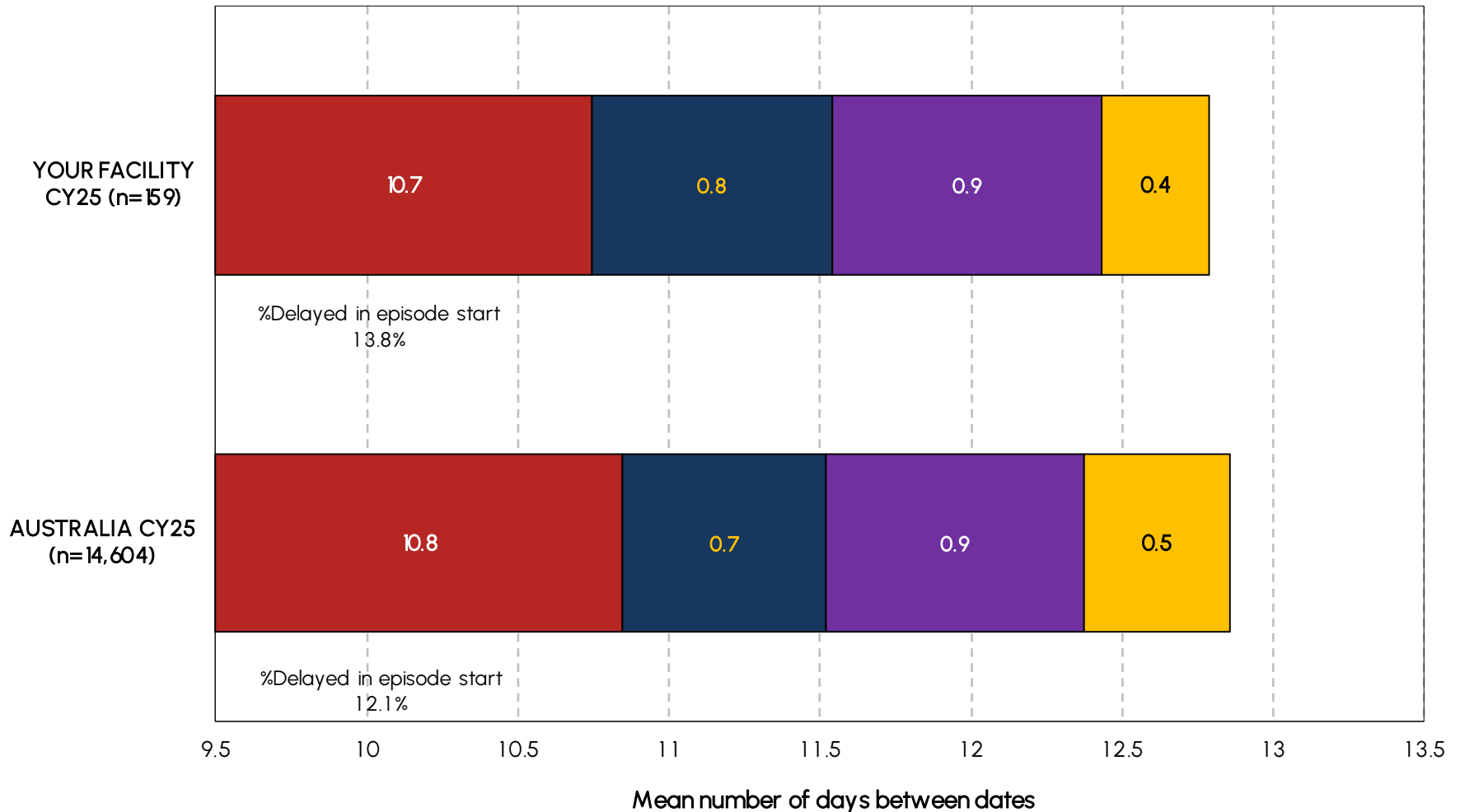
■ Injury to acute admission     
 ■ Acute admission to rehabilitation episode start



INCLUDES: first direct care admission episodes with valid date of onset, valid date of acute admission, valid episodes start date.  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

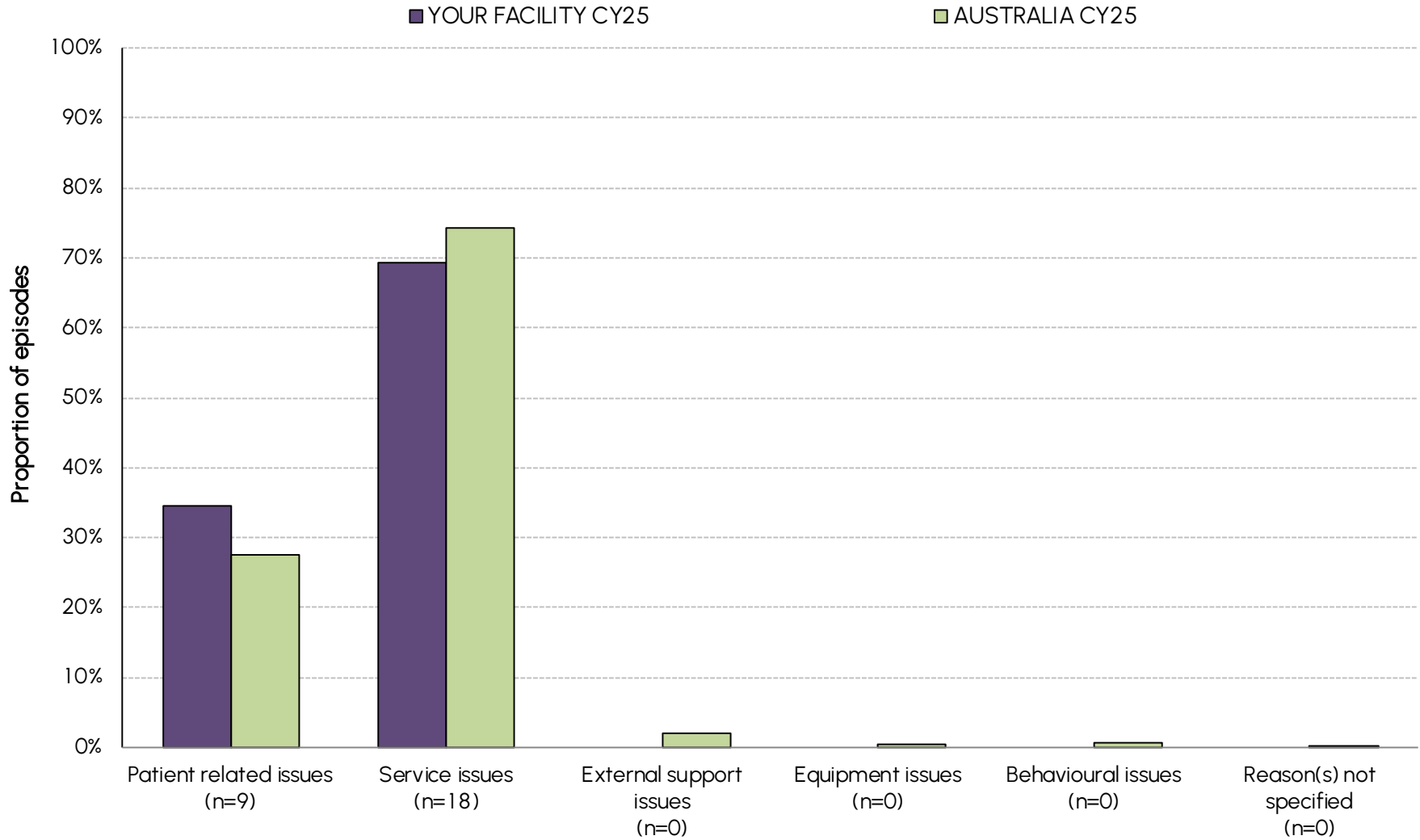
# Days from referral to rehabilitation episode start

■ Injury to referral   
 ■ Referral to assessment   
 ■ Assessment to clinically rehab ready   
 ■ Clinically rehab ready to rehab episode start



INCLUDES: first direct care admission episodes with valid date of onset, valid referral date, valid assessment date, valid clinically rehabilitation ready date and valid episodes start date  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Reasons for delay in episode start



INCLUDES: episodes with a delay in episode start

# Summary of delays in episode start

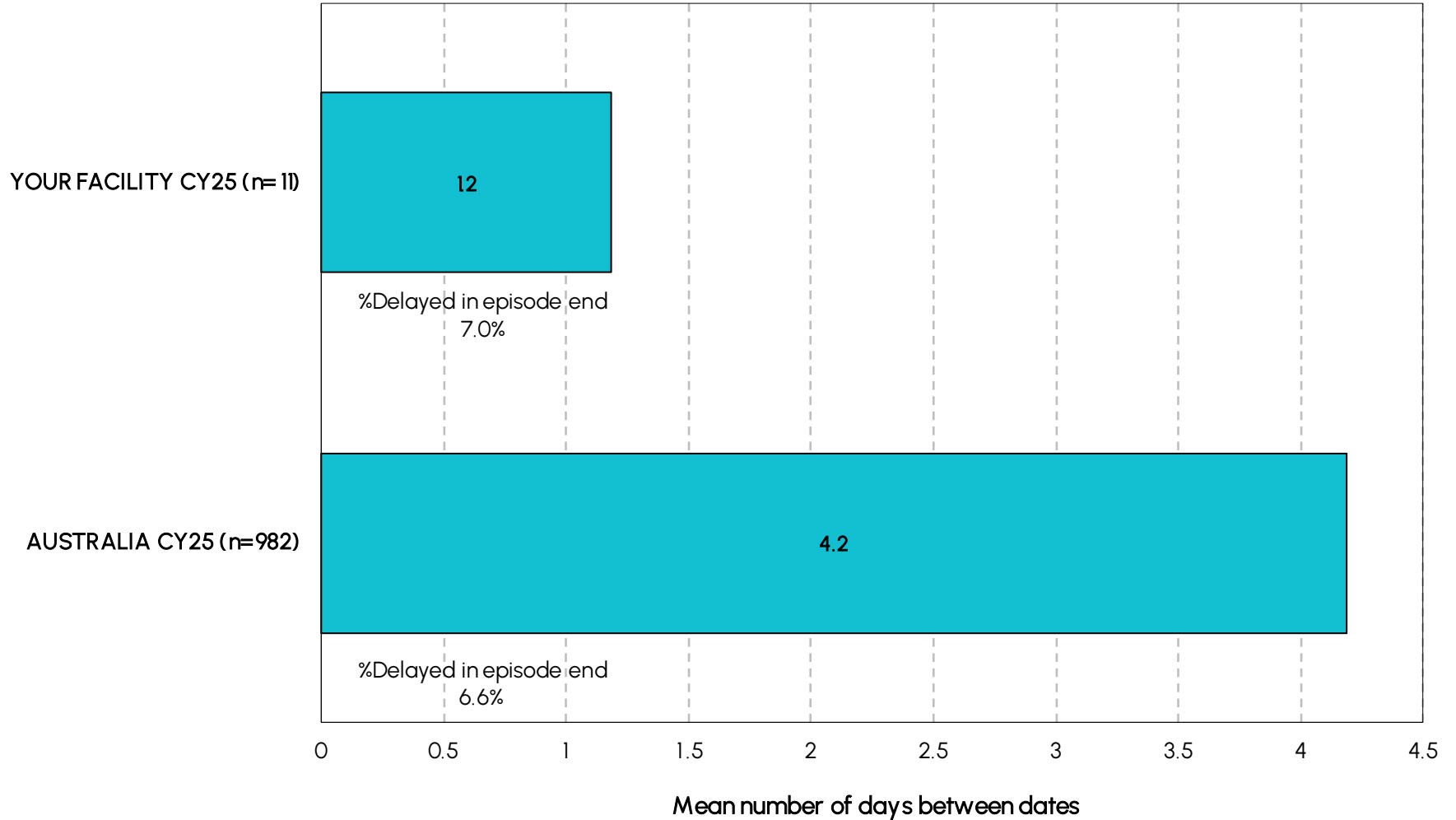
Delay in episode start	YOUR FACILITY CY25		AUSTRALIA CY25	
	N	%	N	%
No delay	162	86.2	15,814	87.9
Delay in episode start	26	13.8	2,168	12.1
Missing	1		206	
<b>All episodes</b>	<b>189</b>	<b>100.0</b>	<b>18,188</b>	<b>100.0</b>

Reasons for delay in episode start	YOUR FACILITY CY25		AUSTRALIA CY25	
	N	%	N	%
Patient related issues	9	34.6	599	27.6
Service issues	18	69.2	1,610	74.3
External support issues	0	0.0	42	1.9
Equipment issues	0	0.0	9	0.4
Behavioural issues	0	0.0	15	0.7
Reason(s) not specified	0	0.0	5	0.2

DATA SUPPRESSION: when <5 episodes in NATIONAL data counts and summary data is suppressed

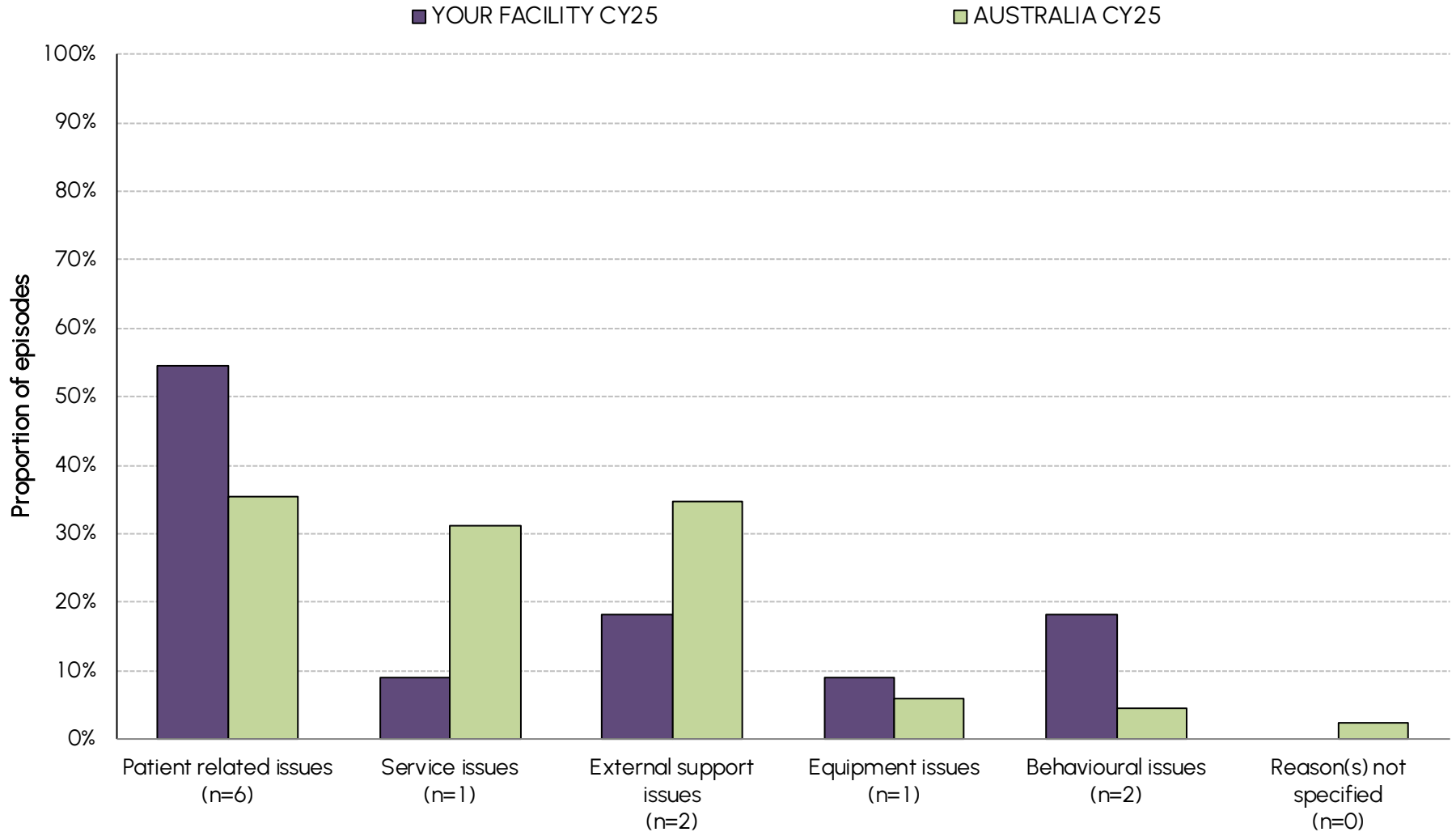
# Days from community ready to discharge

■ Community ready to episode end (where a delay was reported)



INCLUDES: complete episodes with valid community ready date, episode end date and a recorded delay in discharge.  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Reasons for delay in discharge



INCLUDES: complete episodes with recorded delay in episode end.  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Summary of reasons for delays in episode end

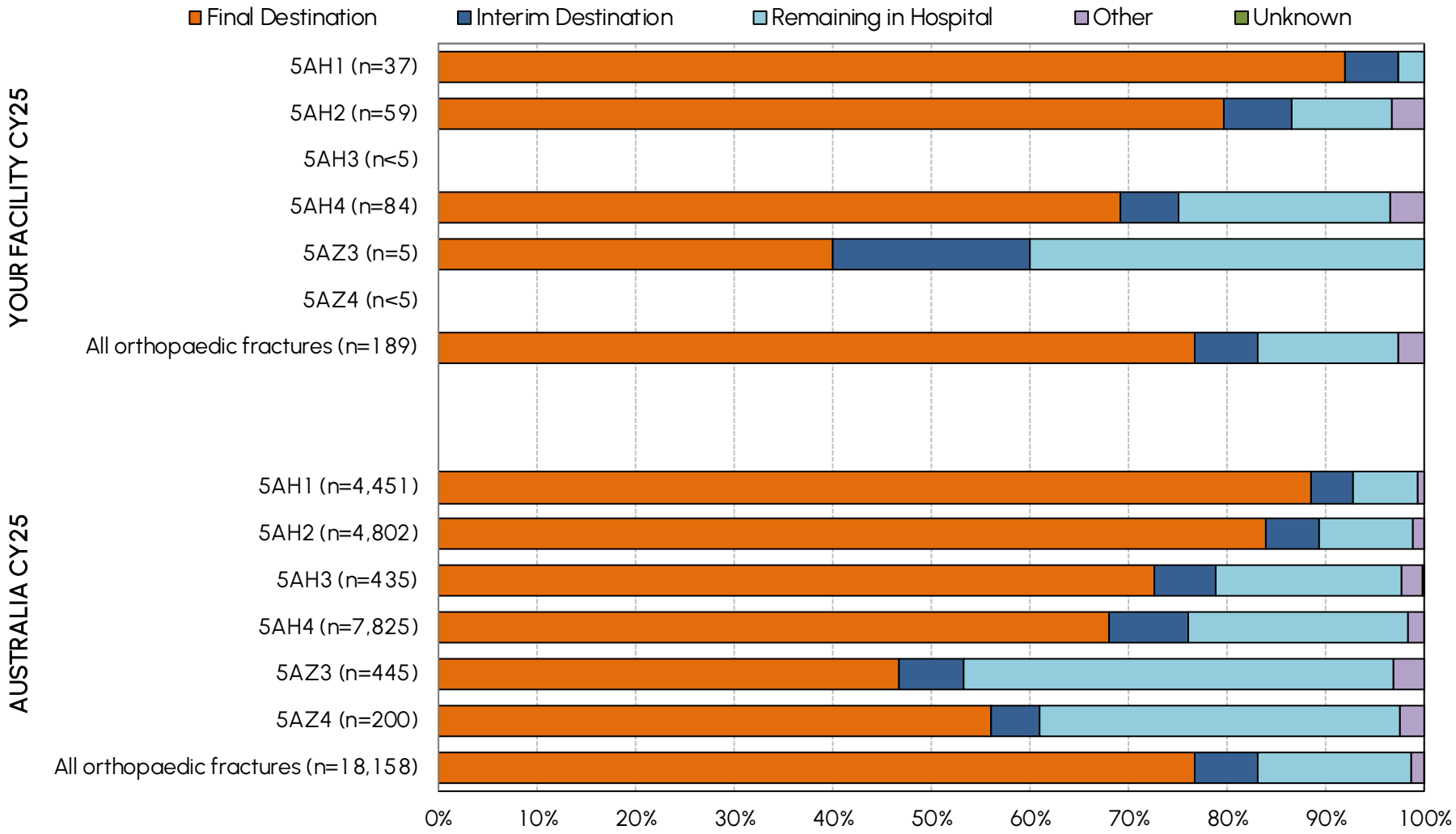
Delay in episode end	YOUR FACILITY CY25		AUSTRALIA CY25	
	N	%	N	%
No delay	147	93.0	14,166	93.4
Delay in episode end	11	7.0	1,008	6.6
Missing	2		140	
<b>All episodes</b>	<b>160</b>	<b>100.0</b>	<b>15,314</b>	<b>100.0</b>

Reasons for delay in episode end	YOUR FACILITY CY25		AUSTRALIA CY25	
	N	%	N	%
Patient related issues	6	54.5	358	35.5
Service issues	1	9.1	315	31.3
External support issues	2	18.2	350	34.7
Equipment issues	1	9.1	59	5.9
Behavioural issues	2	18.2	46	4.6
Reason(s) not specified	0	0.0	24	2.4

INCLUDES: complete episodes

DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Mode of episode end by AN-SNAP class



INCLUDES: episodes with a groupable AN-SNAP class (not 599A) and completed mode of episode end  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Mode of episode end by AN-SNAP class

AN-SNAP class V5	YOUR FACILITY CY25 — N					AUSTRALIA CY25 — N				
	Final Destination	Interim Destination	Remaining in Hospital	Other	Unknown	Final Destination	Interim Destination	Remaining in Hospital	Other	Unknown
5AH1 (motor 48-91, cognition 33-35)	34	2	1	0	0	3,940	185	297	29	0
5AH2 (motor 48-91, cognition 21-32)	47	4	6	2	0	4,028	263	451	58	(n<5)
5AH3 (motor 48-91, cognition 5-20)	2	0	0	0	0	316	27	82	9	(n<5)
5AH4 (motor 19-47)	58	5	18	3	0	5,315	635	1,744	122	9
5AZ3 (motor 13-18, Age ≥ 79)	2	1	2	0	0	208	29	194	14	0
5AZ4 (motor 13-18, Age 18-78)	2	0	0	0	0	112	10	73	5	0
<b>All Fracture AN-SNAP classes</b>	<b>145</b>	<b>12</b>	<b>27</b>	<b>5</b>	<b>0</b>	<b>13,919</b>	<b>1,149</b>	<b>2,841</b>	<b>237</b>	<b>12</b>

AN-SNAP class V5	YOUR FACILITY CY25 — %					AUSTRALIA CY25 — %				
	Final Destination	Interim Destination	Remaining in Hospital	Other	Unknown	Final Destination	Interim Destination	Remaining in Hospital	Other	Unknown
5AH1 (motor 48-91, cognition 33-35)	91.9	5.4	2.7	0.0	0.0	88.5	4.2	6.7	0.7	0.0
5AH2 (motor 48-91, cognition 21-32)	79.7	6.8	10.2	3.4	0.0	83.9	5.5	9.4	1.2	(n<5)
5AH3 (motor 48-91, cognition 5-20)	100.0	0.0	0.0	0.0	0.0	72.6	6.2	18.9	2.1	(n<5)
5AH4 (motor 19-47)	69.0	6.0	21.4	3.6	0.0	67.9	8.1	22.3	1.6	0.1
5AZ3 (motor 13-18, Age ≥ 79)	40.0	20.0	40.0	0.0	0.0	46.7	6.5	43.6	3.1	0.0
5AZ4 (motor 13-18, Age 18-78)	100.0	0.0	0.0	0.0	0.0	56.0	5.0	36.5	2.5	0.0
<b>All Fracture AN-SNAP classes</b>	<b>76.7</b>	<b>6.3</b>	<b>14.3</b>	<b>2.6</b>	<b>0.0</b>	<b>76.7</b>	<b>6.3</b>	<b>15.6</b>	<b>1.3</b>	<b>0.1</b>

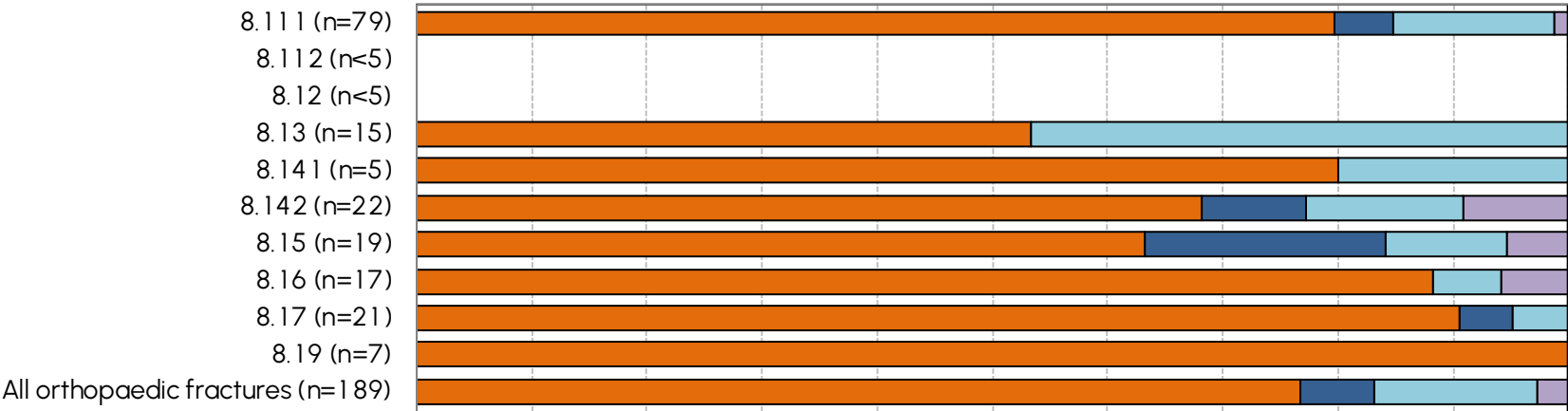
INCLUDES: episodes with a groupable AN-SNAP class (not 599A) and completed mode of episode end

DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

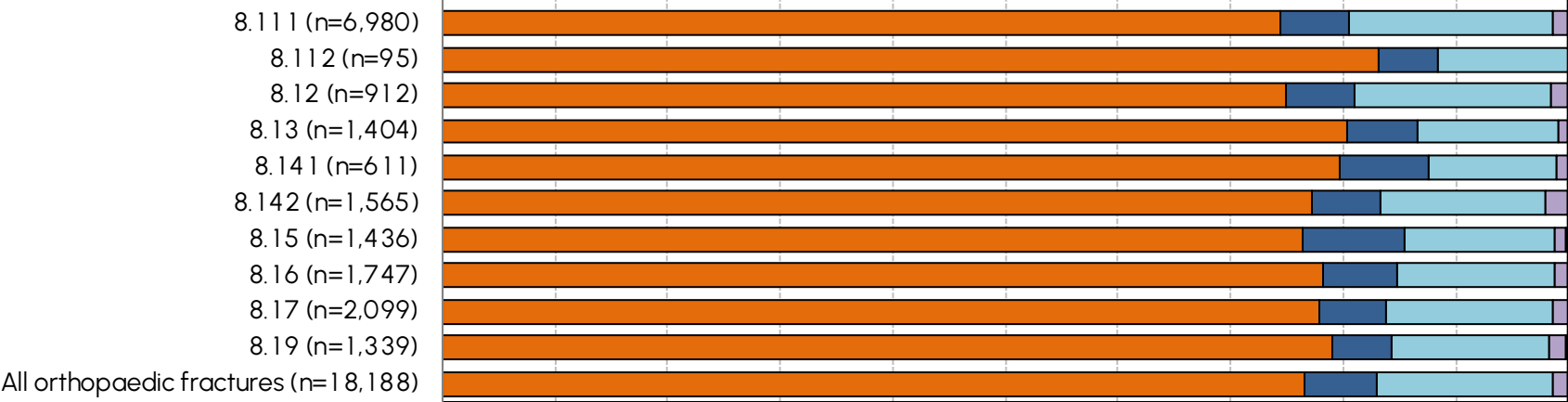
# Mode of episode end by impairment code

■ Final Destination    
 ■ Interim Destination    
 ■ Remaining in Hospital    
 ■ Other    
 ■ Unknown

YOUR FACILITY CY25



AUSTRALIA CY25



0%    10%    20%    30%    40%    50%    60%    70%    80%    90%    100%

Proportion of episodes

INCLUDES: episodes with a completed mode of episode end  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Mode of episode end by impairment code

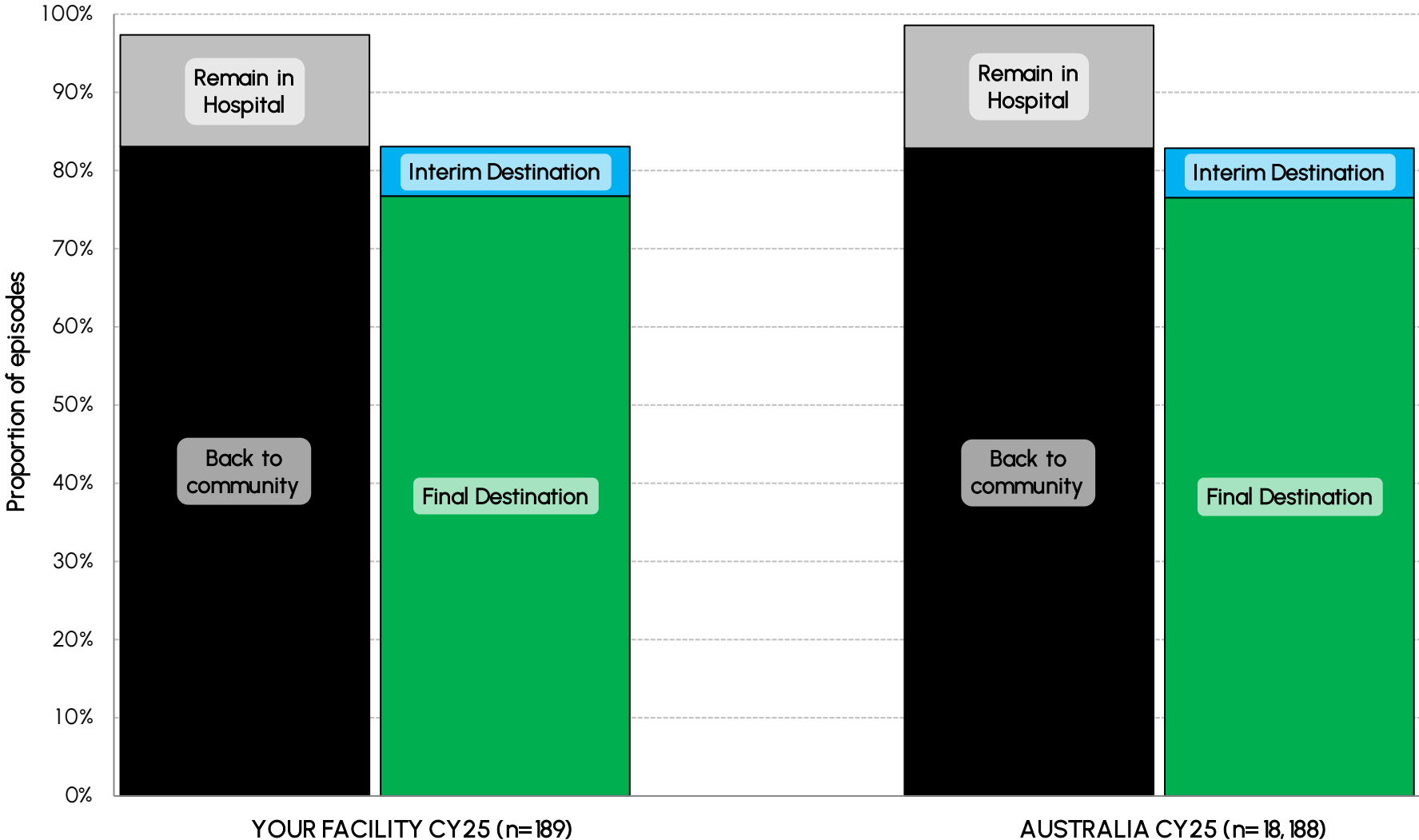
Impairment code	YOUR FACILITY CY25 — N					AUSTRALIA CY25 — N				
	Final Destination	Interim Destination	Remaining in Hospital	Other	Unknown	Final Destination	Interim Destination	Remaining in Hospital	Other	Unknown
8.111 Fracture of hip, unilateral	63	4	11	1	0	5,198	420	1,263	93	6
8.112 Fracture of hip, bilateral	0	0	0	0	0	79	5	11	0	0
8.12 Fracture of shaft of femur	2	1	1	0	0	683	56	159	13	(n<5)
8.13 Fracture of pelvis	8	0	7	0	0	1,128	87	176	12	(n<5)
8.141 Fracture of knee	4	0	1	0	0	487	48	70	6	0
8.142 Fracture of leg, ankle, foot	15	2	3	2	0	1,209	94	231	30	(n<5)
8.15 Fracture of upper limb	12	4	2	1	0	1,096	131	191	15	(n<5)
8.16 Fracture of spine	15	0	1	1	0	1,367	113	245	21	(n<5)
8.17 Fracture of multiple sites	19	1	1	0	0	1,633	126	310	30	0
8.19 Other orthopaedic fracture	7	0	0	0	0	1,059	69	189	18	(n<5)
<b>All Orthopaedic Fractures</b>	<b>145</b>	<b>12</b>	<b>27</b>	<b>5</b>	<b>0</b>	<b>13,939</b>	<b>1,149</b>	<b>2,845</b>	<b>238</b>	<b>17</b>

Impairment code	YOUR FACILITY CY25 — %					AUSTRALIA CY25 — %				
	Final Destination	Interim Destination	Remaining in Hospital	Other	Unknown	Final Destination	Interim Destination	Remaining in Hospital	Other	Unknown
8.111 Fracture of hip, unilateral	79.7	5.1	13.9	1.3	0.0	74.5	6.0	18.1	1.3	0.1
8.112 Fracture of hip, bilateral	—	—	—	—	—	83.2	5.3	11.6	0.0	0.0
8.12 Fracture of shaft of femur	50.0	25.0	25.0	0.0	0.0	74.9	6.1	17.4	1.4	(n<5)
8.13 Fracture of pelvis	53.3	0.0	46.7	0.0	0.0	80.3	6.2	12.5	0.9	(n<5)
8.141 Fracture of knee	80.0	0.0	20.0	0.0	0.0	79.7	7.9	11.5	1.0	0.0
8.142 Fracture of leg, ankle, foot	68.2	9.1	13.6	9.1	0.0	77.3	6.0	14.8	1.9	(n<5)
8.15 Fracture of upper limb	63.2	21.1	10.5	5.3	0.0	76.3	9.1	13.3	1.0	(n<5)
8.16 Fracture of spine	88.2	0.0	5.9	5.9	0.0	78.2	6.5	14.0	1.2	(n<5)
8.17 Fracture of multiple sites	90.5	4.8	4.8	0.0	0.0	77.8	6.0	14.8	1.4	0.0
8.19 Other orthopaedic fracture	100.0	0.0	0.0	0.0	0.0	79.1	5.2	14.1	1.3	(n<5)
<b>All Orthopaedic Fractures</b>	<b>76.7</b>	<b>6.3</b>	<b>14.3</b>	<b>2.6</b>	<b>0.0</b>	<b>76.6</b>	<b>6.3</b>	<b>15.6</b>	<b>1.3</b>	<b>0.1</b>

INCLUDES: episodes with a completed mode of episode end

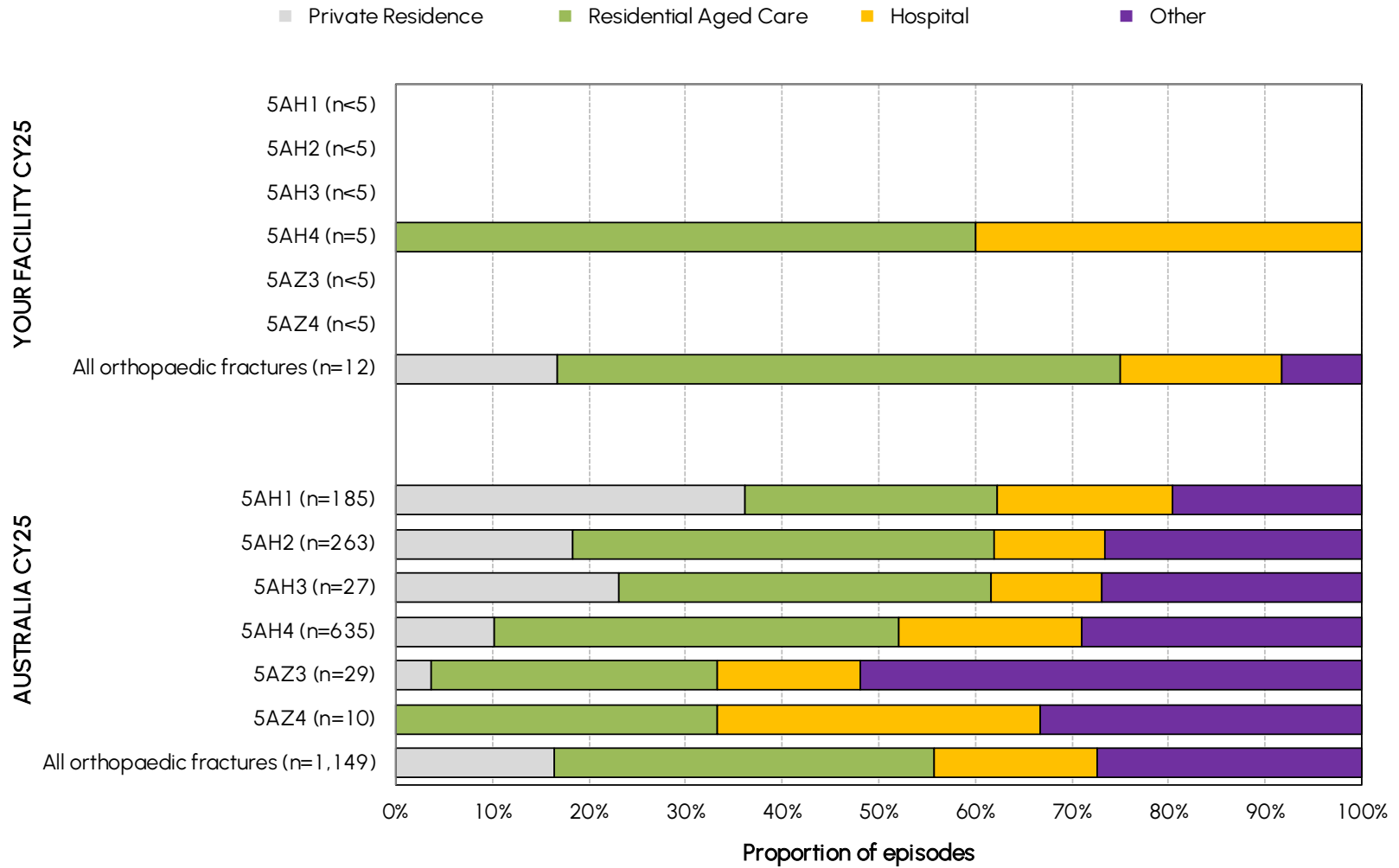
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Mode of episode end



NOTE: episodes where mode of episode end is death, discharged own risk or other are not shown in the left bar – these account for the difference from 100%

# Interim destination post discharge by AN-SNAP class



MISSING DATA: There were 0 episode(s) in YOUR FACILITY CY25 and 32 episodes in AUSTRALIA CY25 with unknown interim destination

INCLUDES: episodes where mode of episode end is interim with a groupable AN-SNAP class (not 599A) and known interim destination

DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Interim destination post discharge by AN-SNAP class

YOUR FACILITY CY25 — N (%)					
AN-SNAP class V5	Private residence	Residential Aged Care	Hospital	Other	All
5AH1 (motor 48-91, cognition 33-35)	1 (50.0)	0 (0.0)	0 (0.0)	1 (50.0)	2 (100.0)
5AH2 (motor 48-91, cognition 21-32)	1 (25.0)	3 (75.0)	0 (0.0)	0 (0.0)	4 (100.0)
5AH3 (motor 48-91, cognition 5-20)	0 —	0 —	0 —	0 —	0 —
5AH4 (motor 19-47)	0 (0.0)	3 (60.0)	2 (40.0)	0 (0.0)	5 (100.0)
5AZ3 (motor 13-18, Age ≥ 79)	0 (0.0)	1 (100.0)	0 (0.0)	0 (0.0)	1 (100.0)
5AZ4 (motor 13-18, Age 18-78)	0 —	0 —	0 —	0 —	0 —
<b>All Fracture AN-SNAP classes</b>	<b>2 (16.7)</b>	<b>7 (58.3)</b>	<b>2 (16.7)</b>	<b>1 (8.3)</b>	<b>12 (100.0)</b>

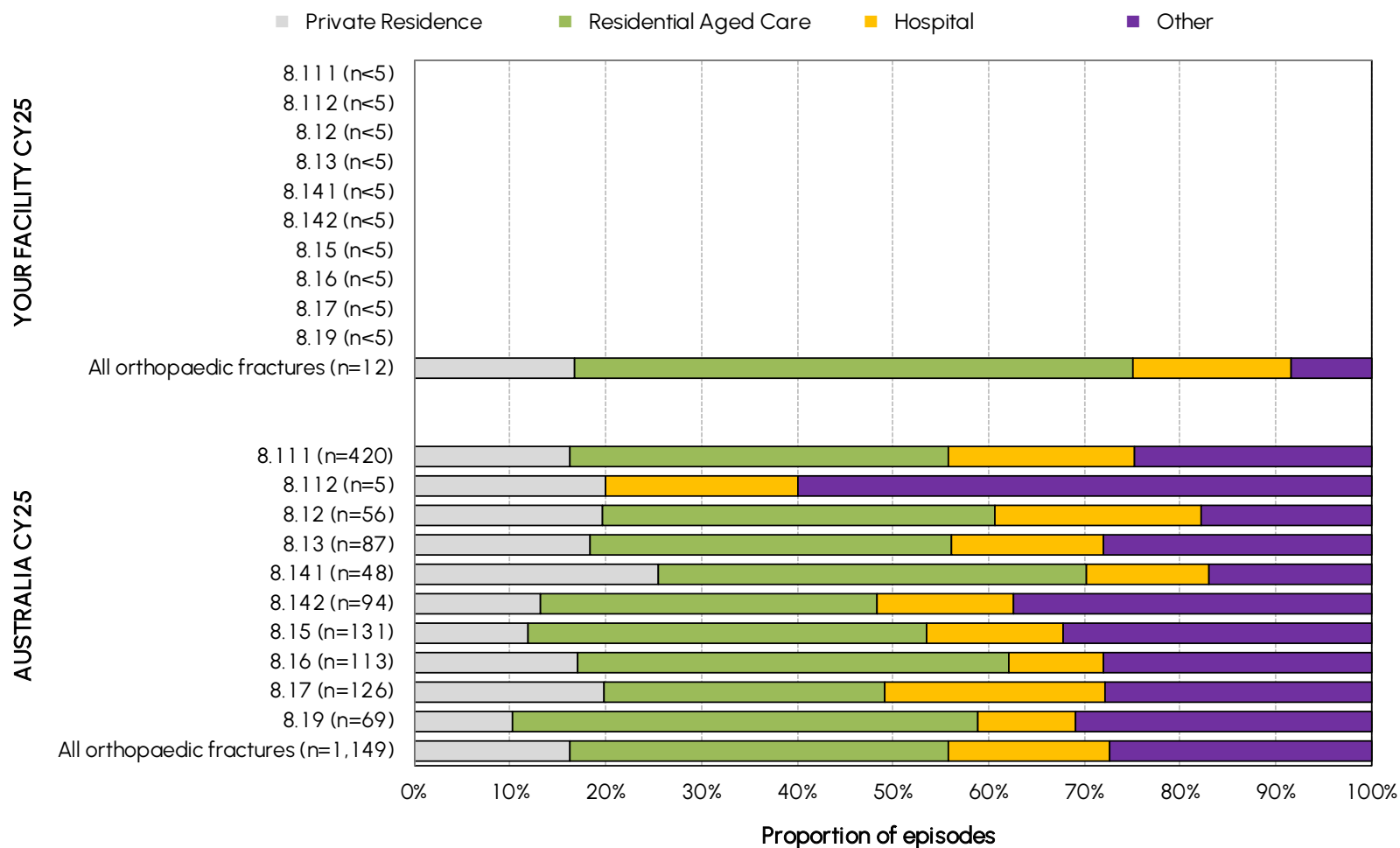
AUSTRALIA CY25 — N (%)					
AN-SNAP class V5	Private residence	Residential Aged Care	Hospital	Other	All
5AH1 (motor 48-91, cognition 33-35)	66 (35.7)	48 (25.9)	33 (17.8)	35 (18.9)	185 (100.0)
5AH2 (motor 48-91, cognition 21-32)	48 (18.3)	115 (43.7)	30 (11.4)	69 (26.2)	263 (100.0)
5AH3 (motor 48-91, cognition 5-20)	6 (22.2)	10 (37.0)	(n<5) —	7 (25.9)	27 (100.0)
5AH4 (motor 19-47)	62 (9.8)	257 (40.5)	116 (18.3)	176 (27.7)	635 (100.0)
5AZ3 (motor 13-18, Age ≥ 79)	(n<5) —	8 (27.6)	(n<5) —	14 (48.3)	29 (100.0)
5AZ4 (motor 13-18, Age 18-78)	0 (0.0)	(n<5) —	(n<5) —	(n<5) —	10 (100.0)
<b>All Fracture AN-SNAP classes</b>	<b>183 (15.9)</b>	<b>441 (38.4)</b>	<b>189 (16.4)</b>	<b>304 (26.5)</b>	<b>1,149 (100.0)</b>

MISSING DATA: There were 0 episode(s) in YOUR FACILITY CY25 and 32 episodes in AUSTRALIA CY25 with unknown interim destination

INCLUDES: episodes where mode of episode end is interim with a groupable AN-SNAP class (not 599A) and known interim destination

DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Interim destination post discharge by impairment code



MISSING DATA: There were 0 episode(s) in YOUR FACILITY CY25 and 32 episodes in AUSTRALIA CY25 with unknown interim destination  
 INCLUDES: episodes where mode of episode end is interim with known interim destination  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Interim destination post discharge by impairment code

YOUR FACILITY CY25 — N (%)					
Impairment code	Private residence	Residential Aged Care	Hospital	Other	All episodes
8.111 Fracture of hip, unilateral	1 (25.0)	3 (75.0)	0 (0.0)	0 (0.0)	4 (100.0)
8.112 Fracture of hip, bilateral	0 —	0 —	0 —	0 —	0 —
8.12 Fracture of shaft of femur	0 (0.0)	1 (100.0)	0 (0.0)	0 (0.0)	1 (100.0)
8.13 Fracture of pelvis	0 —	0 —	0 —	0 —	0 —
8.141 Fracture of knee	0 —	0 —	0 —	0 —	0 —
8.142 Fracture of leg, ankle, foot	0 (0.0)	2 (100.0)	0 (0.0)	0 (0.0)	2 (100.0)
8.15 Fracture of upper limb	1 (25.0)	1 (25.0)	1 (25.0)	1 (25.0)	4 (100.0)
8.16 Fracture of spine	0 —	0 —	0 —	0 —	0 —
8.17 Fracture of multiple sites	0 (0.0)	0 (0.0)	1 (100.0)	0 (0.0)	1 (100.0)
8.19 Other orthopaedic fracture	0 —	0 —	0 —	0 —	0 —
<b>All Orthopaedic Fractures</b>	<b>2 (16.7)</b>	<b>7 (58.3)</b>	<b>2 (16.7)</b>	<b>1 (8.3)</b>	<b>12 (100.0)</b>

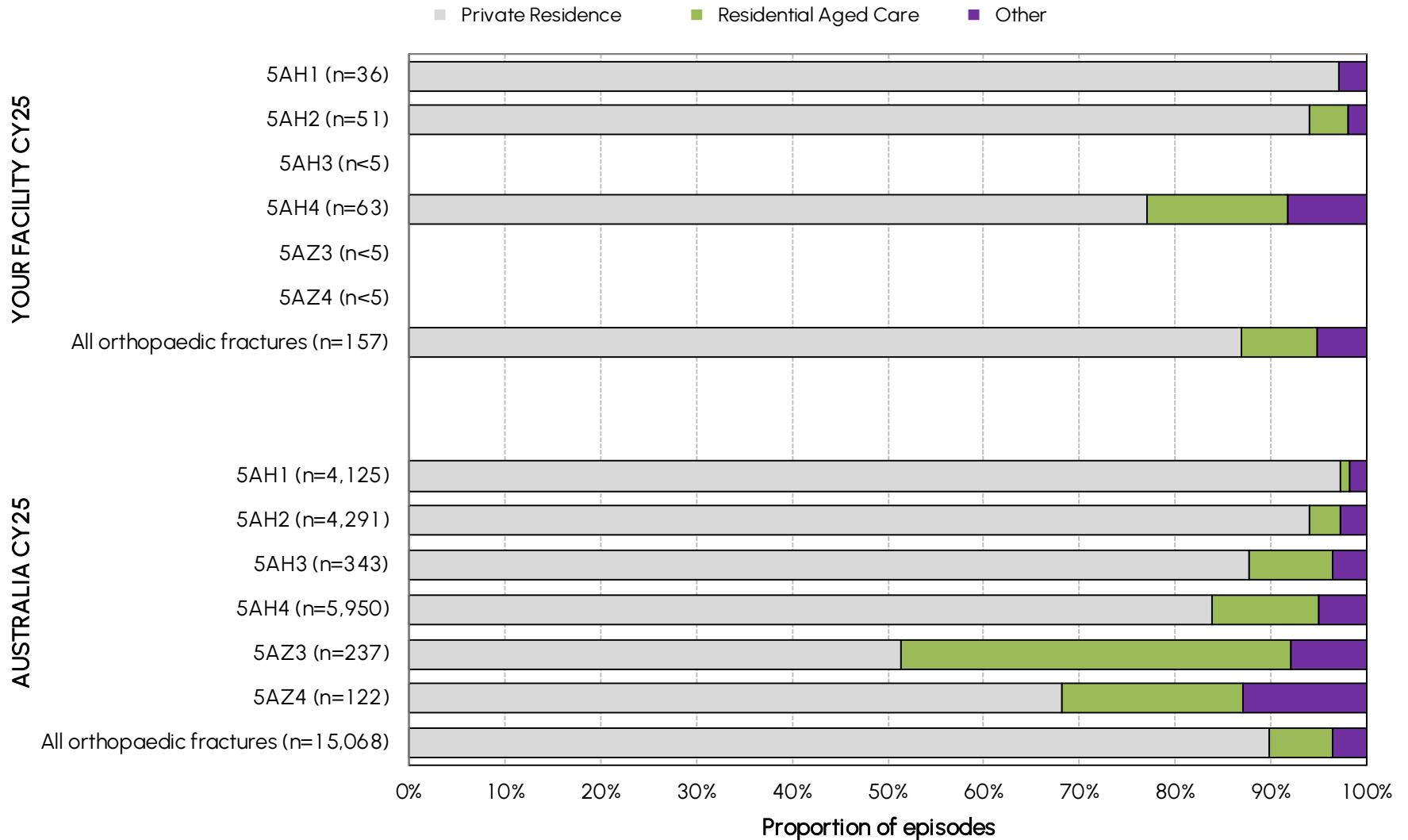
AUSTRALIA CY25 — N (%)					
Impairment code	Private residence	Residential Aged Care	Hospital	Other	All episodes
8.111 Fracture of hip, unilateral	66 (15.7)	161 (38.3)	79 (18.8)	99 (23.6)	420 (100.0)
8.112 Fracture of hip, bilateral	(n<5) —	0 (0.0)	(n<5) —	(n<5) —	5 (100.0)
8.12 Fracture of shaft of femur	11 (19.6)	23 (41.1)	12 (21.4)	10 (17.9)	56 (100.0)
8.13 Fracture of pelvis	15 (17.2)	31 (35.6)	13 (14.9)	23 (26.4)	87 (100.0)
8.141 Fracture of knee	12 (25.0)	21 (43.8)	6 (12.5)	8 (16.7)	48 (100.0)
8.142 Fracture of leg, ankle, foot	12 (12.8)	32 (34.0)	13 (13.8)	34 (36.2)	94 (100.0)
8.15 Fracture of upper limb	15 (11.5)	53 (40.5)	18 (13.7)	41 (31.3)	131 (100.0)
8.16 Fracture of spine	19 (16.8)	50 (44.2)	11 (9.7)	30 (26.5)	113 (100.0)
8.17 Fracture of multiple sites	25 (19.8)	37 (29.4)	29 (23.0)	35 (27.8)	126 (100.0)
8.19 Other orthopaedic fracture	7 (10.1)	33 (47.8)	7 (10.1)	21 (30.4)	69 (100.0)
<b>All Orthopaedic Fractures</b>	<b>183 (15.9)</b>	<b>441 (38.4)</b>	<b>189 (16.4)</b>	<b>304 (26.5)</b>	<b>1,149 (100.0)</b>

MISSING DATA: There were 0 episode(s) in YOUR FACILITY CY25 and 32 episodes in AUSTRALIA CY25 with unknown interim destination

INCLUDES: episodes where mode of episode end is interim with known interim destination

DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Final destination post discharge by AN-SNAP class



INCLUDES: episodes where mode of episode end is final or interim, a groupable AN-SNAP class (not 599A) and final destination is known  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed

# Final destination post discharge by AN-SNAP class

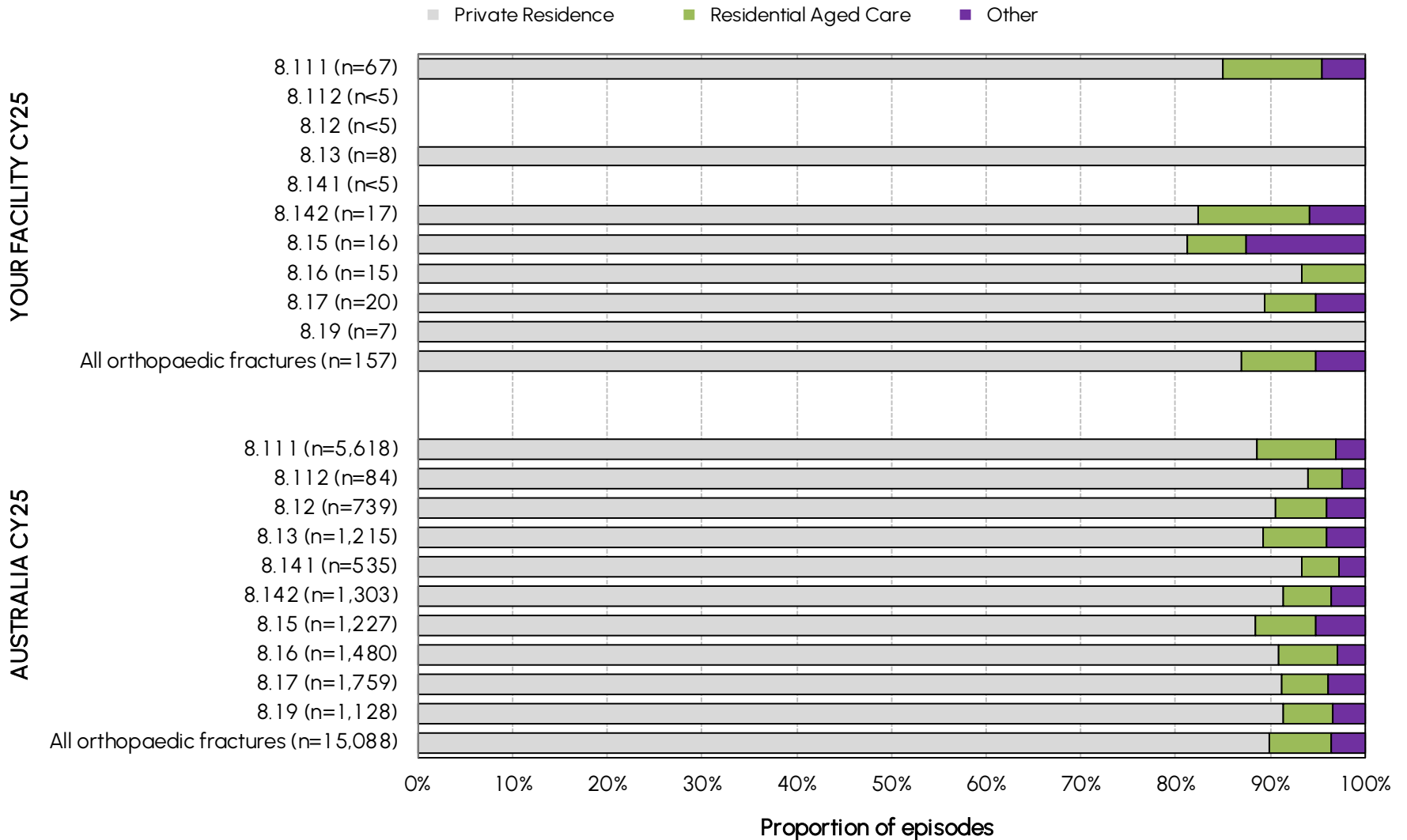
YOUR FACILITY CY25 — N (%)					
AN-SNAP class V5	Private residence	Residential Aged Care	Other	Missing	All episodes
5AH1 (motor 48-91, cognition 33-35)	34 (97.1)	0 (0.0)	1 (2.9)	1 (2.9)	35 (100.0)
5AH2 (motor 48-91, cognition 21-32)	48 (94.1)	2 (3.9)	1 (2.0)	0 (0.0)	51 (100.0)
5AH3 (motor 48-91, cognition 5-20)	2 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (100.0)
5AH4 (motor 19-47)	47 (77.0)	9 (14.8)	5 (8.2)	2 (3.3)	61 (100.0)
5AZ3 (motor 13-18, Age ≥ 79)	2 (66.7)	1 (33.3)	0 (0.0)	0 (0.0)	3 (100.0)
5AZ4 (motor 13-18, Age 18-78)	1 (50.0)	0 (0.0)	1 (50.0)	0 (0.0)	2 (100.0)
<b>All Fracture AN-SNAP classes</b>	<b>134 (87.0)</b>	<b>12 (7.8)</b>	<b>8 (5.2)</b>	<b>3 (1.9)</b>	<b>154 (100.0)</b>

AUSTRALIA CY25 — N (%)					
AN-SNAP class V5	Private residence	Residential Aged Care	Other	Missing	All episodes
5AH1 (motor 48-91, cognition 33-35)	3,937 (95.4)	42 (1.0)	70 (1.7)	76 (1.8)	4,125 (100.0)
5AH2 (motor 48-91, cognition 21-32)	3971 (92.5)	135 (3.1)	118 (2.7)	67 (1.6)	4291 (100.0)
5AH3 (motor 48-91, cognition 5-20)	294 (85.7)	29 (8.5)	12 (3.5)	8 (2.3)	343 (100.0)
5AH4 (motor 19-47)	4865 (81.8)	644 (10.8)	289 (4.9)	152 (2.6)	5950 (100.0)
5AZ3 (motor 13-18, Age ≥ 79)	118 (49.8)	94 (39.7)	18 (7.6)	7 (3.0)	237 (100.0)
5AZ4 (motor 13-18, Age 18-78)	79 (64.8)	22 (18.0)	15 (12.3)	6 (4.9)	122 (100.0)
<b>All Fracture AN-SNAP classes</b>	<b>13,264 (88.0)</b>	<b>966 (6.4)</b>	<b>522 (3.5)</b>	<b>316 (2.1)</b>	<b>15,068 (100.0)</b>

INCLUDES: episodes where mode of episode end is final or interim, a groupable AN-SNAP class (not 599A) and final destination is known

DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed

# Final destination post discharge by impairment



INCLUDES: episodes where mode of episode end is final or interim and final destination is known  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed

# Summary of final destination post discharge by impairment

## YOUR FACILITY CY25 — N (%)

Impairment code	Private residence	Residential Aged Care	Other	Missing	All episodes
8.111 Fracture of hip, unilateral	57 (85.1)	7 (10.4)	3 (4.5)	0 (0.0)	67 (100.0)
8.112 Fracture of hip, bilateral	0 —	0 —	0 —	0 —	0 —
8.12 Fracture of shaft of femur	2 (66.7)	0 (0.0)	1 (33.3)	0 (0.0)	3 (100.0)
8.13 Fracture of pelvis	8 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	8 (100.0)
8.141 Fracture of knee	4 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	4 (100.0)
8.142 Fracture of leg, ankle, foot	14 (82.4)	2 (11.8)	1 (5.9)	0 (0.0)	17 (100.0)
8.15 Fracture of upper limb	13 (81.3)	1 (6.3)	2 (12.5)	0 (0.0)	16 (100.0)
8.16 Fracture of spine	14 (93.3)	1 (6.7)	0 (0.0)	0 (0.0)	15 (100.0)
8.17 Fracture of multiple sites	17 (89.5)	1 (5.3)	1 (5.3)	1 (5.3)	19 (100.0)
8.19 Other orthopaedic fracture	5 (100.0)	0 (0.0)	0 (0.0)	2 (40.0)	5 (100.0)
<b>All Orthopaedic Fractures</b>	<b>134 (87.0)</b>	<b>12 (7.8)</b>	<b>8 (5.2)</b>	<b>3 (1.9)</b>	<b>154 (100.0)</b>

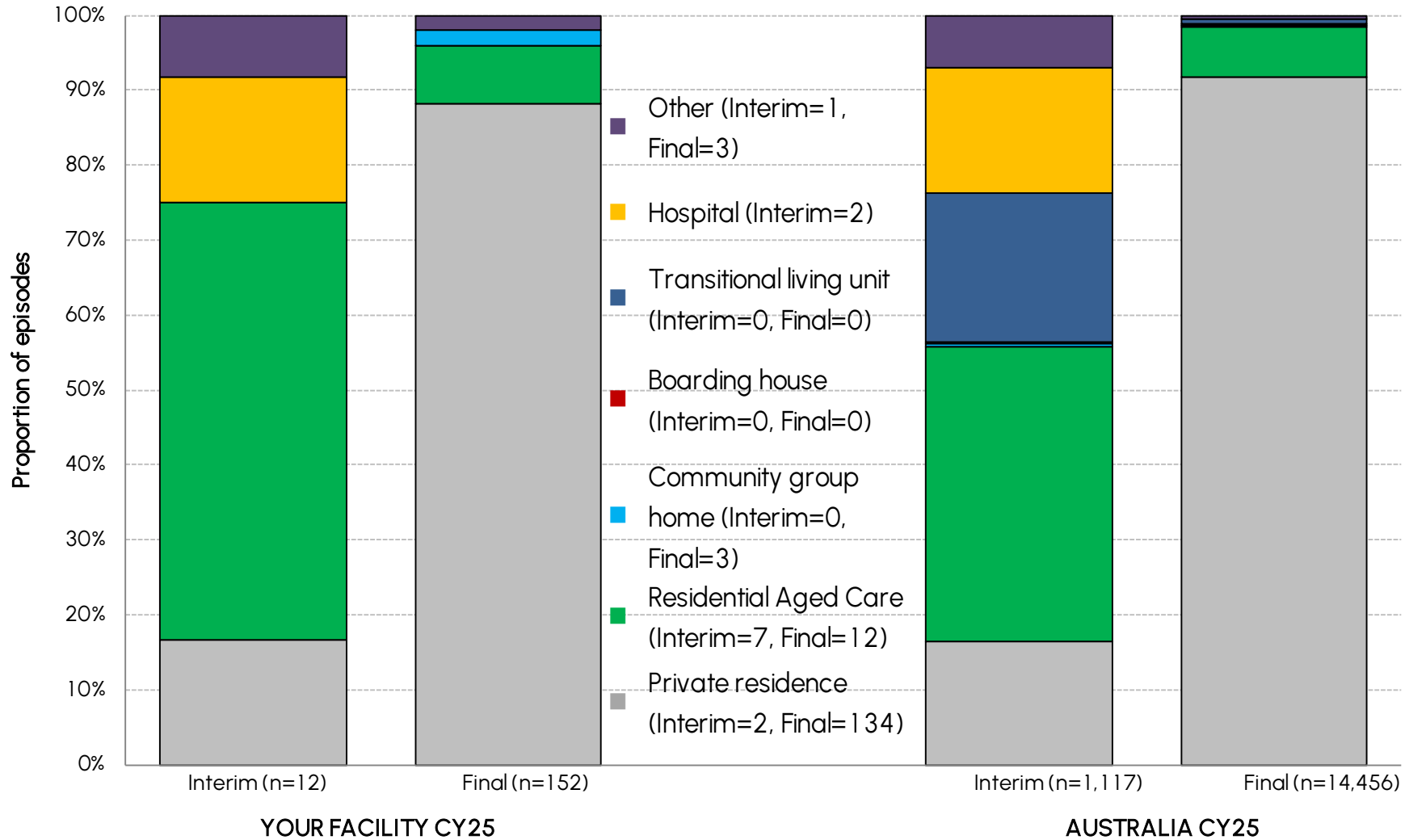
## AUSTRALIA CY25 — N (%)

Impairment code	Private residence	Residential Aged Care	Other	Missing	All episodes
8.111 Fracture of hip, unilateral	4,878 (86.8)	455 (8.1)	170 (3.0)	115 (2.0)	5,618 (100.0)
8.112 Fracture of hip, bilateral	79 (94.0)	(n<5) —	(n<5) —	0 (0.0)	84 (100.0)
8.12 Fracture of shaft of femur	657 (88.9)	38 (5.1)	30 (4.1)	14 (1.9)	739 (100.0)
8.13 Fracture of pelvis	1,058 (87.1)	80 (6.6)	48 (4.0)	29 (2.4)	1,215 (100.0)
8.141 Fracture of knee	488 (91.2)	21 (3.9)	14 (2.6)	12 (2.2)	535 (100.0)
8.142 Fracture of leg, ankle, foot	1,158 (88.9)	63 (4.8)	46 (3.5)	36 (2.8)	1,303 (100.0)
8.15 Fracture of upper limb	1,068 (87.0)	77 (6.3)	63 (5.1)	19 (1.5)	1,227 (100.0)
8.16 Fracture of spine	1,320 (89.2)	90 (6.1)	43 (2.9)	27 (1.8)	1,480 (100.0)
8.17 Fracture of multiple sites	1,571 (89.3)	83 (4.7)	68 (3.9)	37 (2.1)	1,759 (100.0)
8.19 Other orthopaedic fracture	1,004 (89.0)	57 (5.1)	38 (3.4)	29 (2.6)	1,128 (100.0)
<b>All Orthopaedic Fractures</b>	<b>13,281 (88.0)</b>	<b>967 (6.4)</b>	<b>522 (3.5)</b>	<b>318 (2.1)</b>	<b>15,088 (100.0)</b>

INCLUDES: episodes where mode of episode end is final or interim and final destination is known

DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed

# Interim and final destination post discharge



INCLUDES: episodes where mode of episode end is interim or final destination and destination is known.

# Interim and final destination post discharge

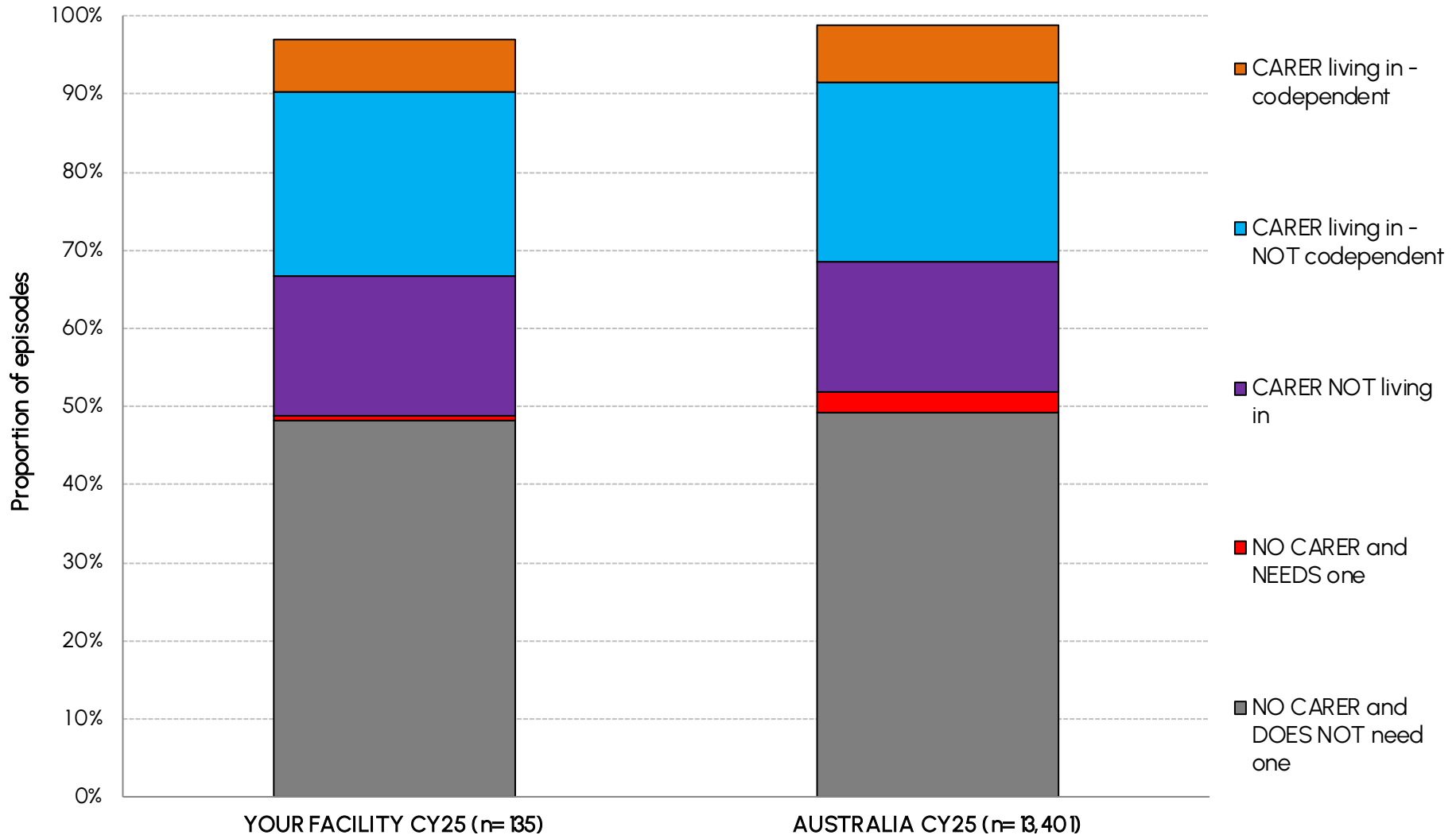
Discharge Destination	YOUR FACILITY CY25				AUSTRALIA CY25			
	Interim	(%)	Final	(%)	Interim	(%)	Final	(%)
Private residence	2	(16.7)	134	(88.2)	183	(16.4)	13,264	(91.8)
Residential Aged Care	7	(58.3)	12	(7.9)	441	(39.5)	966	(6.7)
Community group home	0	(0.0)	3	(2.0)	(n<5)	—	44	(0.3)
Boarding house	0	(0.0)	0	(0.0)	(n<5)	—	18	(0.1)
Transitional living unit	0	(0.0)	0	(0.0)	222	(19.9)	94	(0.7)
Hospital	2	(16.7)	n.a.		189	(16.9)	n.a.	
Other	1	(8.3)	3	(2.0)	77	(6.9)	70	(0.5)
Missing/Unknown	0		5		32		612	
<b>All episodes</b>	<b>12</b>	<b>(100.0)</b>	<b>157</b>	<b>(100.0)</b>	<b>1,149</b>	<b>(100.0)</b>	<b>15,068</b>	<b>(100.0)</b>

INCLUDES: episodes where mode of episode end is interim or final destination

DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

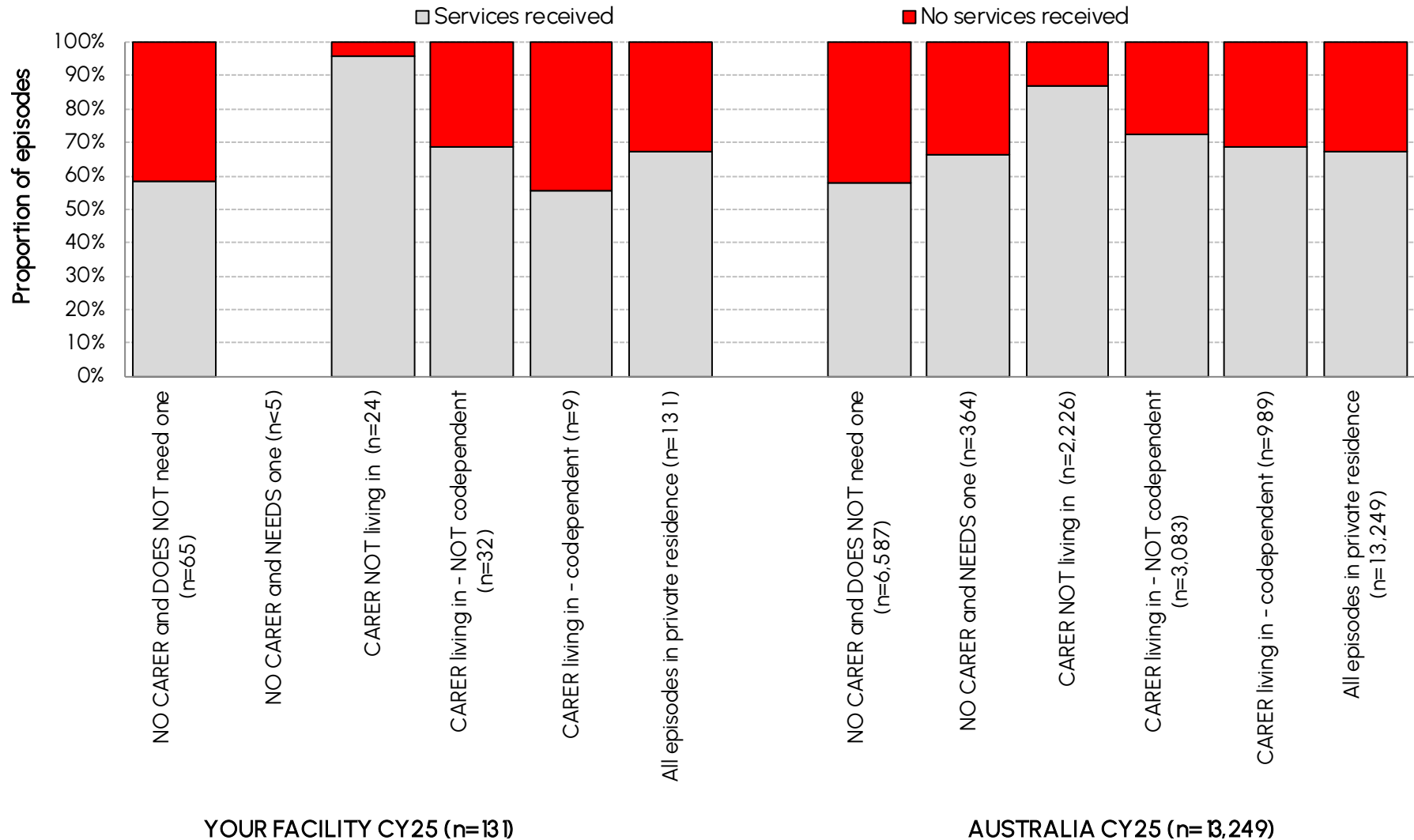
n.a. Not applicable as "Hospital" not part of final destination codeset

# Carer status post discharge



INCLUDES: episodes where final destination is private residence and carer status is known  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed

# Any services received post discharge by carer status



INCLUDES: episodes where final destination is private residence, known carer status and services received provided  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed

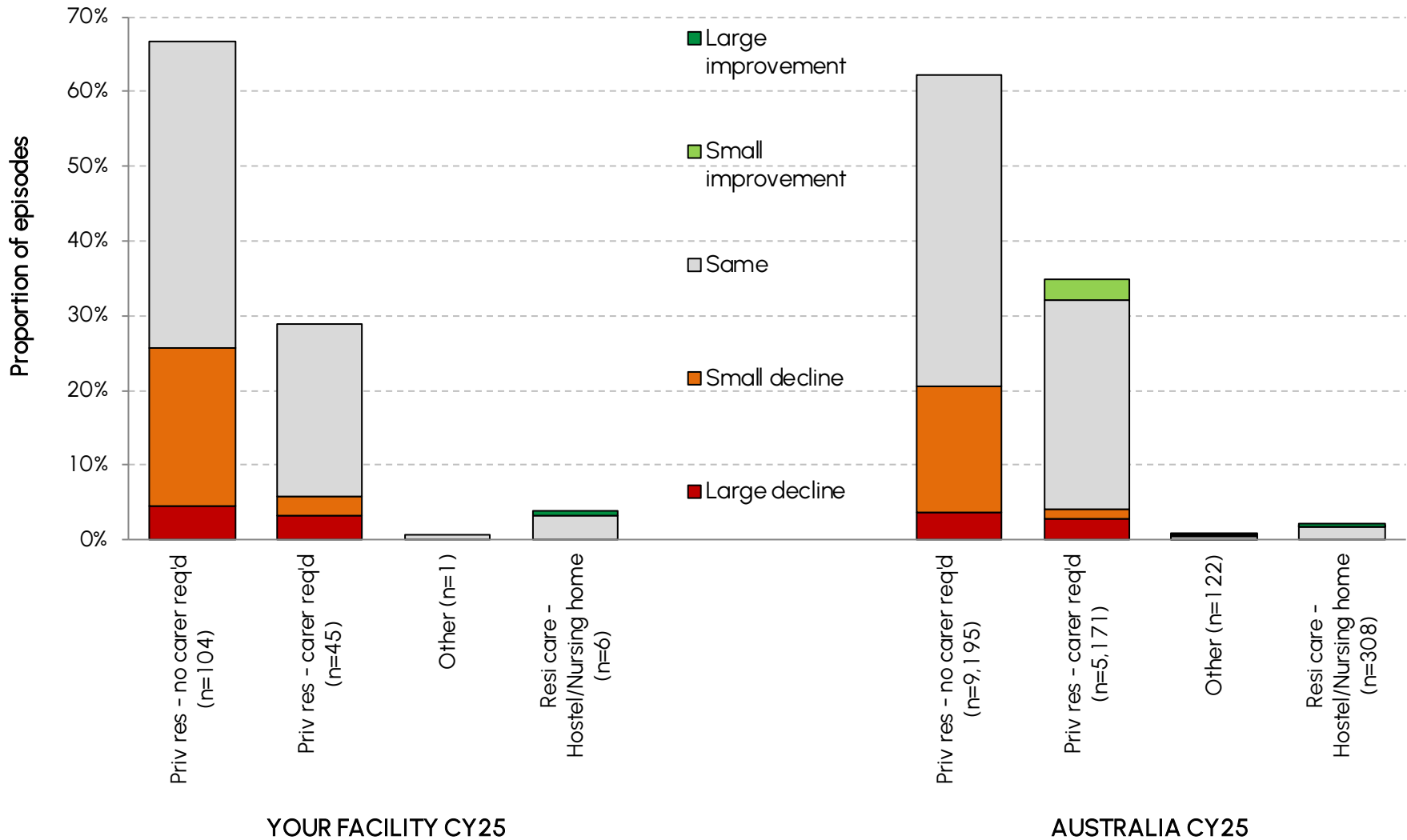
# Carer status and any services received post discharge

Carer status post discharge	YOUR FACILITY CY25		AUSTRALIA CY25	
	N	%	N	%
NO CARER and DOES NOT need one	65	49.6	6,588	49.7
NO CARER and NEEDS one	1	0.8	365	2.8
CARER NOT living in	24	18.3	2,227	16.8
CARER living in - NOT codependent	32	24.4	3084	23.3
CARER living in - codependent	9	6.9	989	7.5
Missing	4		148	
<b>All episodes in private residence</b>	<b>135</b>	<b>100.0</b>	<b>13,401</b>	<b>100.0</b>

Carer status post discharge	Any services received post discharge?			
	YOUR FACILITY CY25		AUSTRALIA CY25	
	Yes (%)	No (%)	Yes (%)	No (%)
NO CARER and DOES NOT need one	58.5	41.5	58.0	42.0
NO CARER and NEEDS one	—	—	66.2	33.8
CARER NOT living in	95.8	4.2	87.0	13.0
CARER living in - NOT codependent	68.8	31.3	72.5	27.5
CARER living in - codependent	55.6	44.4	68.5	31.5
<b>All episodes in private residence</b>	<b>67.2</b>	<b>32.8</b>	<b>67.3</b>	<b>32.7</b>

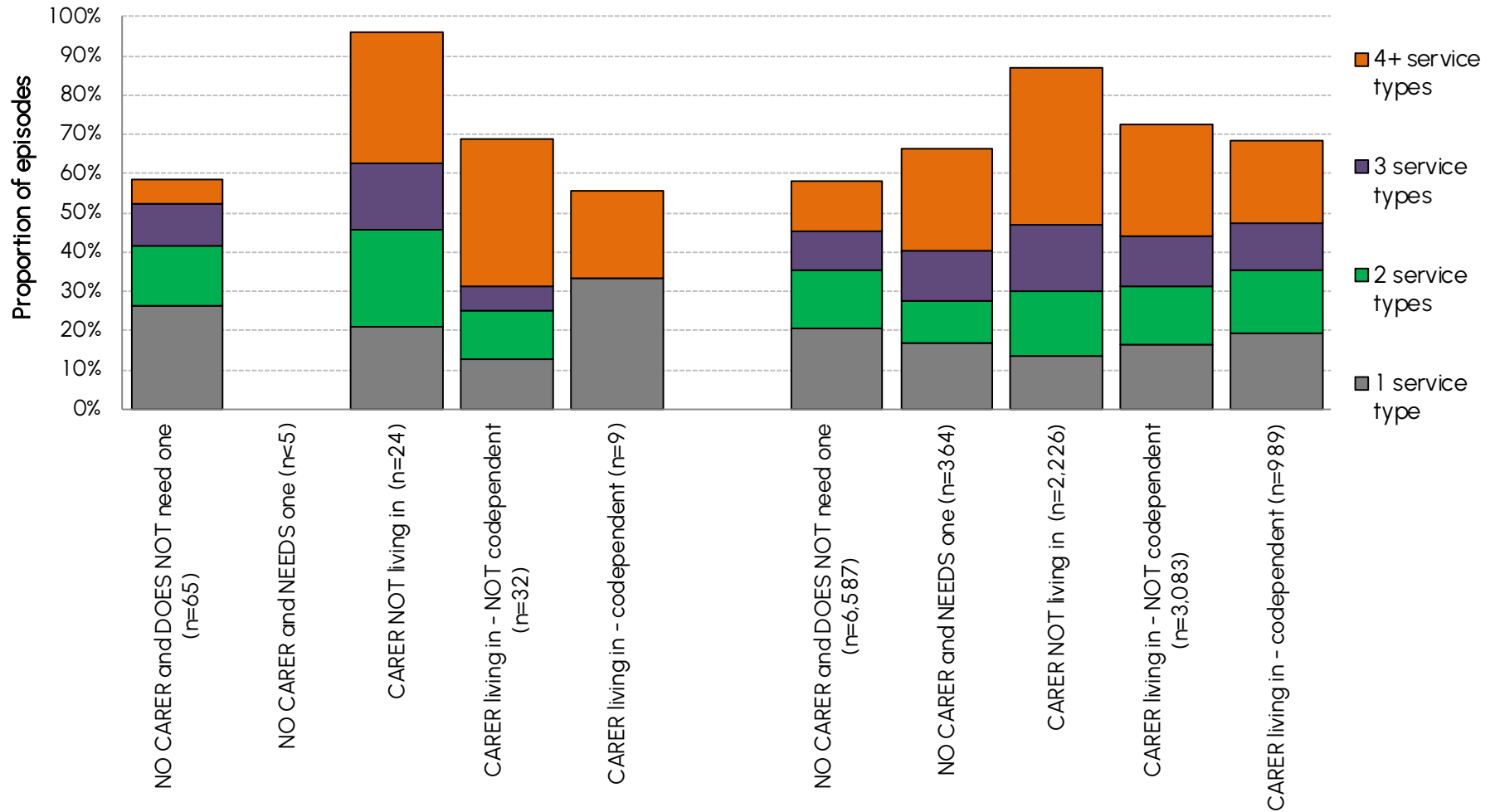
INCLUDES: episodes where final destination is private residence, known carer status and services received provided  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed

# Change in prior accommodation post discharge



INCLUDES: episodes where accommodation prior and final discharge destination are recorded, and if coming from / going to a private residence, carer status prior and post discharge are also recorded

# Number of services received post discharge by carer status



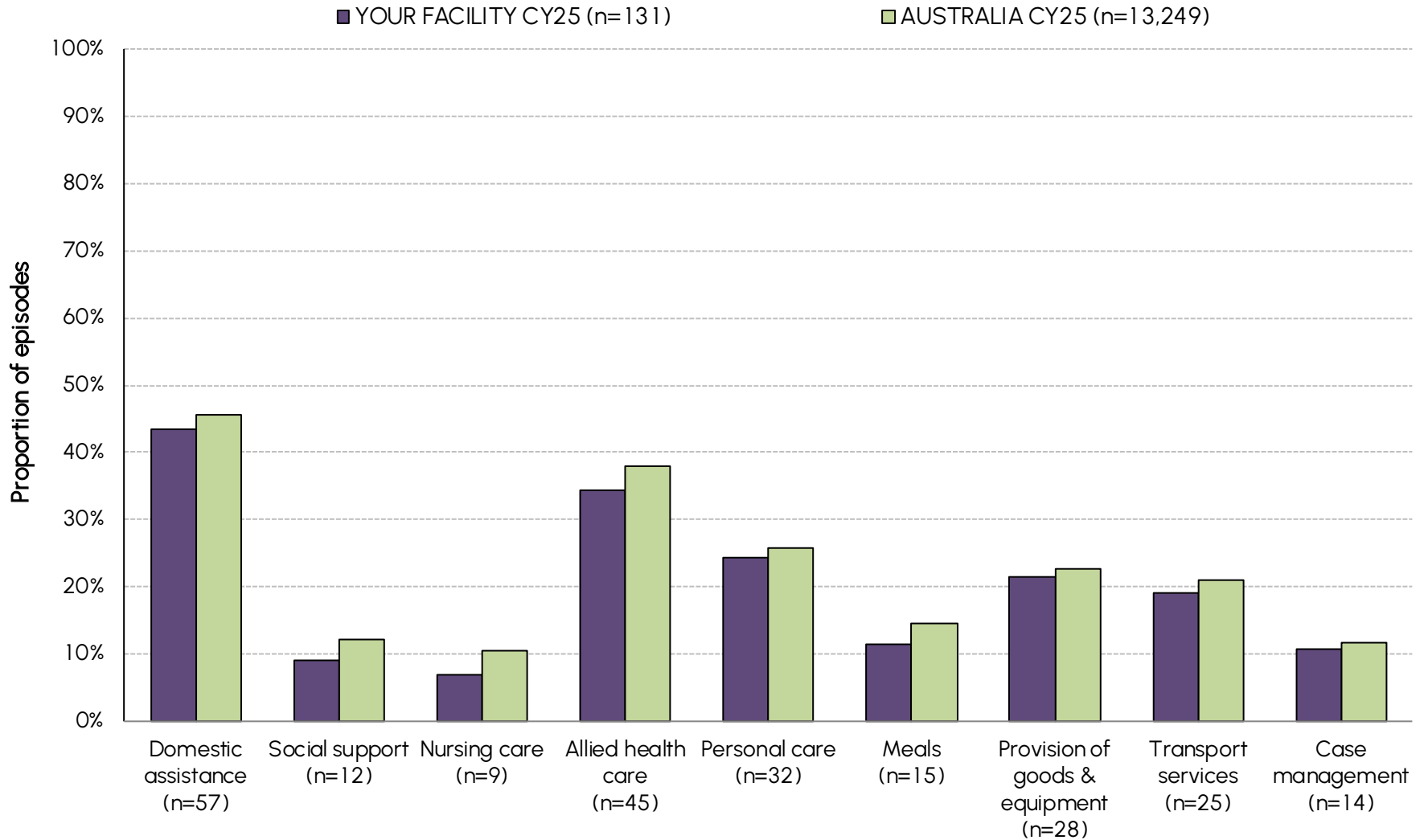
**YOUR FACILITY CY25 (n=131)**

**AUSTRALIA CY25 (n=13,249)**

INCLUDES: episodes where final destination is private residence, known carer status and services received provided

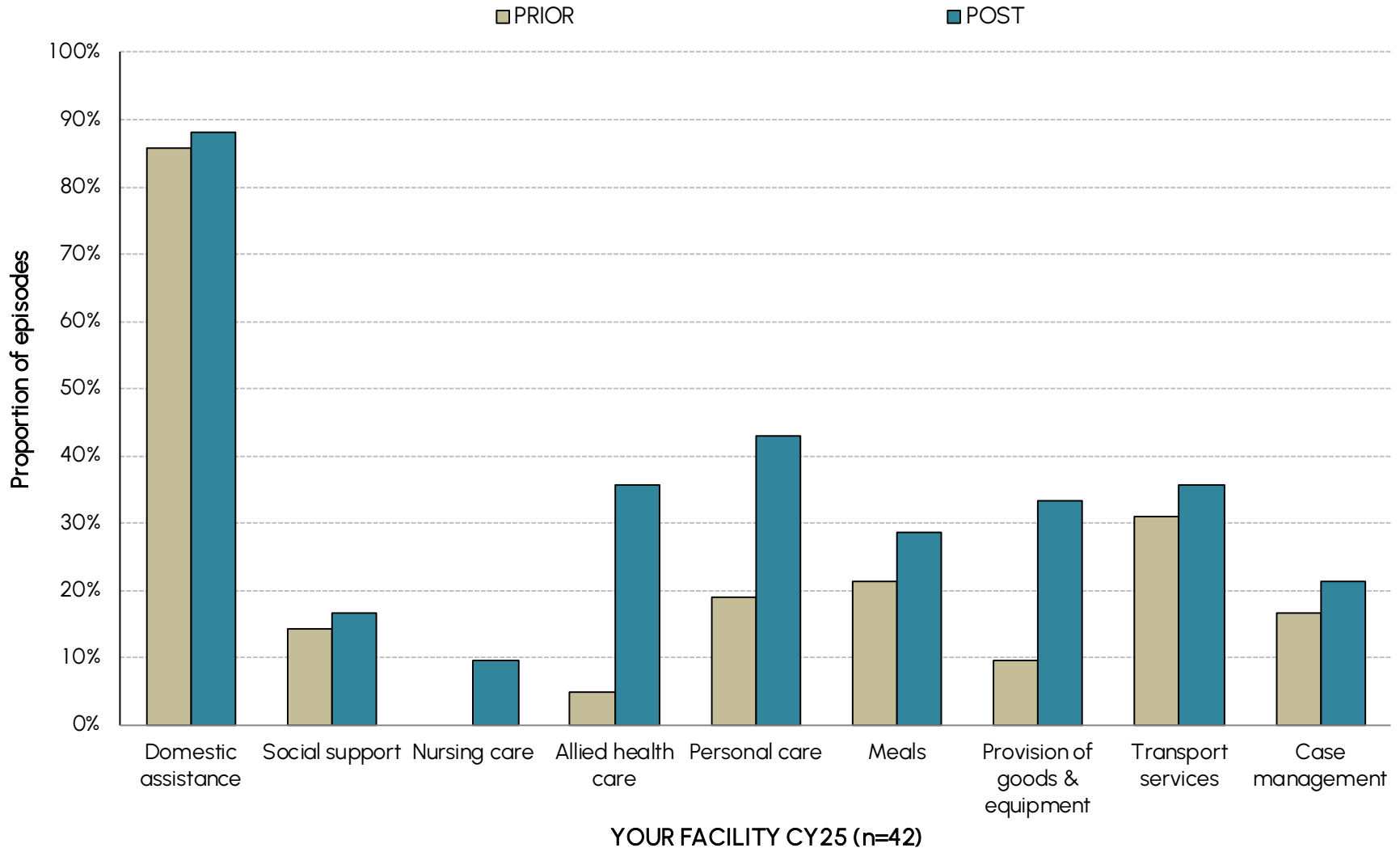
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed

# Type of services received post discharge



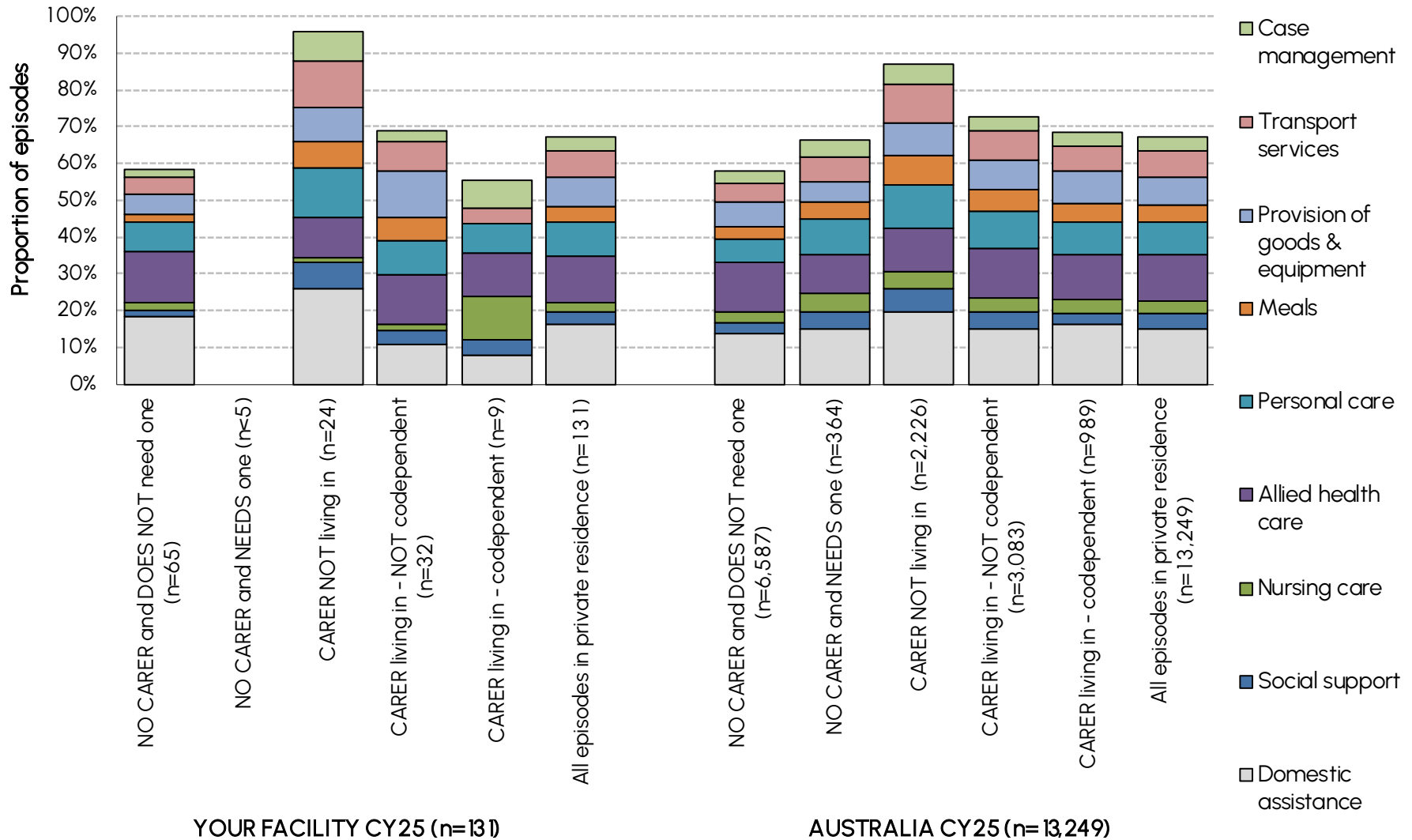
INCLUDES: episodes where final destination is private residence

# Type of services received pre and post rehabilitation



INCLUDES: episodes where final destination is private residence and with known carer status and received services both pre and post the episode

# Type of services received post discharge by carer status



NOTE: episodes where final destination is private residence and with known carer status and known services status  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed

# Number and type of services received post discharge by carer status – Your facility

Carer status post discharge - YOUR FACILITY CY25							
Services received post discharge	NO CARER and DOES NOT need one	NO CARER and NEEDS one	CARER NOT living in	CARER living in - NOT codependent	CARER living in - codependent	All episodes in private residence	
Number of episodes in private residence	65	1	24	32	9	<b>131</b>	
<b>Percent of episodes receiving:</b>							
No services	41.5	100.0	4.2	31.3	44.4	<b>32.8</b>	
1 service type	26.2	0.0	20.8	12.5	33.3	<b>22.1</b>	
2 service types	15.4	0.0	25.0	12.5	0.0	<b>15.3</b>	
3 service types	10.8	0.0	16.7	6.3	0.0	<b>9.9</b>	
4 or more service types	6.2	0.0	33.3	37.5	22.2	<b>19.8</b>	
<b>Service Type received</b>							
Domestic assistance	36.9	0.0	79.2	37.5	22.2	<b>43.5</b>	
Social support	3.1	0.0	20.8	12.5	11.1	<b>9.2</b>	
Nursing care	4.6	0.0	4.2	6.3	33.3	<b>6.9</b>	
Allied health care	27.7	0.0	33.3	46.9	33.3	<b>33.6</b>	
Personal care	15.4	0.0	41.7	31.3	22.2	<b>24.4</b>	
Meals	4.6	0.0	20.8	21.9	0.0	<b>11.5</b>	
Provision of goods & equipment	10.8	0.0	29.2	43.8	0.0	<b>21.4</b>	
Transport services	9.2	0.0	37.5	28.1	11.1	<b>19.1</b>	
Case management	4.6	0.0	25.0	9.4	22.2	<b>10.7</b>	

INCLUDES: episodes where final destination is private residence and with known carer status and known services status

# Number and type of services received post discharge by carer status - National

Carer status post discharge - AUSTRALIA CY25						
Services received post discharge	NO CARER and DOES NOT need one	NO CARER and NEEDS one	CARER NOT living in	CARER living in - NOT codependent	CARER living in - codependent	All episodes in private residence
Number of episodes in private residence	6,587	364	2,226	3,083	989	<b>13,249</b>
<b>Percent of episodes receiving:</b>						
No services	42.0	33.8	13.0	27.5	31.5	<b>32.7</b>
1 service type	20.7	16.8	13.4	16.3	19.3	<b>18.2</b>
2 service types	14.9	10.7	16.7	15.1	15.9	<b>15.2</b>
3 service types	9.5	12.9	16.9	12.8	12.2	<b>11.8</b>
4 or more service types	12.9	25.8	39.9	28.2	20.9	<b>21.9</b>
<b>Service Type received</b>						
Domestic assistance	34.6	50.8	71.2	48.8	47.1	<b>45.5</b>
Social support	7.3	16.5	22.3	15.5	9.3	<b>12.1</b>
Nursing care	7.4	16.5	16.5	12.2	11.0	<b>10.5</b>
Allied health care	33.6	36.0	41.8	44.9	36.1	<b>37.9</b>
Personal care	16.2	33.0	42.8	33.1	25.6	<b>25.7</b>
Meals	7.8	16.2	28.4	19.1	14.5	<b>14.6</b>
Provision of goods & equipment	17.2	19.2	32.0	27.0	26.3	<b>22.7</b>
Transport services	13.0	22.5	37.6	25.6	19.5	<b>20.8</b>
Case management	8.2	15.7	20.6	12.3	11.5	<b>11.7</b>

INCLUDES: episodes where final destination is private residence and with known carer status and known services status

# Appendix 1 Glossary

## AN-SNAP class

The Australian National Sub-Acute and Non-Acute Patient Classification (AN-SNAP) is a casemix classification for sub-acute and non-acute care provided in a variety of treatment settings. Version 5, introduced in July 2022 and used in these reports, uses the episode's impairment, age, weighted FIM motor admission score and FIM cognition score to determine which of 48 inpatient (admitted overnight adult) rehabilitation classes the episode should be assigned to.

Between AN-SNAP V4 and V5 there have been some minor refinements to the positioning of age and FIM score splits, and minor revisions to the impairment-specific weights used for the FIM item scores in the calculation of a motor score; orthopaedic replacement classes (lost in Version 4) have returned and brain injury classes are now split first on cognition FIM scores and second on motor FIM scores. Refer Appendix 3 for the full list of classes and the section Impairment specific weighted FIM scores below for more detail about how the items are weighted. For more information about AN-SNAP class V5 please refer to the AROC website.

## AROC

The Australasian Rehabilitation Outcomes Centre (AROC) is the Australian and New Zealand rehabilitation medicine **integrated outcomes centre** that collects rehabilitation outcome measures at point-of-care from both private and public rehabilitation services across both countries. Established in 2002 it is a joint initiative of the Australasian rehabilitation sector (providers, payers, regulators and consumers) and current membership encompasses close to 100% of all Australian and New Zealand rehabilitation services, who routinely submit deidentified data to AROC for each rehabilitation episode, including information about demographics, process indicators and functional status.

## Benchmark group

Benchmark groups are set nationally for all conditions except for those episodes recorded as brain injury or spinal cord injury (these include those with a major multi trauma involving brain and/or spinal cord injury). Benchmark groups for episodes of brain injury and spinal cord injury are set separately for traumatic and non-traumatic episodes by first admission episodes reported by specialist units binationally.

For Australian episodes and those episodes with a brain injury or spinal cord injury benchmarks are calculated each reporting period using all episodes submitted to AROC during the current reporting period. Commencing with the Calendar Year 2024 benchmark reports New Zealand episodes are benchmarked using the previously published CY2023 New Zealand benchmarks due to decreased episode volume.

# Appendix 1 Glossary

## Casemix-adjusted relative mean

A comparison of some statistics such as length of stay and FIM change is only possible if the groups being compared comprise similar episodes. The specific impairment, level of functional independence, age and other factors relating to the episode have an impact on these statistics. If, for example, your mean length of stay were different from the benchmark group, we could not tell if your episodes really were different or if the difference was merely due to the unique casemix.

To overcome this difficulty, it is possible to statistically control for casemix. This is achieved by adjusting measures such as length of stay and FIM change so that the comparison is only made between similar types of episodes.

In this report we have calculated casemix-adjusted relative mean length of stay and casemix-adjusted relative mean FIM change for completed episodes. To do this, we needed to know the LOS (or FIM change) and AN-SNAP class for each episode as well as the mean LOS (or FIM change) for the benchmark group for each AN-SNAP class. We then calculated the difference between each episode LOS (or FIM change) and the mean LOS (or FIM change) of the appropriate AN-SNAP class. These differences were then averaged to produce the casemix-adjusted relative mean. This may be easier to understand as a set of two equations illustrated below.

**For each episode calculate:**

**LOSdiff = episode's LOS – mean LOS appropriate AN-SNAP class.**

**Casemix-adjusted relative mean = Sum of LOSdiff for all episodes divided by Number of episodes**

A casemix-adjusted relative mean length of stay of, say, -2 days would indicate that, on average, your facility has a LOS of 2 days less than similar episodes in the benchmark group. A casemix-adjusted relative mean FIM change of, say, 4 would indicate that, on average, your facility improved 4 FIM points more than similar episodes in the benchmark group. It is important to consider both of these statistics together. For example, your episodes may have stayed longer than similar episodes in the benchmark group, but they may also have achieved a greater functional improvement.

## Complete/incomplete episode

An episode is considered "complete" for the purpose of calculating outcome statistics in this report if (A) the mode of episode end was either 1 (discharged to final destination) or 2 (discharged to interim destination) AND total FIM score at episode end was greater than 18, or (B) the mode of episode end was 7 (change of care type within sub-acute/non-acute care) AND length of stay greater than 6 days.

# Appendix 1 Glossary

## Confidence interval for a mean

To decide if a difference between your facility's mean score and the benchmark group's mean is statistically significant, look at the two confidence intervals. If they overlap, the difference is not likely to be statistically significant. For example your facility's mean onset to first admission may be 16 days while the benchmark group's mean is 12 days. These values are certainly different, but the difference may not be statistically significant. If the 95% confidence interval of your data were (13 – 19) (i.e. 13 days to 19 days) and that of the benchmark group data set were (10.5 – 13.5) (i.e. 10.5 days to 13.5 days), the difference is not likely to be statistically significant as the two confidence intervals overlap. Note that this is a conservative comparison and is not as accurate as a formal statistical test.

## COVID-19

The immediate impact of COVID-19 in 2020 on rehabilitation was a 12% decline in the number of rehabilitation episodes following temporary suspension of elective surgeries, ward re-assignments and closures, and fewer traumatic accidents. There is still an ongoing impact of COVID-19 on rehabilitation in the form of reduced inpatient beds, increased patient complexity and staffing issues.

The extent of the impact of COVID-19 on the demand for rehabilitation in both the inpatient or community rehabilitation is still being realised. To help measure the impact of COVID, and importantly long COVID, AROC added COVID specific impairment codes, comorbidity and complication codes to the AROC datasets effective July 2022. Appendix 2 lists the COVID impairment codes, which map to AN-SNAP V5 classes 5A91-5A93 & 5AZ3-5AZ4. COVID related data provided to AROC through the adjunct data collection along with entries in the patient comment field have been mapped to the new COVID codes.

- **Guidelines for the collection and coding of COVID-19 AROC data** can be found at <https://documents.uow.edu.au/content/groups/public/@web/@chsd/@aroc/documents/doc/uow272916.pdf>
- **The AROC COVID Coding Decision Tree** can be found at <https://documents.uow.edu.au/content/groups/public/@web/@chsd/@aroc/documents/doc/uow272917.pdf>
- Updated **Data Collection Forms** can be found at <https://ahsri.atlassian.net/wiki/spaces/AD/pages/17268778/Data+Collection+Forms>
- Services who do not have access to the new COVID codes are asked to identify patients who have had COVID-19 in the AROC data set services by entering the relevant **COVID-19 impairment code, comorbidity or complication** (as appropriate) in the patient comment field.

## COVID-19 (cont.)

The potential sequelae of COVID-19 appear to be numerous, so the functional deficits of these patients that result in the need for rehabilitation can be quite varied. To enable comprehensive reporting of rehabilitation outcomes for these patients, the National COVID-19 rehabilitation adjunct data collection was created, in collaboration with the NSW Agency for Clinical Innovation's Rehabilitation Community of Practice.

The national COVID-19 rehabilitation adjunct data collection covers all care settings – in-reach, inpatient and ambulatory – and services do not need to be an AROC member to participate. The data collection is to be completed for **ALL** patients who have received a positive diagnosis of COVID-19 and are now participating in rehabilitation in any care setting (even if COVID codes have been used in the AROC data collection). Where possible and appropriate, the National COVID-19 rehabilitation adjunct data will be linked with the AROC inpatient and/or ambulatory data collections.

The National COVID-19 rehabilitation adjunct data collection is entered online at <https://apps.ahsri.uow.edu.au/redcap/surveys/?s=DR4AE3FHAX>.

All relevant data items must be known prior to commencing data entry as there is no save and resume function. For convenience a data collection form is provided as an optional mechanism to collect the data (available here <https://apps.ahsri.uow.edu.au/downloads/CovidCollection.pdf>).

# Appendix 1 Glossary

## Data Concatenation

Increasingly some jurisdictions have introduced business rules around data collection that have resulted in episodes of rehabilitation being ended and then re-commenced a few days later. AROC definitions would record these as one episode with the period in between defined as a suspension of rehabilitation. Such business rules result in two (or more) episodes of rehabilitation being reported to AROC when only one full episode should be reported.

Whilst this happens much more frequently in some impairment groups (e.g. spinal cord injury & brain injury) it does impact all impairments to some degree. Reporting of multiple episodes impacts outcomes analysis, resulting in shorter than real length of stays and reduced FIM change being reported.

Concatenated episodes will have a revised Length of stay and FIM change (start details will be taken from the identified primary episode; end details from the identified final episode), and will also have a revised number of suspensions (being the sum across all concatenated 'submitted episodes' plus the number of breaks between 'submitted episodes') and a revised number of suspension days (being the sum across all concatenated 'submitted episodes' plus the sum of all days between 'submitted episodes').

Submitted episodes to AROC are identified for concatenation based on the following rules:

- Subsequent episodes MUST have same impairment code and be from same reporting facility with same MRN and DOB.
- Leading episode must be discharged into the hospital system with following episode being admitted from hospital system.
- Number of days between episodes being 0-14 days for spinal and 0-7 days for all other impairments.

To make it easier for AROC to identify episodes that should be concatenated in January 2014 the data item Mode of Episode Start had an additional code set value added: **9 = recommenced rehabilitation episode following suspension.**

## Data completeness score

The data completeness score is the average percent reported for all AROC data items (including impairment specific items where relevant) with the exception of those items that are optional. Path, facility code, facility name, MRN and episode end date are not included as these fields are used to extract the data for reporting.

# Appendix 1 Glossary

## Functional Independence Measure (FIM)

The Functional Independence Measure (FIM) is used as a tool to assess the functional independence of patients at episode start and end.

- The **FIM motor score** is the sum of the scores obtained for the first thirteen (13) items in the FIM instrument. A higher FIM motor score indicates a greater level of functional independence in motor skills.
- The **FIM cognition score** is the sum of the scores obtained for the final five (5) items in the FIM instrument. A higher FIM cognition score indicates better cognitive function.

## FIM change

The change in functional status from the beginning to the end of the episode is measured by the change in FIM score. This is calculated as the FIM score at the end of the episode minus the FIM score at the start of the episode. In some instances the change in total FIM score (the sum of items 1 to 18) is calculated. In other cases either the change in FIM motor score (the sum of items 1 to 13) or the change in FIM cognition score (the sum of items 14 to 18) is calculated.

A higher FIM score corresponds to higher level of function while a lower FIM score represents less functional independence. This means that a positive value for the change in FIM score indicates functional improvement during the episode. A negative value for the change in FIM score indicates a decline in functional independence during the episode.

## FIM efficiency

AROC reports FIM efficiency as the rate of functional improvement per week. It can be reported at the episode level or group level (e.g. AN-SNAP class, service, national). At the episode level, FIM efficiency is calculated as FIM change divided by length of stay (LOS, in days), multiplied by seven to express the rate of improvement per week. At the group level, FIM efficiency is calculated as the mean of the individual episode-level FIM efficiencies per week within the group.

## Impairment-specific weighted FIM motor scores

AN-SNAP v5, like Version 4, uses impairment-specific weighted FIM motor scores in the inpatient (admitted overnight adult) rehabilitation classes. Weights reflect the relative impact of each item on the cost of caring for the rehabilitation patient. If an item has a weight of more than 1, it will have an impact on the cost of care that is more than average – a weight less than 1 implies the impact will be less than average. Within each impairment type, the weights are scaled to sum to 13 – thus both weighted and unweighted scores range from a minimum of 13 to a maximum of 91. Where impairments are grouped together in the classification, a single set of weights for that group has been derived. The exception is the FIM motor item stairs where all weights were set to 1.

## Interquartile range (IQR)

The middle 50% — between the 25% percentile and the 75% percentile.

## Length of stay (LOS)

The length of stay (LOS) of an episode is the number of days on which care has been provided. It is calculated as the end date minus the start date, minus the number of leave days during the episode.

## Mean

The mean, or average, is a measure of the "centre" of your data. It is calculated by adding all data values and dividing by the number of values. The mean can be used to calculate a total. For example, if the mean length of stay were 21 days for a group of 30 episodes, the total number of bed days could be calculated as 21 multiplied by 30.

## Mean or median - which to use?

The mean and the median are both measures of the "centre" of your data. For data that are symmetric about the mean (e.g. normally distributed data), the mean and the median will be close to each other. However they may have very different values for some data sets.

As an example, consider length of stay. Typically, most episodes within a class will have roughly the same length of stay. However, there will be a few episodes that are longer than the others and a smaller number that are very long. These longer lengths of stay have the effect of increasing the mean length of stay, but have little or no effect on the median.

If you want to know how long episodes in this class "typically" stay, you will probably be interested in the median as this gives you the middle value - half the episodes are longer and half the episodes are shorter. If, however, your interest is in allocation of resources and you want to know how long episodes stay on average, or if you want to get an idea of the total number of days of care provided to episodes in this class, you will need to look at the mean. (The total days can be calculated by multiplying the mean with the number in the class).

## Median

The median provides the middle value of your data – half the values lie above it and half the values lie below. For example, if your median length of stay were 20 days, half of your episodes would have stayed for 20 days or less, while the other half would have stayed 20 days or longer. Note that the median, unlike the mean, cannot be used to calculate the total number of bed days.

# Appendix 1 Glossary

## Relative Functional Gain (RFG)

FIM change measures the absolute difference between admission FIM and discharge FIM scores, i.e. client 1 had a 10 point improvement (admission 46 - discharge 56) and client 2 also had a ten point improvement (admission 116 - discharge 126). FIM change does not take into account the proportion of FIM change possible, i.e. client 1 improved 10 points out of possible 80 (126-46) and client 2 improved 10 points out of a possible 10 (126-116). So not all patients that improve 10 FIM points are the same. This proportion of FIM change possible is known as the Relative Functional Gain (RFG) and tries to take into account the amount of FIM gain possible. RFG is calculated as follows:

- If actual FIM change > 0 [improved]
  - **(Discharge FIM - Admission FIM)/(126 - Admission FIM)**
    - e.g.  $(90 - 50)/(126-50) = 40/76 = 52.6\%$
- If actual FIM change < 0 [declined]
  - **(Discharge FIM - Admission FIM)/ (Admission FIM)**
    - e.g.  $(90 - 100)/100 = -10/100 = -10\%$
- If actual FIM change = 0 [no change]
  - 0%

## Submitted versus reporting episodes

Submitted episodes are those submitted to AROC either via direct data entry or upload through AROC Online Services. These episodes have not been concatenated.

The reporting data used by AROC in this report is made up of concatenated episodes. For most episodes there is no difference between the submitted episode and the one used for reporting.

# Appendix 1: Glossary

## Valid FIM

For an episode to have a Valid FIM flag it must be a complete episode and each of the 18 items on admission and discharge must have been answered with a valid response of 1-7. The Valid FIM flag is used in analysis which measures FIM scores as an outcome.

## Valid LOS

For an episode to have a Valid LOS flag it must be a complete episode with a length of stay ranging between 1 and 500 days. The Valid LOS flag is used in analysis which measures LOS as an outcome.

## Version 4 data set

The version 4 (V4) AROC dataset was introduced on 1 July 2012. V4 is designed as a bank of data items, combinations of which are used to describe 4 possible pathways of care (see the AROC website for more information about the different pathways). NOTE: This report utilises only Pathway 3 data (inpatient direct care).

# Appendix 2: AROC Impairment Codes

## STROKE

### Haemorrhagic

- 1.11 Left body involvement
- 1.12 Right body involvement
- 1.13 Bilateral involvement
- 1.14 No paresis
- 1.19 Other haemorrhagic stroke

### Ischaemic

- 1.21 Left body involvement (right brain)
- 1.22 Right body involvement (left brain)
- 1.23 Bilateral involvement
- 1.24 No paresis
- 1.29 Other ischaemic stroke

## BRAIN INJURY

### Non-traumatic

- 2.11 Sub-arachnoid haemorrhage
- 2.12 Anoxic brain damage
- 2.13 Other non-traumatic brain injury

### Traumatic

- 2.21 Open injury
- 2.22 Closed injury

## NEUROLOGICAL CONDITIONS

- 3.1 Multiple Sclerosis
- 3.2 Parkinsonism
- 3.3 Polyneuropathy
- 3.4 Guillian-Barre
- 3.5 Cerebral palsy
- 3.8 Neuromuscular disorders
- 3.9 Other neurological conditions

## SPINAL CORD INJURY

### Non traumatic spinal cord injury

- 4.111 Paraplegia, incomplete
- 4.112 Paraplegia, complete
- 4.1211 Quadriplegia, incomplete C1-4
- 4.1212 Quadriplegia, incomplete C5-8
- 4.1221 Quadriplegia, complete C1-4
- 4.1222 Quadriplegia, complete C5-8
- 4.13 Other non-traumatic spinal cord injury

### Traumatic spinal cord injury

- 4.211 Paraplegia, incomplete
- 4.212 Paraplegia, complete
- 4.2211 Quadriplegia, incomplete C1-4
- 4.2212 Quadriplegia, incomplete C5-8
- 4.2221 Quadriplegia, complete C1-4
- 4.2222 Quadriplegia, complete C5-8
- 4.23 Other traumatic spinal cord injury

## AMPUTATION OF LIMB

### Not resulting from trauma

- 5.11 Single upper above elbow
- 5.12 Single upper below elbow
- 5.13 Single lower above knee (includes through knee)
- 5.14 Single lower below knee
- 5.15 Double lower above knee (includes through knee)
- 5.16 Double lower above/below knee
- 5.17 Double lower below knee
- 5.18 Partial foot (single or double)
- 5.19 Other amputation not from trauma

## AMPUTATION OF LIMB

### Resulting from trauma

- 5.21 Single upper above elbow
- 5.22 Single upper below elbow
- 5.23 Single lower above knee (includes through knee)
- 5.24 Single lower below knee
- 5.25 Double lower above knee (includes through knee)
- 5.26 Double lower above/below knee
- 5.27 Double lower below knee
- 5.28 Partial foot (single or double)
- 5.29 Other amputation from trauma

## ARTHRITIS

- 6.1 Rheumatoid arthritis
- 6.2 Osteoarthritis
- 6.9 Other arthritis

## PAIN SYNDROMES

- 7.1 Neck pain
- 7.2 Back Pain
- 7.3 Extremity pain
- 7.4 Headache (includes migraine)
- 7.5 Multi-site pain
- 7.9 Other pain (includes abdo/chest wall)

# Appendix 2: AROC Impairment Codes

## ORTHOPAEDIC CONDITIONS

### Fractures (includes dislocation)

- 8.111 Fracture of hip, unilateral (incl. #NOF)
- 8.112 Fracture of hip, bilateral (incl. #NOF)
- 8.12 Fracture of shaft of femur
- 8.13 Fracture of pelvis
- 8.141 Fracture of knee
- 8.142 Fracture of lower leg, ankle, foot
- 8.15 Fracture of upper limb
- 8.16 Fracture of spine
- 8.17 Fracture of multiple sites
- 8.19 Other orthopaedic fracture

### Post Orthopaedic Surgery

- 8.211 Unilateral hip replacement
- 8.212 Bilateral hip replacement
- 8.221 Unilateral knee replacement
- 8.222 Bilateral knee replacement
- 8.231 Knee and hip replacement, same side
- 8.232 Knee and hip replacement, diff sides
- 8.24 Shoulder replacement
- 8.25 Post spinal surgery
- 8.26 Other orthopaedic surgery

### Soft tissue injury

- 8.3 Soft tissue injury

## CARDIAC

- 9.1 Following recent onset of new cardiac impairment
- 9.2 Chronic cardiac insufficiency
- 9.3 Heart and heart/lung transplant

## PULMONARY

- 10.1 Chronic obstructive pulmonary disease
- 10.2 Lung transplant
- 10.9 Other pulmonary

## BURNS

- 11 Burns

## CONGENITAL DISORDERS

- 12.1 Spina bifida
- 12.9 Other congenital disorder

## OTHER DISABLING IMPAIRMENTS

- 13.1 Lymphoedema
- 13.3 Functional Neurological Disorder (conversion disorder)
- 13.9 Other disabling impairments that cannot be classified into a specific group

## MAJOR MULTIPLE TRAUMA

- 14.1 Brain + spinal cord injury
- 14.2 Brain + multiple fracture/amputation
- 14.3 Spinal cord + multi fracture/amputation
- 14.9 Other multiple trauma

## DEVELOPMENTAL DISABILITIES

- 15.1 Developmental disabilities (excludes cerebral palsy)

## RE-CONDITIONING/RESTORATIVE

- 16.1 Re-conditioning following surgery
- 16.2 Reconditioning following medical illness
- 16.3 Cancer rehabilitation

## COVID-19 CONDITIONS

- 18.1 COVID-19 with pulmonary issues
- 18.2 COVID-19 with deconditioning
- 18.9 COVID-19 all other

# Appendix 3: AN-SNAP V5 Overnight Rehabilitation Classes

## Class Description of AN-SNAP Class

- 5AZ1** Weighted FIM Motor score 13-18, Brain, Spine, MMT, Burns, Age >= 59
- 5AZ2** Weighted FIM Motor score 13-18, Brain, Spine, MMT, Burns, Age <= 58
- 5AZ3** Weighted FIM Motor score 13-18, All other impairments, Age >= 79
- 5AZ4** Weighted FIM Motor score 13-18, All other impairments, Age 18 - 78
- 5AA1** Stroke, Weighted FIM Motor 63 - 91, FIM Cognition 30 - 35
- 5AA2** Stroke, Weighted FIM Motor 63 - 91, FIM Cognition 21 - 29
- 5AA3** Stroke, Weighted FIM Motor 63 - 91, FIM Cognition 5 - 20
- 5AA4** Stroke, Weighted FIM Motor 44 - 62, FIM Cognition 18 - 35
- 5AA5** Stroke, Weighted FIM Motor 44 - 62, FIM Cognition 5 - 17
- 5AA6** Stroke, Weighted FIM Motor 19 - 43, Age >= 80
- 5AA7** Stroke, Weighted FIM Motor 19 - 43, Age 67 - 79
- 5AA8** Stroke, Weighted FIM Motor 19 - 43, Age 18 - 66
- 5AB1** Brain injury, FIM Cognition 27 - 35 Weighted FIM Motor 59 - 91
- 5AB2** Brain injury, FIM Cognition 27 - 35 Weighted FIM Motor 19 - 58
- 5AB3** Brain injury, FIM Cognition 19 - 26 Weighted FIM Motor 50 - 91
- 5AB4** Brain injury, FIM Cognition 19 - 26 Weighted FIM Motor 19 - 49
- 5AB5** Brain injury, FIM Cognition 5 - 18 Weighted FIM Motor 39 - 91
- 5AB6** Brain injury, FIM Cognition 5 - 18 Weighted FIM Motor 19 - 38
- 5AC1** Neurological conditions, Weighted FIM Motor 70 - 91
- 5AC2** Neurological conditions, Weighted FIM Motor 50 - 69
- 5AC3** Neurological conditions, Weighted FIM Motor 19 - 49
- 5AD1** Spinal cord injury, Weighted FIM Motor 55 - 91
- 5AD2** Spinal cord injury, Weighted FIM Motor 37 - 54
- 5AD3** Spinal cord injury, Weighted FIM Motor 19 - 36

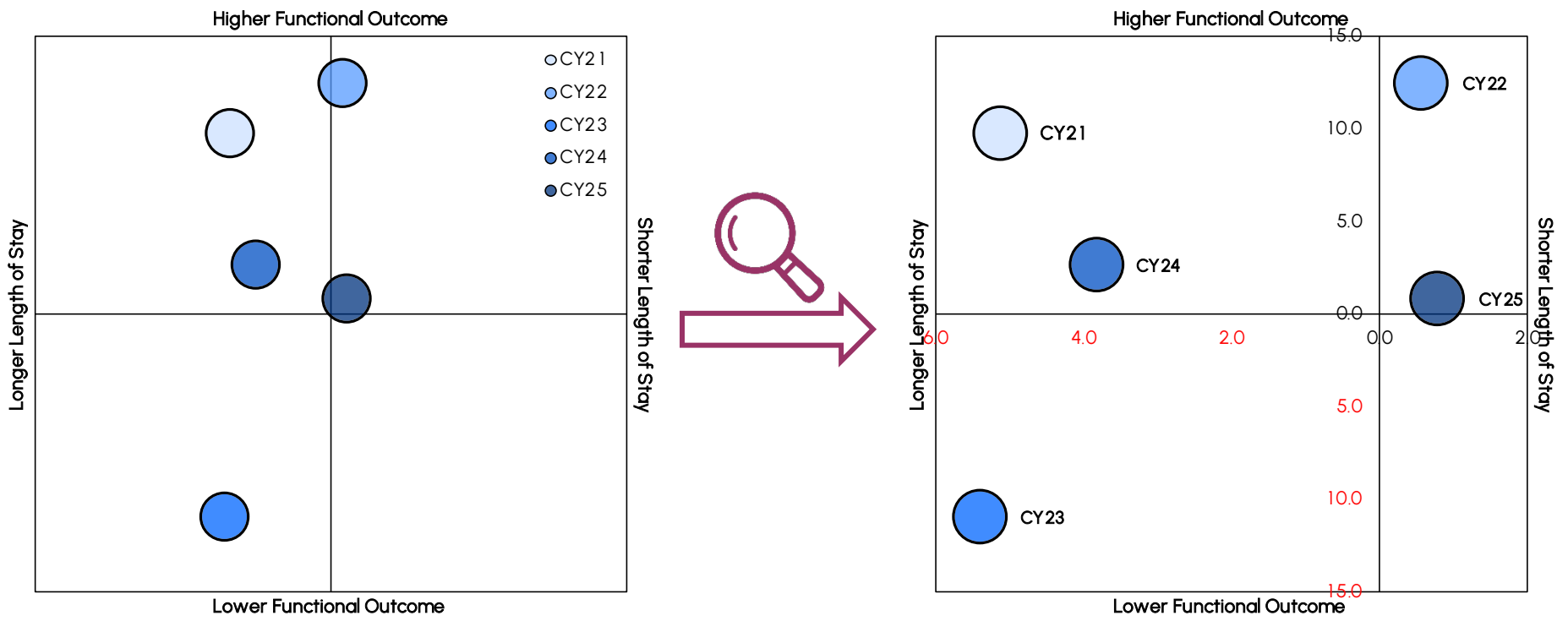
## Class Description of AN-SNAP Class

- 5AE1** Amputation of limb, Weighted FIM Motor 19 - 91
- 5AH1** Orthopaedic conditions, fractures, Weighted FIM Motor 48 - 91, FIM Cognition 33 - 35
- 5AH2** Orthopaedic conditions, fractures, Weighted FIM Motor 48 - 91, FIM Cognition 21 - 32
- 5AH3** Orthopaedic conditions, fractures, Weighted FIM Motor 48 - 91, FIM Cognition 5 - 20
- 5AH4** Orthopaedic conditions, fractures, Weighted FIM Motor 19 - 47
- 5A41** Orthopaedic conditions, replacement (knee, hip, shoulder), Weighted FIM Motor 61 - 91
- 5A42** Orthopaedic conditions, replacement (knee, hip, shoulder), Weighted FIM Motor 45 - 60
- 5A43** Orthopaedic conditions, replacement (knee, hip, shoulder), Weighted FIM Motor 19 - 44
- 5A21** Orthopaedic conditions, all other, Weighted FIM Motor 57 - 91
- 5A22** Orthopaedic conditions, all other, Weighted FIM Motor 41 - 56
- 5A23** Orthopaedic conditions, all other, Weighted FIM Motor 19 - 40
- 5A31** Cardiac, Pain syndromes, and Pulmonary, Weighted FIM Motor 66 - 91
- 5A32** Cardiac, Pain syndromes, and Pulmonary, Weighted FIM Motor 38 - 65
- 5A33** Cardiac, Pain syndromes, and Pulmonary, Weighted FIM Motor 19 - 37
- 5AP1** Major Multiple Trauma, Weighted FIM Motor 51 - 91
- 5AP2** Major Multiple Trauma, Weighted FIM Motor 19 - 50
- 5AR1** Reconditioning, Weighted FIM Motor 64 - 91, FIM Cognition 29 - 35
- 5AR2** Reconditioning, Weighted FIM Motor 64 - 91, FIM Cognition 5 - 28
- 5AR3** Reconditioning, Weighted FIM Motor 48 - 63, FIM Cognition 19 - 35
- 5AR4** Reconditioning, Weighted FIM Motor 48 - 63, FIM Cognition 5 - 18
- 5AR5** Reconditioning, Weighted FIM Motor 19 - 47
- 5A91** All other impairments, Weighted FIM Motor 61 - 91
- 5A92** All other impairments, Weighted FIM Motor 42 - 60
- 5A93** All other impairments, Weighted FIM Motor 19 - 41
- 599A** (Ungroupable)

# Appendix 4: Rehabilitation outcomes at your facility over time

The quadrant graphs below show your facility's position on the quadrant graph over the last five calendar year benchmark reports. The graph on the right shows the same data as the graph on the left but has been rescaled to fit all your data; axis labels are provided.

Unlike all other time series data presented in this report, each facility marker on the quadrant graphs below is calculated using that calendar year's benchmarks. This means the position will be identical to that calendar year's report (e.g. CY24 position is calculated using the CY24 benchmarks and will be in the same position as it appears on your CY24 report quadrant graph).



NCLUDES: complete episodes with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP class (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.  
 NOTE 1: Benchmarks for the years before 2022 were created using AN-SNAP V4 classes, while benchmarks from 2022 and onwards used AN-SNAP V5 classes.  
 NOTE 2: facility marker will not be shown in either graph for each year where <20 episodes. Facility markers outside the published scale (left) will appear in the rescaled graph on the right.

# Appendix 5: How AROC reports FIM efficiency

FIM efficiency represents the rate of functional improvement over time. FIM efficiency reported by AROC indicates the typical improvement in FIM score over a one-week period.

AROC reports FIM efficiency at both the **episode level** and the **group level** (e.g. AN-SNAP class, service, or national level).

## **EPIISODE LEVEL**

At the episode level, FIM efficiency is calculated by dividing the amount of functional improvement (FIM change) by the length of stay in days (LOS) for the episode.

This produces a daily rate of improvement, which is multiplied by seven to express the rate of improvement per week.

Episode-level FIM efficiency is available in data extracts only. In reporting outputs, episode-level values are used to calculate group-level FIM efficiency.

## **GROUP LEVEL**

At the group level, FIM efficiency is calculated as the mean of the individual episode-level FIM efficiencies per week within the group.

Groups may include episodes within an AN-SNAP class, service, state or national dataset.

This approach reflects the mean efficiency of individual episodes within the group and allows AROC to calculate 95% confidence intervals for the reported values.

- **AROC wish to acknowledge the valuable contributions made by:**
  - Members of the Management Advisory Group of the Australasian Rehabilitation Outcomes Centre
  - The many staff from the rehabilitation facilities who have spent a great deal of time and care to collect, collate and correct the data, without whose considerable effort these reports would not be possible.
- **Disclaimer**

AROC has made every effort to ensure that the data used in these reports are accurate. Data submitted to AROC are checked for anomalies and facilities are asked to re-submit data prior to the production of AROC reports. We have provided general guidelines on the interpretation of the information reported but would advise readers to use their professional judgement in considering all information contained in this report.
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- **Suggested acknowledgement**

Anywhere Hospital AROC Impairment Specific Report on Orthopaedic Fractures (Inpatient - pathway 3), 1 January 2025 – 31 December 2025. Australasian Rehabilitation Outcomes Centre (2026).

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