

# AROC Impairment Specific Report

## Orthopaedic Replacements

### 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?

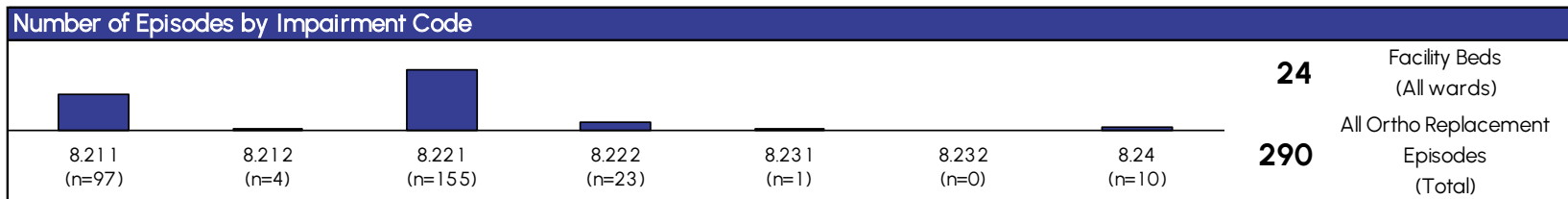
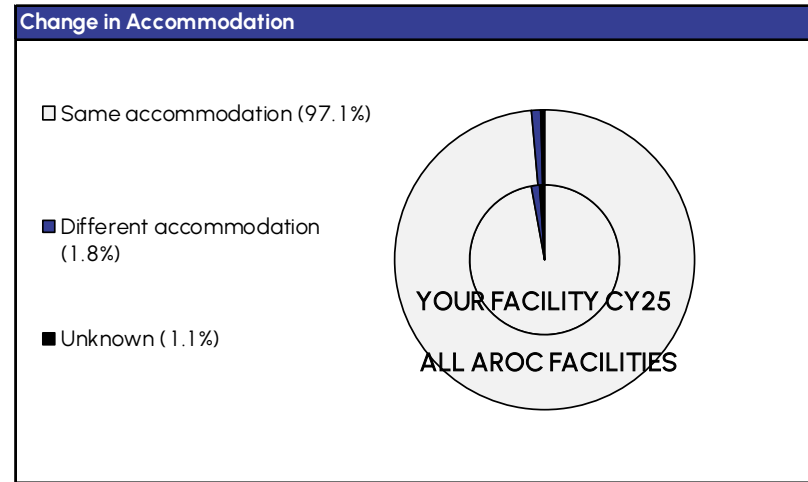
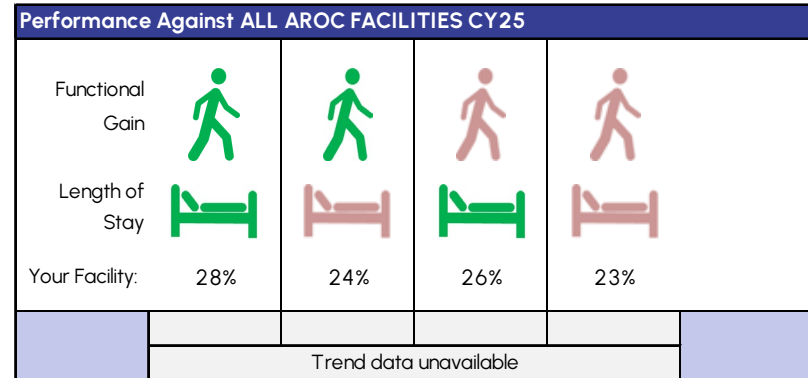
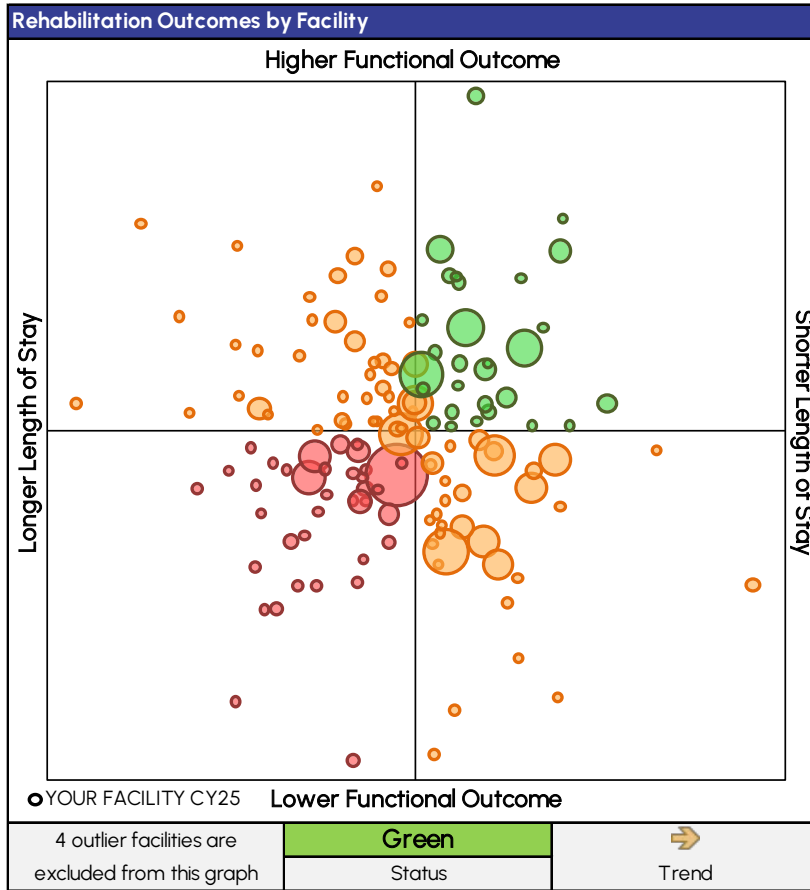
As part of AROC's routine quality assurance processes, we recently undertook a review of how **FIM Efficiency** is calculated and presented across our reporting outputs. Our review identified some inconsistencies in terminology (e.g. FIM gain vs FIM efficiency), the use of daily versus weekly rates,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



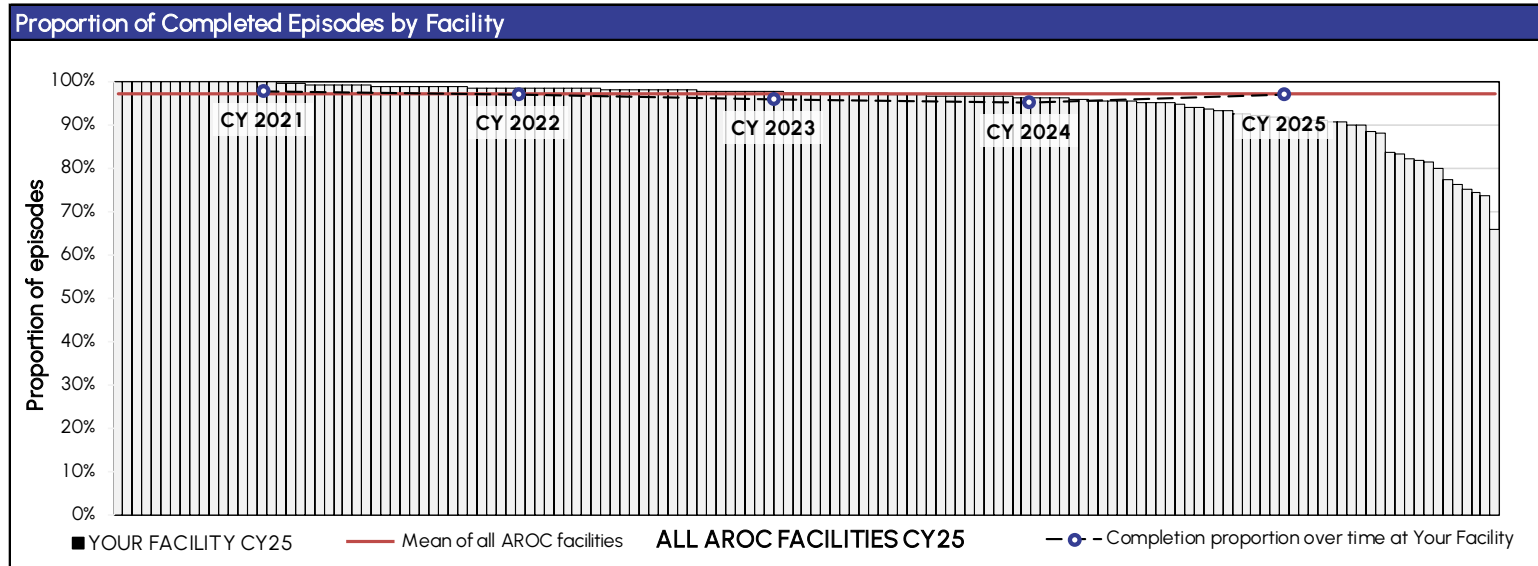
# Orthopaedic Replacements Dashboard

Key Indicators*	
YOUR FACILITY CY25	ALL AROC FACILITIES CY25
Age: 73.0	Age: 72.7
Mortality Rate: 0.0%	Mortality Rate: 0.0%
% with at least one comorbidity: 36%	% with at least one comorbidity: 36%
% with at least one complication: 8%	% with at least one complication: 9%
% episodes with start delays: 5%	% episodes with start delays: 7%
Days between onset and rehab episode: 5.7	Days between onset and rehab episode: 5.8
Days between clinically rehab ready & start date: 0.8	Days between clinically rehab ready & start date: 0.1

\* Mean value provided unless otherwise specified

Facility FIM Training*	
FIM Credentialed Staff per 100 Episodes	FIM Credentialed Facility Trainers
 7.8 YOUR FACILITY CY25	<b>3</b> Your Facility
 7.5 #NAME? (Mean)	<b>2</b> AROC Suggested Minimum

\*This includes all impairments from all wards



# Data used in this report

- Orthopaedic replacement episodes discharged during the reporting period (1 January 2025 – 31 December 2025) and time series data covering five years.
- Benchmark group is ALL AROC FACILITIES.
- Casemix analysis uses version 5 AN-SNAP classes (Appendix 3). Casemix adjustment is calculated against ALL AROC FACILITIES' 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 and tables are noted in the inclusion footi
- Facilities will only receive this report when the facility reports a minimum of 20 completed orthopaedic replacement 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 replacement impairment codes

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

- 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

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

# Orthopaedic replacement AN-SNAP classes

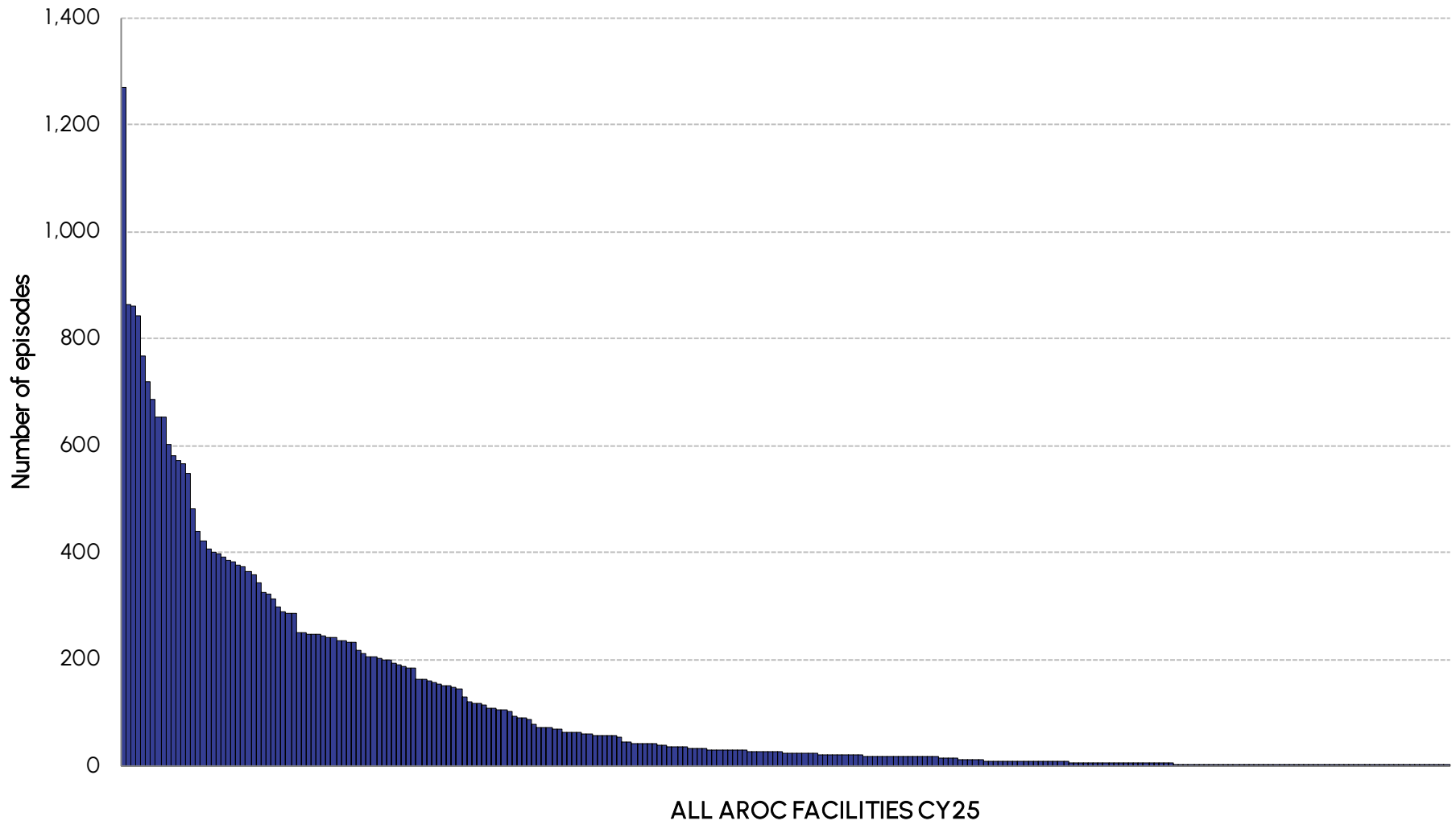
Levels of functioning for orthopaedic replacements are categorised by the following version 5 AN-SNAP classes:

- 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
- 5AZ3 – Weighted FIM Motor score 13-18, All other impairments, Age  $\geq$  79
- 5AZ4 – Weighted FIM Motor score 13-18, All other impairments, Age 18 - 78

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

# The BIG picture

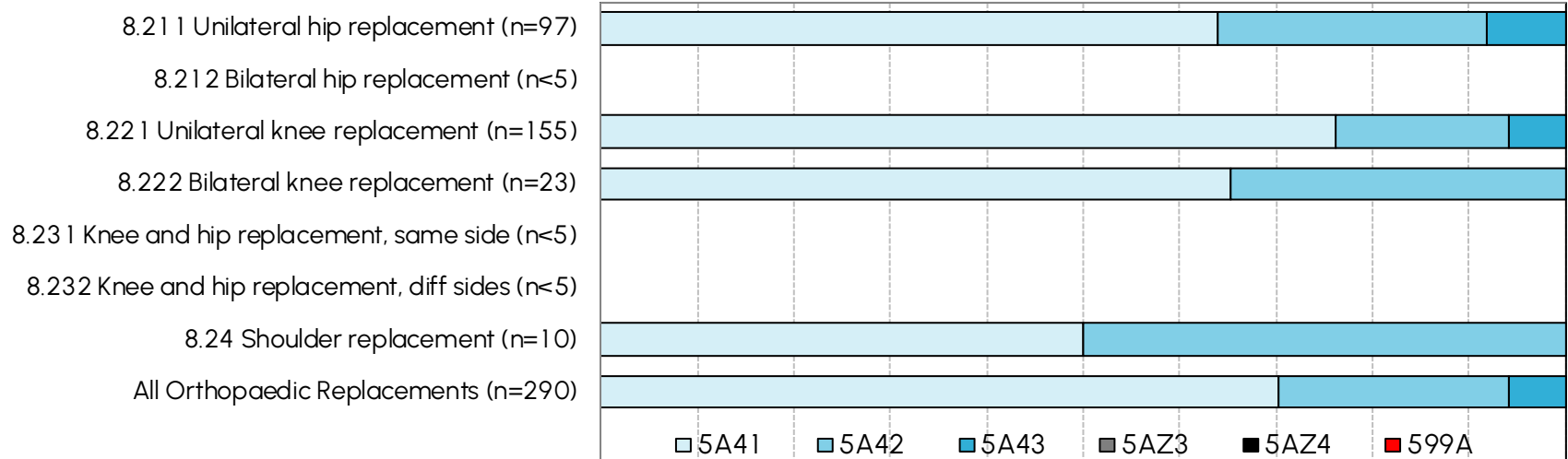
# Volume of episodes by facilities treating orthopaedic replacements



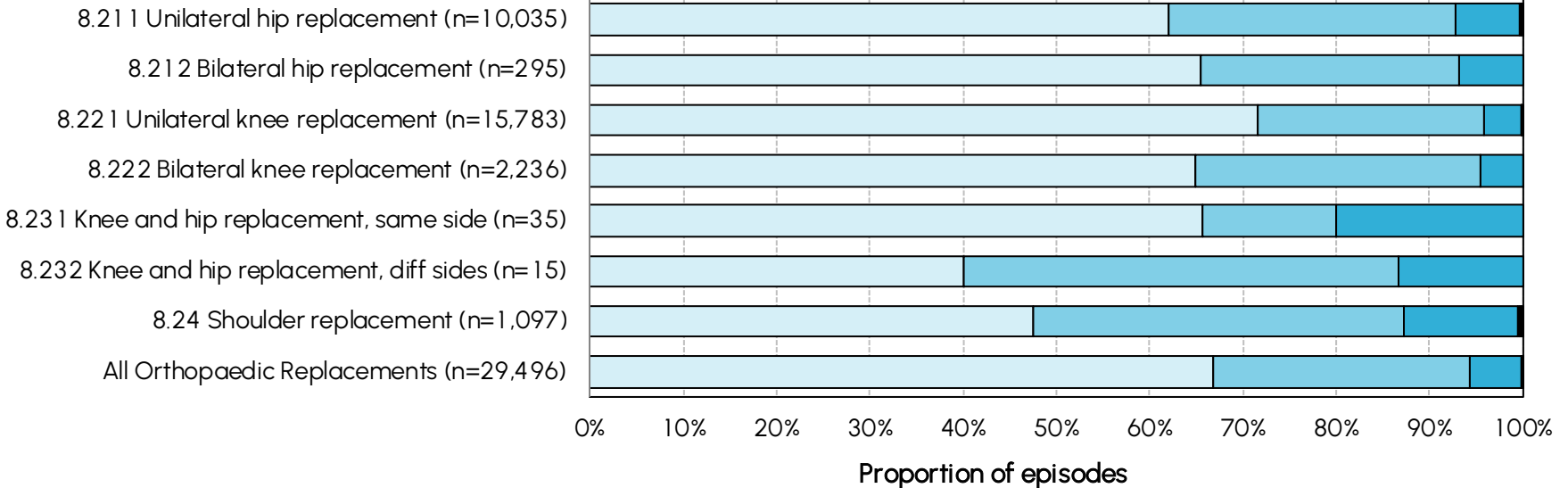
NOTE: 265 facilities reported at least one orthopaedic replacement episode, with 154 facilities reporting between 20 and 1,270 episodes in this reporting period

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

YOUR FACILITY CY25



ALL AROC FACILITIES CY25



INCLUDES: episodes with a valid impairment code and groupable AN-SNAP class (not 599A).

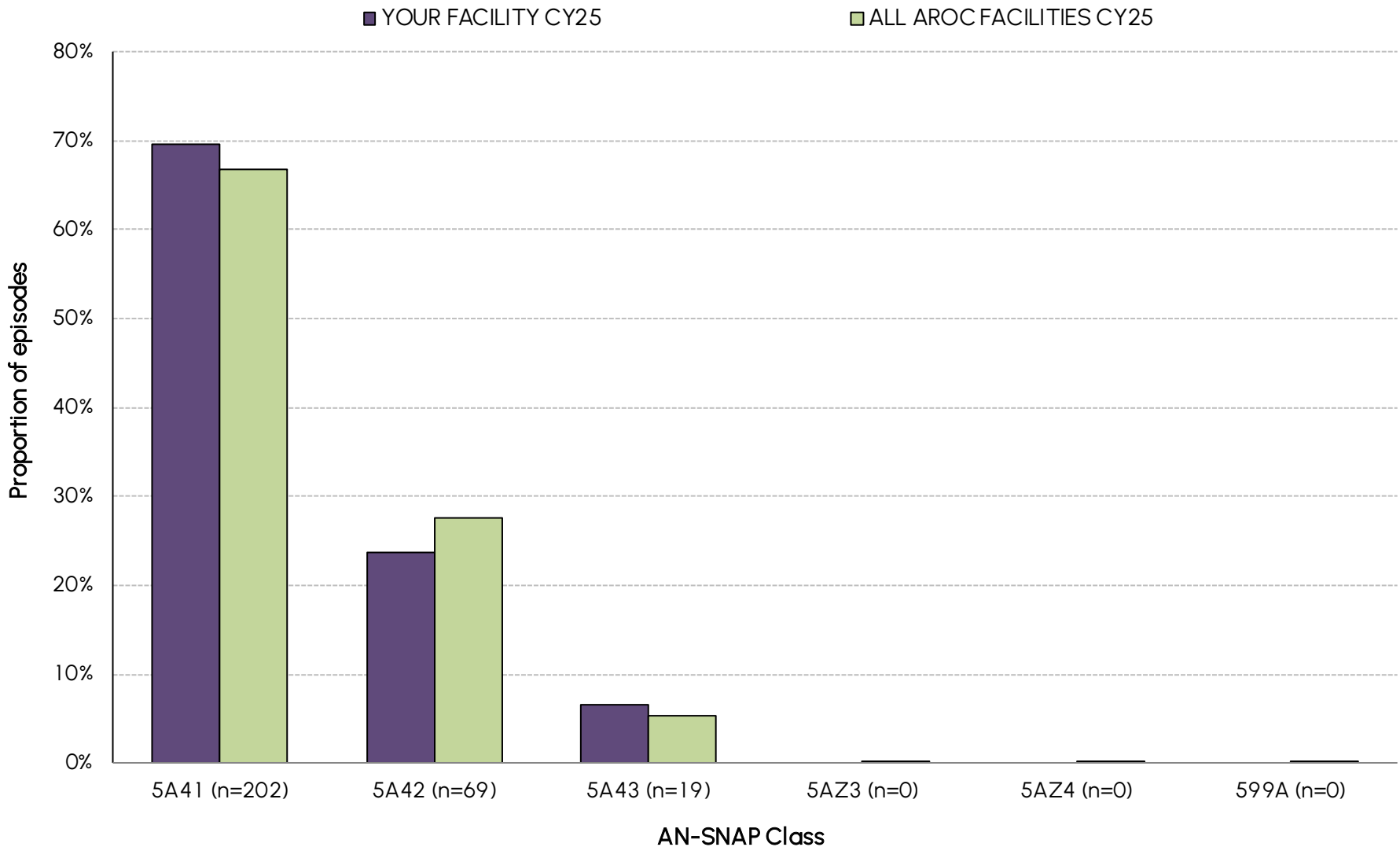
# Summary of episodes by impairment code and AN-SNAP class

YOUR FACILITY CY25 — N (%)									
Impairment code	5A41	5A42	5A43	5AZ3	5AZ4	599A	All Replacement AN-SNAP classes		
8.211 Unilateral hip replacement	62 (63.9)	27 (27.8)	8 (8.2)	0 (0.0)	0 (0.0)	0 (0.0)	97	(100.0)	
8.212 Bilateral hip replacement	1 (25.0)	1 (25.0)	2 (50.0)	0 (0.0)	0 (0.0)	0 (0.0)	4	(100.0)	
8.221 Unilateral knee replacement	118 (76.1)	28 (18.1)	9 (5.8)	0 (0.0)	0 (0.0)	0 (0.0)	155	(100.0)	
8.222 Bilateral knee replacement	15 (65.2)	8 (34.8)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	23	(100.0)	
8.231 Knee and hip replacement, same side	1 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1	(100.0)	
8.232 Knee and hip replacement, diff sides	0 —	0 —	0 —	0 —	0 —	0 —	0	—	
8.24 Shoulder replacement	5 (50.0)	5 (50.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	10	(100.0)	
<b>All Orthopaedic Replacements</b>	<b>202 (69.7)</b>	<b>69 (23.8)</b>	<b>19 (6.6)</b>	<b>0 (0.0)</b>	<b>0 (0.0)</b>	<b>0 (0.0)</b>	<b>290</b>	<b>(100.0)</b>	

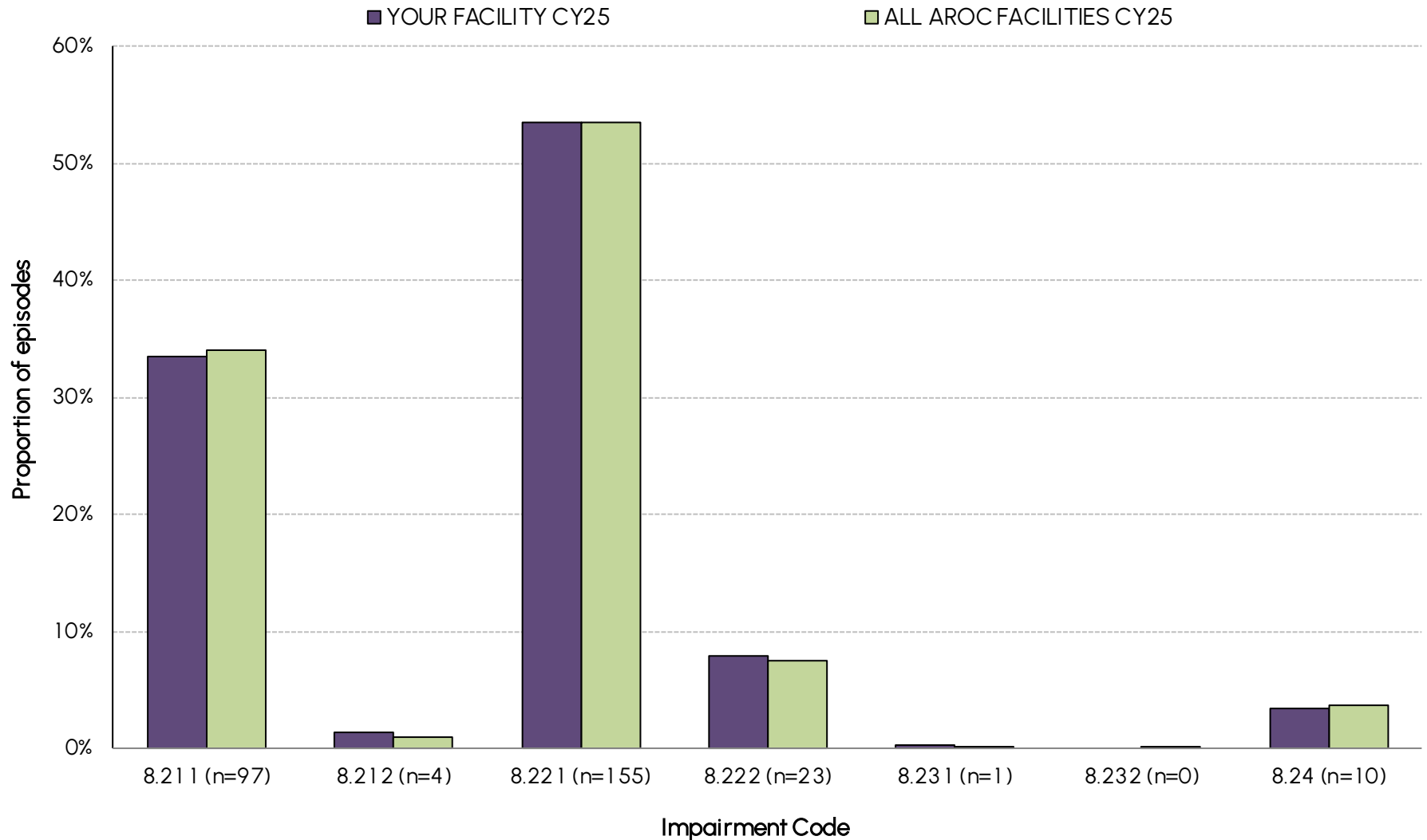
ALL AROC FACILITIES CY25 — N (%)									
Impairment code	5A41	5A42	5A43	5AZ3	5AZ4	599A	All Replacement AN-SNAP classes		
8.211 Unilateral hip replacement	6,227 (62.0)	3,079 (30.7)	697 (6.9)	21 (0.2)	11 (0.1)	(n<5) —	10,039	(100.0)	
8.212 Bilateral hip replacement	193 (65.4)	82 (27.8)	20 (6.8)	0 (0.0)	0 (0.0)	0 (0.0)	295	(100.0)	
8.221 Unilateral knee replacement	11,311 (71.6)	3,826 (24.2)	634 (4.0)	(n<5) —	9 (0.1)	8 (0.1)	15,791	(100.0)	
8.222 Bilateral knee replacement	1,450 (64.8)	684 (30.6)	101 (4.5)	(n<5) —	0 (0.0)	0 (0.0)	2,236	(100.0)	
8.231 Knee and hip replacement, same side	23 (65.7)	5 (14.3)	7 (20.0)	0 (0.0)	0 (0.0)	0 (0.0)	35	(100.0)	
8.232 Knee and hip replacement, diff sides	6 (40.0)	7 (46.7)	(n<5) —	0 (0.0)	0 (0.0)	0 (0.0)	15	(100.0)	
8.24 Shoulder replacement	522 (47.5)	435 (39.6)	136 (12.4)	(n<5) —	(n<5) —	(n<5) —	1,098	(100.0)	
<b>All Orthopaedic Replacements</b>	<b>19,732 (66.9)</b>	<b>8,118 (27.5)</b>	<b>1,597 (5.4)</b>	<b>27 (0.1)</b>	<b>22 (0.1)</b>	<b>13 (0.0)</b>	<b>29,509</b>	<b>(100.0)</b>	

DATA SUPPRESSION: when <5 episodes data is suppressed.

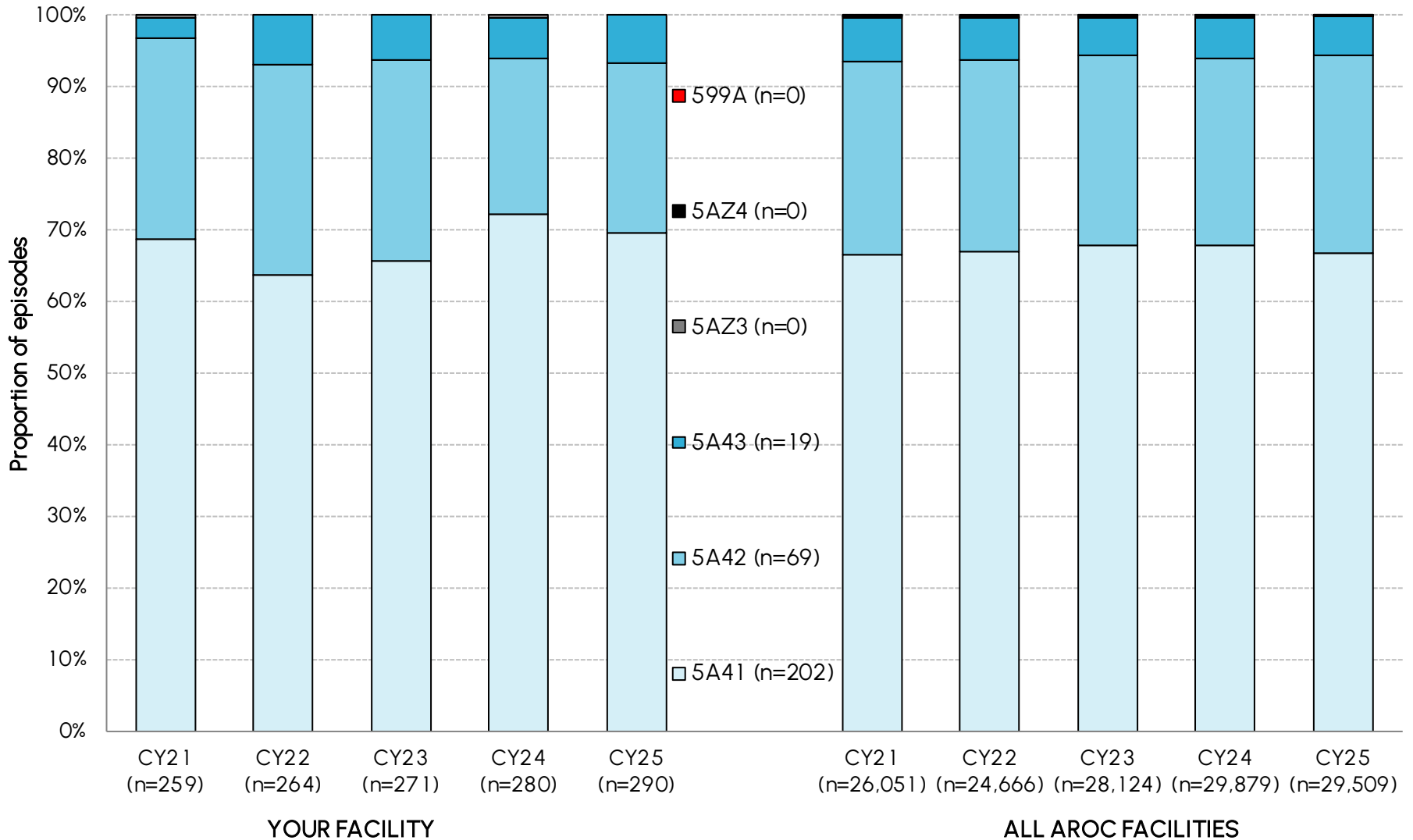
# Proportion of episodes by AN-SNAP class



# Proportion of episodes by impairment code



# Proportion of episodes by AN-SNAP class over time

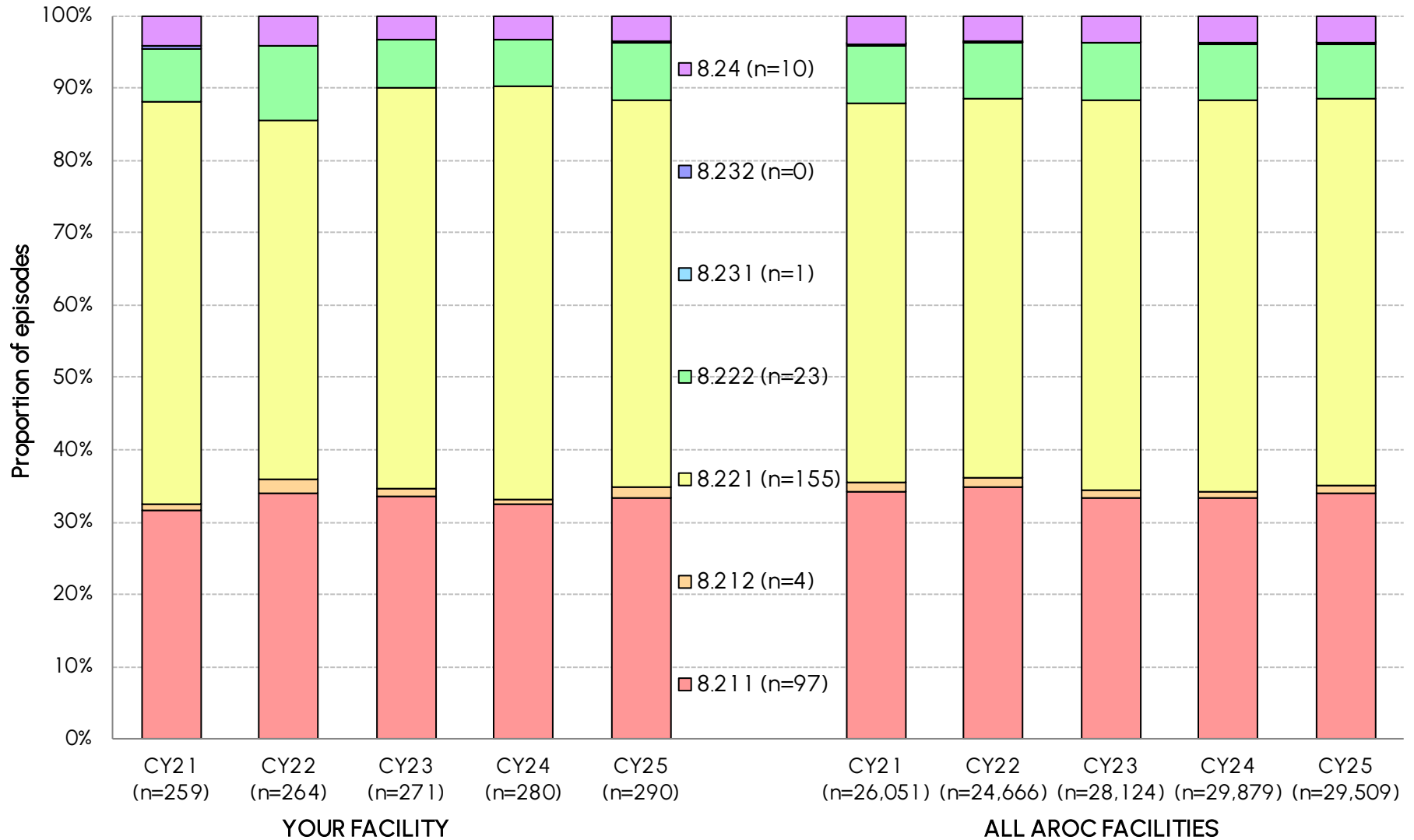


# Summary of episodes by AN-SNAP class over time

AN-SNAP class V5	YOUR FACILITY — N					ALL AROC FACILITIES — N				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
5A41 (weighted motor 61-91)	178	168	178	202	202	17,358	16,553	19,112	20,270	19,732
5A42 (weighted motor 45-60)	73	78	76	61	69	7,002	6,603	7,418	7,830	8,118
5A43 (weighted motor 19-44)	7	18	17	16	19	1,608	1,401	1,508	1,699	1,597
5AZ3 (motor 13-18, Age ≥ 79)	1	0	0	1	0	36	38	36	33	27
5AZ4 (motor 13-18, Age ≤ 78)	0	0	0	0	0	25	27	29	33	22
599A (Ungroupable)	0	0	0	0	0	22	44	21	14	13
<b>All Replacement AN-SNAP classes</b>	<b>259</b>	<b>264</b>	<b>271</b>	<b>280</b>	<b>290</b>	<b>26,051</b>	<b>24,666</b>	<b>28,124</b>	<b>29,879</b>	<b>29,509</b>

AN-SNAP class V5	YOUR FACILITY — %					ALL AROC FACILITIES — %				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
5A41 (weighted motor 61-91)	68.7	63.6	65.7	72.1	69.7	66.6	67.1	68.0	67.8	66.9
5A42 (weighted motor 45-60)	28.2	29.5	28.0	21.8	23.8	26.9	26.8	26.4	26.2	27.5
5A43 (weighted motor 19-44)	2.7	6.8	6.3	5.7	6.6	6.2	5.7	5.4	5.7	5.4
5AZ3 (motor 13-18, Age ≥ 79)	0.4	0.0	0.0	0.4	0.0	0.1	0.2	0.1	0.1	0.1
5AZ4 (motor 13-18, Age ≤ 78)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
599A (Ungroupable)	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0
<b>All Replacement 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>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

# Proportion of episodes by impairment code over time



# Episodes by impairment code over time

Impairment code	YOUR FACILITY — N					ALL AROC FACILITIES — N				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
8.211 Unilateral hip replacement	82	90	91	91	97	8,893	8,610	9,354	9,954	10,039
8.212 Bilateral hip replacement	2	5	3	2	4	332	292	324	285	295
8.221 Unilateral knee replacement	144	131	150	160	155	13,672	12,949	15,166	16,133	15,791
8.222 Bilateral knee replacement	19	27	18	18	23	2,090	1,904	2,225	2,364	2,236
8.231 Knee and hip replacement, same side	0	0	0	0	1	14	17	20	28	35
8.232 Knee and hip replacement, diff sides	1	0	0	0	0	10	10	17	17	15
8.24 Shoulder replacement	11	11	9	9	10	1,040	884	1,018	1,098	1,098
<b>All Orthopaedic Replacements</b>	<b>259</b>	<b>264</b>	<b>271</b>	<b>280</b>	<b>290</b>	<b>26,051</b>	<b>24,666</b>	<b>28,124</b>	<b>29,879</b>	<b>29,509</b>

Impairment code	YOUR FACILITY — %					ALL AROC FACILITIES — %				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
8.211 Unilateral hip replacement	31.7	34.1	33.6	32.5	33.4	34.1	34.9	33.3	33.3	34.0
8.212 Bilateral hip replacement	0.8	1.9	1.1	0.7	1.4	1.3	1.2	1.2	1.0	1.0
8.221 Unilateral knee replacement	55.6	49.6	55.4	57.1	53.4	52.5	52.5	53.9	54.0	53.5
8.222 Bilateral knee replacement	7.3	10.2	6.6	6.4	7.9	8.0	7.7	7.9	7.9	7.6
8.231 Knee and hip replacement, same side	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.1	0.1	0.1
8.232 Knee and hip replacement, diff sides	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
8.24 Shoulder replacement	4.2	4.2	3.3	3.2	3.4	4.0	3.6	3.6	3.7	3.7
<b>All Orthopaedic Replacements</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 incomplete episodes

Complete episode analysis	YOUR FACILITY CY25		ALL AROC FACILITIES CY25	
	N	(%)	N	(%)
Total reporting episodes	290		29,509	
Incomplete episodes	9	(3.1)	889	(3.0)

## Reason for incomplete:

Discharged home with end FIM=18	0	(0.0)	9	(1.0)
Discharged home with no end FIM	0	(0.0)	16	(1.8)
Discharged to another hospital	3	(33.3)	435	(49.3)
Discharged back to acute same hospital	5	(55.6)	281	(31.9)
Discharged at own risk	1	(11.1)	110	(12.5)
Change of care type (LOS<1 week)	0	(0.0)	(n<5)	—
Died	0	(0.0)	(n<5)	—
Other/Unknown Discharge	0	(0.0)	31	(3.5)

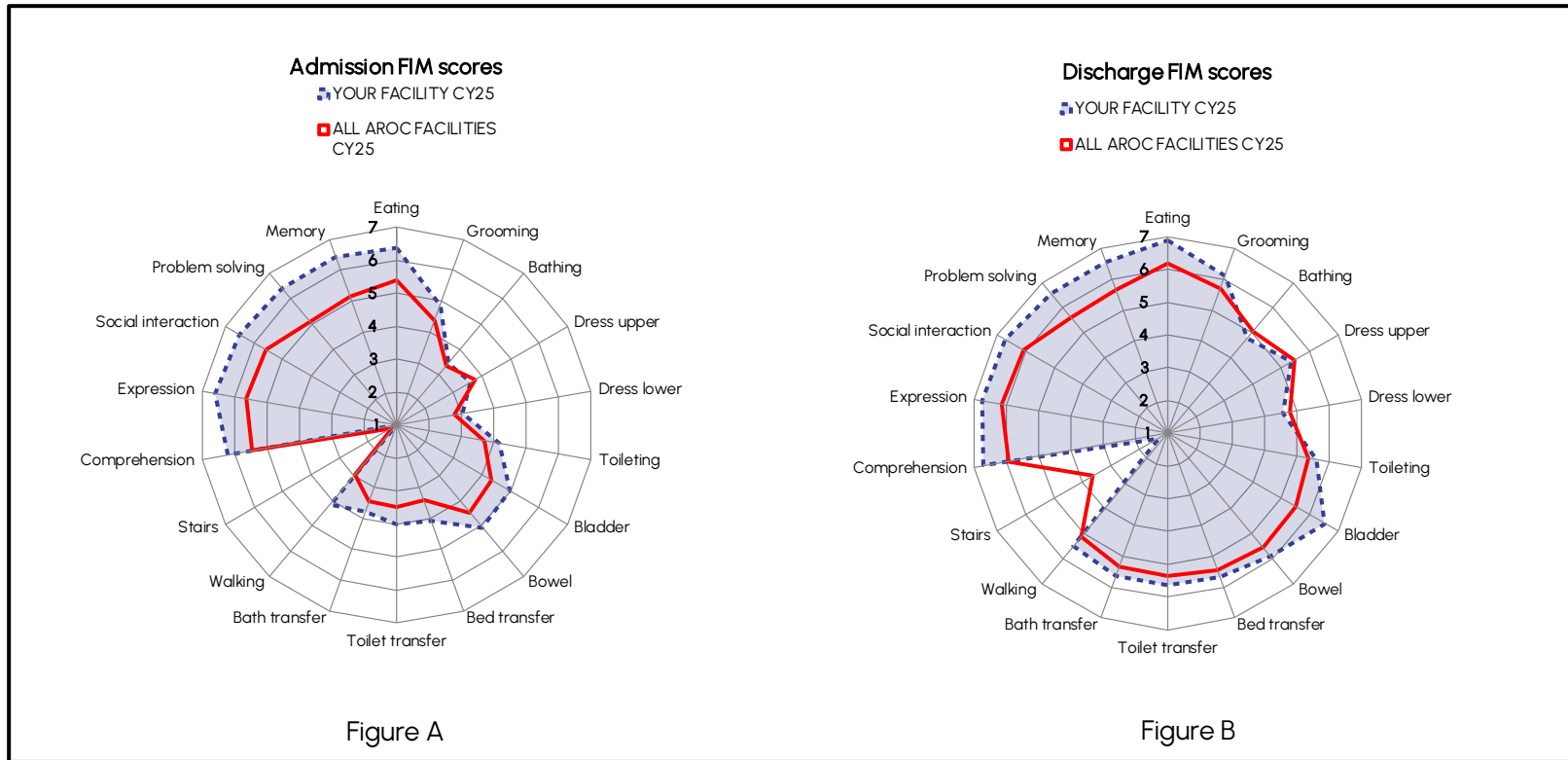
Impairment Code:	YOUR FACILITY CY25			
	Incomplete Episodes		Complete episodes	
8.211 Unilateral hip replacement	6	(66.7)	91	(32.4)
8.212 Bilateral hip replacement	0	(0.0)	4	(1.4)
8.221 Unilateral knee replacement	2	(22.2)	153	(54.4)
8.222 Bilateral knee replacement	1	(11.1)	22	(7.8)
8.231 Knee and hip replacement, same side	0	(0.0)	1	(0.4)
8.232 Knee and hip replacement, diff sides	0	(0.0)	0	(0.0)
8.24 Shoulder replacement	0	(0.0)	10	(3.6)

## AN-SNAP Class:

5A41 (weighted motor 61-91)	4	(44.4)	198	(70.5)
5A42 (weighted motor 45-60)	3	(33.3)	66	(23.5)
5A43 (weighted motor 19-44)	2	(22.2)	17	(6.0)
5AZ3 (motor 13-18, Age ≥ 79)	0	(0.0)	0	(0.0)
5AZ4 (motor 13-18, Age ≤ 78)	0	(0.0)	0	(0.0)

# Review of FIM item scoring by AN-SNAP class

# Interpreting the comparative FIM item scoring charts

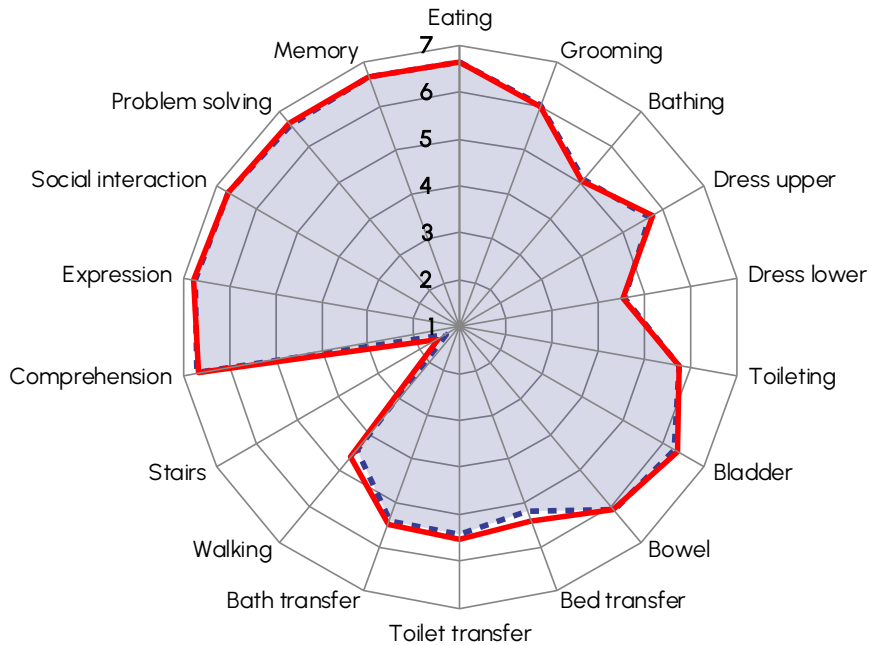


The FIM splat provides a graphic presentation of functional status in a radar chart. The 18 FIM items are arranged in order as 'spokes' of a wheel and the scoring levels from 1 (total dependence) to 7 (total independence) run from the centre outwards. The mean FIM item score for each item is indicated — 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 ALL AROC FACILITIES 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 5A41

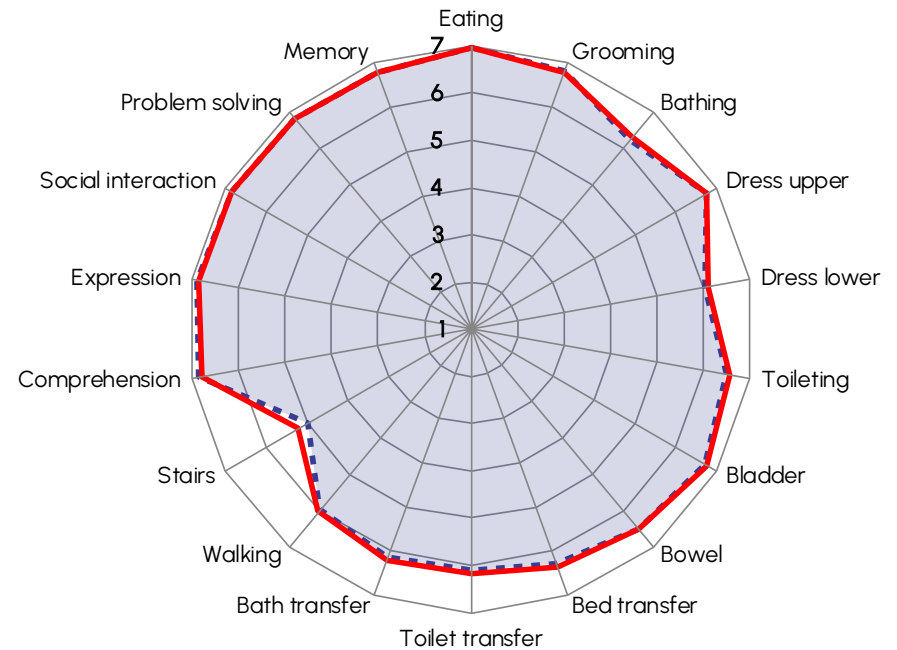
## 5A41 Admission FIM scores

- YOUR FACILITY CY25 (n=198)
- ALL AROC FACILITIES CY25 (n=19,411)



## 5A41 Discharge FIM scores

- YOUR FACILITY CY25 (n=198)
- ALL AROC FACILITIES CY25 (n=19,411)

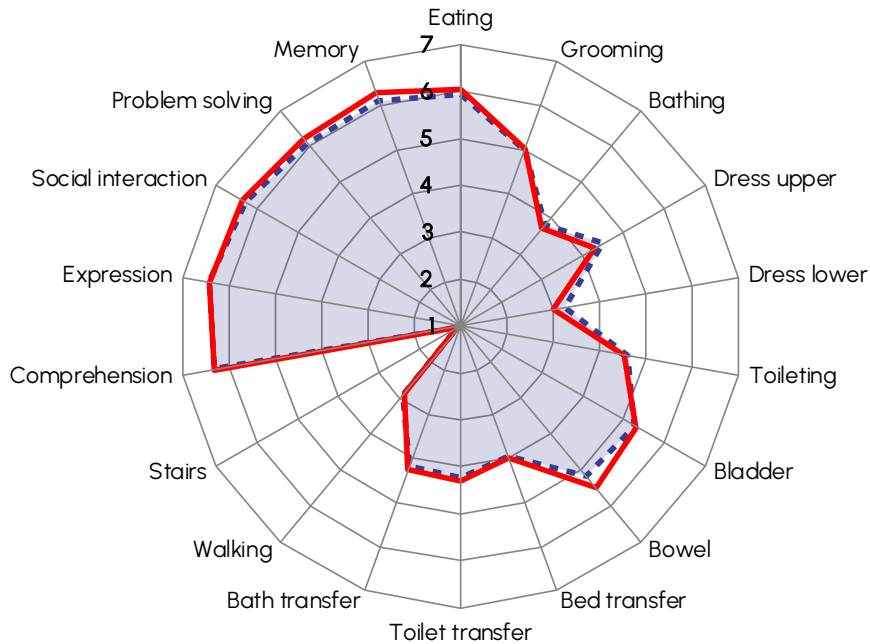


INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report  
 DATA SUPPRESSION: when <5 episodes data is suppressed.

# Comparative FIM item scoring AN-SNAP class 5A42

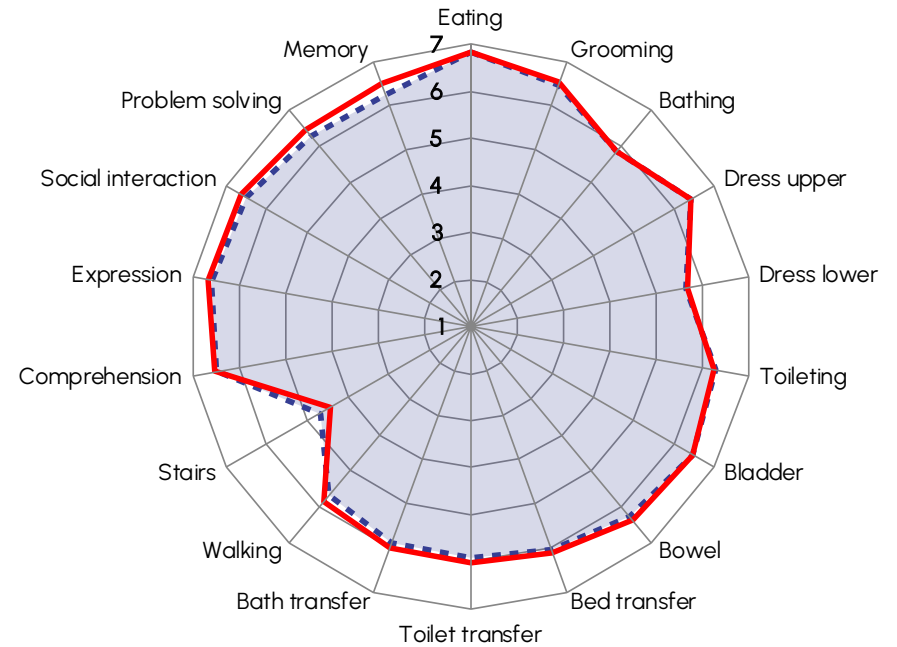
## 5A42 Admission FIM scores

- YOUR FACILITY CY25 (n=66)
- ALL AROC FACILITIES CY25 (n=7,802)



## 5A42 Discharge FIM scores

- YOUR FACILITY CY25 (n=66)
- ALL AROC FACILITIES CY25 (n=7,802)

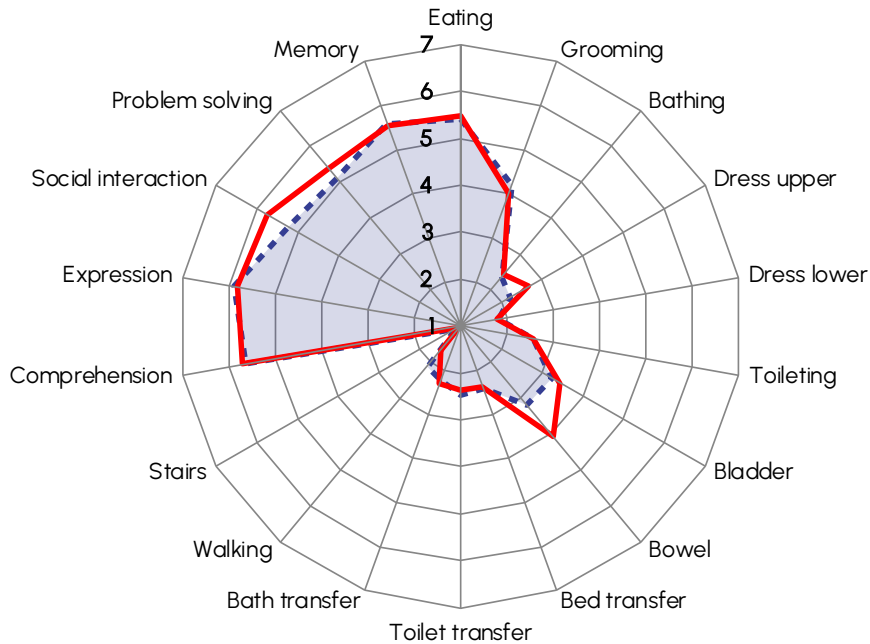


INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report  
 DATA SUPPRESSION: when <5 episodes data is suppressed.

# Comparative FIM item scoring AN-SNAP class 5A43

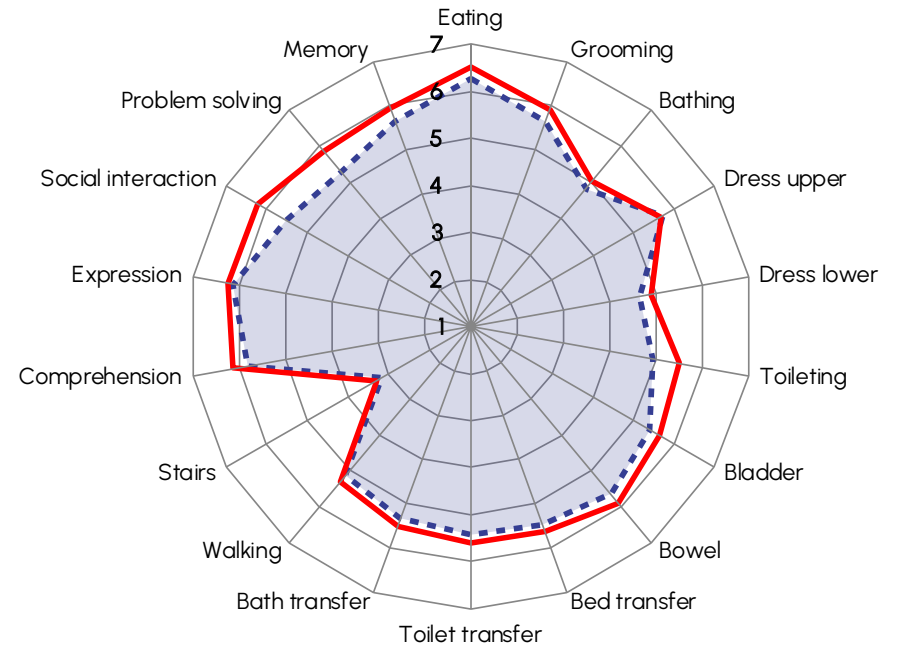
## 5A43 Admission FIM scores

- YOUR FACILITY CY25 (n=17)
- ALL AROC FACILITIES CY25 (n=1,374)



## 5A43 Discharge FIM scores

- YOUR FACILITY CY25 (n=17)
- ALL AROC FACILITIES CY25 (n=1,374)



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

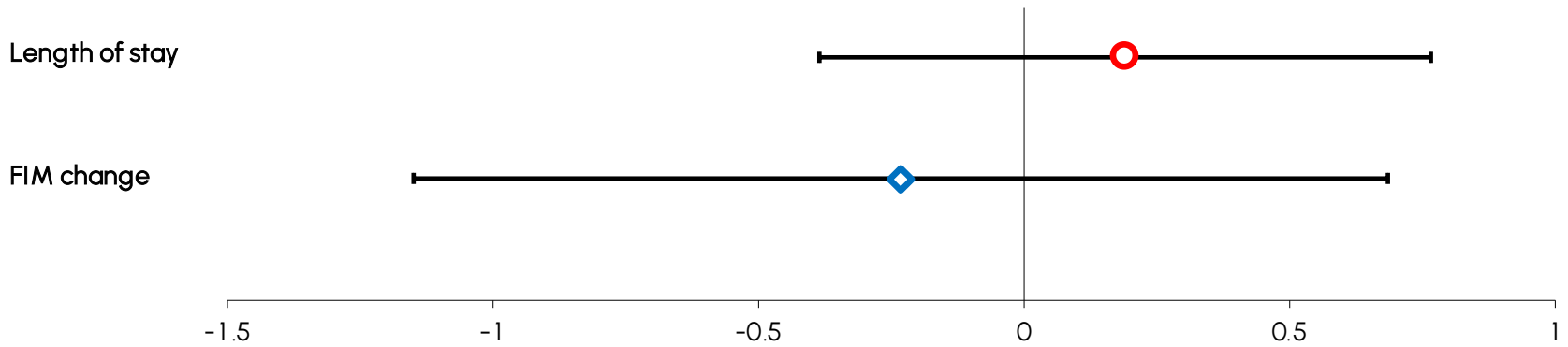
# Summary of completed episodes by AN-SNAP class and impairment code

AN-SNAP class V5	YOUR FACILITY CY25			ALL AROC FACILITIES CY25		
	All episodes	Completed episodes	% Complete	All episodes	Completed episodes	% Complete
5A41 (weighted motor 61-91)	202	198	98.0	19,732	19,411	98.4
5A42 (weighted motor 45-60)	69	66	95.7	8,118	7,802	96.1
5A43 (weighted motor 19-44)	19	17	89.5	1,597	1,374	86.0
5AZ3 (motor 13-18, Age ≥ 79)	0	0	—	27	18	66.7
5AZ4 (motor 13-18, Age ≤ 78)	0	0	—	22	13	59.1
599A (Ungroupable)	0	0	—	13	2	15.4
<b>All Replacement AN-SNAP classes</b>	<b>290</b>	<b>281</b>	<b>96.9</b>	<b>29,509</b>	<b>28,620</b>	<b>97.0</b>

Impairment code	YOUR FACILITY CY25			ALL AROC FACILITIES CY25		
	All episodes	Completed episodes	% Complete	All episodes	Completed episodes	% Complete
8.211 Unilateral hip replacement	97	91	93.8	10,039	9,627	95.9
8.212 Bilateral hip replacement	4	4	100.0	295	289	98.0
8.221 Unilateral knee replacement	155	153	98.7	15,791	15,401	97.5
8.222 Bilateral knee replacement	23	22	95.7	2,236	2,196	98.2
8.231 Knee and hip replacement, same side	1	1	100.0	35	33	94.3
8.232 Knee and hip replacement, diff sides	0	0	—	15	12	80.0
8.24 Shoulder replacement	10	10	100.0	1,098	1,062	96.7
<b>All Replacement AN-SNAP classes</b>	<b>290</b>	<b>281</b>	<b>96.9</b>	<b>29,509</b>	<b>28,620</b>	<b>97.0</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

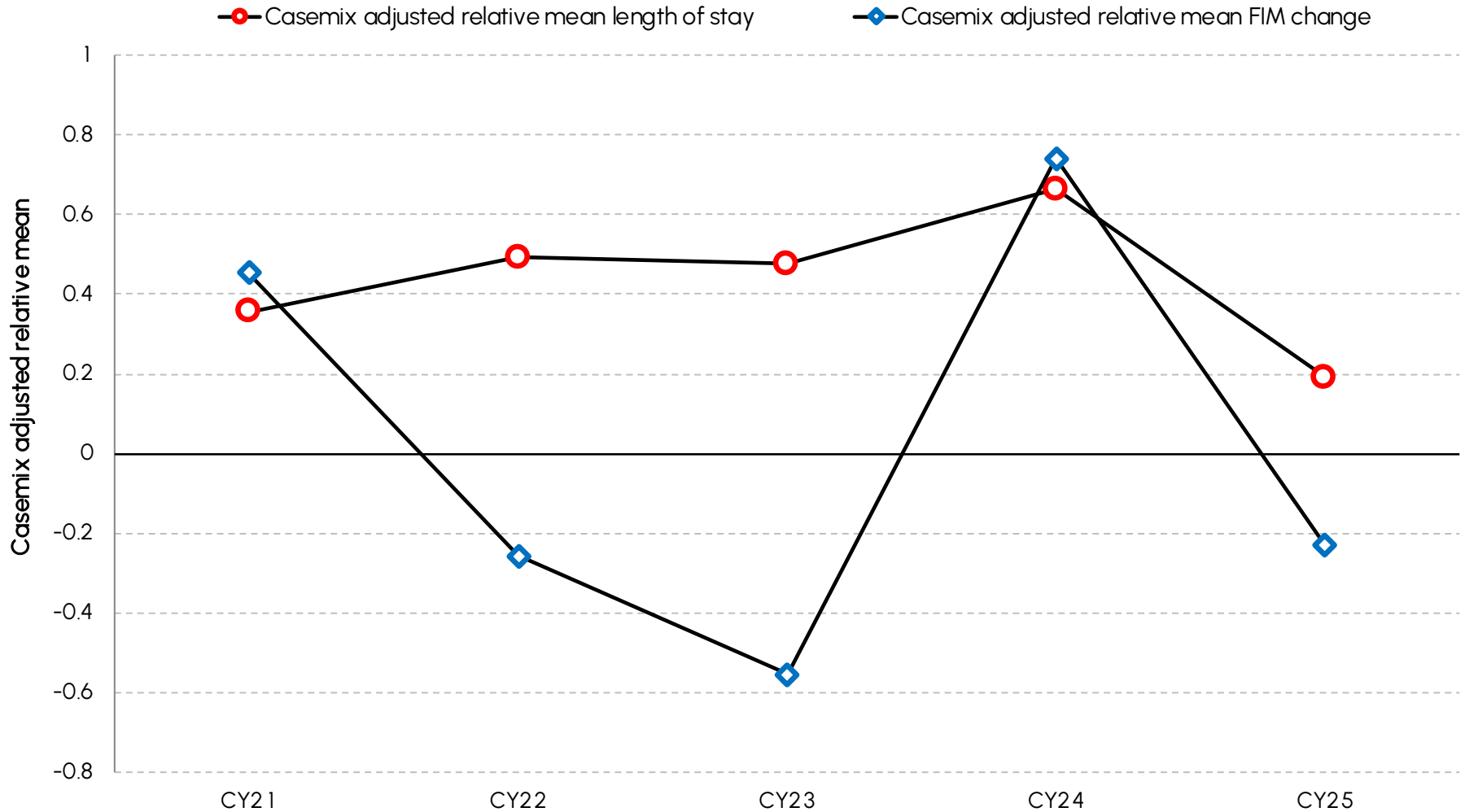


Casemix-adjusted relative means with 95% confidence intervals

Outcome measures	YOUR FACILITY CY25		ALL AROC FACILITIES CY25
	Casemix-adjusted* relative mean	95% CI	IQR
Length of stay	0.2	-0.4 to 0.8	-3.3 to 2.0
FIM change	-0.2	-1.1 to 0.7	-4.1 to 4.3

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



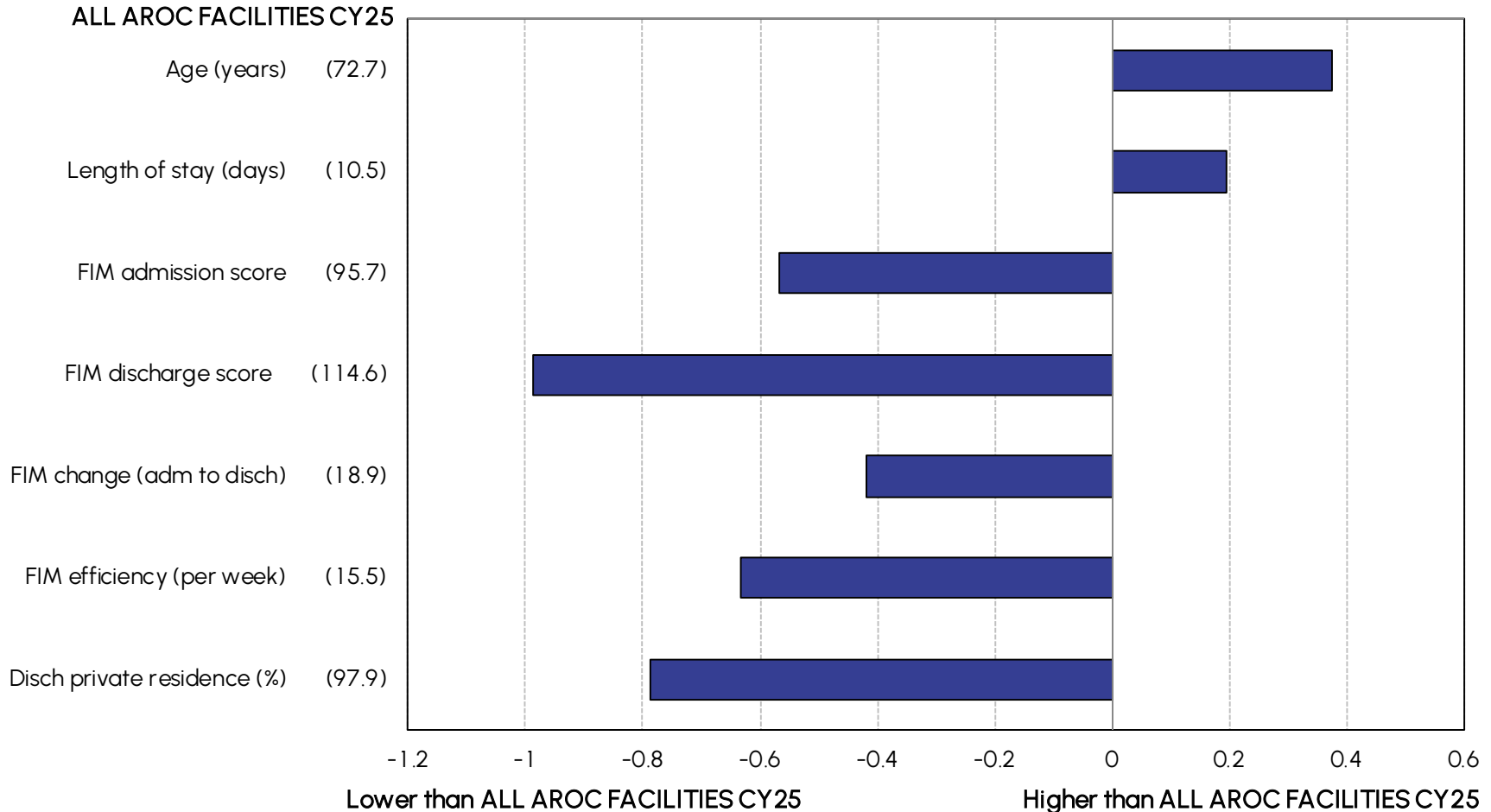
\*Casemix adjusted values based on CY25

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.

**YOUR FACILITY**

# Outcome measures – difference from all AROC

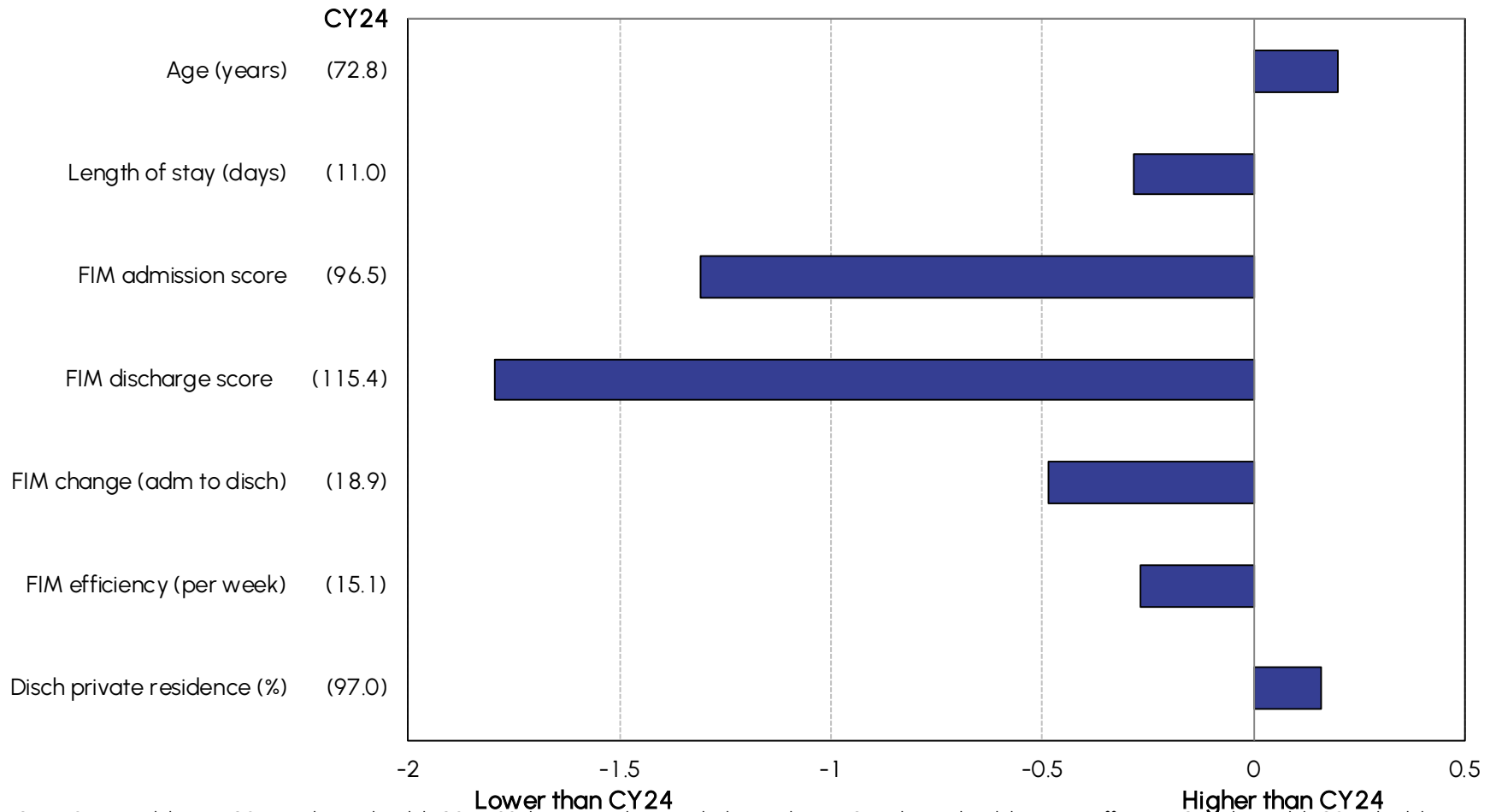
## How YOUR FACILITY is different to ALL AROC FACILITIES



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.

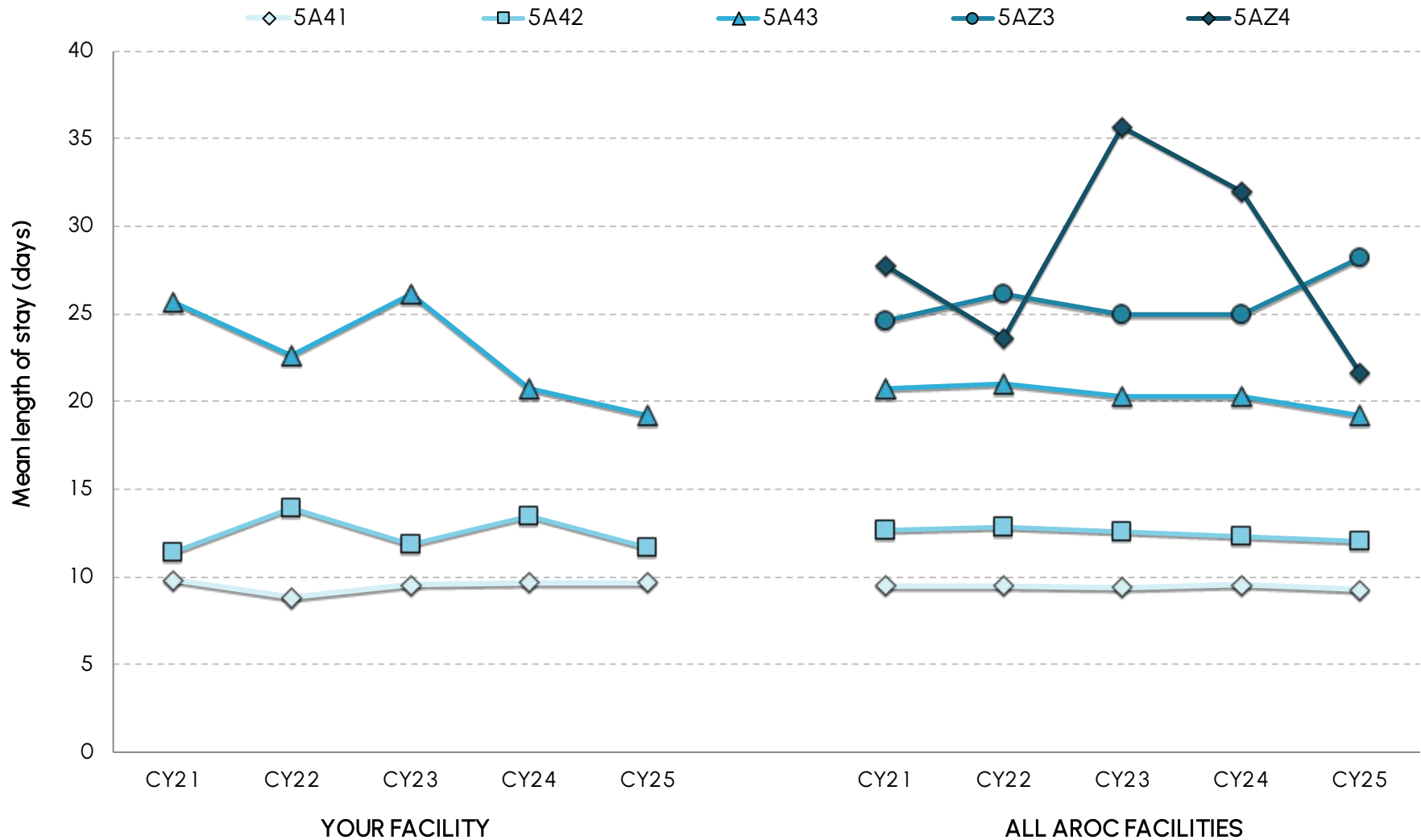
# Outcome measures – difference from last year

How YOUR FACILITY has changed since CY24



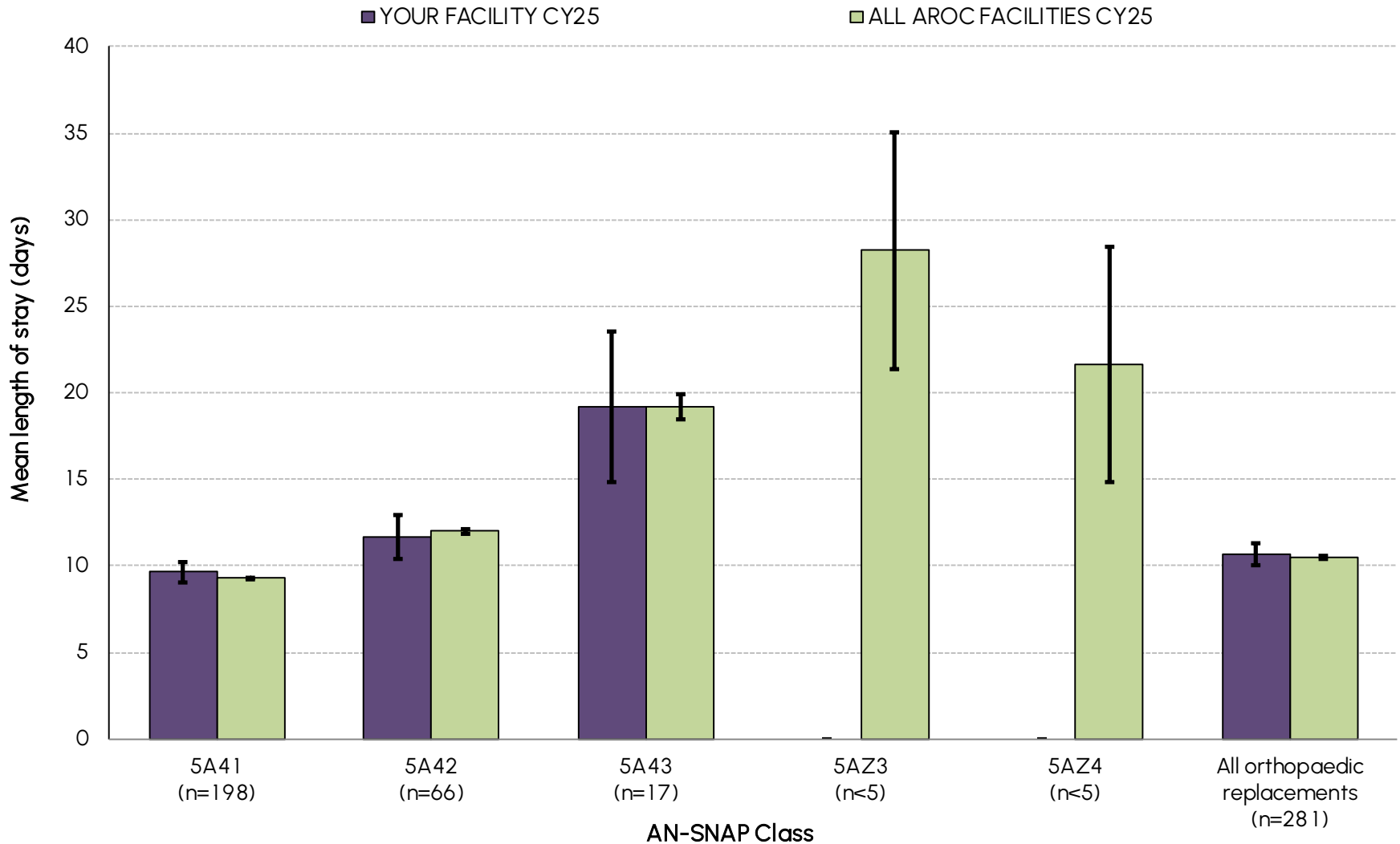
INCLUDES: Age (valid age), LOS (complete with Valid LOS (<500 days), FIM admission/discharge/change (Complete with Valid FIM), FIM efficiency (Complete Valid LOS and Valid FIM), Disch private residence (Complete episode). The definition of a complete episode can be found in the glossary at the end of 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



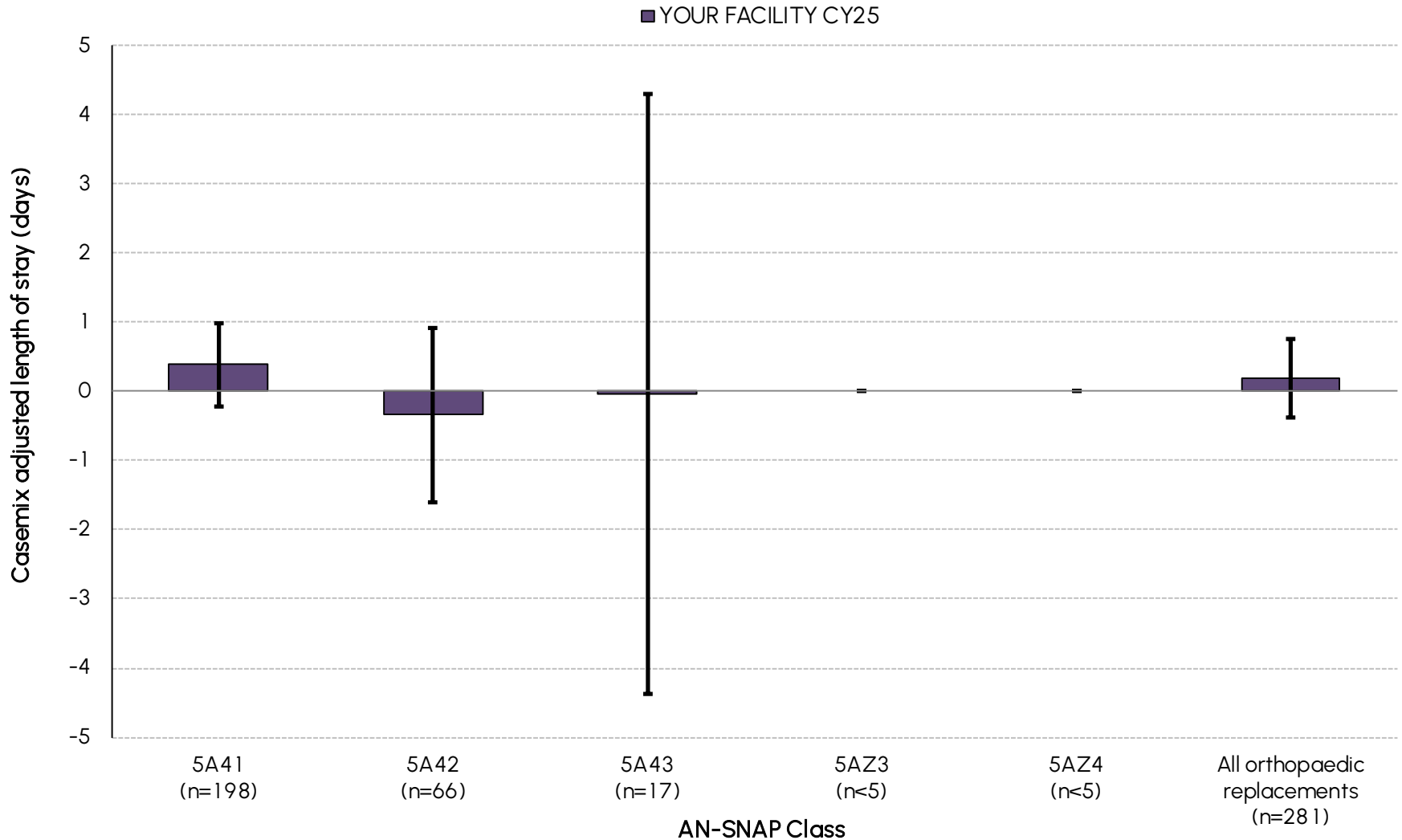
INCLUDES: complete episodes with valid LOS (<500 days) and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary.  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed.

# 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.

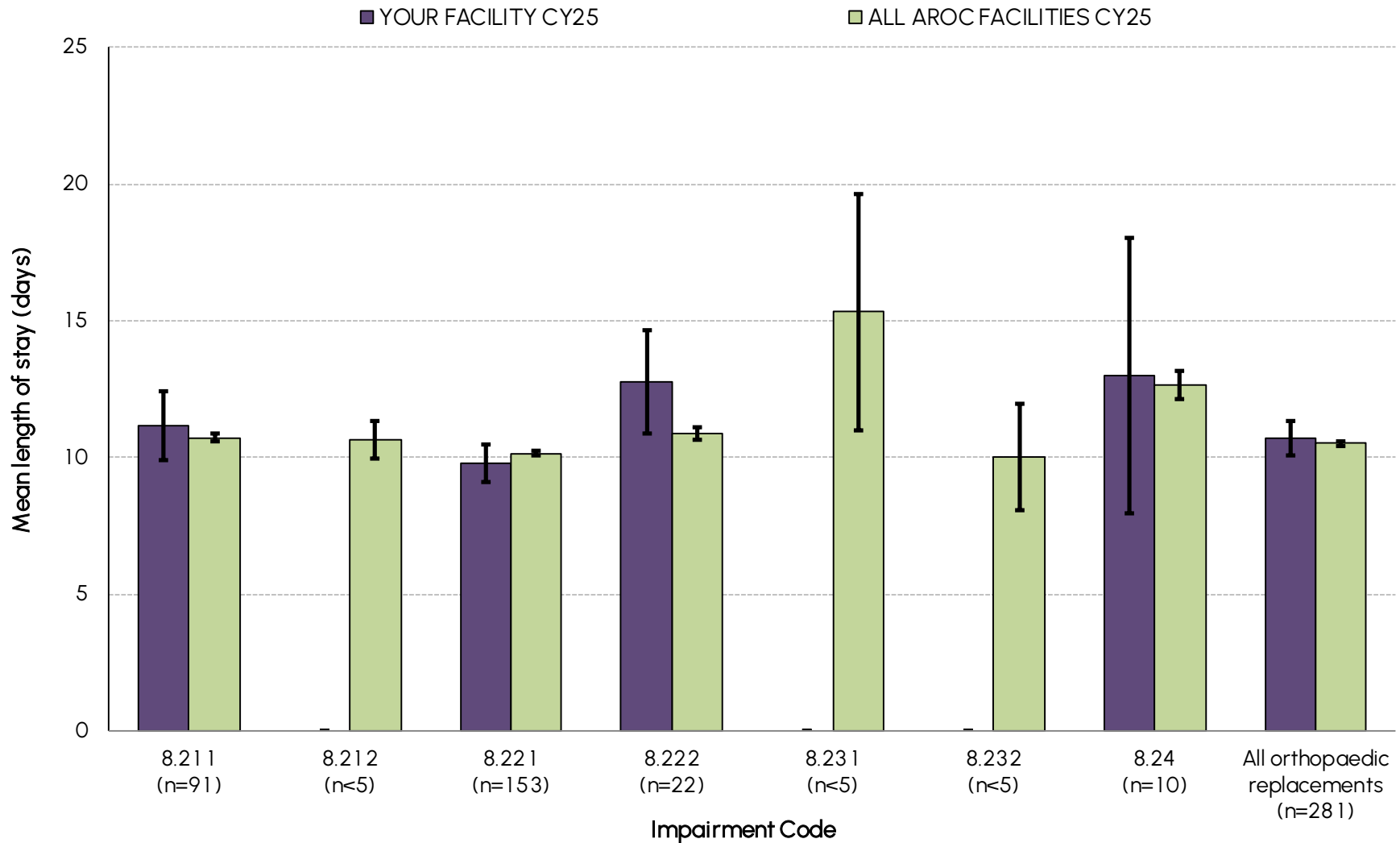
# Casemix-adjusted relative mean length of stay by AN-SNAP class



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.

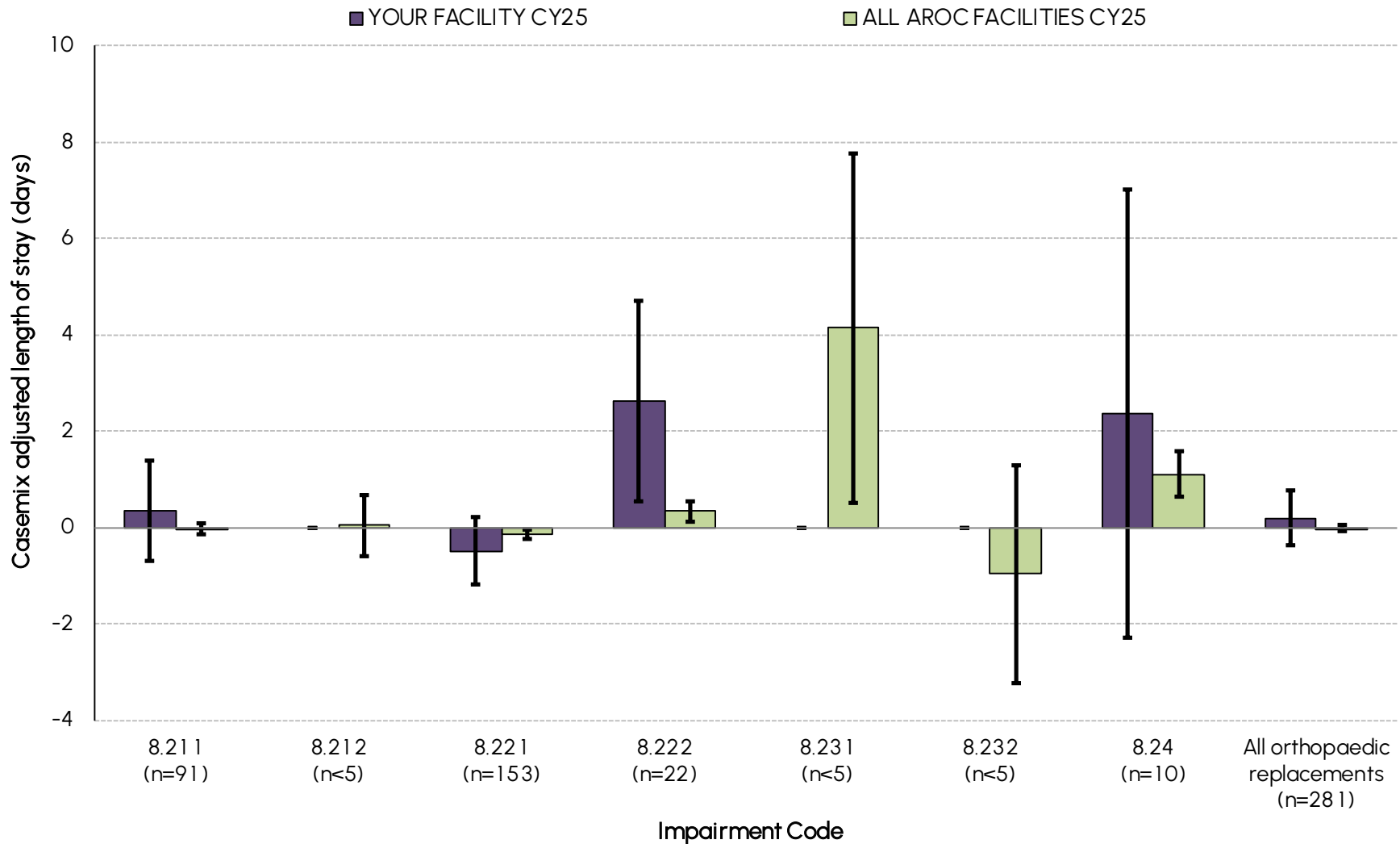
DATA SUPPRESSION: when <5 episodes summary data is suppressed.

# Mean length of stay by impairment



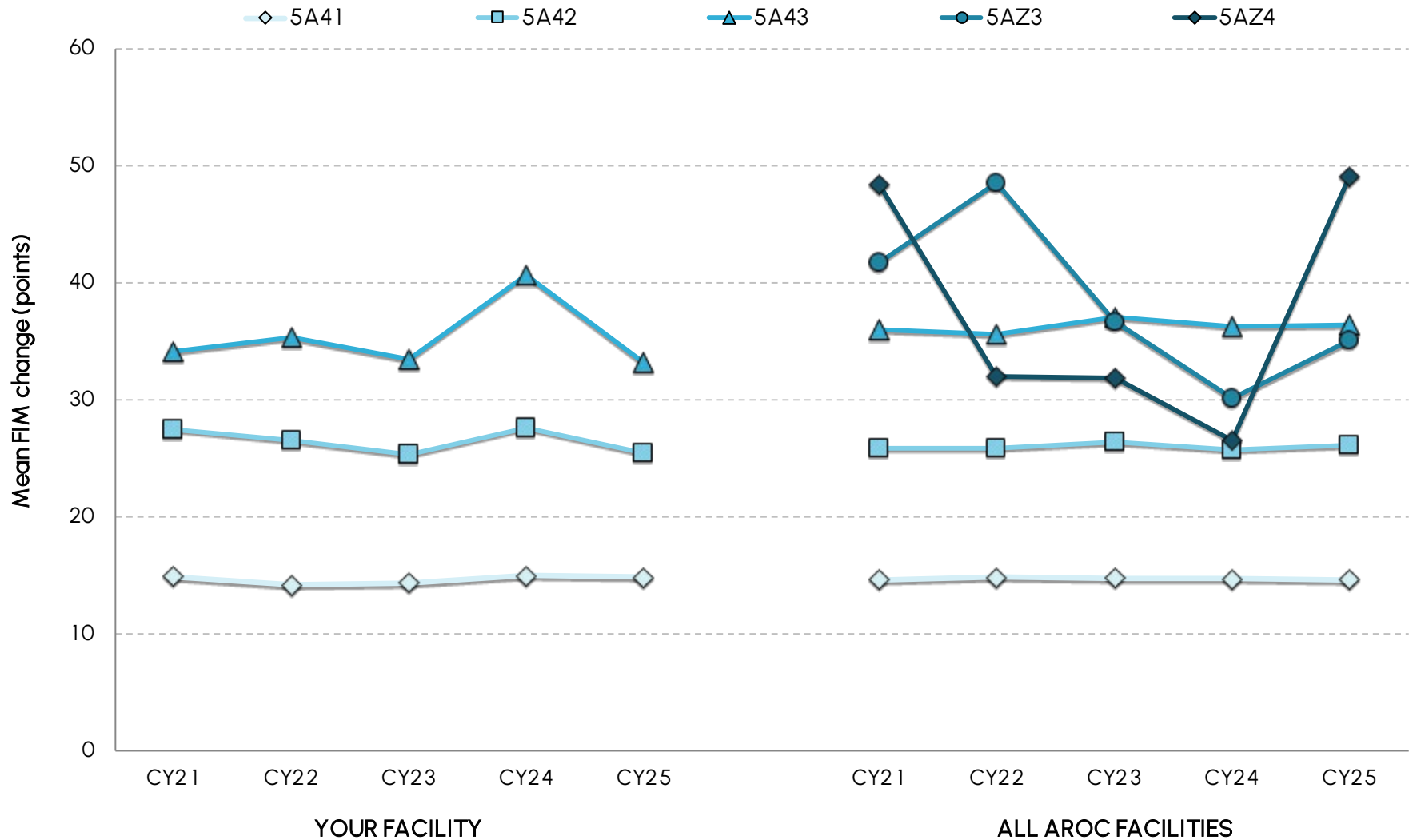
INCLUDES: complete episodes with valid LOS (<500 days). The definition of a complete episode can be found in the glossary.  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed.

# Casemix-adjusted relative mean length of stay by impairment



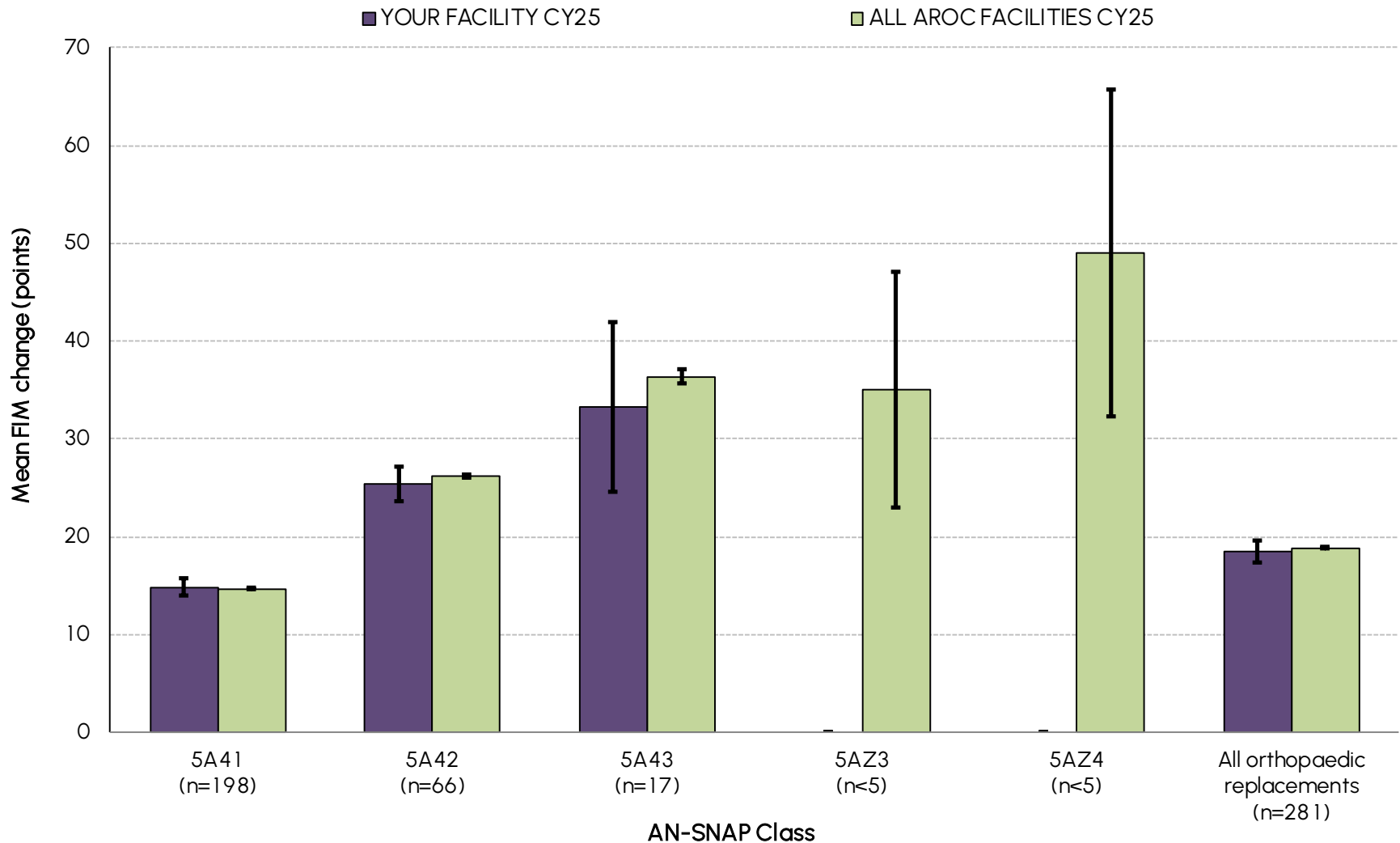
INCLUDES: complete episodes with valid LOS (<500 days) and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary.  
DATA SUPPRESSION: when <5 episodes summary data is suppressed.

# Mean FIM change by AN-SNAP class over time



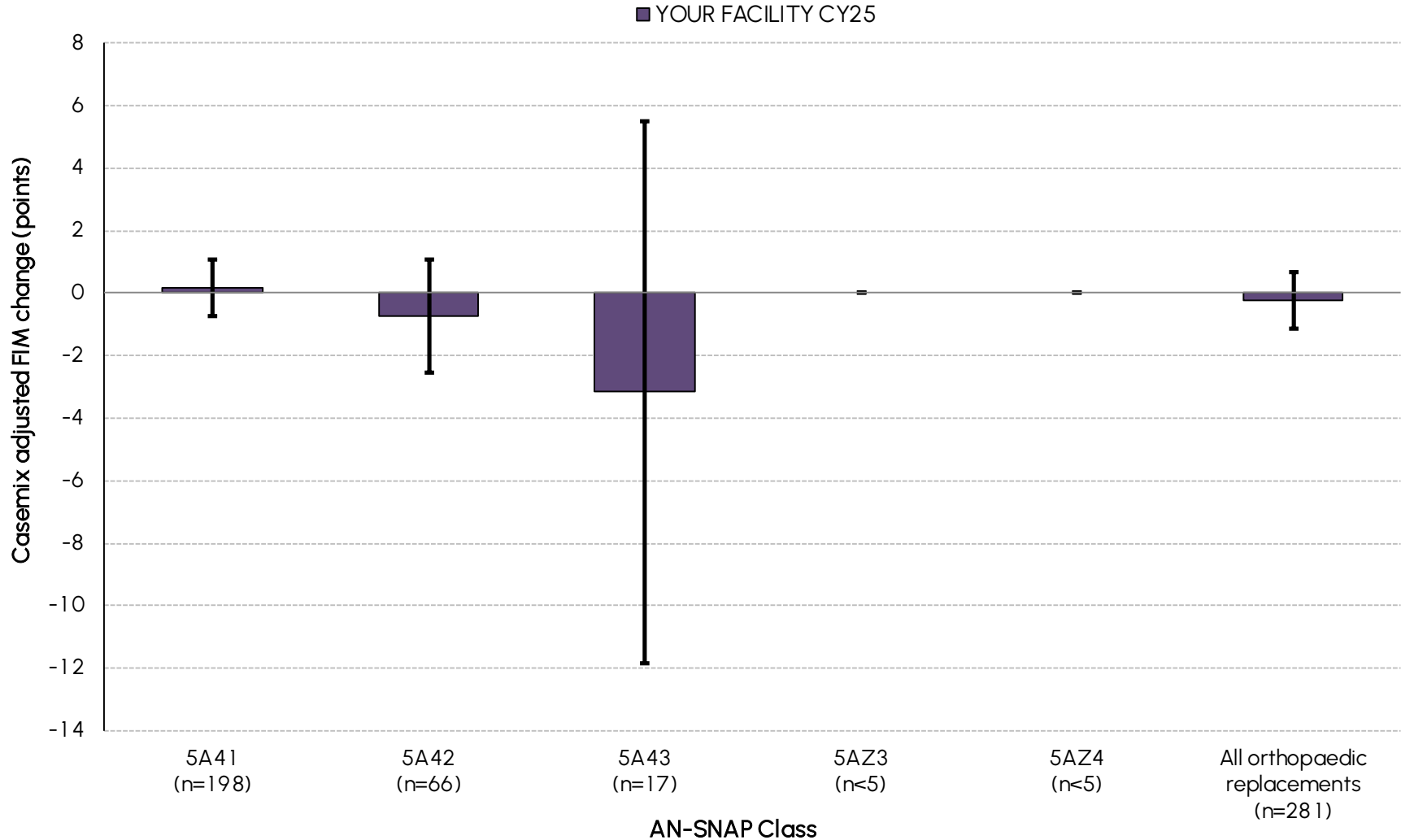
INCLUDES: complete episodes with valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed.

# Mean FIM change by AN-SNAP class



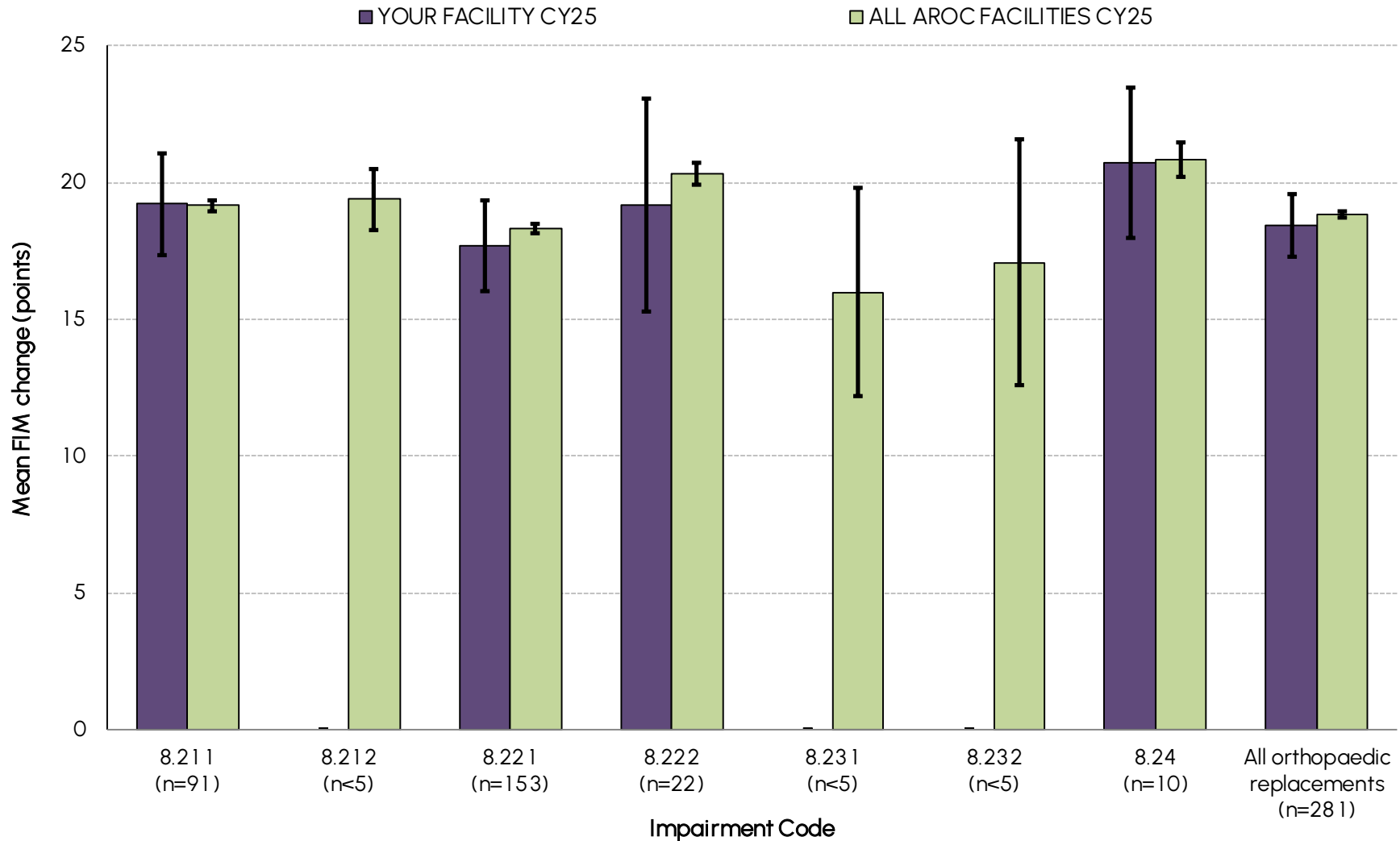
INCLUDES: complete episodes with valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed.

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



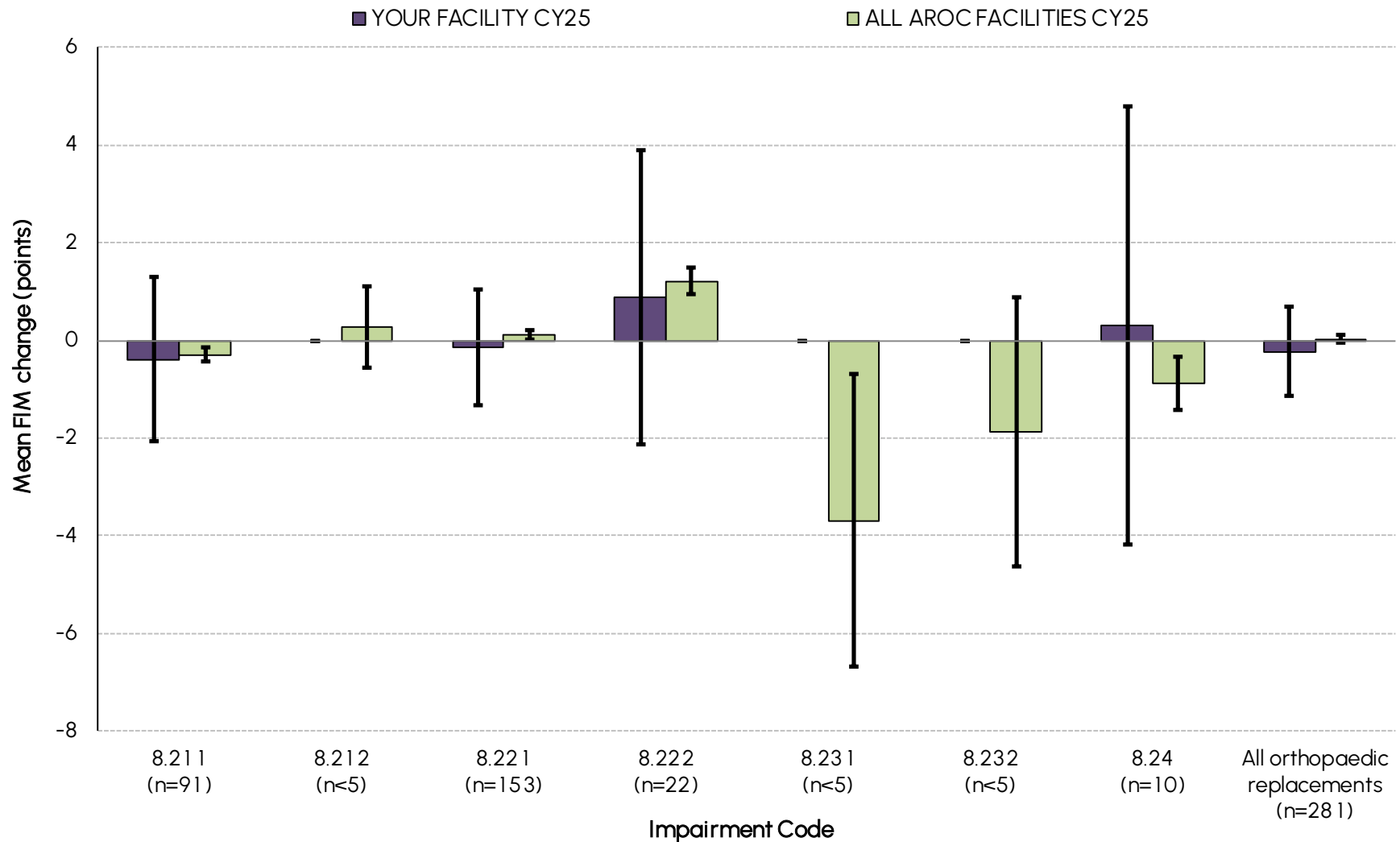
INCLUDES: complete episodes with valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary  
 DATA SUPPRESSION: when <5 episodes summary data is suppressed.

# Mean FIM change by impairment



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



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.

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

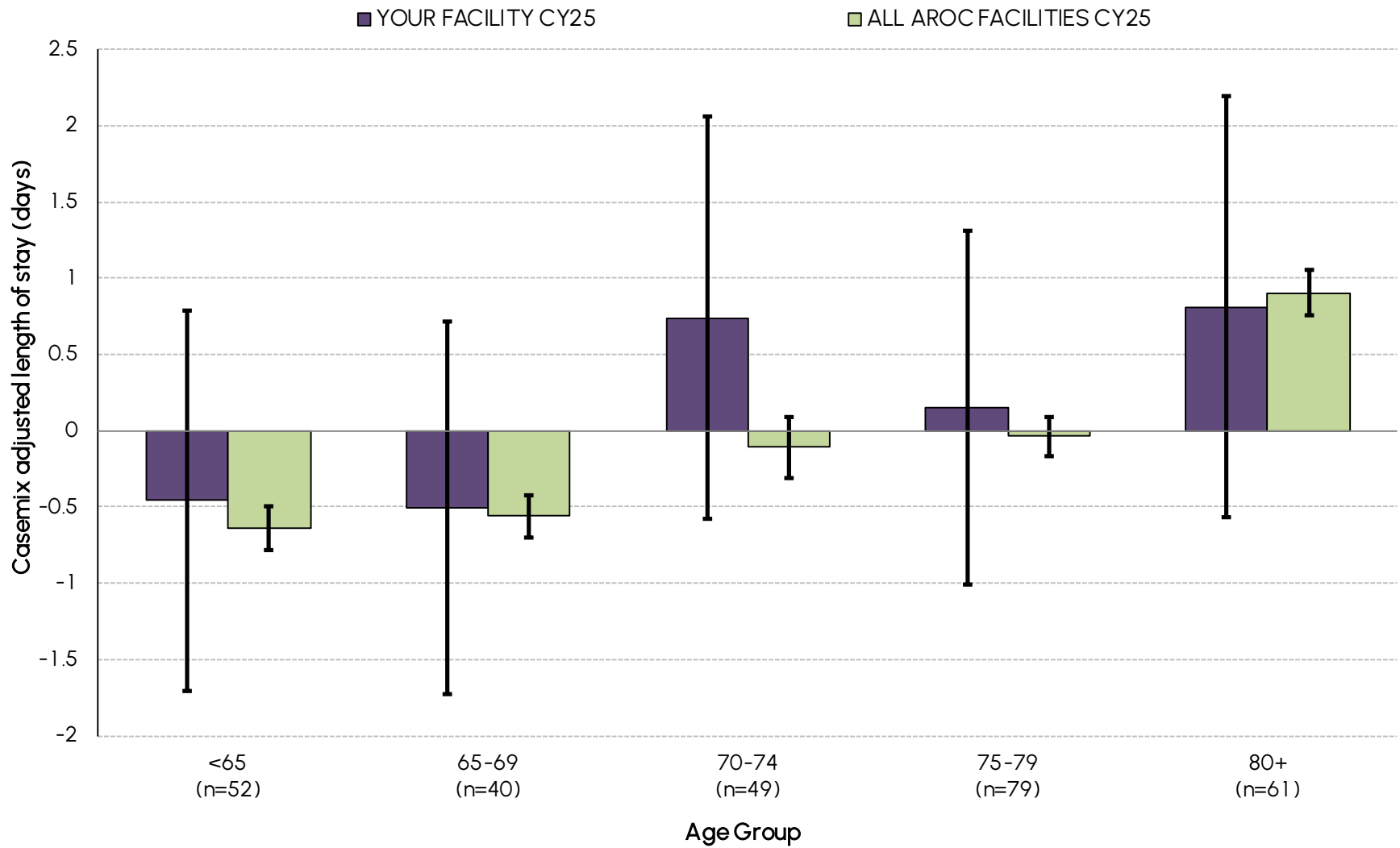
AN-SNAP class V5	YOUR FACILITY CY25				ALL AROC FACILITIES CY25	
	CARMi (95%CI)		Mean (95%CI)		Mean (95%CI)	
	LOS	FIM change	LOS	FIM change	LOS	FIM change
5A41 (weighted motor 61-91)	0.4 (-0.2 – 1.0)	0.2 (-0.7 – 1.1)	9.7 (9.1 – 10.3)	14.8 (13.9 – 15.7)	9.3 (9.2 – 9.4)	14.7 (14.6 – 14.7)
5A42 (weighted motor 45-60)	-0.3 (-1.6 – 0.9)	-0.7 (-2.5 – 1.1)	11.7 (10.4 – 12.9)	25.4 (23.6 – 27.2)	12.0 (11.9 – 12.1)	26.1 (26.0 – 26.3)
5A43 (weighted motor 19-44)	0.0 (-4.4 – 4.3)	-3.2 (-11.8 – 5.5)	19.2 (14.8 – 23.5)	33.2 (24.6 – 41.9)	19.2 (18.5 – 19.9)	36.4 (35.7 – 37.1)
5AZ3 (motor 13-18, Age ≥ 79)	—	—	—	—	28.2 (21.4 – 35.1)	35.1 (23.0 – 47.1)
5AZ4 (motor 13-18, Age ≤ 78)	—	—	—	—	21.6 (14.8 – 28.4)	49.1 (32.3 – 65.8)
<b>All Replacement AN-SNAP classes</b>	<b>0.2 (-0.4 – 0.8)</b>	<b>-0.2 (-1.1 – 0.7)</b>	<b>10.7 (10.1 – 11.3)</b>	<b>18.4 (17.3 – 19.6)</b>	<b>10.5 (10.4 – 10.6)</b>	<b>18.9 (18.7 – 19.0)</b>

Impairment code	YOUR FACILITY CY25				ALL AROC FACILITIES CY25	
	CARMi (95%CI)		Mean (95%CI)		Mean (95%CI)	
	LOS	FIM change	LOS	FIM change	LOS	FIM change
8.211 Unilateral hip replacement	0.4 (-0.7 – 1.4)	-0.4 (-2.1 – 1.3)	11.2 (9.9 – 12.4)	19.2 (17.4 – 21.1)	10.7 (10.6 – 10.9)	19.2 (19.0 – 19.4)
8.212 Bilateral hip replacement	—	—	—	—	10.7 (10.0 – 11.4)	19.4 (18.3 – 20.5)
8.221 Unilateral knee replacement	-0.5 (-1.2 – 0.2)	-0.1 (-1.3 – 1.1)	9.8 (9.1 – 10.5)	17.7 (16.1 – 19.3)	10.2 (10.1 – 10.3)	18.3 (18.2 – 18.5)
8.222 Bilateral knee replacement	2.6 (0.5 – 4.7)	0.9 (-2.1 – 3.9)	12.8 (10.9 – 14.7)	19.2 (15.3 – 23.1)	10.9 (10.7 – 11.1)	20.3 (19.9 – 20.7)
8.231 Knee and hip replacement, same side	—	—	—	—	15.3 (11.0 – 19.7)	16.0 (12.2 – 19.8)
8.232 Knee and hip replacement, diff sides	—	—	—	—	10.0 (8.1 – 11.9)	17.1 (12.6 – 21.6)
8.24 Shoulder replacement	2.4 (-2.3 – 7.0)	0.3 (-4.2 – 4.8)	13.0 (8.0 – 18.0)	20.7 (18.0 – 23.4)	12.7 (12.2 – 13.2)	20.8 (20.2 – 21.4)
<b>All Orthopaedic Replacements</b>	<b>0.2 (-0.4 – 0.8)</b>	<b>-0.2 (-1.1 – 0.7)</b>	<b>10.7 (10.1 – 11.3)</b>	<b>18.4 (17.3 – 19.6)</b>	<b>10.5 (10.4 – 10.6)</b>	<b>18.9 (18.7 – 19.0)</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\*

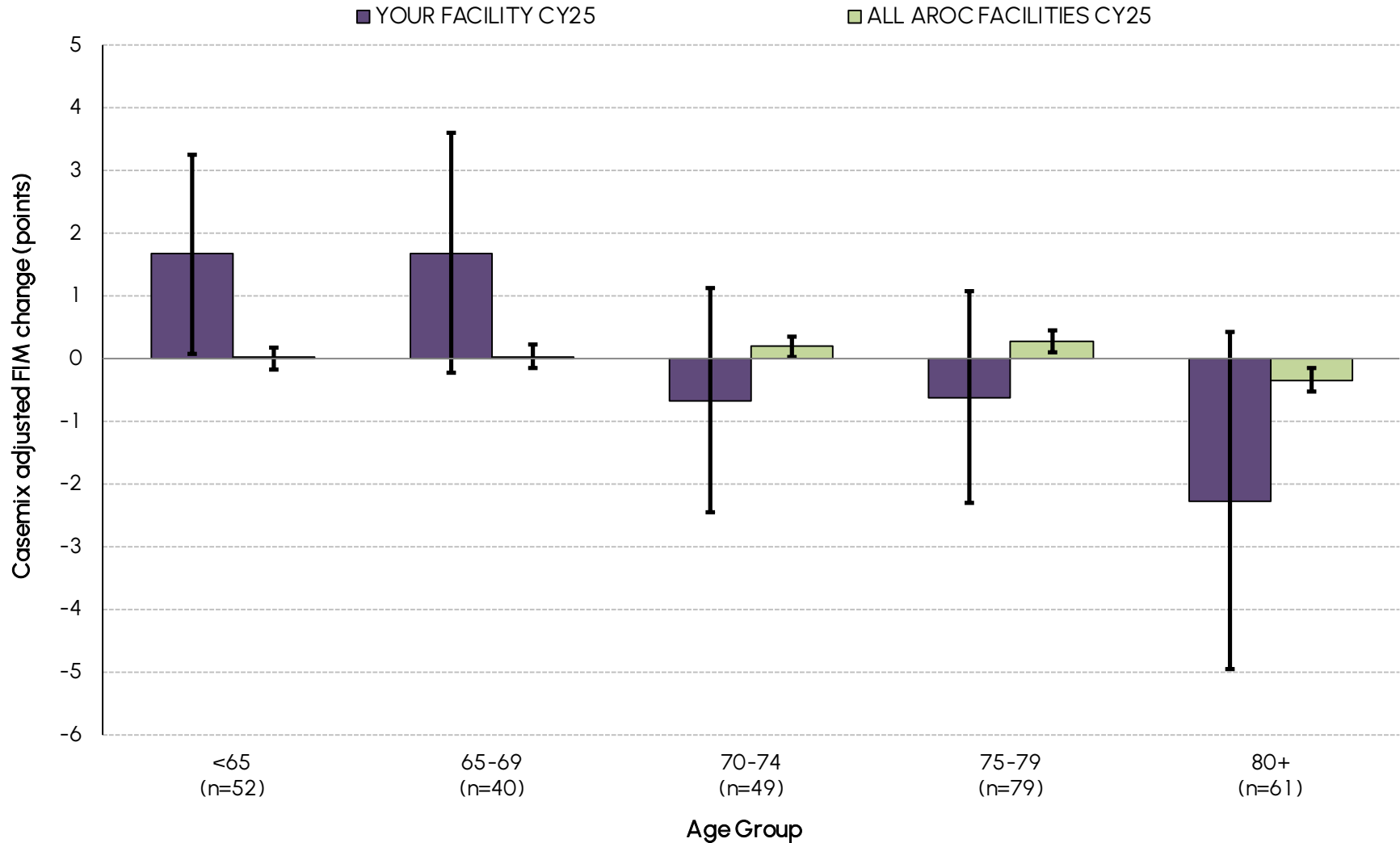


INCLUDES: complete episodes with valid age (15-110), valid LOS (<500 days) and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary

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		ALL AROC FACILITIES CY25	
	LOS (95%CI)	FIM change (95%CI)	LOS (95%CI)	FIM change (95%CI)
<65	9.7 (8.5 – 10.8)	19.2 (16.6 – 21.7)	9.5 (9.4 – 9.7)	17.7 (17.4 – 17.9)
65-69	9.7 (8.5 – 10.9)	19.2 (16.2 – 22.1)	9.6 (9.4 – 9.7)	17.7 (17.4 – 18.0)
70-74	10.4 (9.1 – 11.7)	15.6 (13.5 – 17.8)	10.3 (10.0 – 10.5)	18.6 (18.3 – 18.8)
75-79	10.8 (9.4 – 12.3)	18.8 (16.6 – 20.9)	10.5 (10.4 – 10.7)	19.3 (19.0 – 19.5)
80+	12.3 (10.8 – 13.9)	19.2 (16.3 – 22.1)	12.1 (11.9 – 12.2)	20.4 (20.1 – 20.6)

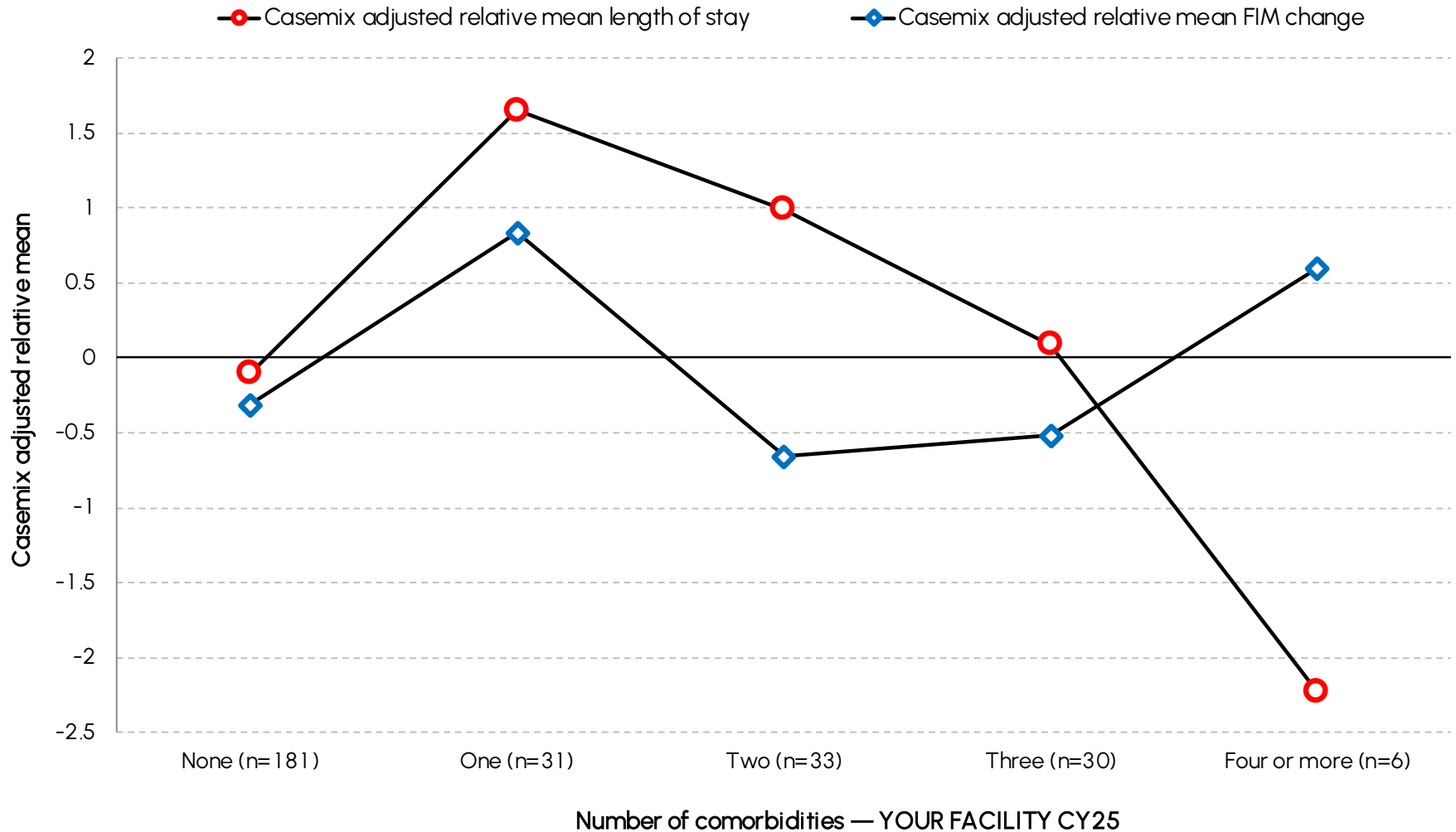
Age group	YOUR FACILITY CY25		ALL AROC FACILITIES CY25	
	CARMI LOS (95%CI)	CARMI FIM change (95%CI)	CARMI LOS (95%CI)	CARMI FIM change (95%CI)
<65	-0.5 (-1.7 – 0.8)	1.7 (0.1 – 3.3)	-0.6 (-0.8 – -0.5)	0.0 (-0.2 – 0.2)
65-69	-0.5 (-1.7 – 0.7)	1.7 (-0.2 – 3.6)	-0.6 (-0.7 – -0.4)	0.0 (-0.2 – 0.2)
70-74	0.7 (-0.6 – 2.1)	-0.7 (-2.5 – 1.1)	-0.1 (-0.3 – 0.1)	0.2 (0.0 – 0.4)
75-79	0.2 (-1.0 – 1.3)	-0.6 (-2.3 – 1.1)	0.0 (-0.2 – 0.1)	0.3 (0.1 – 0.4)
80+	0.8 (-0.6 – 2.2)	-2.3 (-5.0 – 0.4)	0.9 (0.8 – 1.1)	-0.3 (-0.5 – -0.2)

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

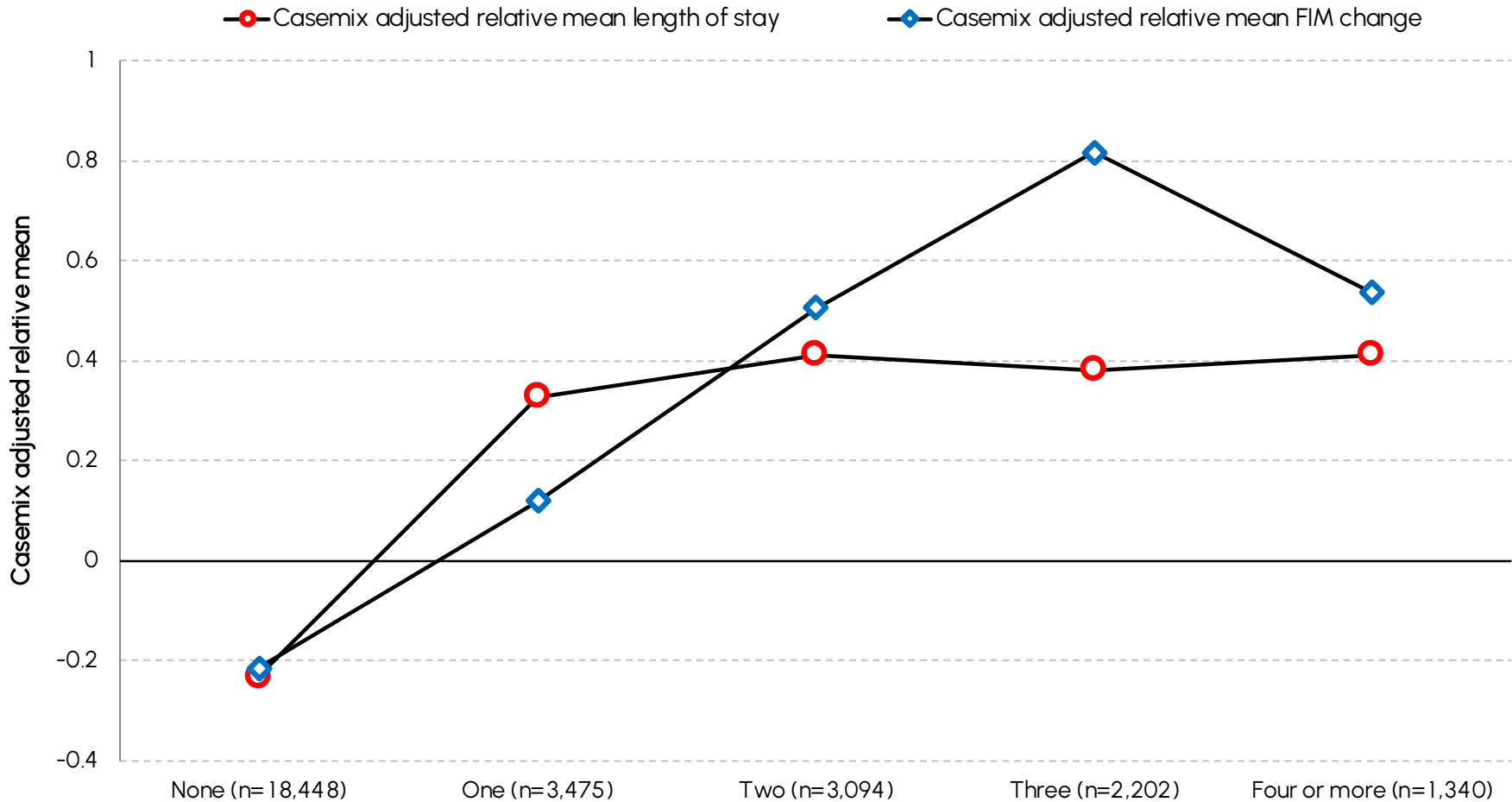
# Casemix-adjusted relative mean length of stay and FIM change by number of comorbidities



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



Number of comorbidities — ALL AROC FACILITIES CY25

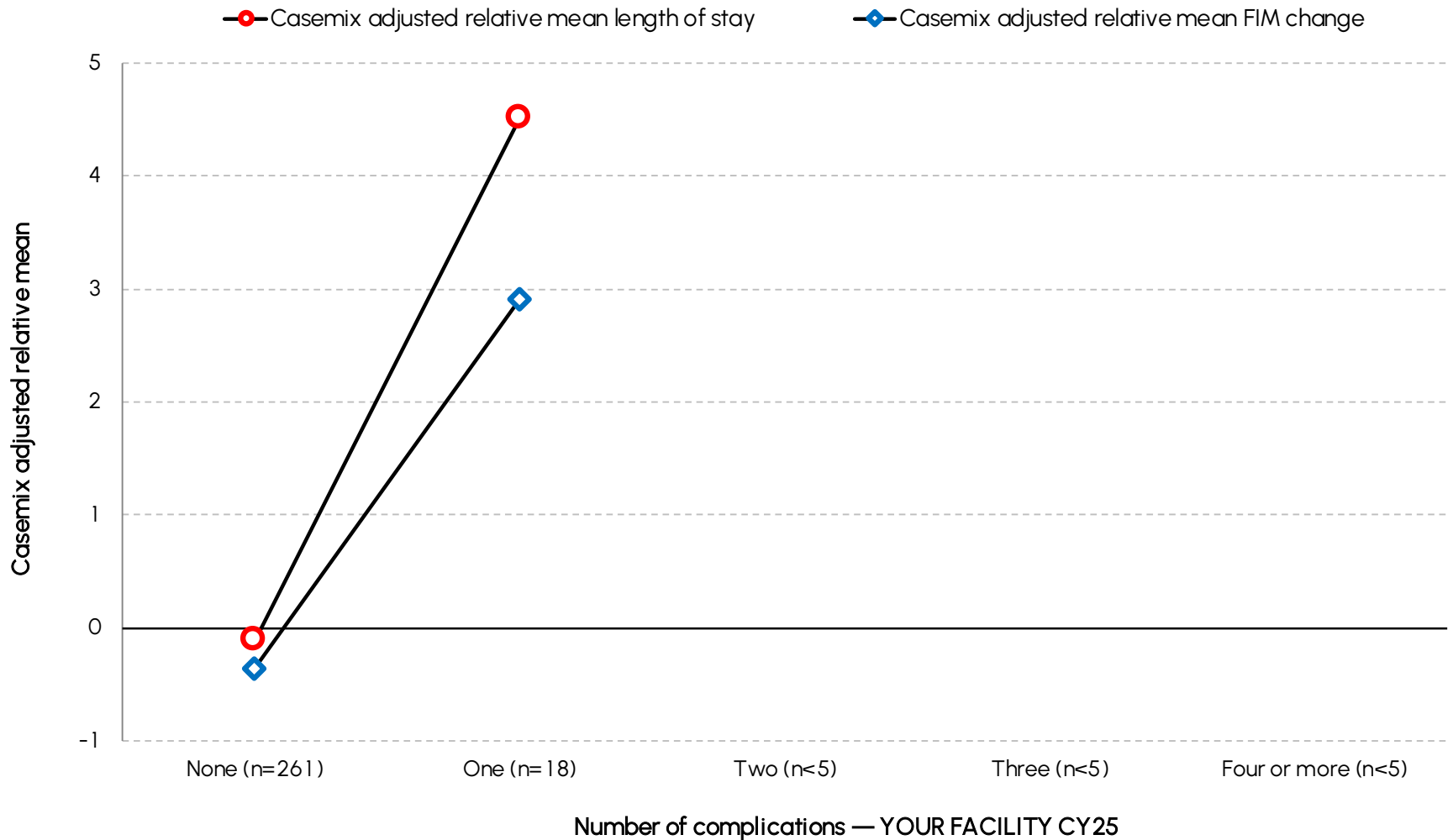
INCLUDES: complete episodes with valid LOS (<500 days), valid FIM score, a groupable AN-SNAP class (not 599A) and reported comorbidities. The definition of a complete episode can be found in the glossary.

DATA SUPPRESSION: when <5 episodes summary data is suppressed





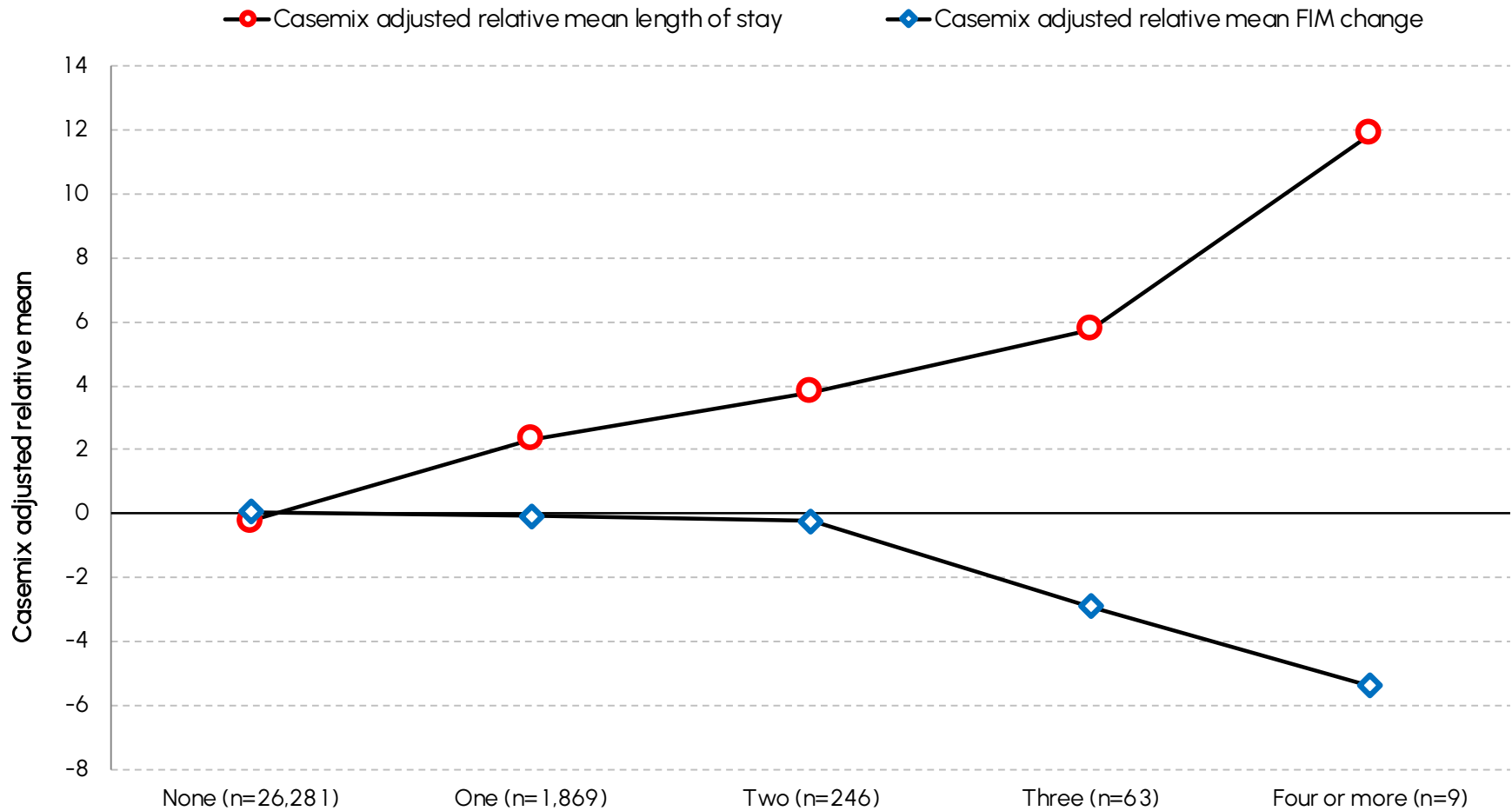
# Casemix-adjusted relative mean length of stay and FIM change by number of complications



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 — ALL AROC FACILITIES CY25

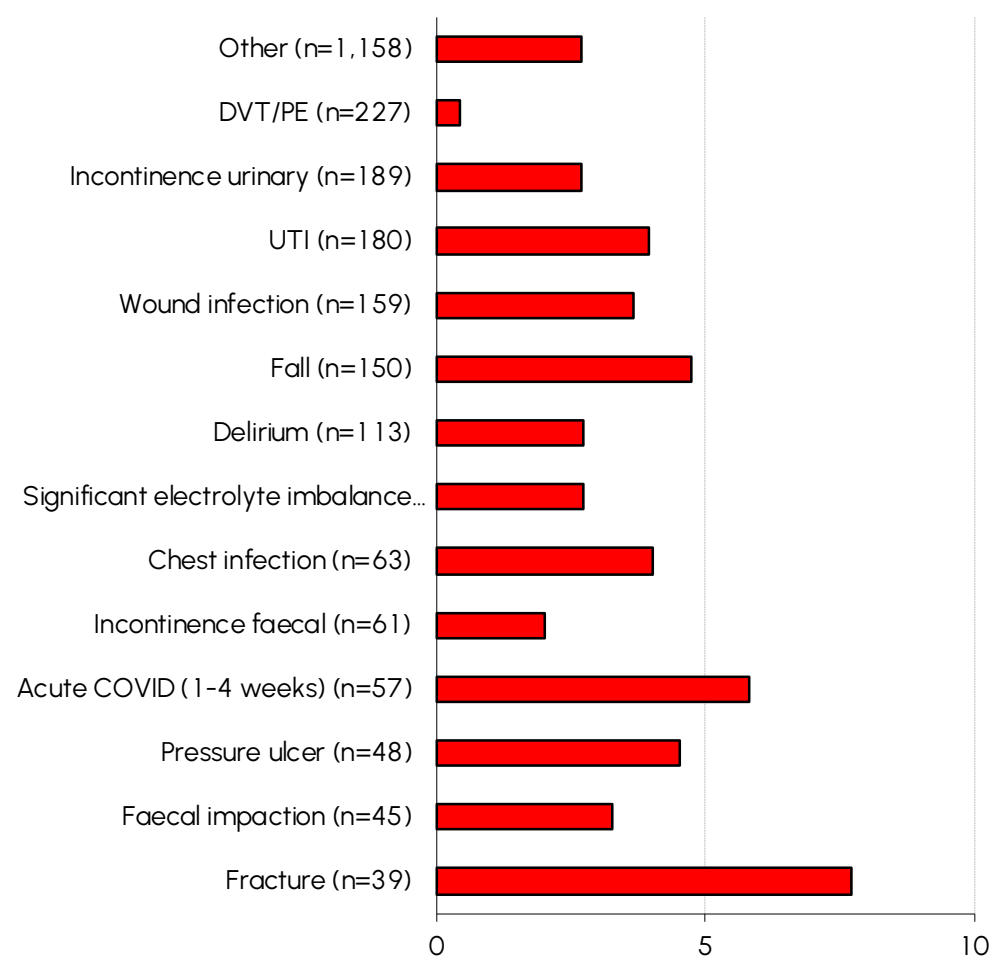
INCLUDES: complete episodes with valid LOS (<500 days), valid FIM score, a groupable AN-SNAP class (not 599A) and reported complications. The definition of a complete episode can be found in the glossary at the end of this report.

DATA SUPPRESSION: when <5 episodes summary data is suppressed

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



**CARMi LOS — YOUR FACILITY CY25**



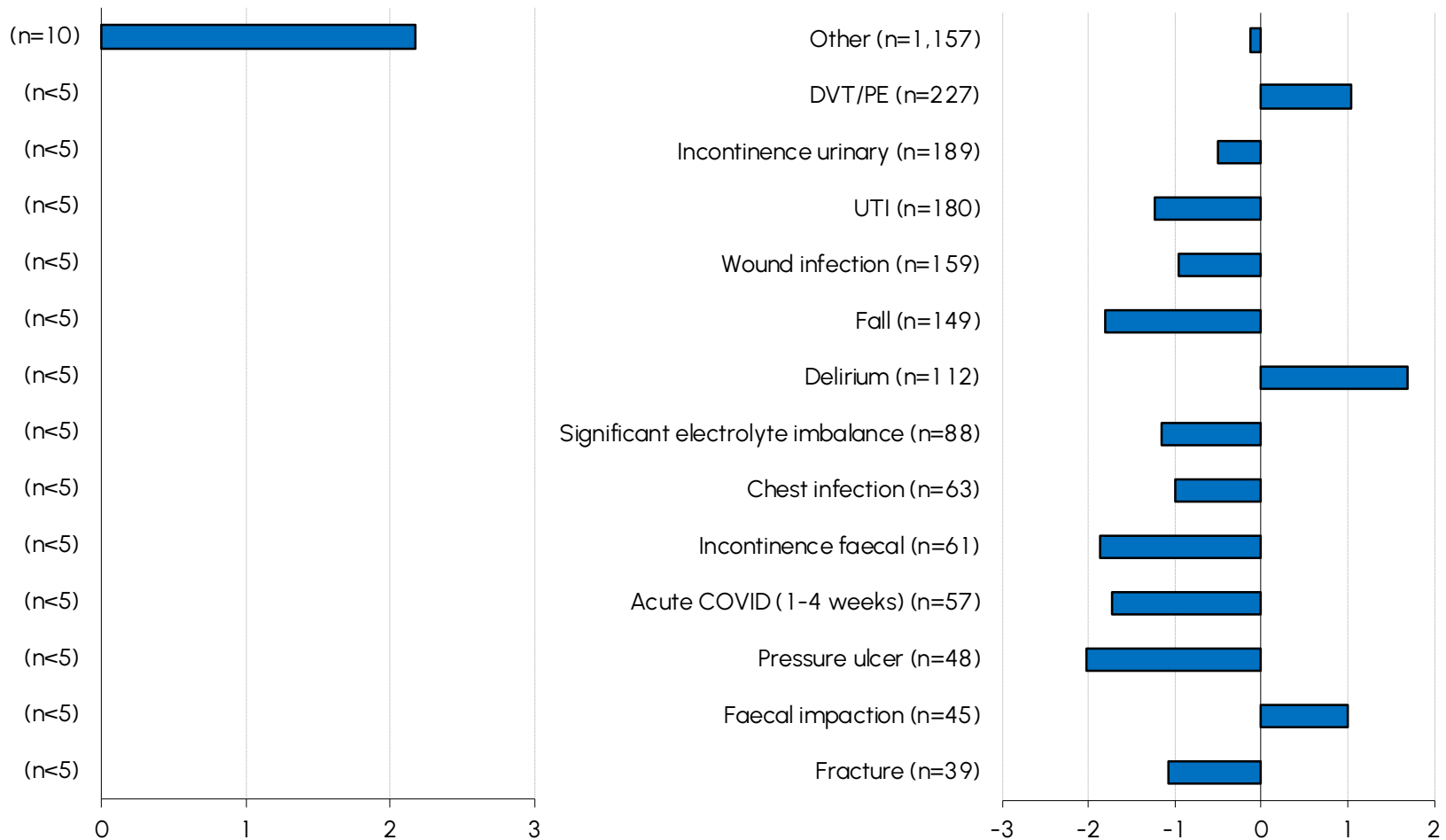
**CARMi LOS — ALL AROC FACILITIES CY25**

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**

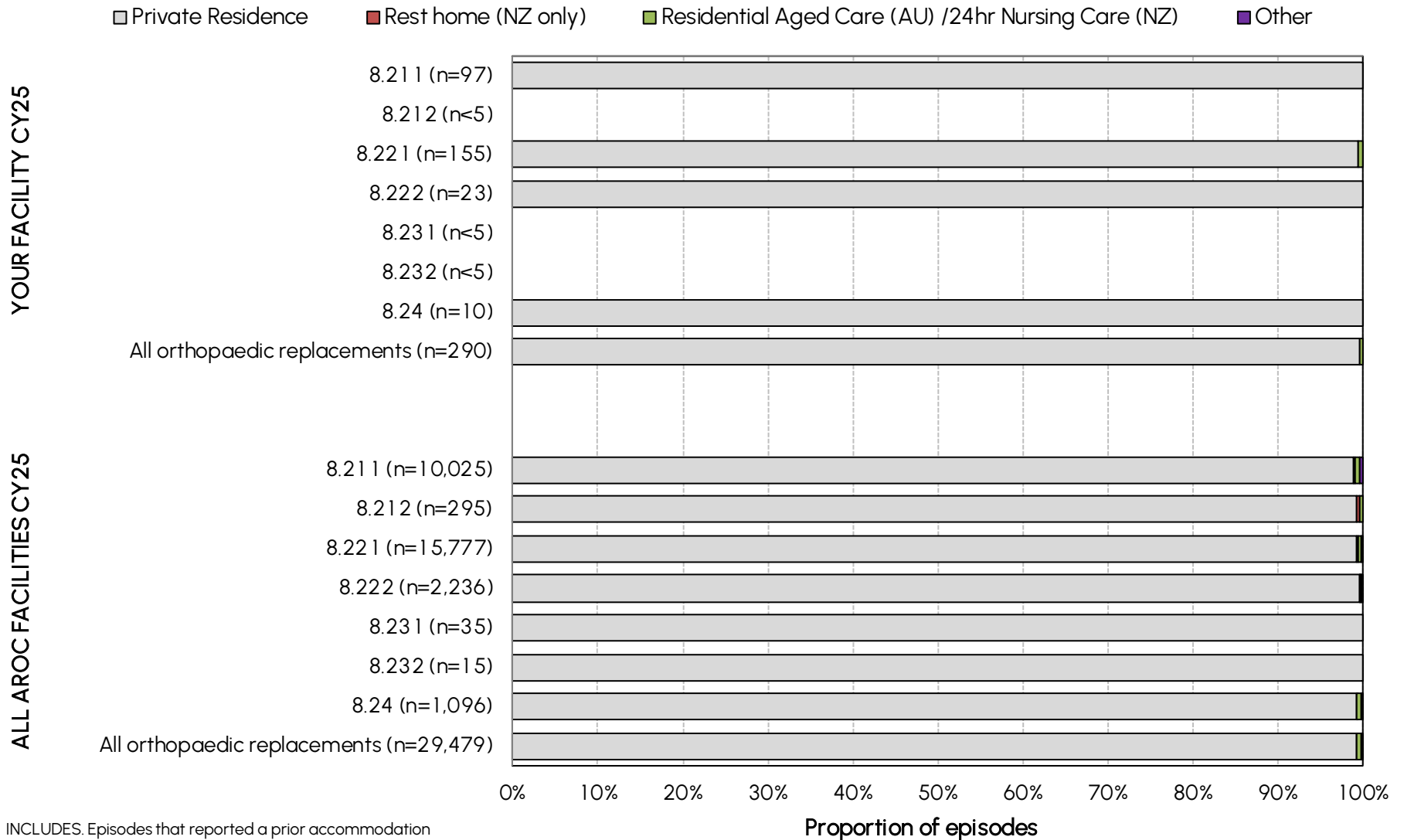
**CARMi FIM change — ALL AROC FACILITIES CY25**

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

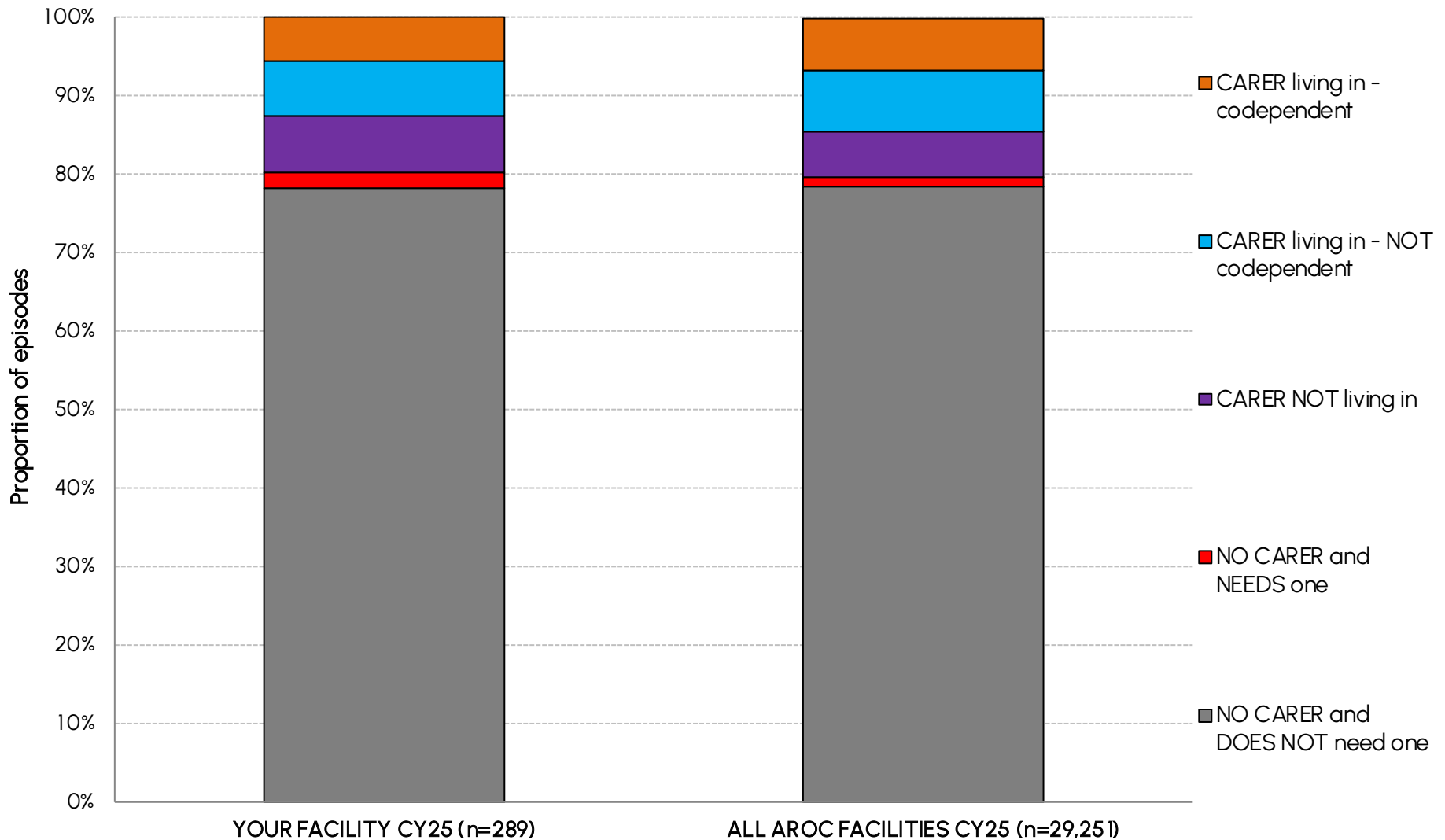
# Type of accommodation prior to impairment

Impairment code	YOUR FACILITY CY25 — N (%)				
	Private residence	Residential Aged	Other	Unknown	All episodes
		Care			
8.211 Unilateral hip replacement	97 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	97 (100.0)
8.212 Bilateral hip replacement	4 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	4 (100.0)
8.221 Unilateral knee replacement	154 (99.4)	1 (0.6)	0 (0.0)	0 (0.0)	155 (100.0)
8.222 Bilateral knee replacement	23 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	23 (100.0)
8.231 Knee and hip replacement, same side	1 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (100.0)
8.232 Knee and hip replacement, diff sides	0 —	0 —	0 —	0 —	0 —
8.24 Shoulder replacement	10 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	10 (100.0)
<b>All Orthopaedic Replacements</b>	<b>289 (99.7)</b>	<b>1 (0.3)</b>	<b>0 (0.0)</b>	<b>0 (0.0)</b>	<b>290 (100.0)</b>

Impairment code	ALL AROC FACILITIES CY25 — N (%)					
	Private residence	Rest Home (NZ only)	Residential Aged	Other	Unknown	All episodes
			Care (AU) / 24hr nursing care (NZ)			
8.211 Unilateral hip replacement	9,920 (98.8)	11 (0.1)	61 (0.6)	33 (0.3)	14 (0.1)	10,039 (100.0)
8.212 Bilateral hip replacement	293 (99.3)	(n<5) —	(n<5) —	0 (0.0)	0 (0.0)	295 (100.0)
8.221 Unilateral knee replacement	15,673 (99.3)	16 (0.1)	57 (0.4)	31 (0.2)	14 (0.1)	15,791 (100.0)
8.222 Bilateral knee replacement	2,228 (99.6)	(n<5) —	(n<5) —	6 (0.3)	0 (0.0)	2,236 (100.0)
8.231 Knee and hip replacement, same side	35 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	35 (100.0)
8.232 Knee and hip replacement, diff sides	15 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	15 (100.0)
8.24 Shoulder replacement	1,087 (99.0)	(n<5) —	6 (0.5)	(n<5) —	(n<5) —	1,098 (100.0)
<b>All Orthopaedic Replacements</b>	<b>29,251 (99.1)</b>	<b>30 (0.1)</b>	<b>126 (0.4)</b>	<b>72 (0.2)</b>	<b>30 (0.1)</b>	<b>29,509 (100.0)</b>

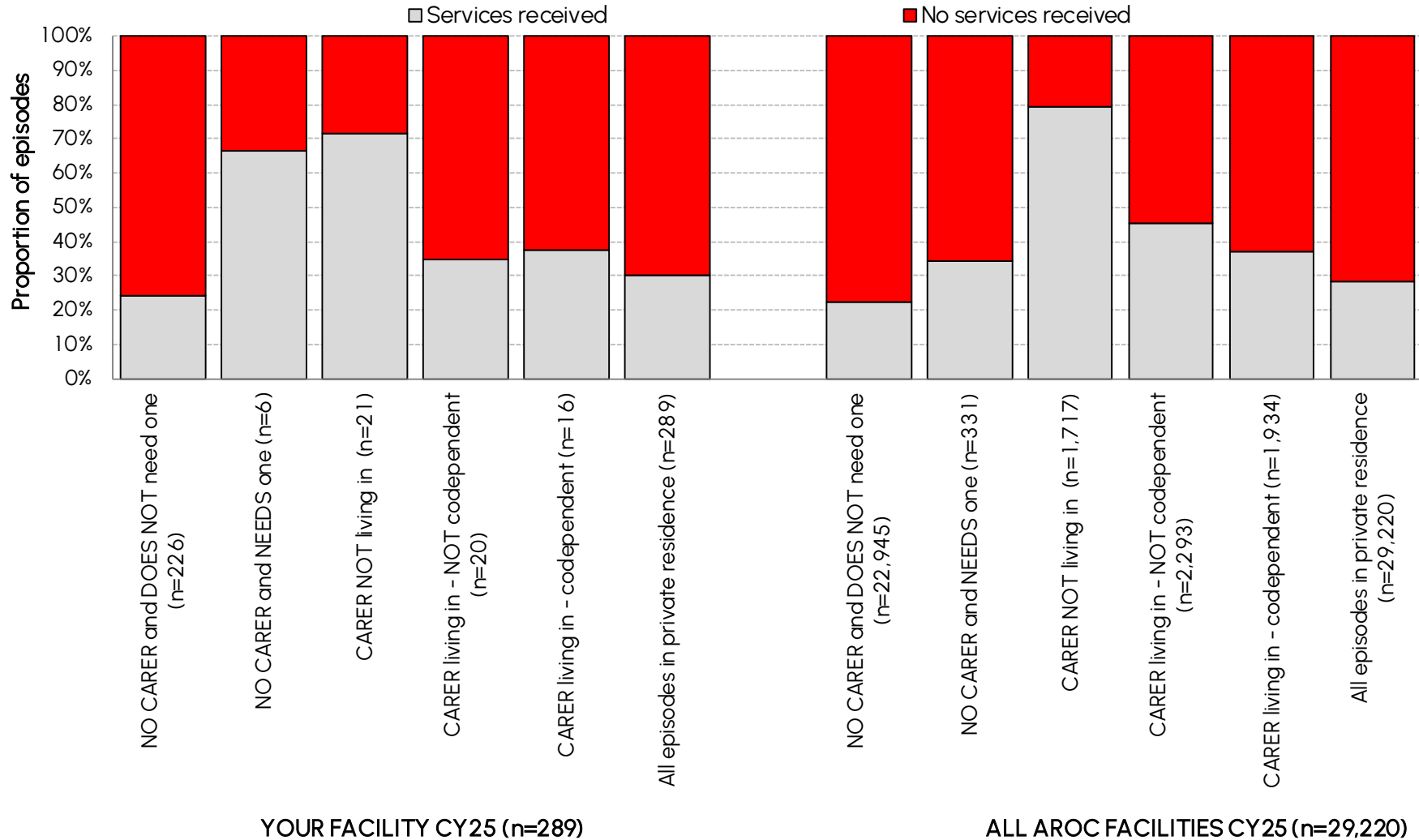
DATA SUPPRESSION: when <5 episodes summary data is suppressed

# 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

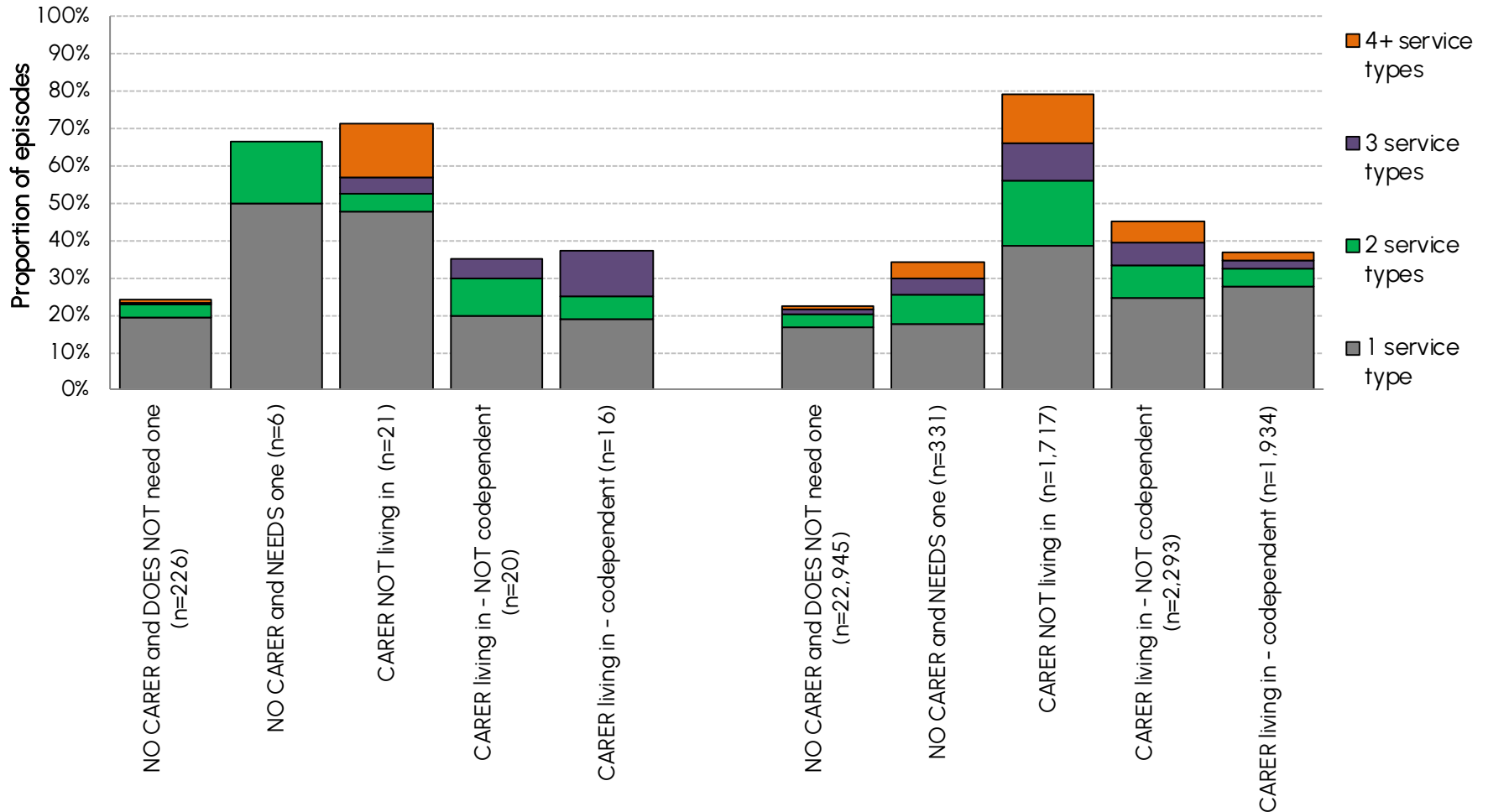
Carer status prior to this impairment	YOUR FACILITY CY25		ALL AROC FACILITIES CY25	
	N	%	N	%
NO CARER and DOES NOT need one	226	78.2	22,950	78.5
NO CARER and NEEDS one	6	2.1	331	1.1
CARER NOT living in	21	7.3	1,717	5.9
CARER living in - NOT codependent	20	6.9	2,293	7.8
CARER living in - codependent	16	5.5	1,934	6.6
Missing	0		26	
<b>All episodes in private residence</b>	<b>289</b>	<b>100.0</b>	<b>29,251</b>	<b>100.0</b>

Carer status prior to this impairment	Any services received prior to this impairment?			
	YOUR FACILITY CY25		ALL AROC FACILITIES CY25	
	Yes (%)	No (%)	Yes (%)	No (%)
NO CARER and DOES NOT need one	24.3	75.7	22.3	77.7
NO CARER and NEEDS one	66.7	33.3	34.1	65.9
CARER NOT living in	71.4	28.6	79.3	20.7
CARER living in - NOT codependent	35.0	65.0	45.2	54.8
CARER living in - codependent	37.5	62.5	36.9	63.1
<b>All episodes in private residence</b>	<b>30.1</b>	<b>69.9</b>	<b>28.5</b>	<b>71.5</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



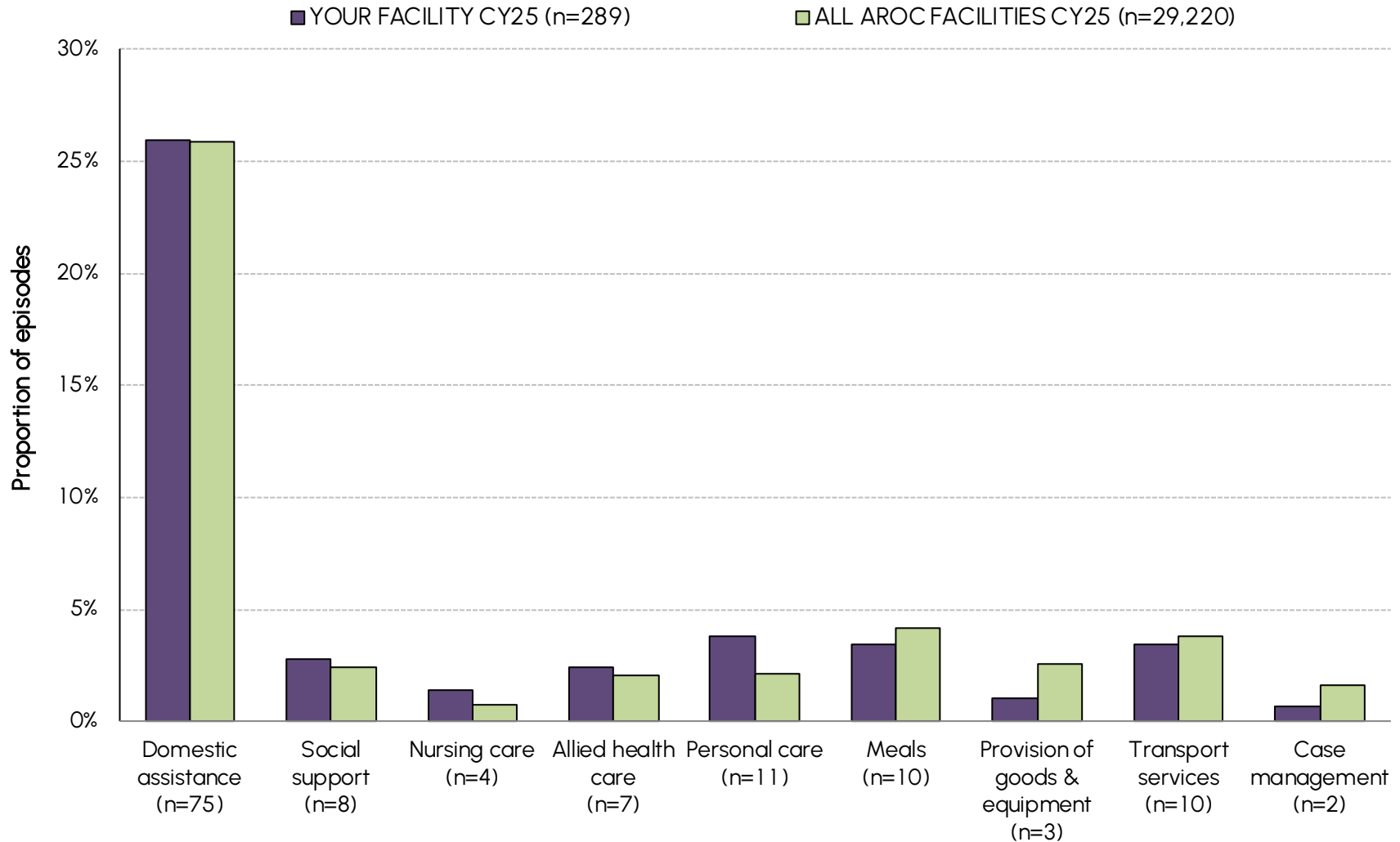
## YOUR FACILITY CY25 (n=289)

## ALL AROC FACILITIES CY25 (n=29,220)

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

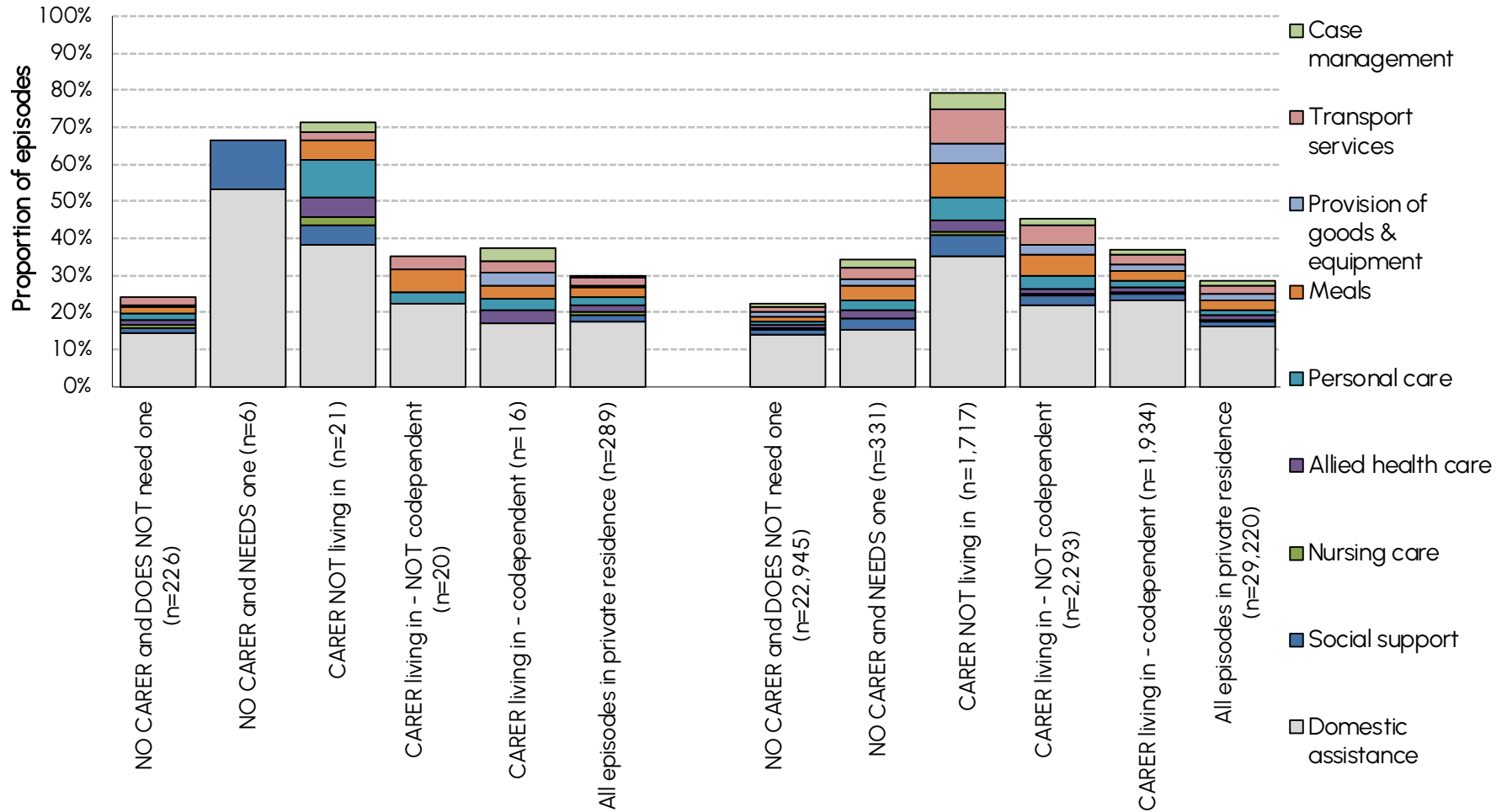
DATA SUPPRESSION: when <5 episodes summary data is suppressed

# 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



## YOUR FACILITY CY25 (n=289)

## ALL AROC FACILITIES CY25 (n=29,220)

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	226	6	21	20	16		<b>289</b>
<b>Percent of episodes receiving:</b>							
No services	75.7	33.3	28.6	65.0	62.5		<b>69.9</b>
1 service type	19.5	50.0	47.6	20.0	18.8		<b>22.1</b>
2 service types	3.5	16.7	4.8	10.0	6.3		<b>4.5</b>
3 service types	0.4	0.0	4.8	5.0	12.5		<b>1.7</b>
4 or more service types	0.9	0.0	14.3	0.0	0.0		<b>1.7</b>
<b>Service Type received</b>							
Domestic assistance	19.5	66.7	71.4	35.0	31.3		<b>26.0</b>
Social support	2.2	16.7	9.5	0.0	0.0		<b>2.8</b>
Nursing care	1.3	0.0	4.8	0.0	0.0		<b>1.4</b>
Allied health care	1.8	0.0	9.5	0.0	6.3		<b>2.4</b>
Personal care	2.2	0.0	19.0	5.0	6.3		<b>3.8</b>
Meals	2.2	0.0	9.5	10.0	6.3		<b>3.5</b>
Provision of goods & equipment	0.9	0.0	0.0	0.0	6.3		<b>1.0</b>
Transport services	3.1	0.0	4.8	5.0	6.3		<b>3.5</b>
Case management	0.0	0.0	4.8	0.0	6.3		<b>0.7</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

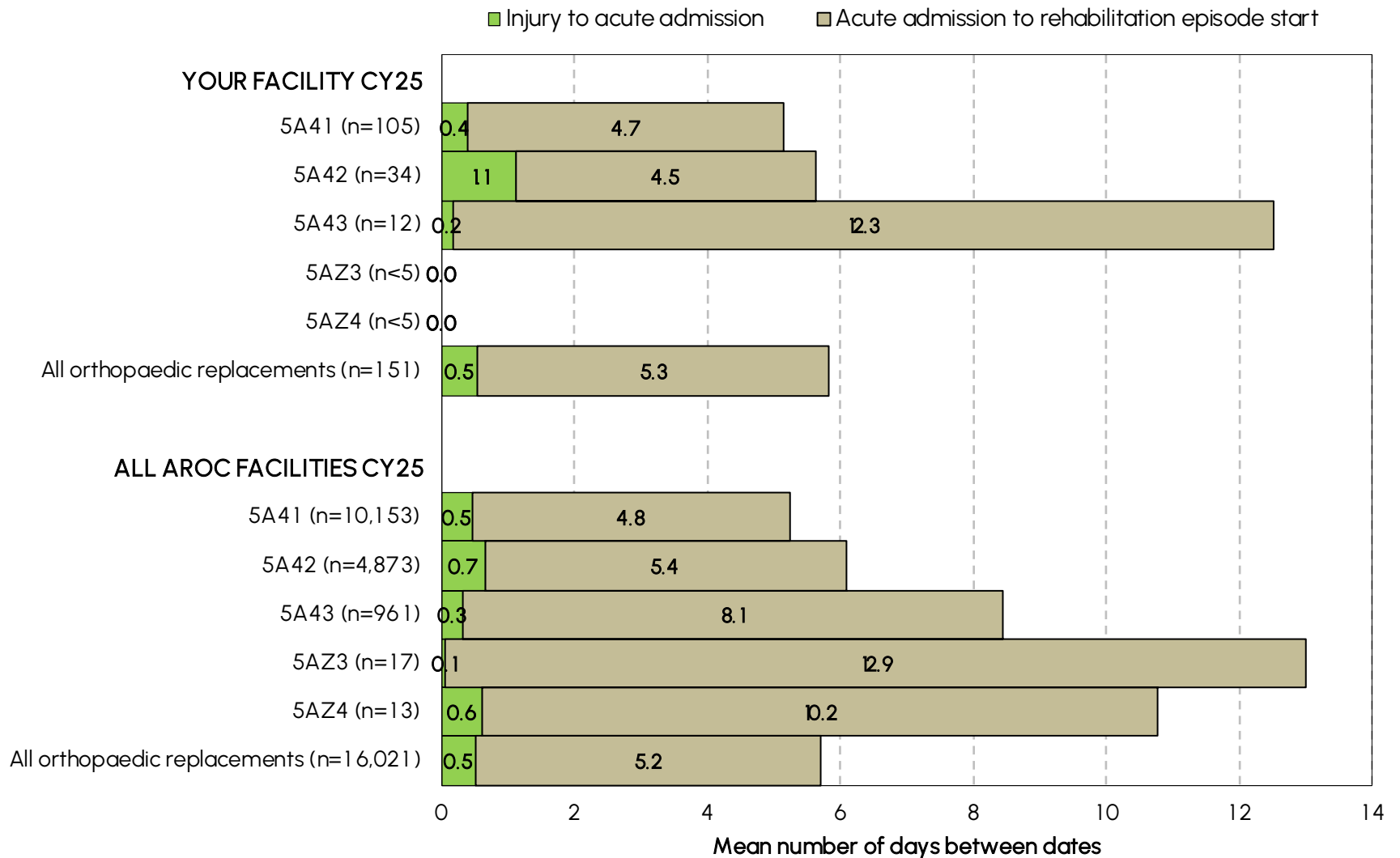
# Number and type of services received prior to impairment by carer status

Carer status prior to discharge - ALL AROC FACILITIES 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	22,945	331	1,717	2,293	1,934	<b>29,220</b>
<b>Percent of episodes receiving:</b>						
No services	77.7	65.9	20.7	54.8	63.1	<b>71.5</b>
1 service type	16.8	17.8	38.7	24.7	27.8	<b>19.4</b>
2 service types	3.5	7.6	17.3	8.8	4.7	<b>4.8</b>
3 service types	1.2	4.5	10.1	6.0	2.2	<b>2.2</b>
4 or more service types	0.8	4.2	13.2	5.7	2.2	<b>2.0</b>
<b>Service Type received</b>						
Domestic assistance	19.7	30.5	74.6	42.6	34.8	<b>25.9</b>
Social support	1.4	5.7	12.3	4.8	2.2	<b>2.4</b>
Nursing care	0.6	0.6	1.9	0.8	0.9	<b>0.7</b>
Allied health care	1.7	4.2	5.6	2.9	1.9	<b>2.1</b>
Personal care	0.7	4.5	13.9	6.8	2.6	<b>2.1</b>
Meals	2.3	7.9	19.6	10.4	3.8	<b>4.2</b>
Provision of goods & equipment	1.6	4.2	11.0	5.6	3.0	<b>2.6</b>
Transport services	2.0	5.7	19.8	10.1	3.9	<b>3.8</b>
Case management	0.9	3.9	8.8	3.0	1.7	<b>1.6</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

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

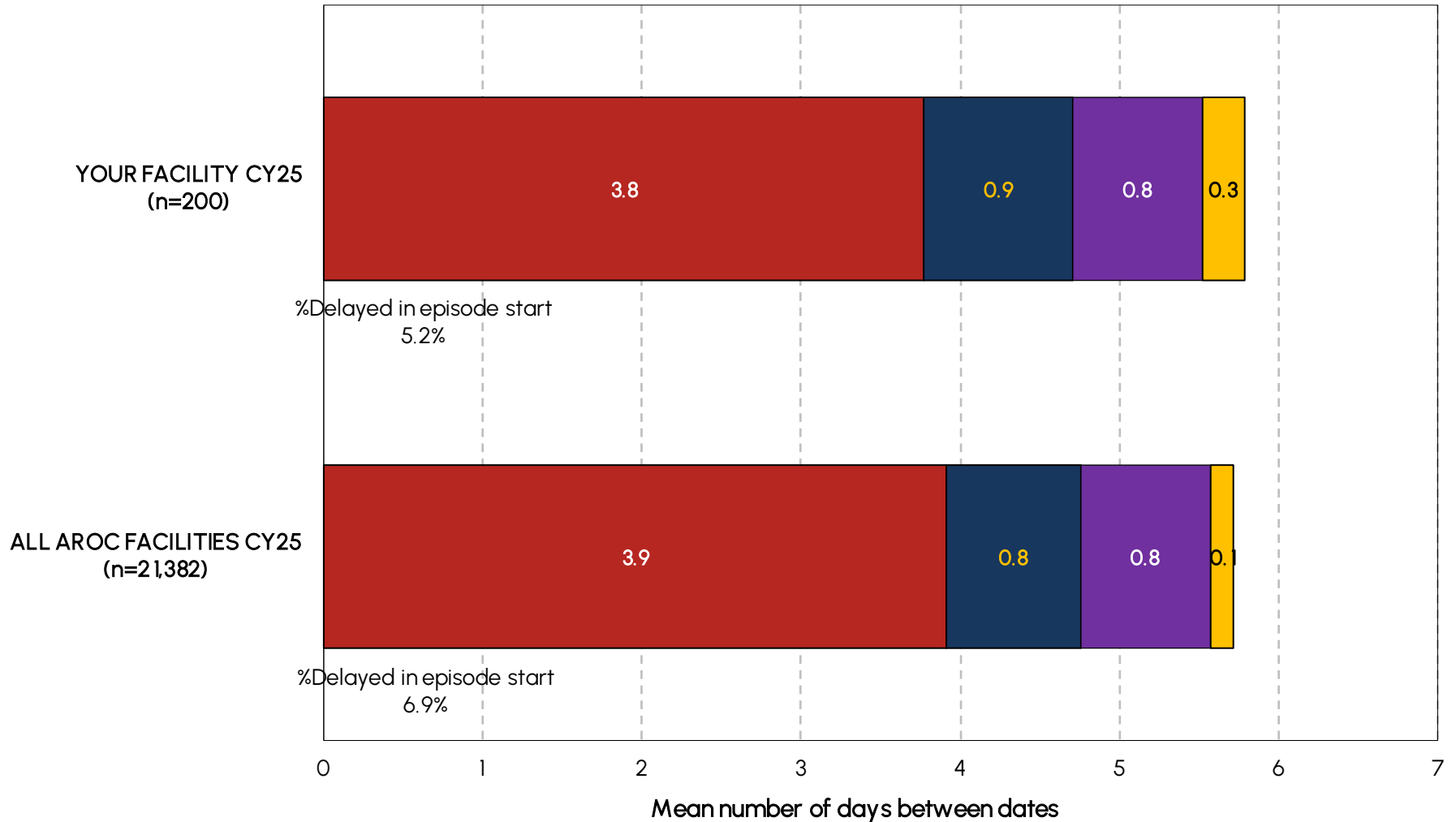


INCLUDES: first direct care admission episodes with valid date of onset, valid date of acute admission, valid episodes start date.

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

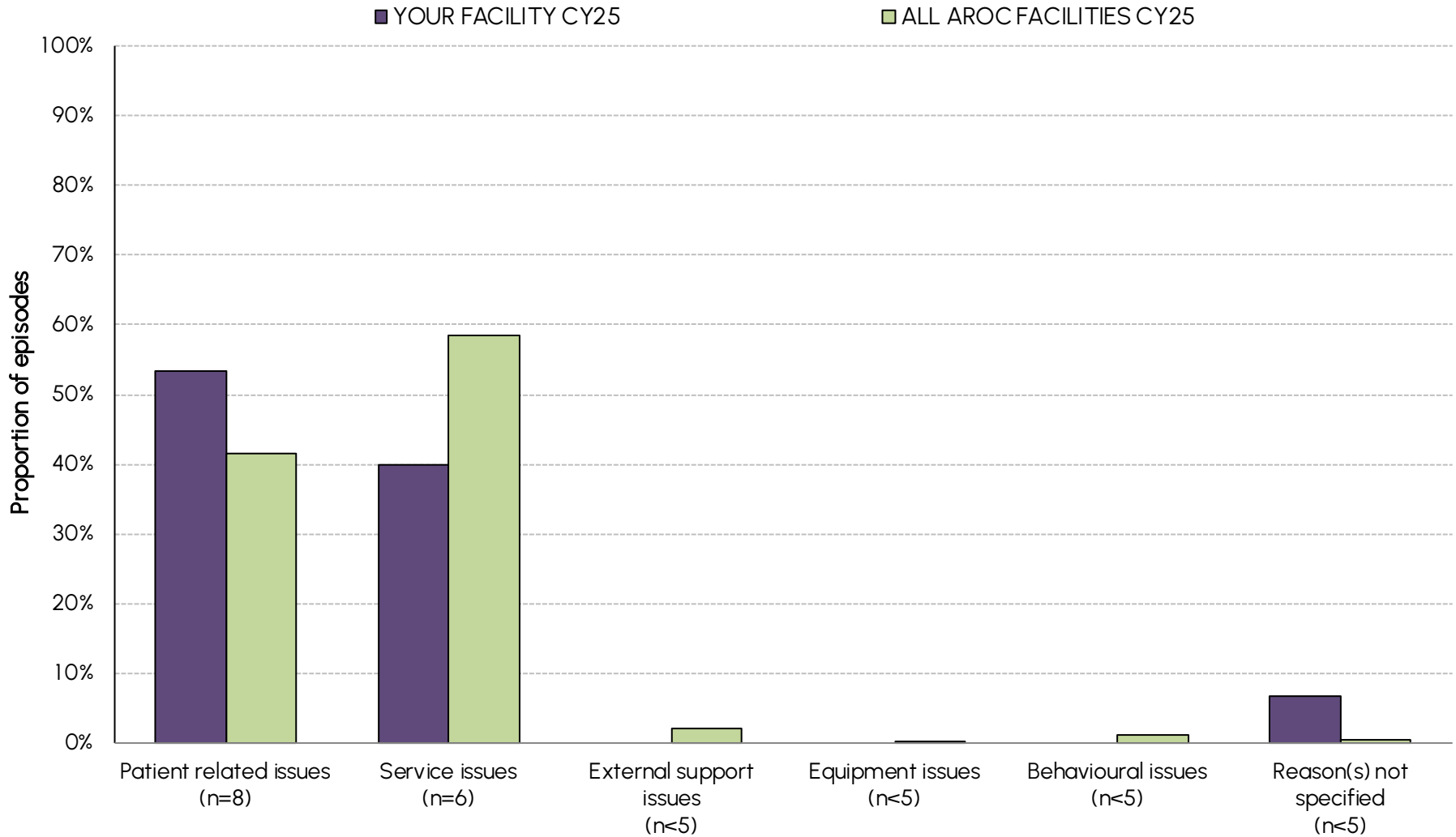
# Days from referral to rehabilitation episode start

■ 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.

# Type of delay in episode start



INCLUDES: episodes with a delay in episode start

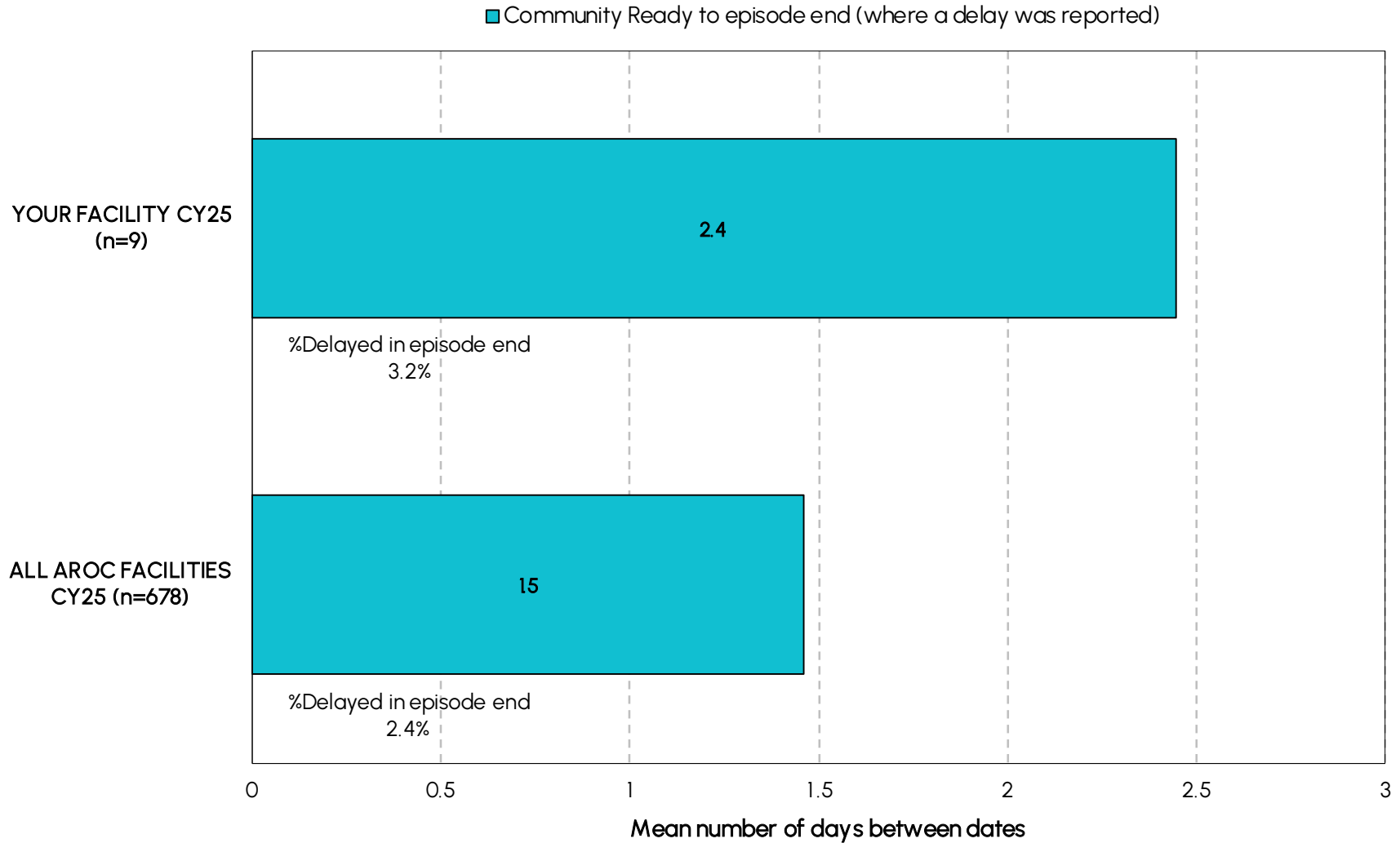
# Summary of delays in episode start

Delay in episode start	YOUR FACILITY CY25		ALL AROC FACILITIES CY25	
	N	%	N	%
No delay	275	94.8	27,420	93.1
Delay in episode start	15	5.2	2,034	6.9
Missing	0		55	
<b>All episodes</b>	<b>290</b>	<b>100.0</b>	<b>29,509</b>	<b>100.0</b>

Reasons for delay in episode start	YOUR FACILITY CY25		ALL AROC FACILITIES CY25	
	N	%	N	%
Patient related issues	8	53.3	847	41.6
Service issues	6	40.0	1 190	58.5
External support issues	0	0.0	40	2.0
Equipment issues	0	0.0	(n<5)	—
Behavioural issues	0	0.0	25	1.2
Reason(s) not specified	1	6.7	7	0.3

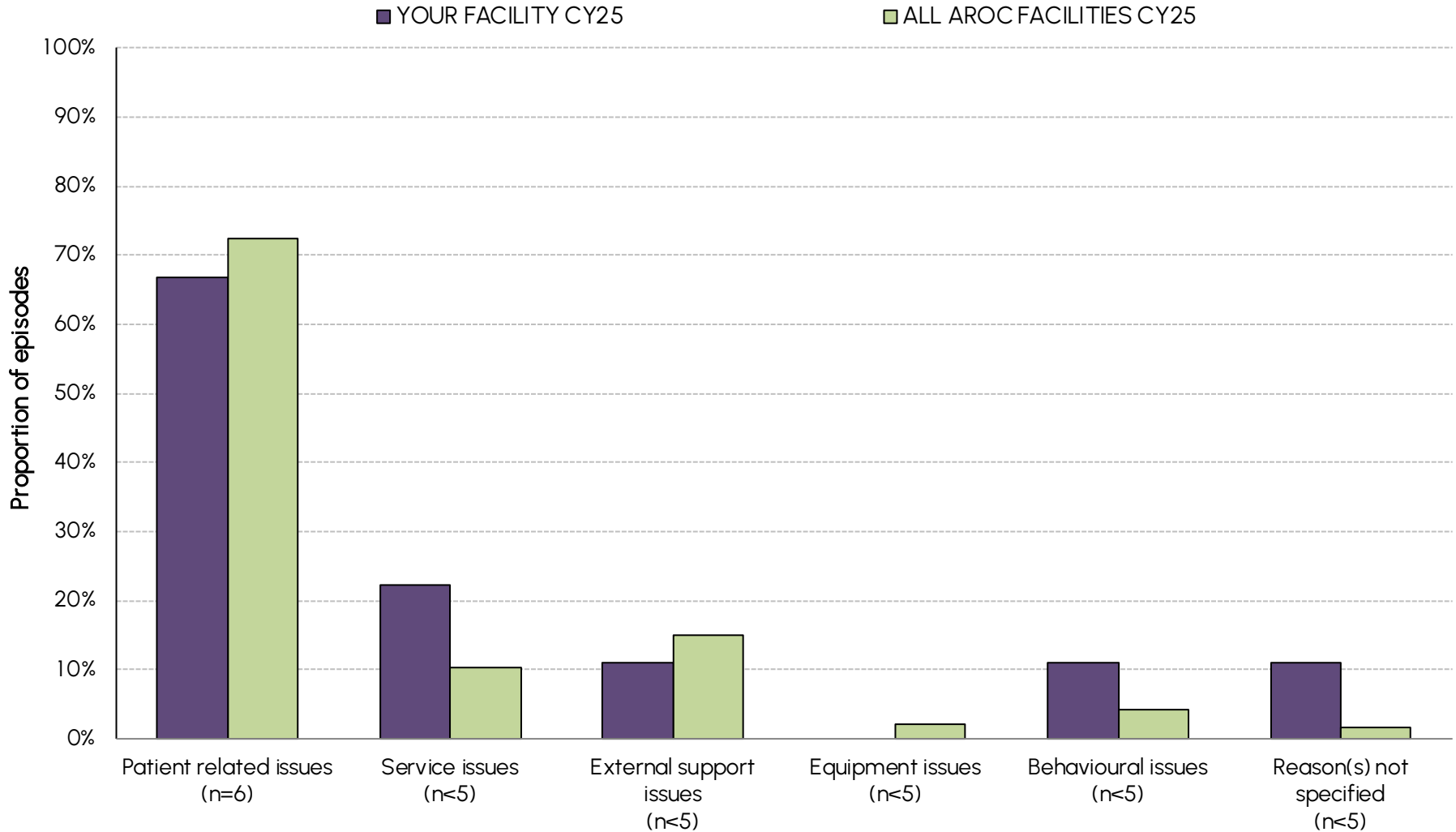
DATA SUPPRESSION: when <5 episodes in NATIONAL data counts and summary data is suppressed

# Days from community ready to discharge



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 delays in episode end

Delay in episode end	YOUR FACILITY CY25		ALL AROC FACILITIES CY25	
	N	%	N	%
No delay	272	96.8	27,894	97.6
Delay in episode end	9	3.2	683	2.4
Missing	0		32	
<b>All episodes</b>	<b>281</b>	<b>100.0</b>	<b>28,609</b>	<b>100.0</b>

Reasons for delay in episode end	YOUR FACILITY CY25		ALL AROC FACILITIES CY25	
	N	%	N	%
Patient related issues	6	66.7	495	72.5
Service issues	2	22.2	71	10.4
External support issues	1	11.1	102	14.9
Equipment issues	0	0.0	14	2.0
Behavioural issues	1	11.1	29	4.2
Reason(s) not specified	1	11.1	11	1.6

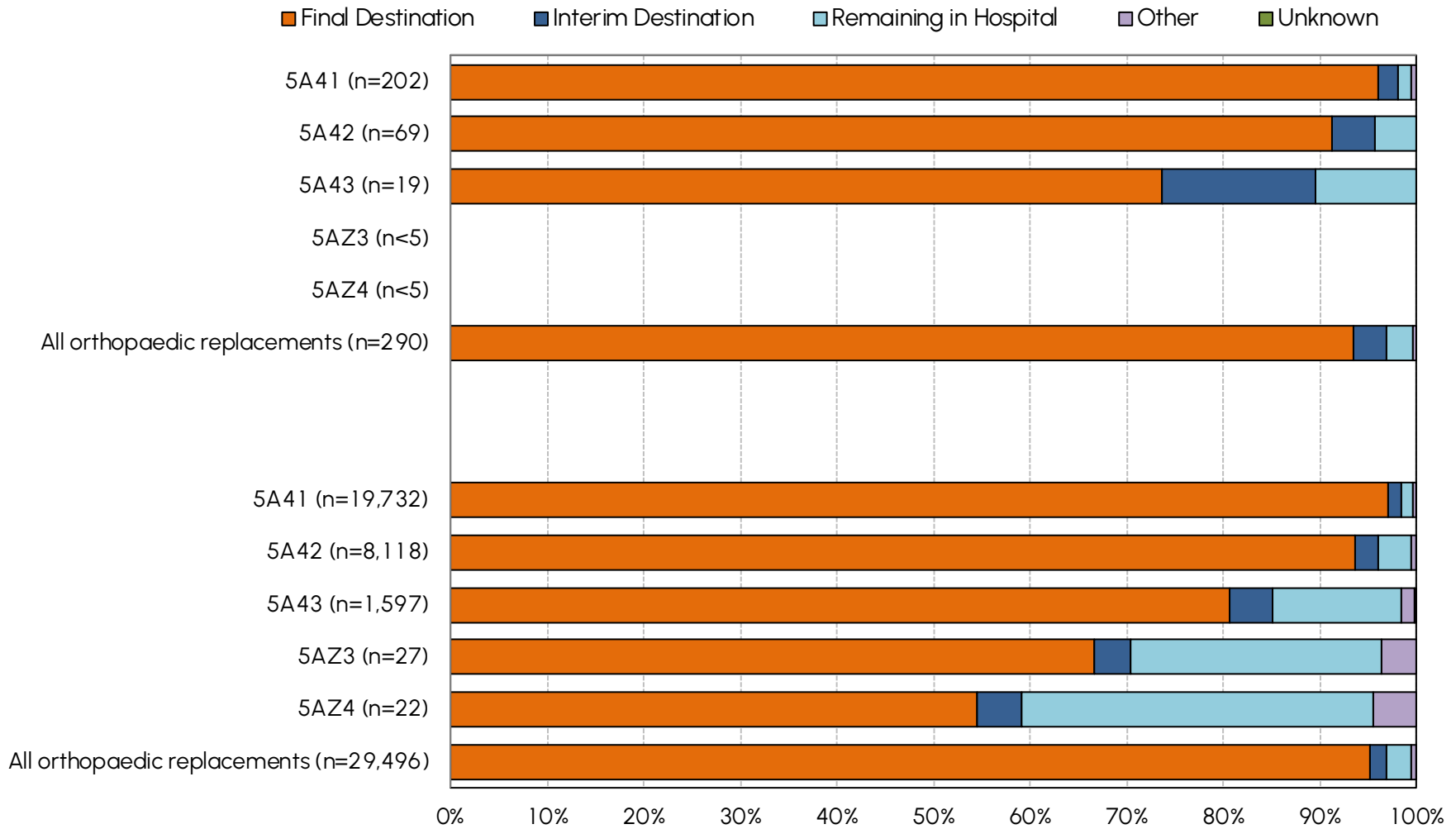
INCLUDES: complete episodes

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

# Mode of episode end by AN-SNAP class

YOUR FACILITY CY25

ALL AROC FACILITIES CY25



Proportion of episodes

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					ALL AROC FACILITIES CY25 — N				
	Final Destination	Interim Destination	Remaining in Hospital	Other	Unknown	Final Destination	Interim Destination	Remaining in Hospital	Other	Unknown
5A41 (weighted motor 61-91)	194	4	3	1	0	19,157	258	250	65	(n<5)
5A42 (weighted motor 45-60)	63	3	3	0	0	7,608	188	273	46	(n<5)
5A43 (weighted motor 19-44)	14	3	2	0	0	1,288	72	213	20	(n<5)
5AZ3 (motor 13-18, Age ≥ 79)	0	0	0	0	0	18	(n<5)	7	(n<5)	0
5AZ4 (motor 13-18, Age ≤ 78)	0	0	0	0	0	12	(n<5)	8	(n<5)	0
<b>All Replacement AN-SNAP classes</b>	<b>271</b>	<b>10</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>28,083</b>	<b>520</b>	<b>751</b>	<b>133</b>	<b>9</b>

AN-SNAP class V5	YOUR FACILITY CY25 — %					ALL AROC FACILITIES CY25 — %				
	Final Destination	Interim Destination	Remaining in Hospital	Other	Unknown	Final Destination	Interim Destination	Remaining in Hospital	Other	Unknown
5A41 (weighted motor 61-91)	96.0	2.0	1.5	0.5	0.0	97.1	1.3	1.3	0.3	(n<5)
5A42 (weighted motor 45-60)	91.3	4.3	4.3	0.0	0.0	93.7	2.3	3.4	0.6	(n<5)
5A43 (weighted motor 19-44)	73.7	15.8	10.5	0.0	0.0	80.7	4.5	13.3	1.3	(n<5)
5AZ3 (motor 13-18, Age ≥ 79)	—	—	—	—	—	66.7	(n<5)	25.9	(n<5)	0.0
5AZ4 (motor 13-18, Age ≤ 78)	—	—	—	—	—	54.5	(n<5)	36.4	(n<5)	0.0
<b>All Replacement AN-SNAP classes</b>	<b>93.4</b>	<b>3.4</b>	<b>2.8</b>	<b>0.3</b>	<b>0.0</b>	<b>95.2</b>	<b>1.8</b>	<b>2.5</b>	<b>0.5</b>	<b>0.0</b>

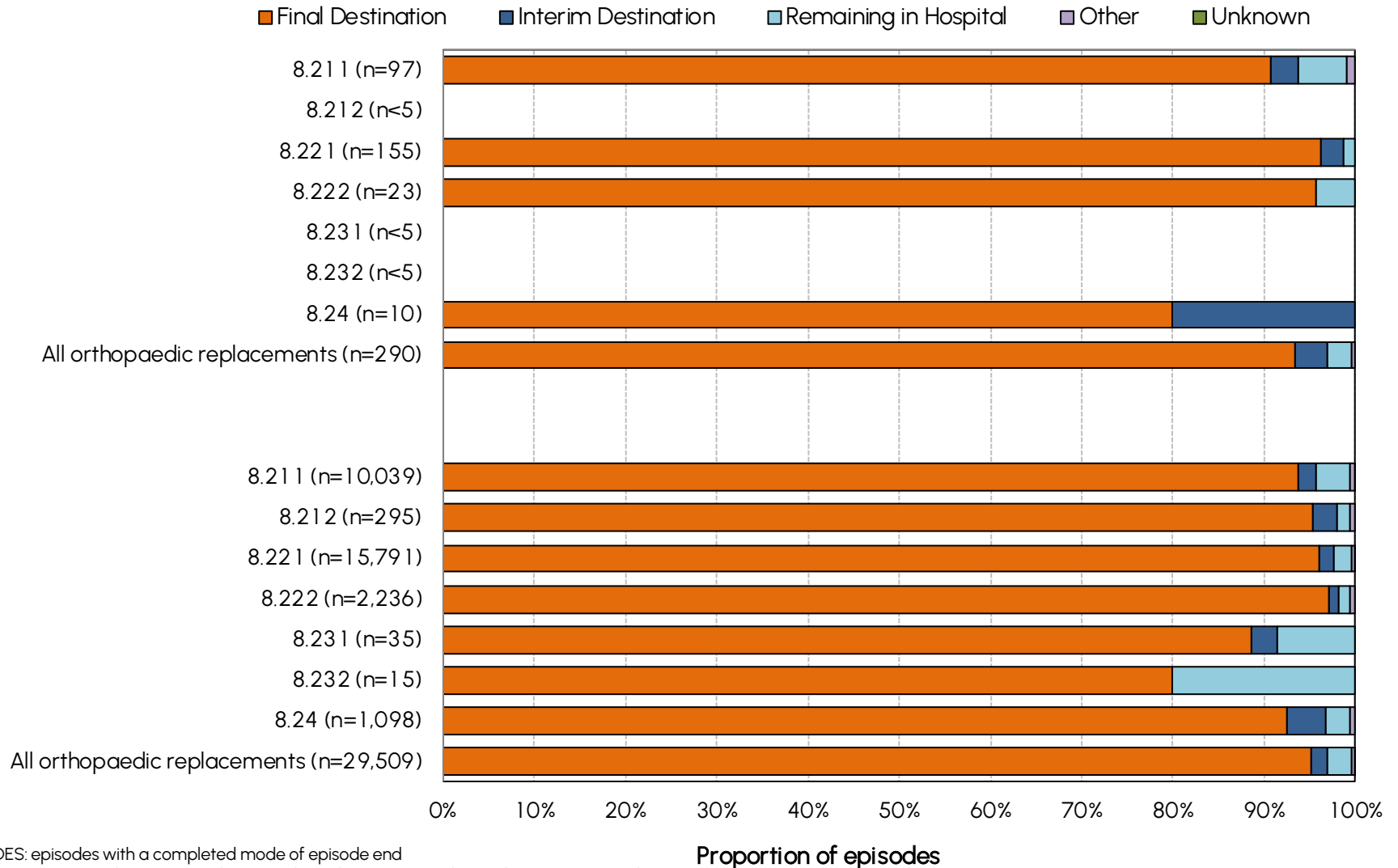
INCLUDES: episodes with a groupable AN-SNAP class (not 599A) and completed mode of episode end

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

# Mode of episode end by impairment code

YOUR FACILITY CY25

ALL AROC FACILITIES CY25



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

Proportion of episodes

# Mode of episode end by impairment code

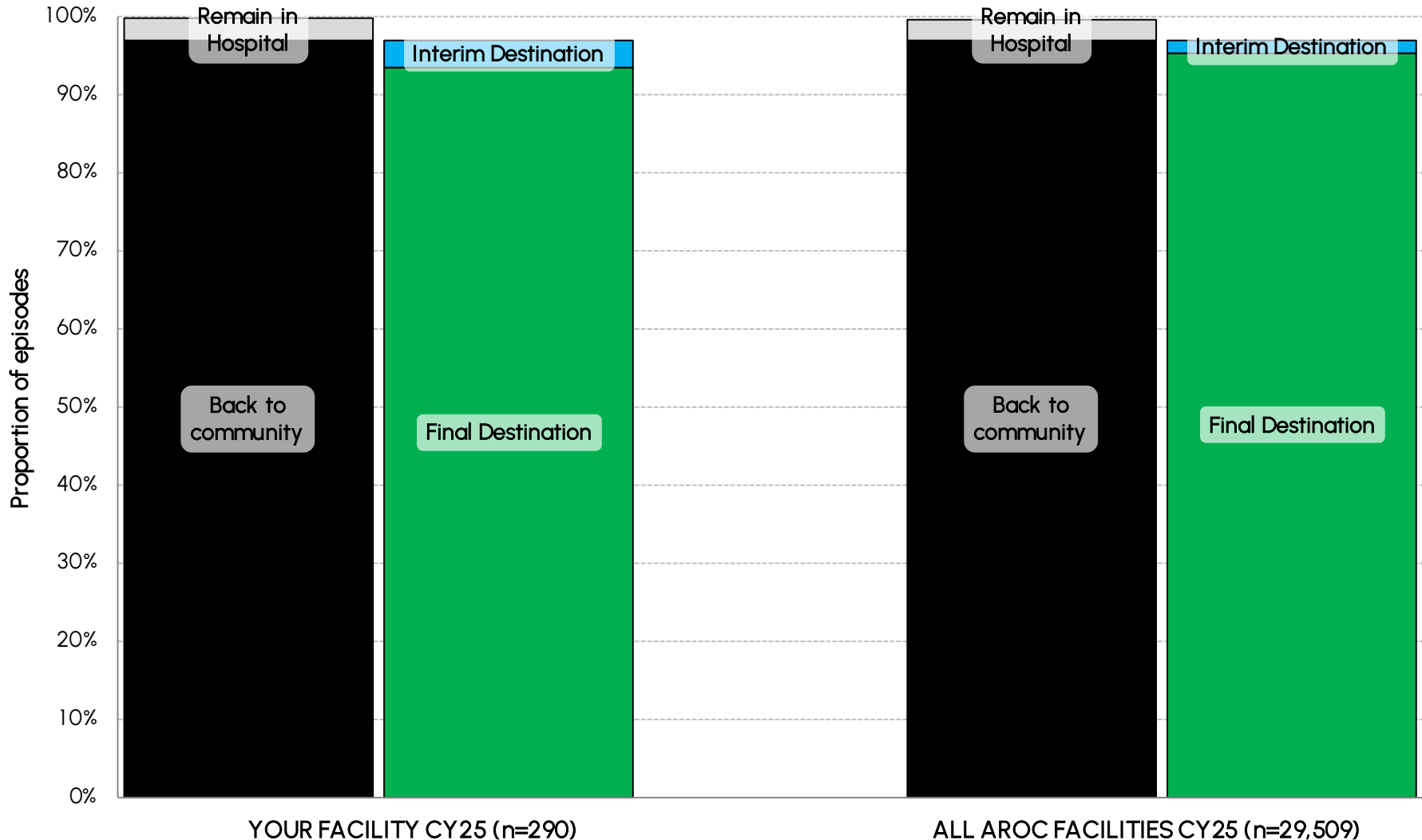
Impairment code	YOUR FACILITY CY25 — N					ALL AROC FACILITIES CY25 — N				
	Final	Interim	Remaining	Other	Unknown	Final	Interim	Remaining in	Other	Unknown
	Destination	Destination	in Hospital			Destination	Destination	Hospital		
8.211 Unilateral hip replacement	88	3	5	1	0	9,402	211	364	54	8
8.212 Bilateral hip replacement	3	1	0	0	0	281	8	(n<5)	(n<5)	0
8.221 Unilateral knee replacement	149	4	2	0	0	15,178	230	320	59	(n<5)
8.222 Bilateral knee replacement	22	0	1	0	0	2,172	24	28	12	0
8.231 Knee and hip replacement, same side	1	0	0	0	0	31	(n<5)	(n<5)	0	0
8.232 Knee and hip replacement, diff sides	0	0	0	0	0	12	0	(n<5)	0	0
8.24 Shoulder replacement	8	2	0	0	0	1,016	46	30	6	0
<b>All Orthopaedic Replacements</b>	<b>271</b>	<b>10</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>28,092</b>	<b>520</b>	<b>752</b>	<b>133</b>	<b>12</b>

Impairment code	YOUR FACILITY CY25 — %					ALL AROC FACILITIES CY25 — %				
	Final	Interim	Remaining	Other	Unknown	Final	Interim	Remaining in	Other	Unknown
	Destination	Destination	in Hospital			Destination	Destination	Hospital		
8.211 Unilateral hip replacement	90.7	3.1	5.2	1.0	0.0	93.7	2.1	3.6	0.5	0.1
8.212 Bilateral hip replacement	75.0	25.0	0.0	0.0	0.0	95.3	2.7	(n<5)	(n<5)	0.0
8.221 Unilateral knee replacement	96.1	2.6	1.3	0.0	0.0	96.1	1.5	2.0	0.4	(n<5)
8.222 Bilateral knee replacement	95.7	0.0	4.3	0.0	0.0	97.1	1.1	1.3	0.5	0.0
8.231 Knee and hip replacement, same side	100.0	0.0	0.0	0.0	0.0	88.6	(n<5)	(n<5)	0.0	0.0
8.232 Knee and hip replacement, diff sides	—	—	—	—	—	80.0	0.0	(n<5)	0.0	0.0
8.24 Shoulder replacement	80.0	20.0	0.0	0.0	0.0	92.5	4.2	2.7	0.5	0.0
<b>All Orthopaedic Replacements</b>	<b>93.4</b>	<b>3.4</b>	<b>2.8</b>	<b>0.3</b>	<b>0.0</b>	<b>95.2</b>	<b>1.8</b>	<b>2.5</b>	<b>0.5</b>	<b>0.0</b>

INCLUDES: episodes with a completed mode of episode end

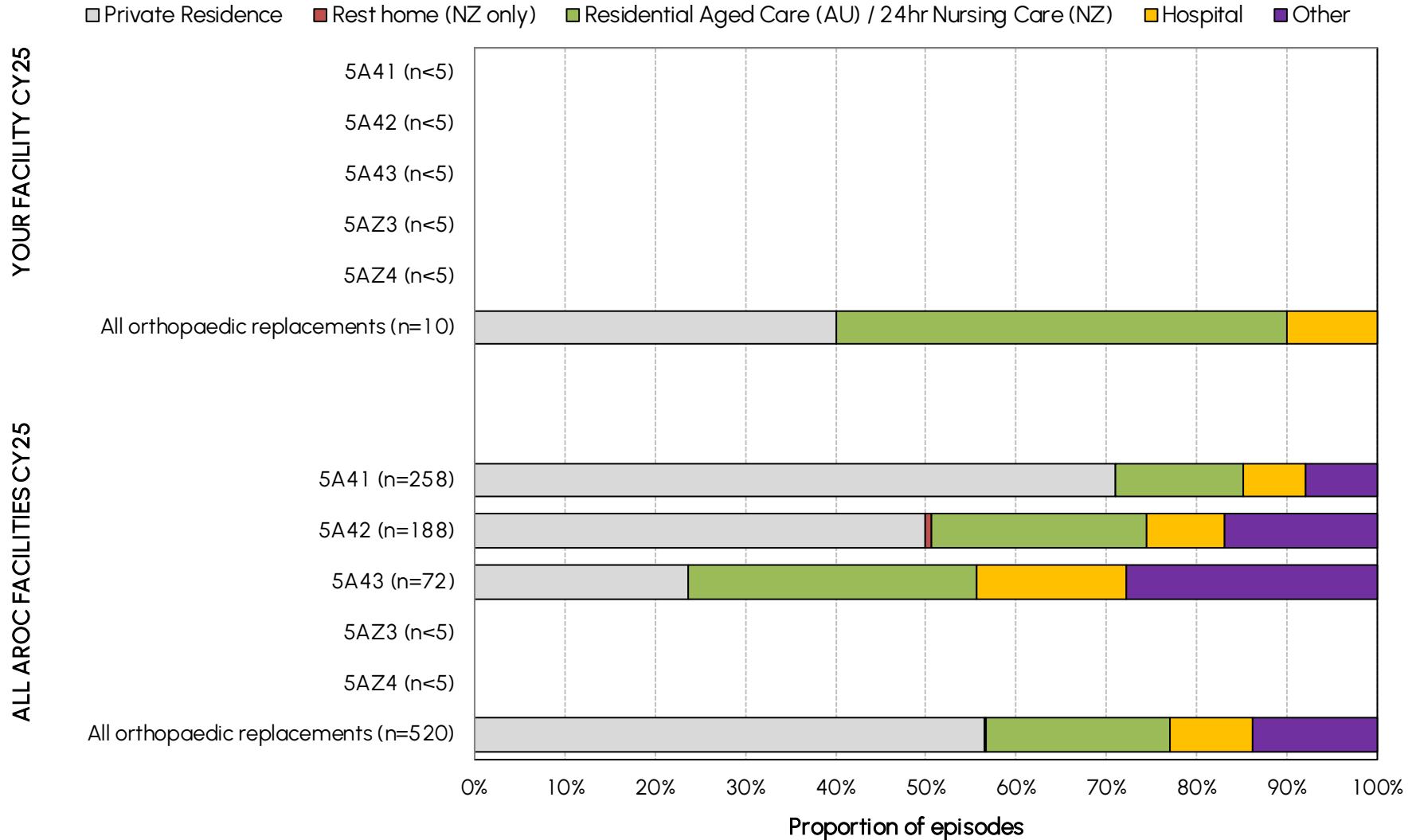
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# 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 8 episodes in ALL AROC FACILITIES 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

AN-SNAP class V5	YOUR FACILITY CY25 — N (%)				
	Private residence	Residential Aged Care	Hospital	Other	All episodes
5A41 (weighted motor 61-91)	2 (50.0)	2 (50.0)	0 (0.0)	0 (0.0)	4 (100.0)
5A42 (weighted motor 45-60)	2 (66.7)	0 (0.0)	1 (33.3)	0 (0.0)	3 (100.0)
5A43 (weighted motor 19-44)	0 (0.0)	3 (100.0)	0 (0.0)	0 (0.0)	3 (100.0)
5AZ3 (motor 13-18, Age ≥ 79)	0 —	0 —	0 —	0 —	0 —
5AZ4 (motor 13-18, Age ≤ 78)	0 —	0 —	0 —	0 —	0 —
<b>All Replacement AN-SNAP classes</b>	<b>4 (40.0)</b>	<b>5 (50.0)</b>	<b>1 (10.0)</b>	<b>0 (0.0)</b>	<b>10 (100.0)</b>

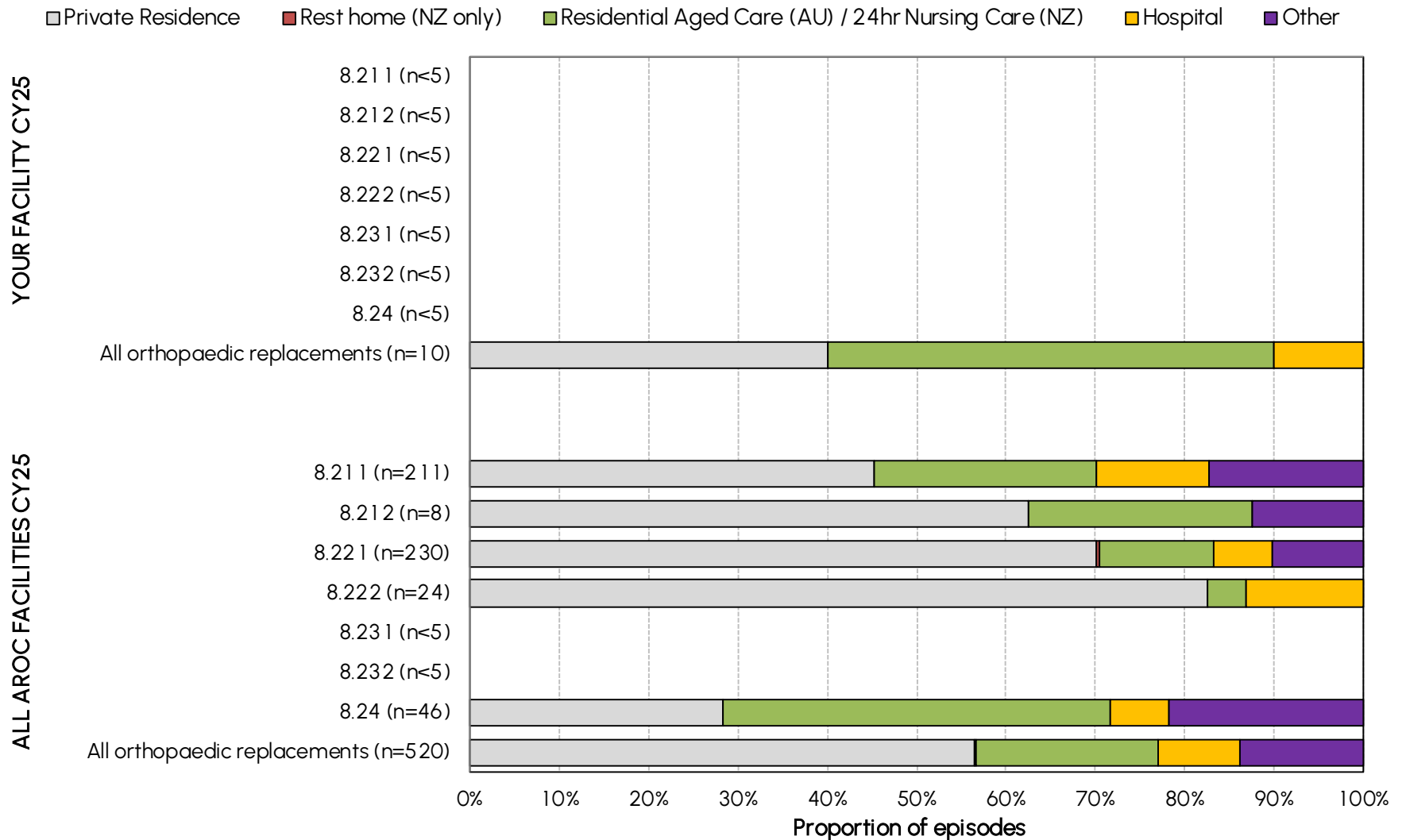
AN-SNAP class V5	ALL AROC FACILITIES CY25 — N (%)					
	Private residence	Rest Home (NZ only)	Residential Aged Care (AU) / 24hr Nursing Care (NZ)	Hospital	Other	All episodes
5A41 (weighted motor 61-91)	181 (70.2)	0 (0.0)	36 (14.0)	18 (7.0)	19 (7.4)	258 (100.0)
5A42 (weighted motor 45-60)	92 (48.9)	(n<5) —	44 (23.4)	16 (8.5)	31 (16.5)	188 (100.0)
5A43 (weighted motor 19-44)	17 (23.6)	0 (0.0)	23 (31.9)	12 (16.7)	20 (27.8)	72 (100.0)
5AZ3 (motor 13-18, Age ≥ 79)	0 (0.0)	0 (0.0)	(n<5) —	0 (0.0)	0 (0.0)	(n<5) —
5AZ4 (motor 13-18, Age ≤ 78)	0 (0.0)	0 (0.0)	0 (0.0)	(n<5) —	0 (0.0)	(n<5) —
<b>All Replacement AN-SNAP classes</b>	<b>290 (55.8)</b>	<b>(n&lt;5) —</b>	<b>104 (20.0)</b>	<b>47 (9.0)</b>	<b>70 (13.5)</b>	<b>520 (100.0)</b>

MISSING DATA: There were 0 episode(s) in YOUR FACILITY CY25 and 8 episodes in ALL AROC FACILITIES 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



MISSING DATA: There were 0 episode(s) in YOUR FACILITY CY25 and 8 episodes in ALL AROC FACILITIES 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

Impairment code	YOUR FACILITY CY25 — N (%)					
	Private residence	Residential Aged		Hospital	Other	All episodes
		Care				
8.211 Unilateral hip replacement	0 (0.0)	3 (100.0)	0 (0.0)	0 (0.0)	3 (100.0)	
8.212 Bilateral hip replacement	0 (0.0)	1 (100.0)	0 (0.0)	0 (0.0)	1 (100.0)	
8.221 Unilateral knee replacement	2 (50.0)	1 (25.0)	1 (25.0)	0 (0.0)	4 (100.0)	
8.222 Bilateral knee replacement	0 —	0 —	0 —	0 —	0 —	
8.231 Knee and hip replacement, same side	0 —	0 —	0 —	0 —	0 —	
8.232 Knee and hip replacement, diff sides	0 —	0 —	0 —	0 —	0 —	
8.24 Shoulder replacement	2 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (100.0)	
<b>All Orthopaedic Replacements</b>	<b>4 (40.0)</b>	<b>5 (50.0)</b>	<b>1 (10.0)</b>	<b>0 (0.0)</b>	<b>10 (100.0)</b>	

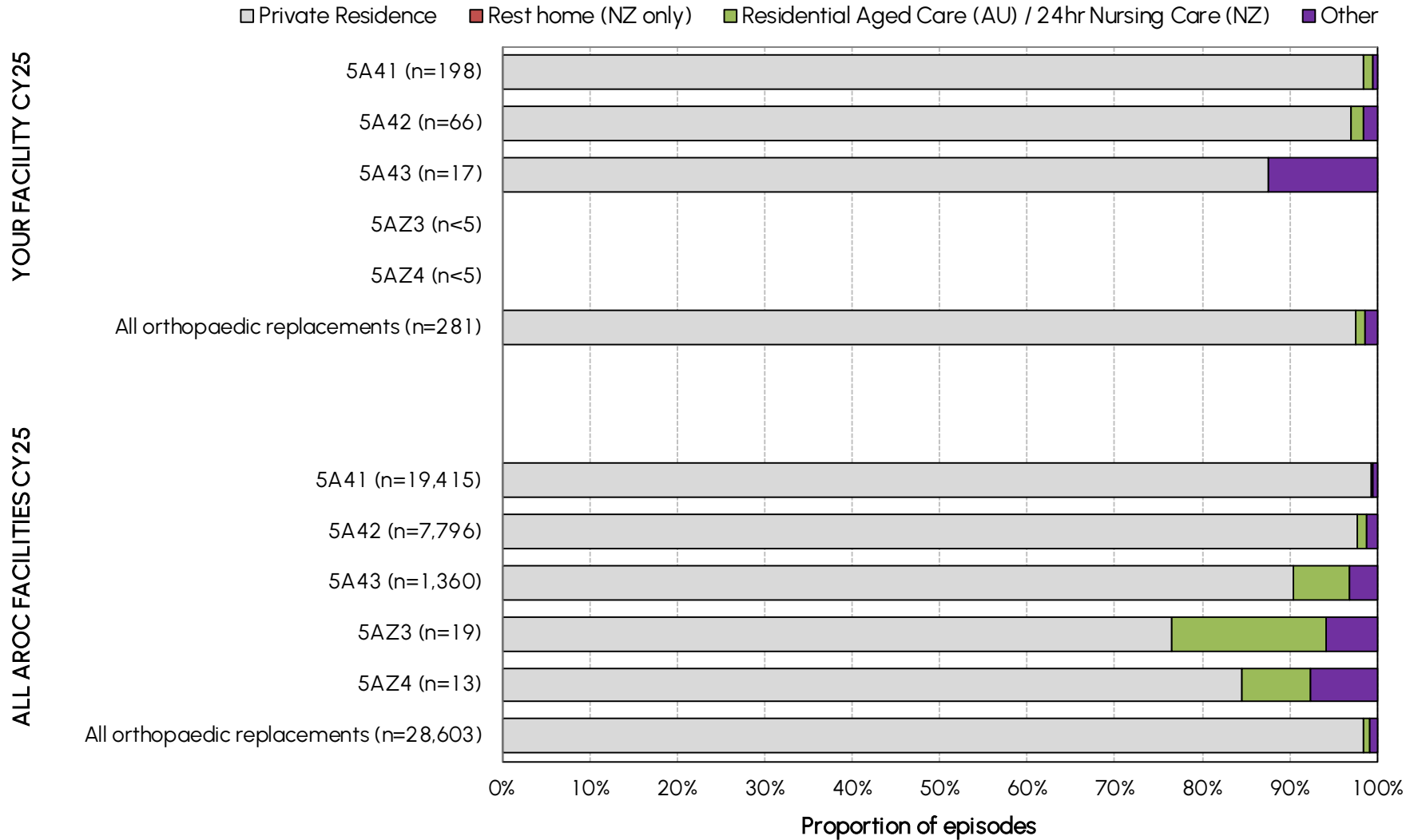
Impairment code	ALL AROC FACILITIES CY25 — N (%)						
	Private residence	Rest Home (NZ only)	Residential Aged		Hospital	Other	All episodes
			Care (AU) / 24hr	Nursing Care (NZ)			
8.211 Unilateral hip replacement	94 (44.5)	0 (0.0)	52 (24.6)	26 (12.3)	36 (17.1)	211 (100.0)	
8.212 Bilateral hip replacement	5 (62.5)	0 (0.0)	(n<5) —	0 (0.0)	(n<5) —	8 (100.0)	
8.221 Unilateral knee replacement	159 (69.1)	(n<5) —	29 (12.6)	15 (6.5)	22 (9.6)	230 (100.0)	
8.222 Bilateral knee replacement	19 (79.2)	0 (0.0)	(n<5) —	(n<5) —	0 (0.0)	24 (100.0)	
8.231 Knee and hip replacement, same side	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	(n<5) —	(n<5) —	
8.232 Knee and hip replacement, diff sides	0 —	0 —	0 —	0 —	0 —	0 —	
8.24 Shoulder replacement	13 (28.3)	0 (0.0)	20 (43.5)	(n<5) —	10 (21.7)	46 (100.0)	
<b>All Orthopaedic Replacements</b>	<b>290 (55.8)</b>	<b>(n&lt;5) —</b>	<b>104 (20.0)</b>	<b>47 (9.0)</b>	<b>70 (13.5)</b>	<b>520 (100.0)</b>	

MISSING DATA: There were 0 episode(s) in YOUR FACILITY CY25 and 8 episodes in ALL AROC FACILITIES 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 discharge destination 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

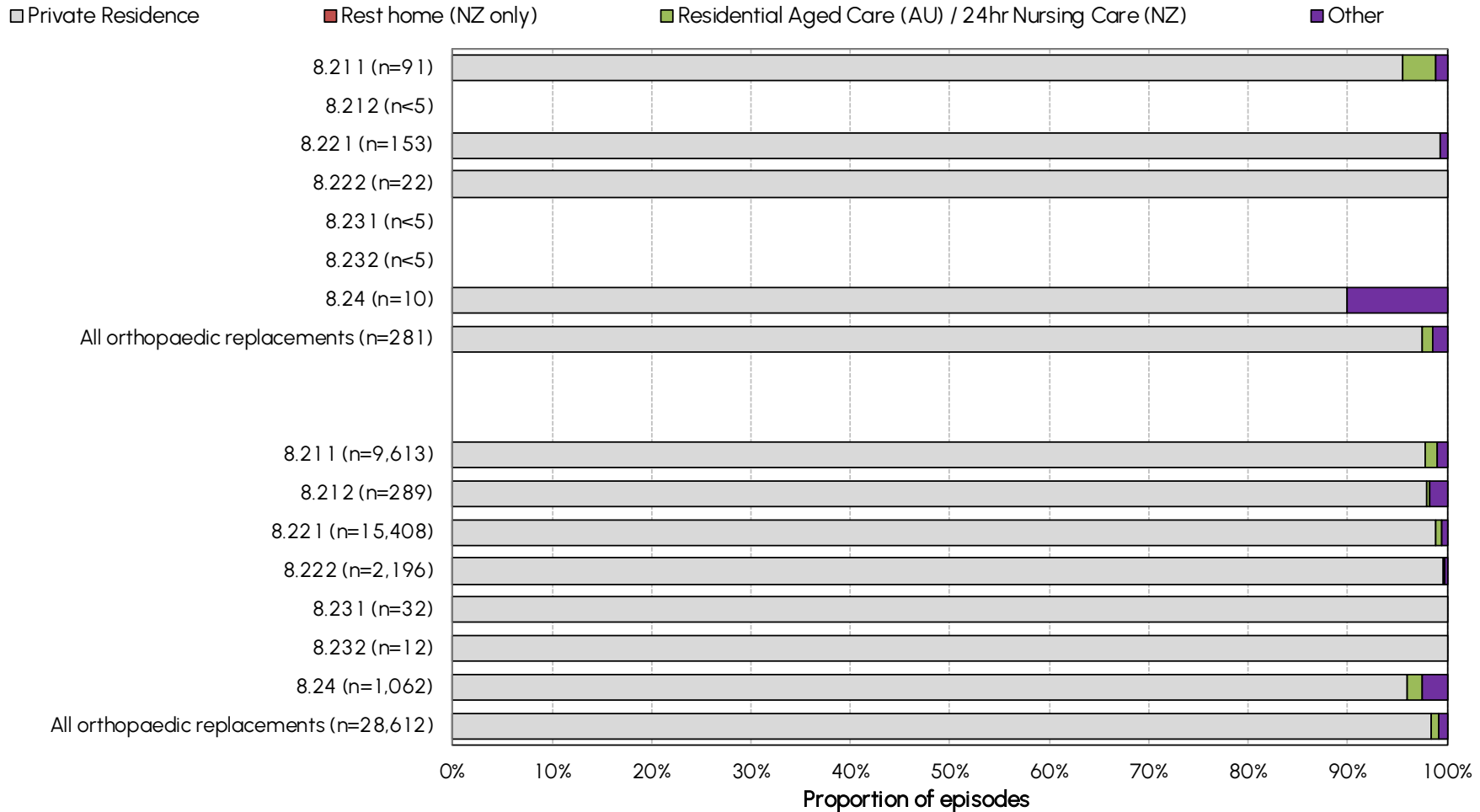
AN-SNAP class V5	YOUR FACILITY CY25 — N (%)					All episodes
	Private residence	Residential Aged Care	Other	Missing		
5A41 (weighted motor 61-91)	195 (98.5)	2 (1.0)	1 (0.5)	0 (0.0)		198 (100.0)
5A42 (weighted motor 45-60)	64 (97.0)	1 (1.5)	1 (1.5)	0 (0.0)		66 (100.0)
5A43 (weighted motor 19-44)	14 (87.5)	0 (0.0)	2 (12.5)	1 (6.3)		16 (100.0)
5AZ3 (motor 13-18, Age ≥ 79)	0 —	0 —	0 —	0 —		0 —
5AZ4 (motor 13-18, Age ≤ 78)	0 —	0 —	0 —	0 —		0 —
<b>All Replacement AN-SNAP classes</b>	<b>273 (97.5)</b>	<b>3 (1.1)</b>	<b>4 (1.4)</b>	<b>1 (0.4)</b>		<b>280 (100.0)</b>

AN-SNAP class V5	ALL AROC FACILITIES CY25 — N (%)					
	Private residence	Rest Home (NZ only)	Residential Aged Care (AU) / 24hr Nursing Care (NZ)	Other	Missing	All episodes
5A41 (weighted motor 61-91)	19,246 (99.1)	0 (0.0)	42 (0.2)	84 (0.4)	43 (0.2)	19,415 (100.0)
5A42 (weighted motor 45-60)	7,580 (97.2)	0 (0.0)	84 (1.1)	92 (1.2)	40 (0.5)	7,796 (100.0)
5A43 (weighted motor 19-44)	1,196 (87.9)	0 (0.0)	84 (6.2)	43 (3.2)	37 (2.7)	1,360 (100.0)
5AZ3 (motor 13-18, Age ≥ 79)	13 (68.4)	0 (0.0)	(n<5) —	(n<5) —	(n<5) —	19 (100.0)
5AZ4 (motor 13-18, Age ≤ 78)	11 (84.6)	0 (0.0)	(n<5) —	(n<5) —	0 (0.0)	13 (100.0)
<b>All Replacement AN-SNAP classes</b>	<b>28,046 (98.1)</b>	<b>0 (0.0)</b>	<b>214 (0.7)</b>	<b>221 (0.8)</b>	<b>122 (0.4)</b>	<b>28,603 (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

# Final destination post discharge by impairment code

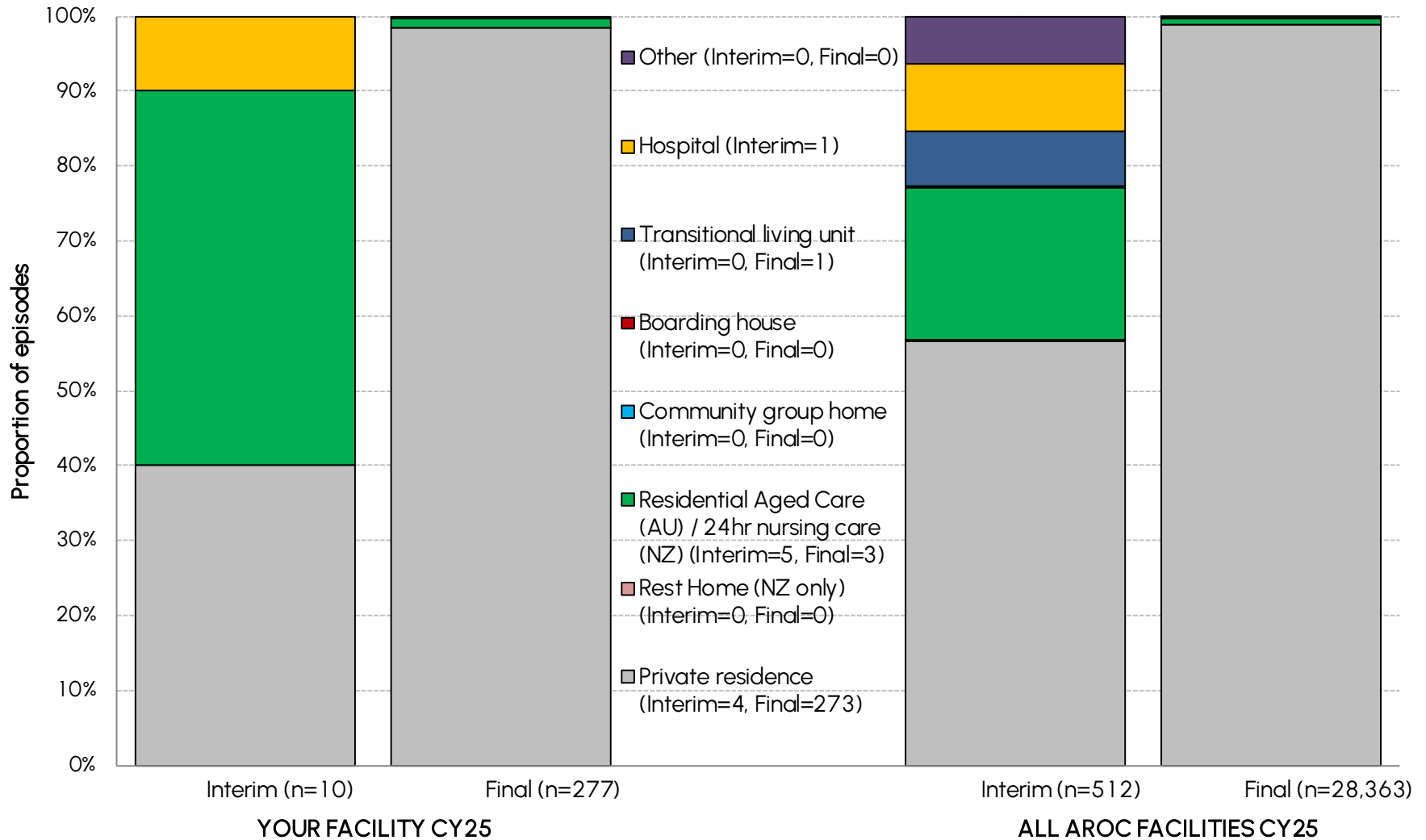
Impairment code	YOUR FACILITY CY25 — N (%)					
	Private residence	Residential Aged		Other	Missing	All episodes
		Care				
8.211 Unilateral hip replacement	86 (95.6)	3 (3.3)	1 (1.1)	1	90 (100.0)	
8.212 Bilateral hip replacement	3 (75.0)	0 (0.0)	1 (25.0)	0	4 (100.0)	
8.221 Unilateral knee replacement	152 (99.3)	0 (0.0)	1 (0.7)	0	153 (100.0)	
8.222 Bilateral knee replacement	22 (100.0)	0 (0.0)	0 (0.0)	0	22 (100.0)	
8.231 Knee and hip replacement, same side	1 (100.0)	0 (0.0)	0 (0.0)	0	1 (100.0)	
8.232 Knee and hip replacement, diff sides	0 —	0 —	0 —	0	0 —	
8.24 Shoulder replacement	9 (90.0)	0 (0.0)	1 (10.0)	0	10 (100.0)	
<b>All Orthopaedic Replacements</b>	<b>273 (97.5)</b>	<b>3 (1.1)</b>	<b>4 (1.4)</b>	<b>1</b>	<b>280 (100.0)</b>	

Impairment code	ALL AROC FACILITIES CY25 — N (%)						
	Private residence	Rest Home (NZ only)	Residential Aged		Other	Missing	All episodes
			Care (AU) / 24hr	Nursing Care (NZ)			
8.211 Unilateral hip replacement	9,332 (97.1)	0 (0.0)	114 (1.2)	92 (1.0)	75 (0.8)	9,613 (100.0)	
8.212 Bilateral hip replacement	282 (97.6)	0 (0.0)	(n<5) —	5 (1.7)	(n<5) —	289 (100.0)	
8.221 Unilateral knee replacement	15,191 (98.6)	0 (0.0)	82 (0.5)	92 (0.6)	43 (0.3)	15,408 (100.0)	
8.222 Bilateral knee replacement	2,187 (99.6)	0 (0.0)	(n<5) —	5 (0.2)	(n<5) —	2,196 (100.0)	
8.231 Knee and hip replacement, same side	32 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	32 (100.0)	
8.232 Knee and hip replacement, diff sides	12 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	12 (100.0)	
8.24 Shoulder replacement	1,019 (96.0)	0 (0.0)	15 (1.4)	27 (2.5)	(n<5) —	1,062 (100.0)	
<b>All Orthopaedic Replacements</b>	<b>28,055 (98.1)</b>	<b>0 (0.0)</b>	<b>214 (0.7)</b>	<b>221 (0.8)</b>	<b>122 (0.4)</b>	<b>28,612 (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

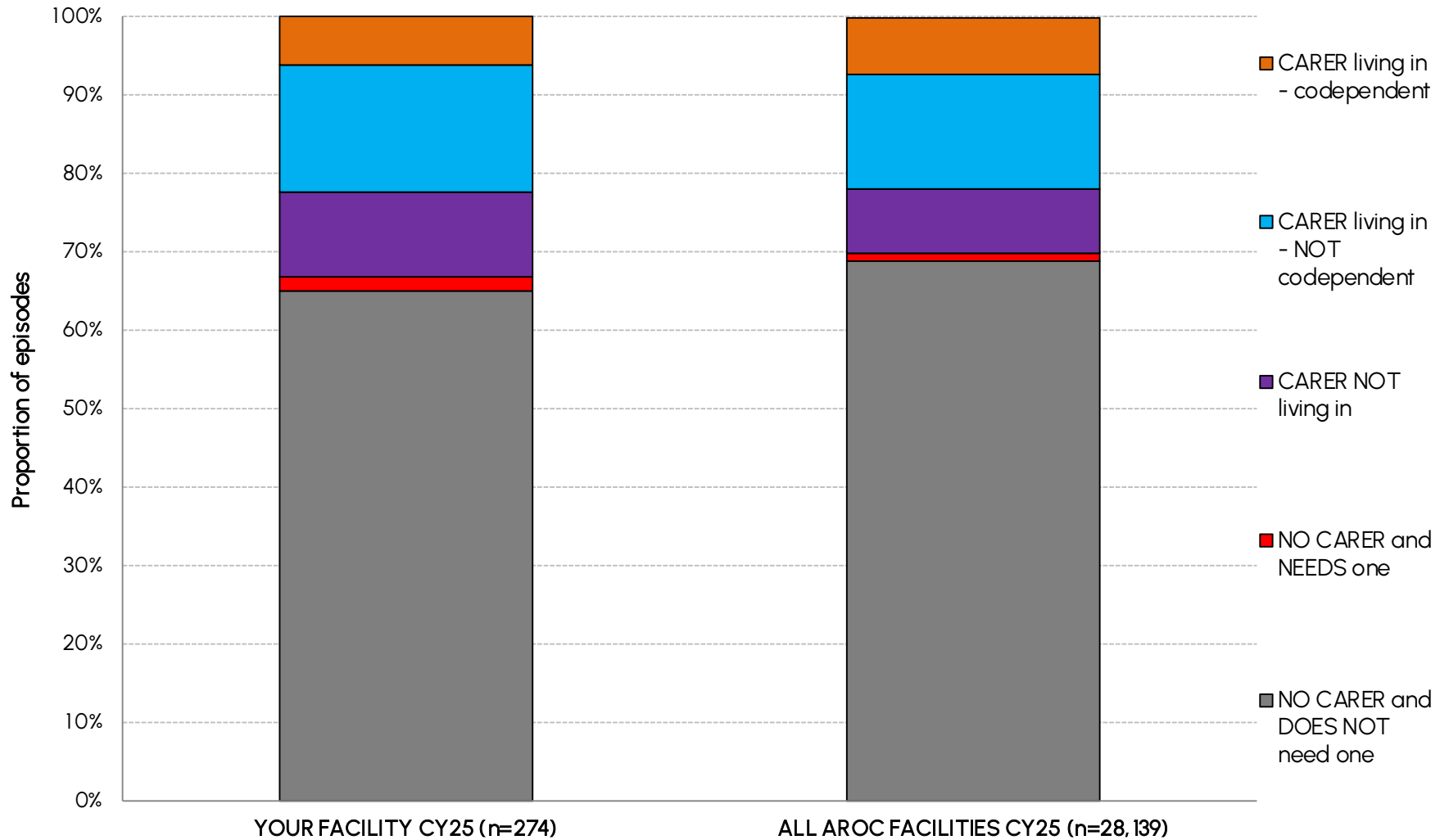
Discharge destination	YOUR FACILITY CY25		ALL AROC FACILITIES CY25	
	Interim (%)	Final (%)	Interim (%)	Final (%)
Private residence	4 (40.0)	273 (98.6)	290 (56.6)	28,046 (98.9)
Rest Home (NZ only)			(n<5) —	0 (0.0)
Resi Aged Care (AU) / 24hr Nursing Care (NZ)	5 (50.0)	3 (1.1)	104 (20.3)	214 (0.8)
Community group home	0 (0.0)	0 (0.0)	0 (0.0)	17 (0.1)
Boarding house	0 (0.0)	0 (0.0)	(n<5) —	(n<5) —
Transitional living unit	0 (0.0)	1 (0.4)	37 (7.2)	31 (0.1)
Hospital	1 (10.0)	n.a.	47 (9.2)	n.a.
Other	0 (0.0)	0 (0.0)	32 (6.3)	51 (0.2)
Missing/Unknown	0	4	8	240
<b>All episodes</b>	<b>10 (100.0)</b>	<b>281 (100.0)</b>	<b>520 (100.0)</b>	<b>28,603 (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.

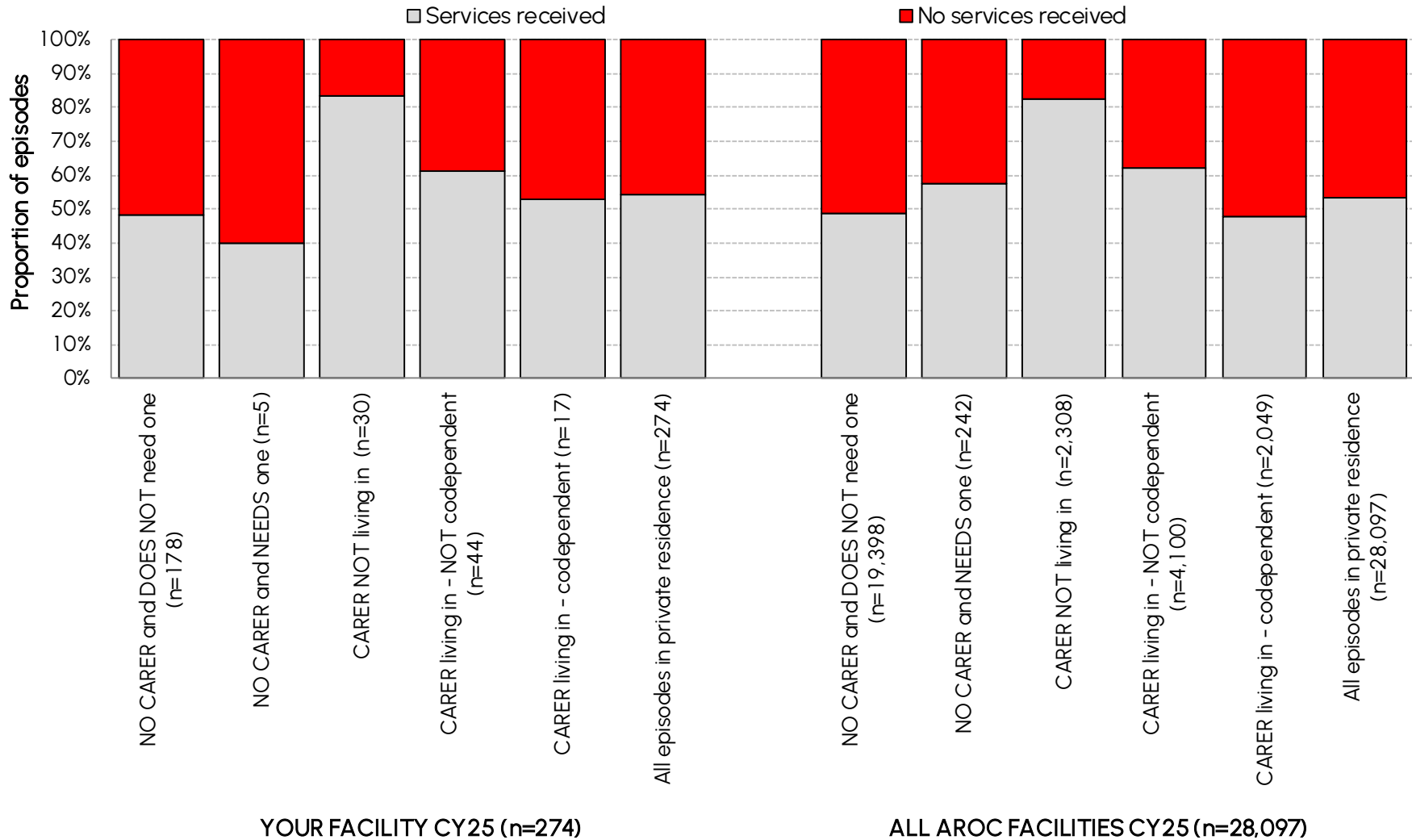
n.a. Not applicable as "Hospital" not part of final destination codeset

# 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

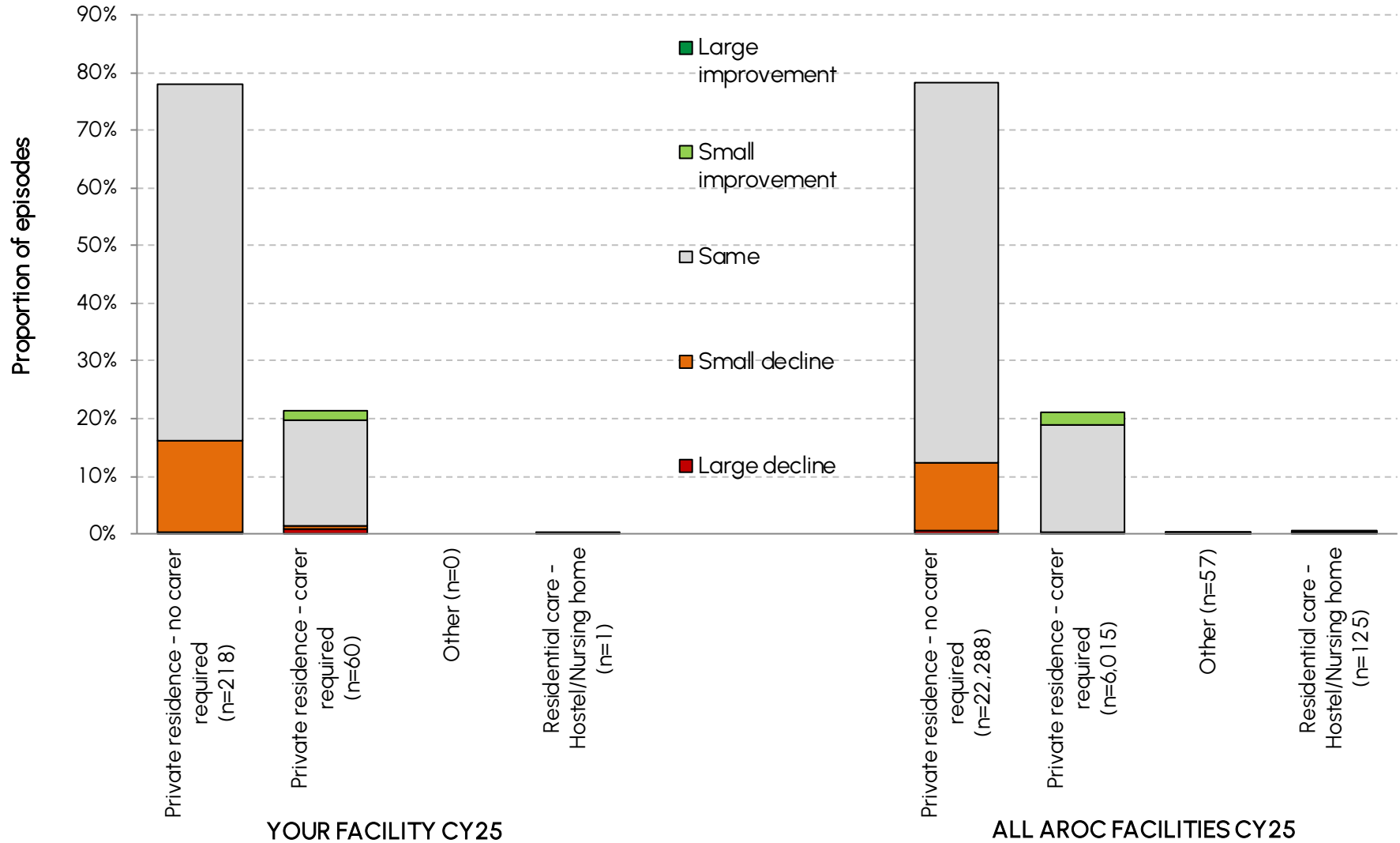
# Carer status and any services received post discharge

Carer status post discharge	YOUR FACILITY CY25		ALL AROC FACILITIES CY25	
	N	%	N	%
NO CARER and DOES NOT need one	178	65.0	19,399	69.0
NO CARER and NEEDS one	5	1.8	243	0.9
CARER NOT living in	30	10.9	2,308	8.2
CARER living in - NOT codependent	44	16.1	4,100	14.6
CARER living in - codependent	17	6.2	2,049	7.3
Missing	0		40	
<b>All episodes in private residence</b>	<b>274</b>	<b>100.0</b>	<b>28,139</b>	<b>100.0</b>

Carer status post discharge	Any services received post discharge?			
	YOUR FACILITY CY25		ALL AROC FACILITIES CY25	
	Yes (%)	No (%)	Yes (%)	No (%)
NO CARER and DOES NOT need one	48.3	51.7	48.8	51.2
NO CARER and NEEDS one	40.0	60.0	57.4	42.6
CARER NOT living in	83.3	16.7	82.7	17.3
CARER living in - NOT codependent	61.4	38.6	62.3	37.7
CARER living in - codependent	52.9	47.1	48.0	52.0
<b>All episodes in private residence</b>	<b>54.4</b>	<b>45.6</b>	<b>53.6</b>	<b>46.4</b>

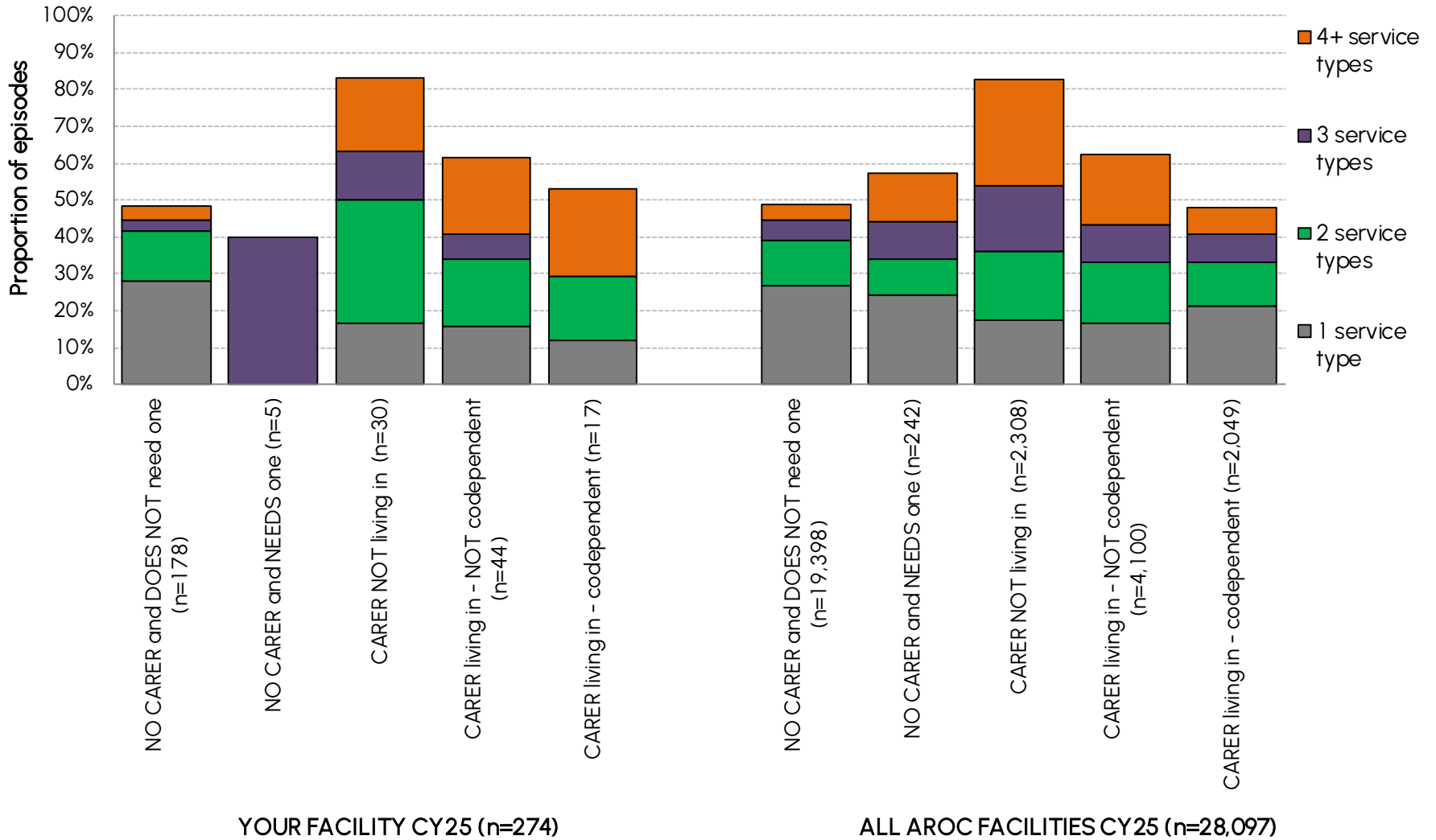
INCLUDES: episodes where final destination is private residence, known carer status and services received provided  
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed

# Change in prior accommodation post discharge



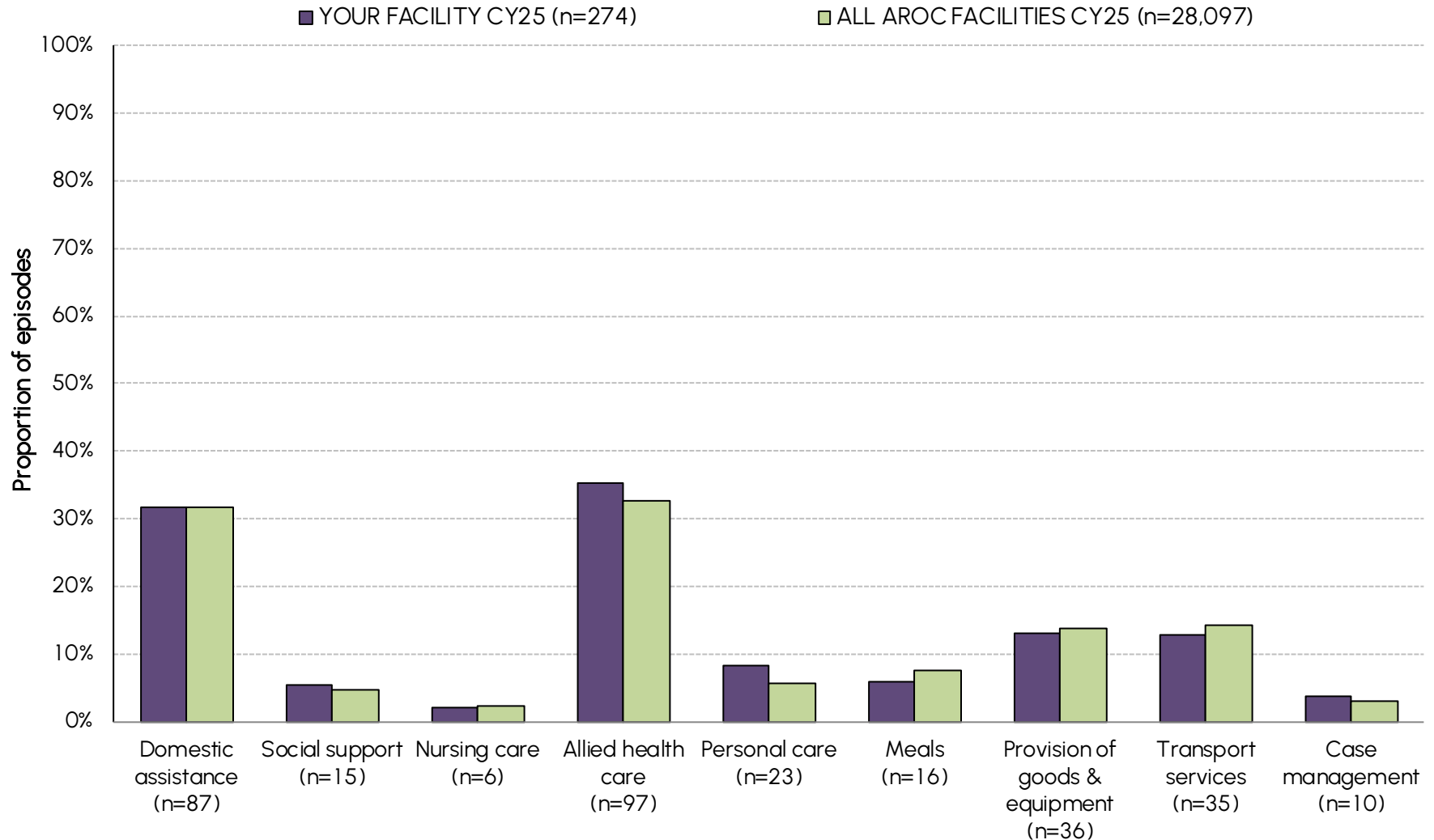
INCLUDES: episodes where accommodation prior and final discharge destination are recorded, and if coming from / going to a private residence, carer status prior and post discharge are also recorded

# Number of services received post discharge by carer status



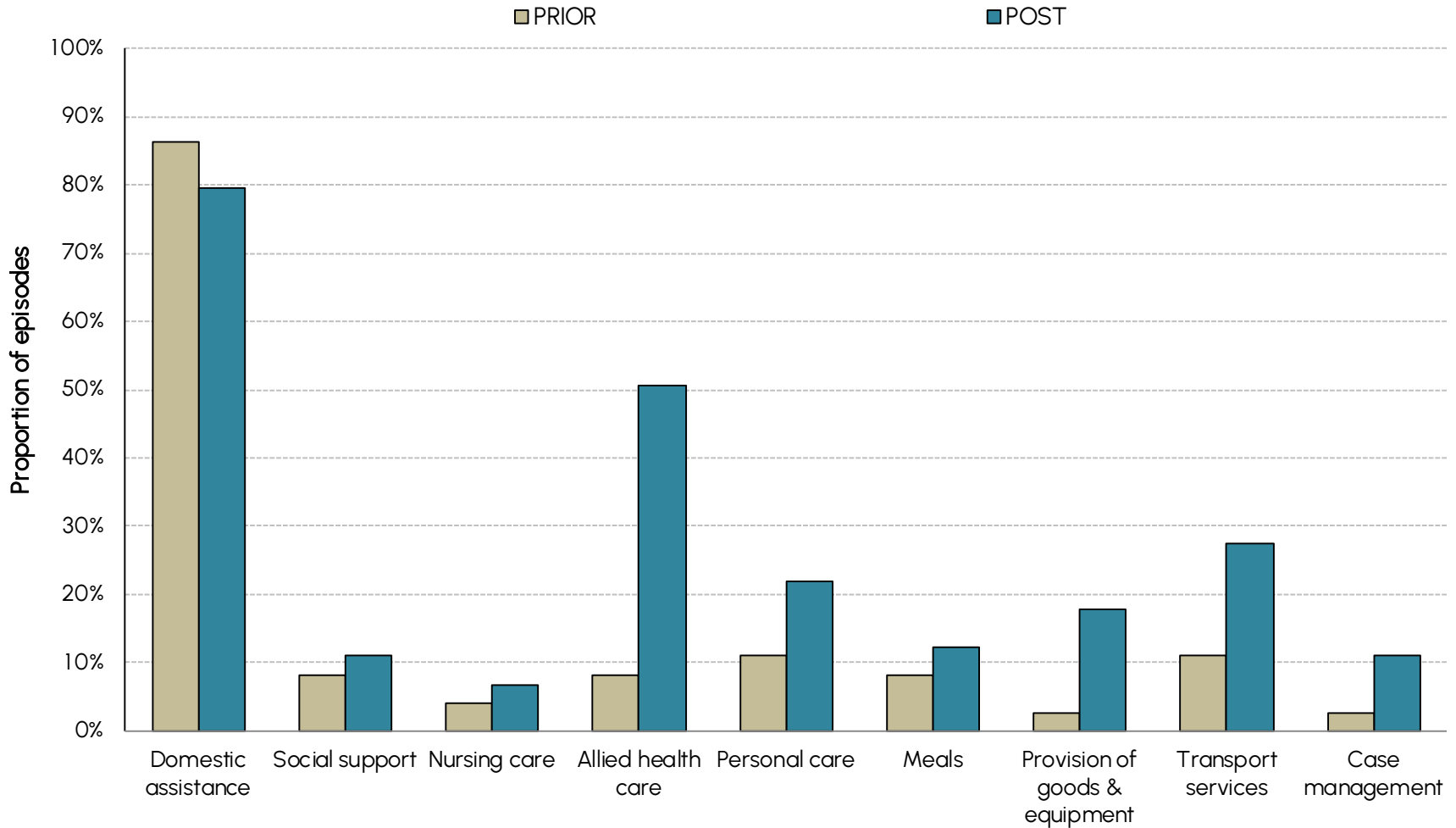
INCLUDES: episodes where final destination is private residence, known carer status and services received provided  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed

# Type of services received post discharge



INCLUDES: episodes where final destination is private residence

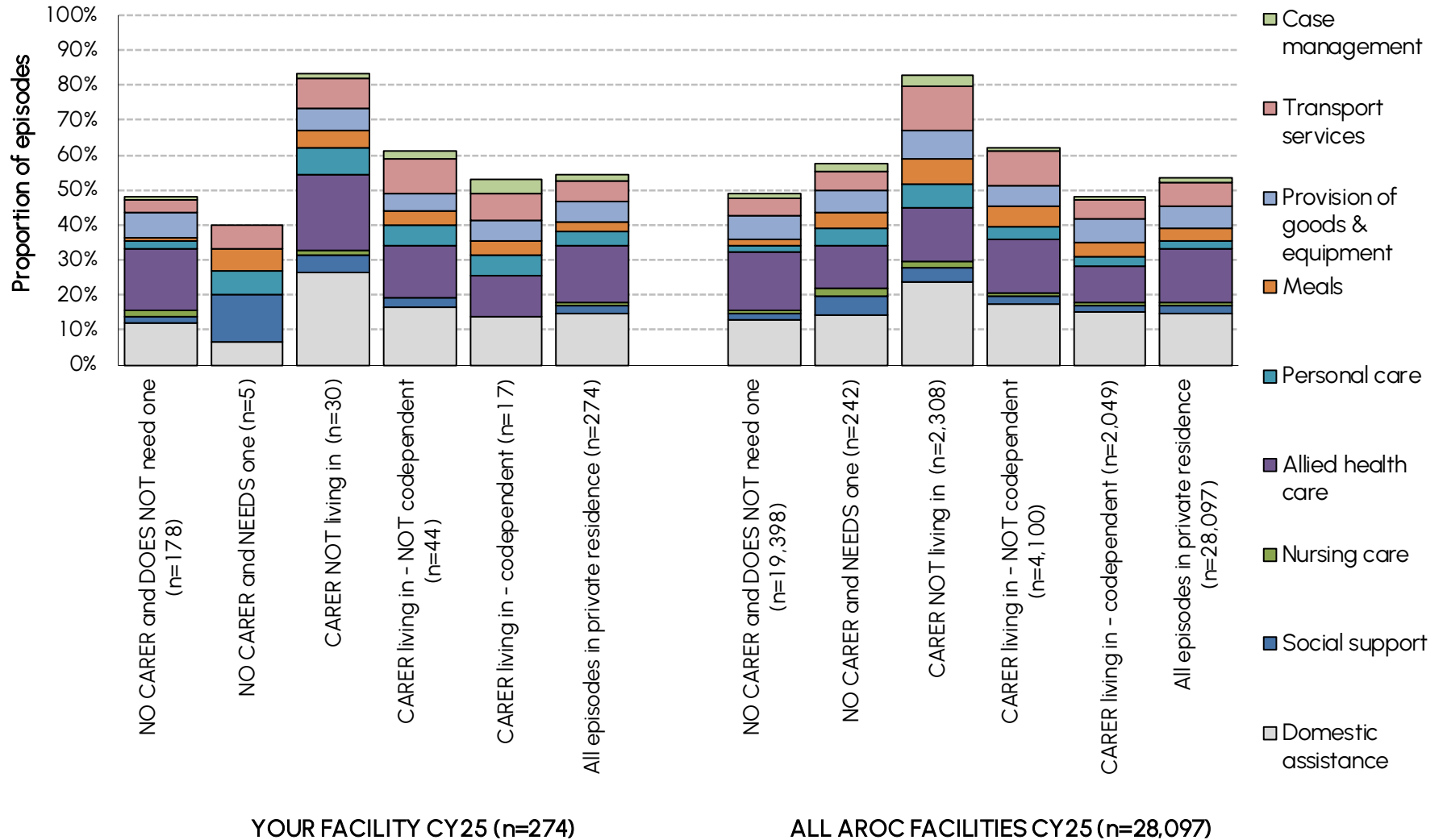
# Type of services received pre and post rehabilitation



YOUR FACILITY CY25 (n=73)

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

# 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

Services received post discharge	Carer status post 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	178	5	30	44	17		<b>274</b>
<b>Percent of episodes receiving:</b>							
No services	51.7	60.0	16.7	38.6	47.1		<b>45.6</b>
1 service type	28.1	0.0	16.7	15.9	11.8		<b>23.4</b>
2 service types	13.5	0.0	33.3	18.2	17.6		<b>16.4</b>
3 service types	2.8	40.0	13.3	6.8	0.0		<b>5.1</b>
4 or more service types	3.9	0.0	20.0	20.5	23.5		<b>9.5</b>
<b>Service Type received</b>							
Domestic assistance	21.3	20.0	70.0	45.5	41.2		<b>31.8</b>
Social support	3.4	40.0	13.3	6.8	0.0		<b>5.5</b>
Nursing care	2.8	0.0	3.3	0.0	0.0		<b>2.2</b>
Allied health care	31.5	0.0	56.7	40.9	35.3		<b>35.4</b>
Personal care	3.4	20.0	20.0	15.9	17.6		<b>8.4</b>
Meals	2.2	20.0	13.3	11.4	11.8		<b>5.8</b>
Provision of goods & equipment	12.4	0.0	16.7	13.6	17.6		<b>13.1</b>
Transport services	6.2	20.0	23.3	27.3	23.5		<b>12.8</b>
Case management	2.2	0.0	3.3	6.8	11.8		<b>3.6</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 – All AROC Facilities

Services received post discharge	Carer status post discharge - ALL AROC FACILITIES 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	19,398	242	2,308	4,100	2,049		<b>28,097</b>
<b>Percent of episodes receiving:</b>							
No services	51.2	42.6	17.3	37.7	52.0		<b>46.4</b>
1 service type	26.8	24.4	17.3	16.6	21.3		<b>24.1</b>
2 service types	12.3	9.5	18.8	16.4	12.0		<b>13.4</b>
3 service types	5.7	10.3	17.7	10.4	7.7		<b>7.5</b>
4 or more service types	4.1	13.2	28.9	18.9	7.0		<b>8.6</b>
<b>Service Type received</b>							
Domestic assistance	23.5	36.0	71.1	47.4	33.0		<b>31.7</b>
Social support	3.6	12.8	11.5	5.7	3.5		<b>4.6</b>
Nursing care	1.8	5.8	5.3	2.2	2.1		<b>2.2</b>
Allied health care	30.1	30.6	47.1	41.6	22.2		<b>32.6</b>
Personal care	2.9	12.0	19.2	9.9	6.3		<b>5.6</b>
Meals	3.8	12.0	22.4	16.2	8.4		<b>7.5</b>
Provision of goods & equipment	12.0	15.3	24.0	16.0	14.2		<b>13.8</b>
Transport services	9.2	13.2	38.0	26.6	11.6		<b>14.3</b>
Case management	2.3	5.8	8.6	3.3	2.1		<b>3.0</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 quality score

The data quality 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.

# Appendix 1 Glossary

## 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.

# Appendix 1 Glossary

## 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]
  - $(\text{Discharge FIM} - \text{Admission FIM}) / (\text{126} - \text{Admission FIM})$ 
    - e.g.  $(90 - 50) / (126 - 50) = 40 / 76 = 52.6\%$
- If actual FIM change < 0 [declined]
  - $(\text{Discharge FIM} - \text{Admission FIM}) / (\text{Admission FIM})$ 
    - 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

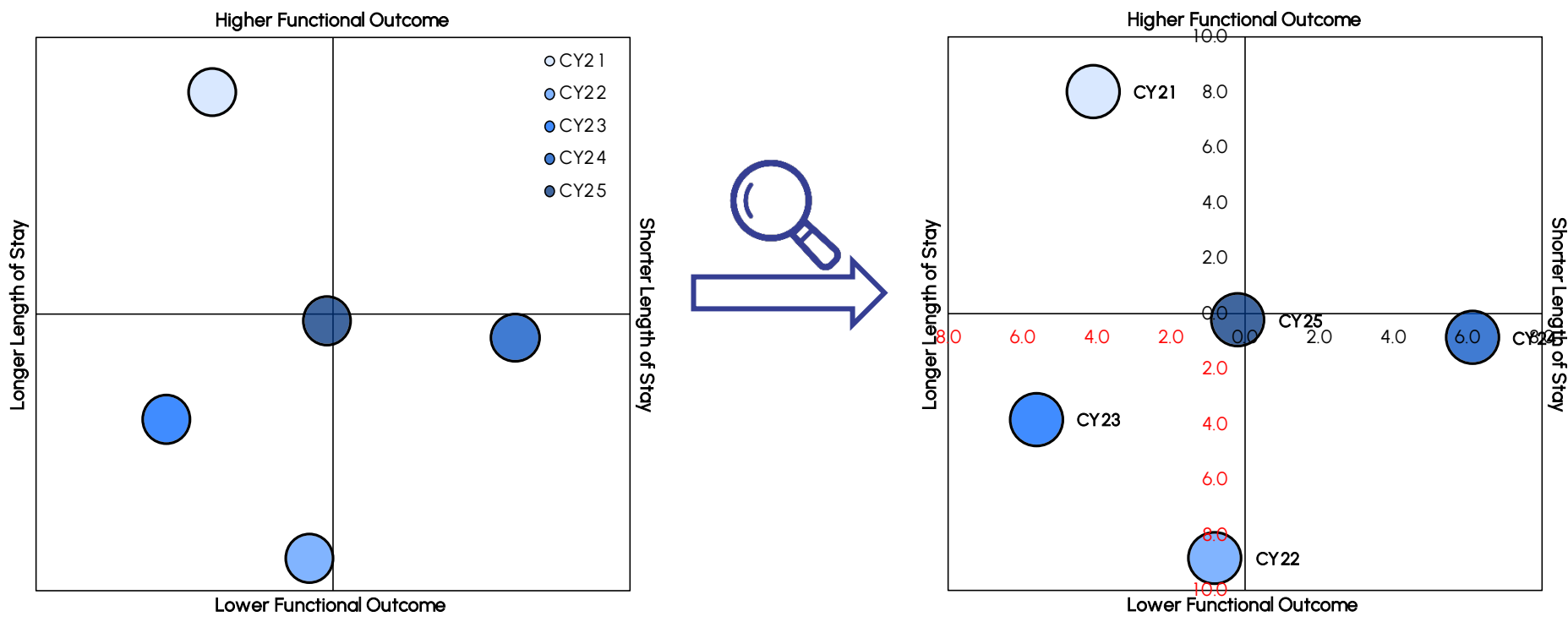
## Class Description of AN-SNAP Class

- 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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**A**ustralasian **R**ehabilitation **O**utcomes **C**entre  
Faculty of Science, Medicine and Health  
Mike Codd Building, Innovation Campus  
University of Wollongong NSW 2522

 aroc@uow.edu.au

 aroc.org.au