

# AROC Impairment Specific Report

## Spinal Cord Injury

### INPATIENT – PATHWAY 3

1 January 2025 – 31 December 2025

Anywhere Hospital



**Australasian  
Faculty of  
Rehabilitation  
Medicine**

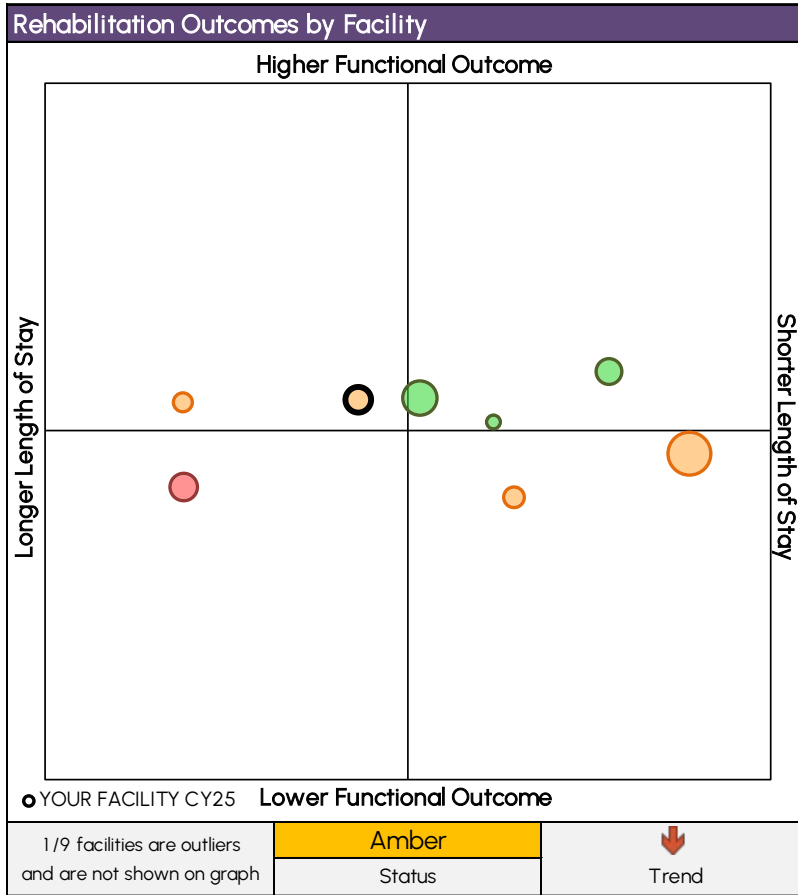


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AUSTRALIA**

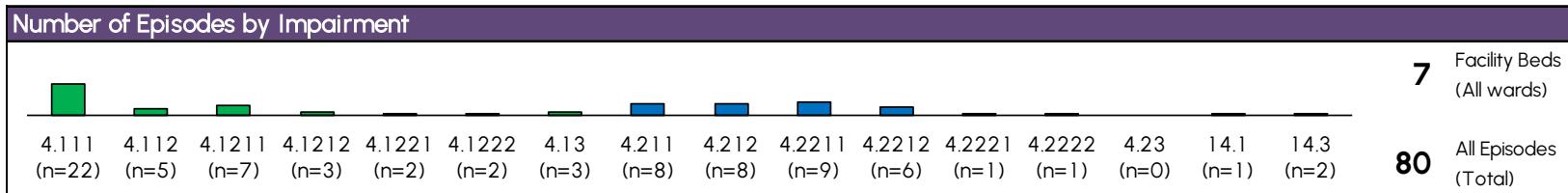
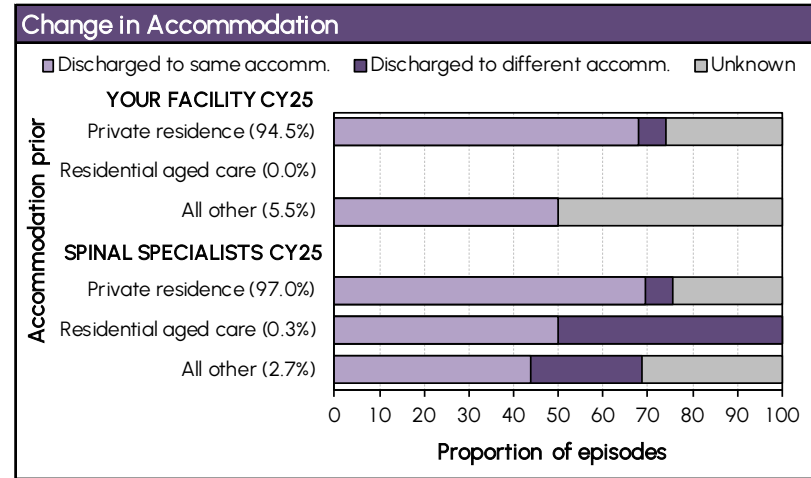
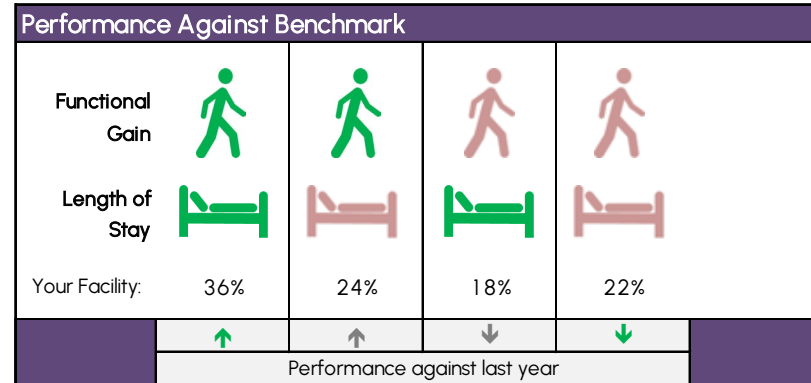
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# Spinal Cord Injury Dashboard



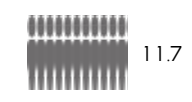
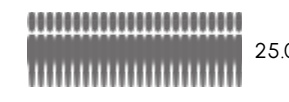
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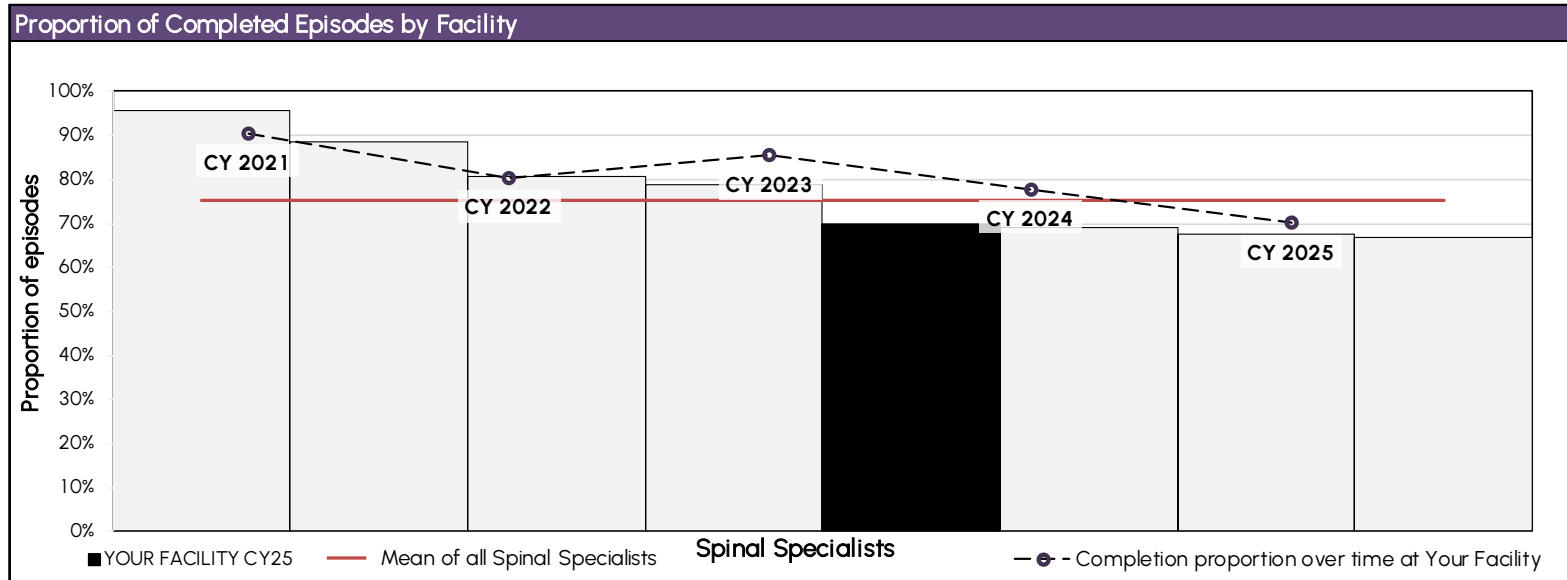
# Spinal Cord Injury Dashboard

Key Indicators*	
YOUR FACILITY CY25	SPINAL SPECIALISTS CY25
Age: 51.6	Age: 53.6
Mortality Rate: 0.0%	Mortality Rate: 1.1%
% with at least one comorbidity: 63%	% with at least one comorbidity: 54%
% with at least one complication: 55%	% with at least one complication: 56%
% episodes with start delays: 32%	% episodes with start delays: 30%
Days between onset and rehab episode: 36.4	Days between onset and rehab episode: 37.2
Days between clinically rehab ready & start date: 3.2	Days between clinically rehab ready & start date: 2.6

\* Mean value provided unless otherwise specified

Facility FIM Training*	
FIM Credentialed Staff per 100 Episodes	FIM Credentialed Facility Trainers
 <p>11.7</p> <p>YOUR FACILITY CY25</p>	<p><b>3</b></p> <p>Your Facility</p>
 <p>25.0</p> <p>SPINAL SPECIALISTS CY25 (Mean)</p>	<p><b>2</b></p> <p>AROC Suggested Minimum</p>

\* This includes all impairments from all wards



# Data used in this report

- Spinal cord injury episodes discharged during the reporting period (1 January 2025 – 31 December 2025) and time series data covering five years.
- Benchmark group is first direct care episodes at SPECIALIST spinal cord Injury units in Australia and New Zealand.
- Casemix analysis uses version 5 AN-SNAP classes (Appendix 3). This has been calculated separately for traumatic and non-traumatic episodes since FY2017.
- Data is summarised for your facility, all SPECIALIST and all NON-SPECIALIST services. Where data is provided by specialist facility your facility code is ANYWHERE.
- Unit of counting is by concatenated episode, not by patient. Refer to Appendix 1 for more details about the process of data concatenation.
- 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 footnote.
- Where the number of episodes is provided on a figure axis, these refer to the number of episodes from your facility for that category.

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.

# Spinal Cord Injury impairment codes

Spinal Cord Injury episodes were identified as those with the following AROC impairment codes:

## **Traumatic (TSCI)**

- 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
- 14.1 – Major Multiple Trauma, Brain + Spinal Cord Injury
- 14.3 – Major Multiple Trauma, Spinal Cord Injury + multi fracture/amputation

## **Non-traumatic (NTSCI)**

- 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

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

# Spinal Cord Injury AN-SNAP classes

Levels of functioning for Spinal Cord Injury are categorised by the following version 5 AN-SNAP classes:

- 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
- 5AP1 – Major Multiple Trauma, weighted FIM motor 51-91
- 5AP2 – Major Multiple Trauma, weighted FIM motor 19-50
- 5AZ1 – Spine, Major Multiple Trauma, Weighted FIM motor score 13-18, Age  $\geq 59$
- 5AZ2 – Spine, Major Multiple Trauma, Weighted FIM motor score 13-18, Age  $\leq 58$

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

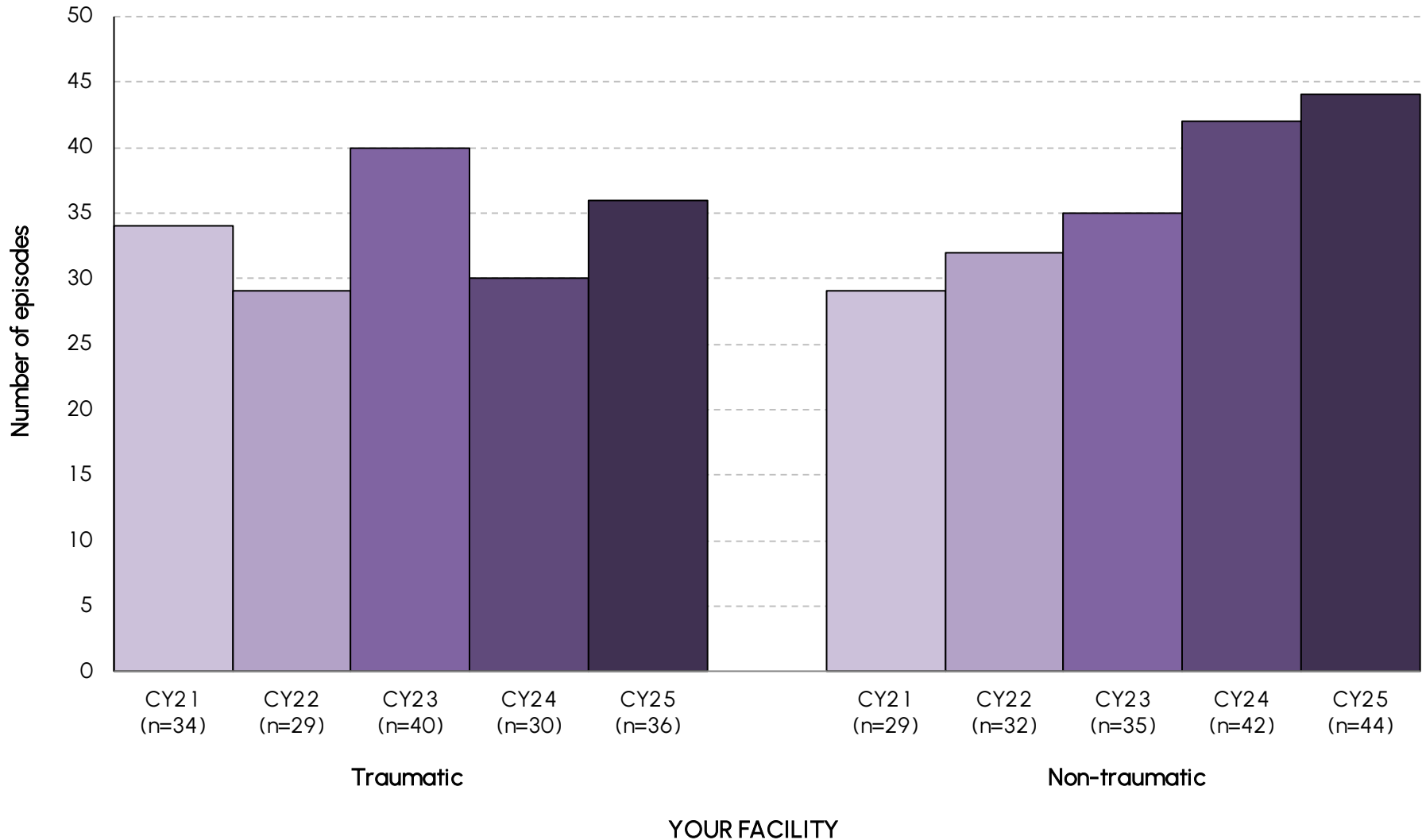


# The BIG picture

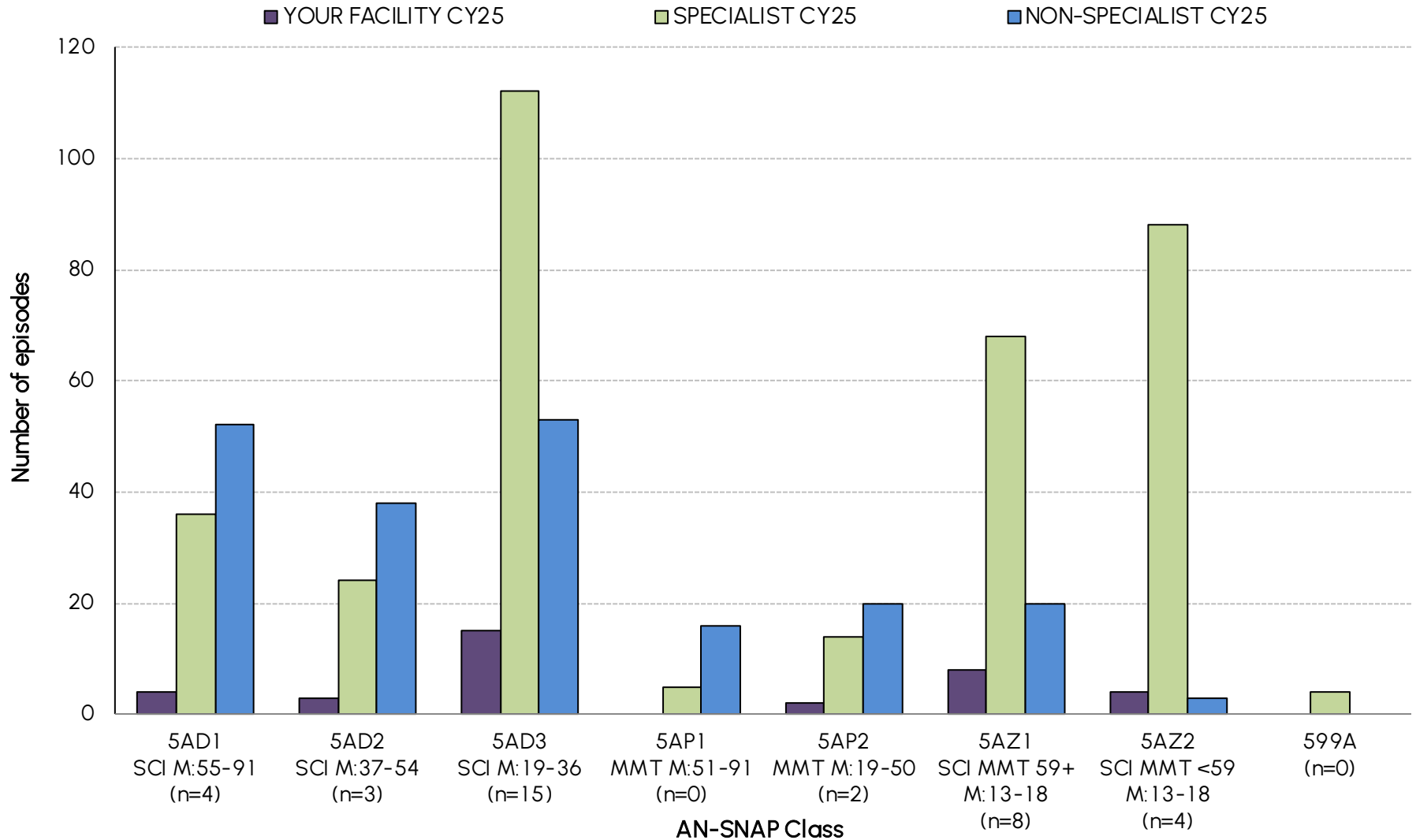




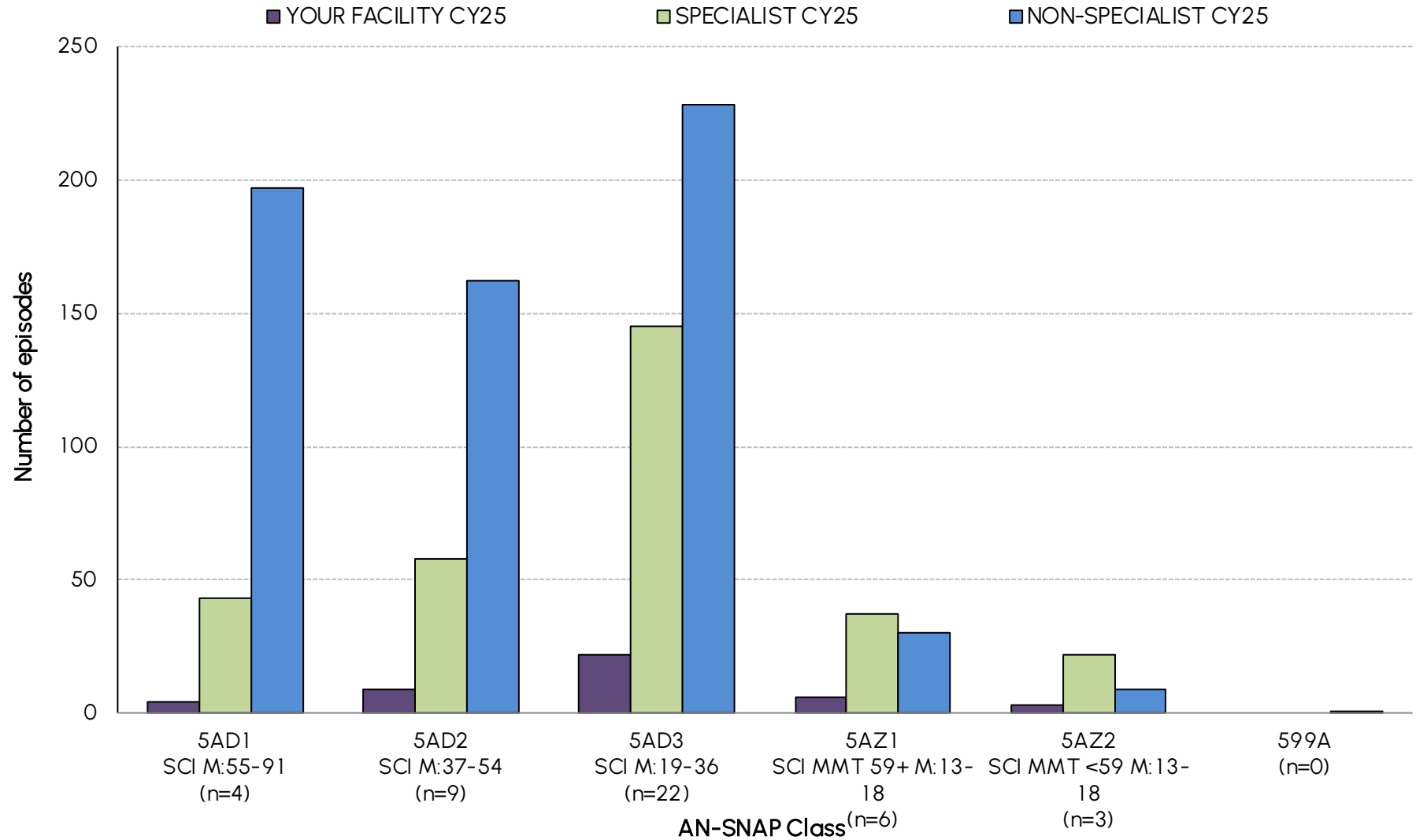
# Number of TSCI and NTSCI episodes over time at your facility



# Number of TSCI episodes by AN-SNAP class



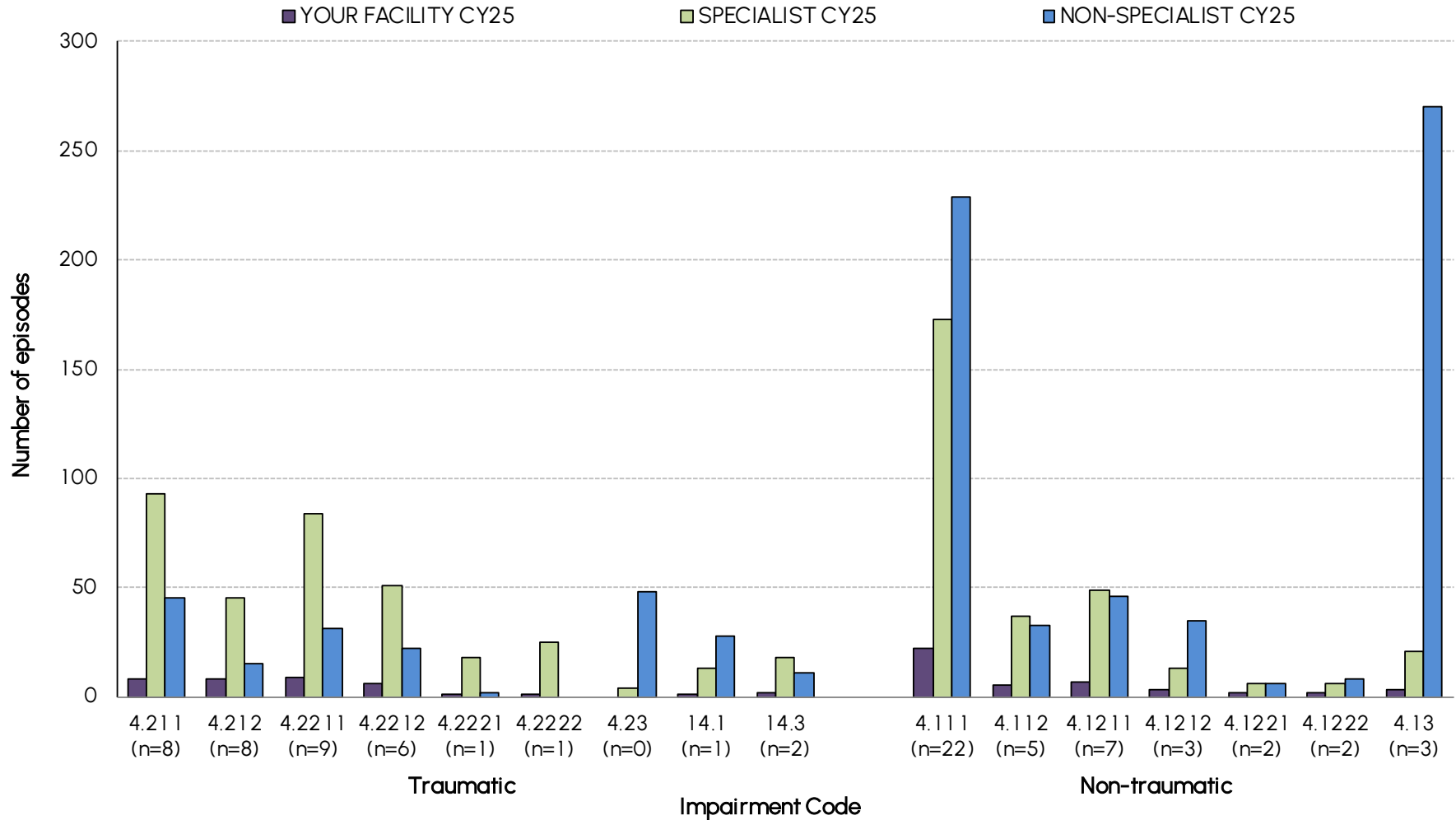
# Number of NTSCI episodes by AN-SNAP class



# Number of TSCI and NTSCI episodes by AN-SNAP class

AN-SNAP class	YOUR FACILITY CY25		SPECIALIST CY25		NON-SPECIALIST CY25	
	N	%	N	%	N	%
<b><u>Traumatic episodes</u></b>						
5AD1 (SCI, Weighted FIM Motor 55 - 91)	4	11.1	36	10.3	52	25.7
5AD2 (SCI, Weighted FIM Motor 37 - 54)	3	8.3	24	6.8	38	18.8
5AD3 (SCI, Weighted FIM Motor 19 - 36)	15	41.7	112	31.9	53	26.2
5AP1 (MMT, Weighted FIM Motor 51 - 91)	0	0.0	5	1.4	16	7.9
5AP2 (MMT, Weighted FIM Motor 19 - 50)	2	5.6	14	4.0	20	9.9
5AZ1 (SCI or MMT, age ≥ 59, weighted FIM motor 13-18)	8	22.2	68	19.4	20	9.9
5AZ2 (SCI or MMT, age ≤ 58, weighted FIM motor 13-18)	4	11.1	88	25.1	3	1.5
599A (Ungroupable)	0	0.0	4	1.1	0	0.0
<b>All Traumatic Spinal AN-SNAP classes</b>	<b>36</b>	<b>100.0</b>	<b>351</b>	<b>100.0</b>	<b>202</b>	<b>100.0</b>
<b><u>Non - traumatic episodes</u></b>						
5AD1 (SCI, Weighted FIM Motor 55 - 91)	4	9.1	43	14.1	197	31.4
5AD2 (SCI, Weighted FIM Motor 37 - 54)	9	20.5	58	19.0	162	25.8
5AD3 (SCI, Weighted FIM Motor 19 - 36)	22	50.0	145	47.5	228	36.4
5AZ1 (SCI or MMT, age ≥ 59, weighted FIM motor 13-18)	6	13.6	37	12.1	30	4.8
5AZ2 (SCI or MMT, age ≤ 58, weighted FIM motor 13-18)	3	6.8	22	7.2	9	1.4
599A (Ungroupable)	0	0.0	0	0.0	1	0.2
<b>All Non-traumatic Spinal AN-SNAP classes</b>	<b>44</b>	<b>100.0</b>	<b>305</b>	<b>100.0</b>	<b>627</b>	<b>100.0</b>

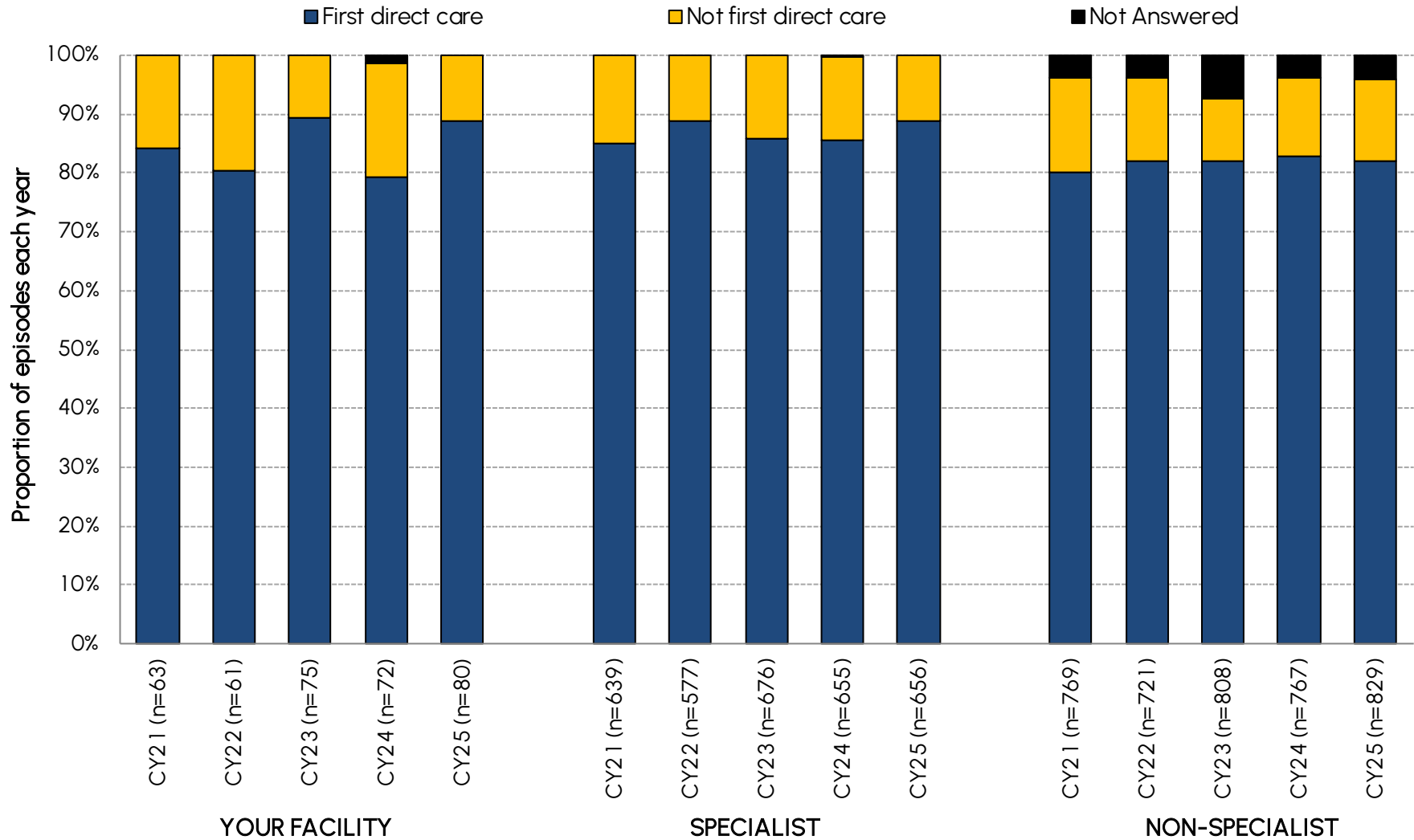
# Number of TSCI and NTSCI episodes by impairment code



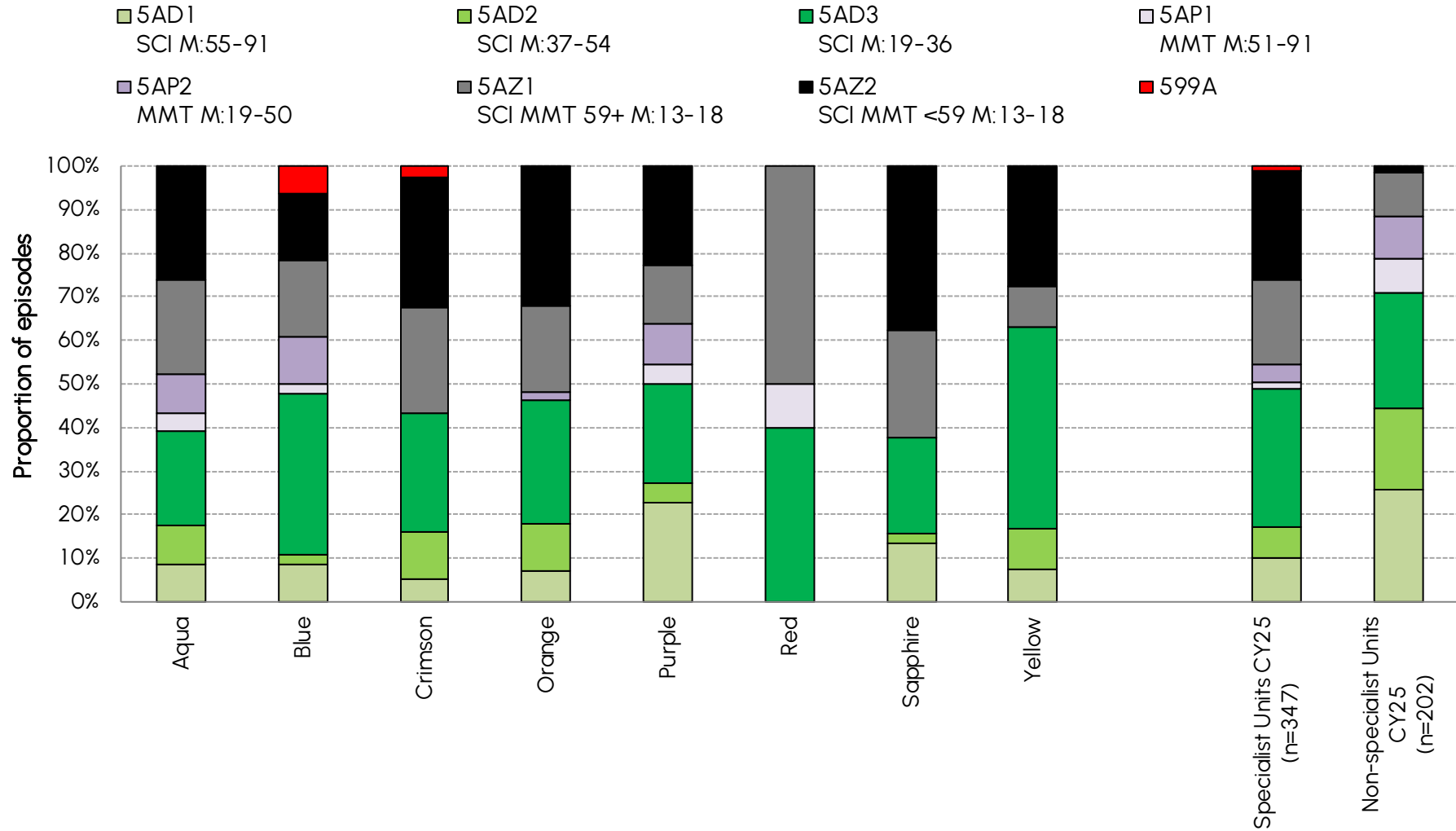
# Number of TSCI and NTSCI episodes by impairment code

Impairment	YOUR FACILITY		SPECIALIST		NON-SPECIALIST	
	N	%	N	%	N	%
<b><u>Traumatic impairments</u></b>						
4.211 Para-Inc	8	22.2	93	26.5	45	22.3
4.212 Para-Comp	8	22.2	45	12.8	15	7.4
4.2211 Quad-Inc C1-4	9	25.0	84	23.9	31	15.3
4.2212 Quad-Inc C5-8	6	16.7	51	14.5	22	10.9
4.2221 Quad-Comp C1-4	1	2.8	18	5.1	2	1.0
4.2222 Quad-Comp C5-8	1	2.8	25	7.1	0	0.0
4.23 Other TSCI	0	0.0	4	1.1	48	23.8
14.1 MMT: brain+spine	1	2.8	13	3.7	28	13.9
14.3 MMT: spine+other	2	5.6	18	5.1	11	5.4
<b>All TSCI</b>	<b>36</b>	<b>100.0</b>	<b>351</b>	<b>100.0</b>	<b>202</b>	<b>100.0</b>
<b><u>Non-traumatic impairments</u></b>						
4.111 Para-Inc	22	50.0	173	56.7	229	36.5
4.112 Para-Comp	5	11.4	37	12.1	33	5.3
4.1211 Quad-Inc C1-4	7	15.9	49	16.1	46	7.3
4.1212 Quad-Inc C5-8	3	6.8	13	4.3	35	5.6
4.1221 Quad-Comp C1-4	2	4.5	6	2.0	6	1.0
4.1222 Quad-Comp C5-8	2	4.5	6	2.0	8	1.3
4.13 Other NTSCI	3	6.8	21	6.9	270	43.1
<b>All NTSCI</b>	<b>44</b>	<b>100.0</b>	<b>305</b>	<b>100.0</b>	<b>627</b>	<b>100.0</b>
<b>ALL SCI</b>	<b>80</b>		<b>656</b>		<b>829</b>	

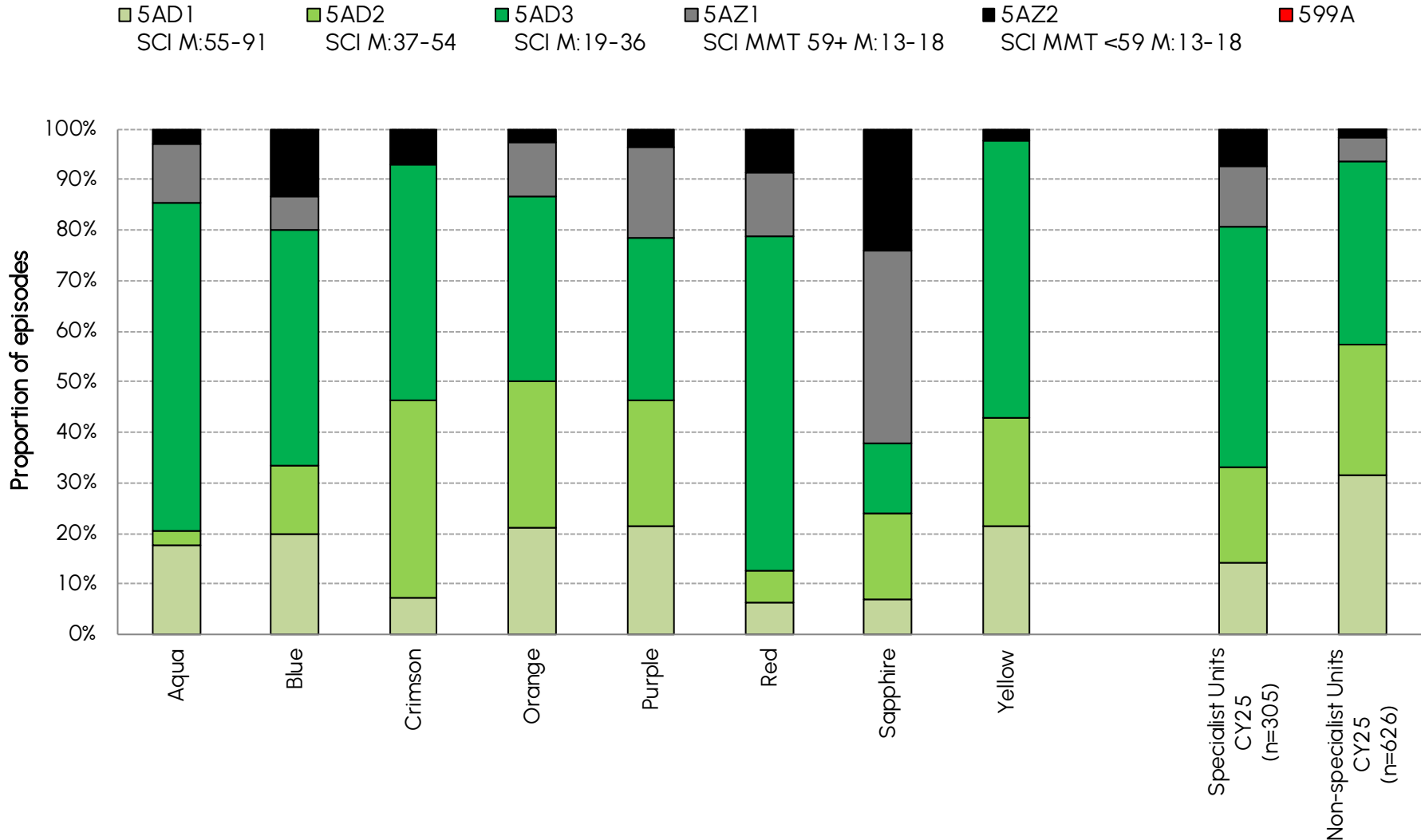
# Proportion of first direct care episodes over time



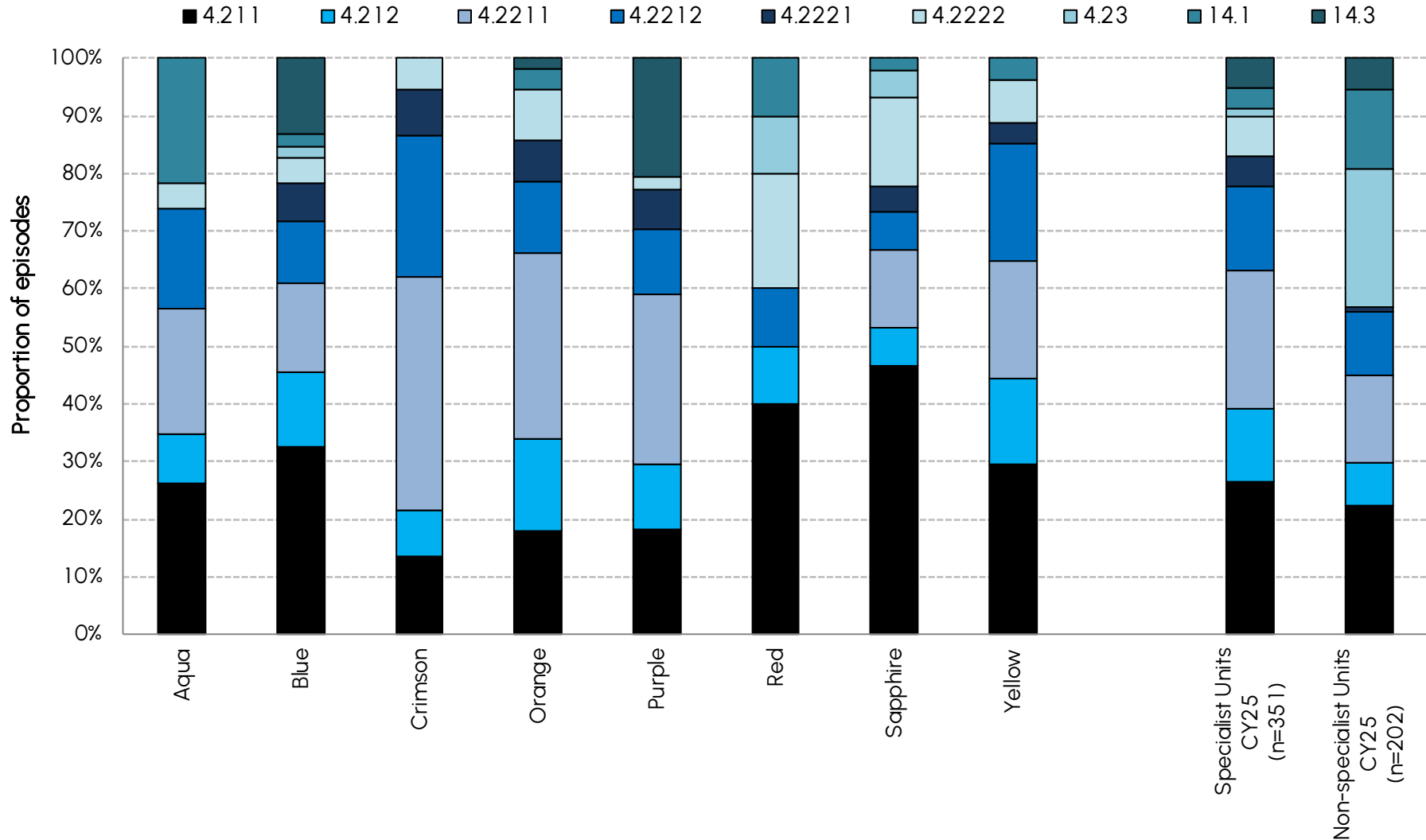
# Proportion of TSCI episodes by AN-SNAP class and specialist facility



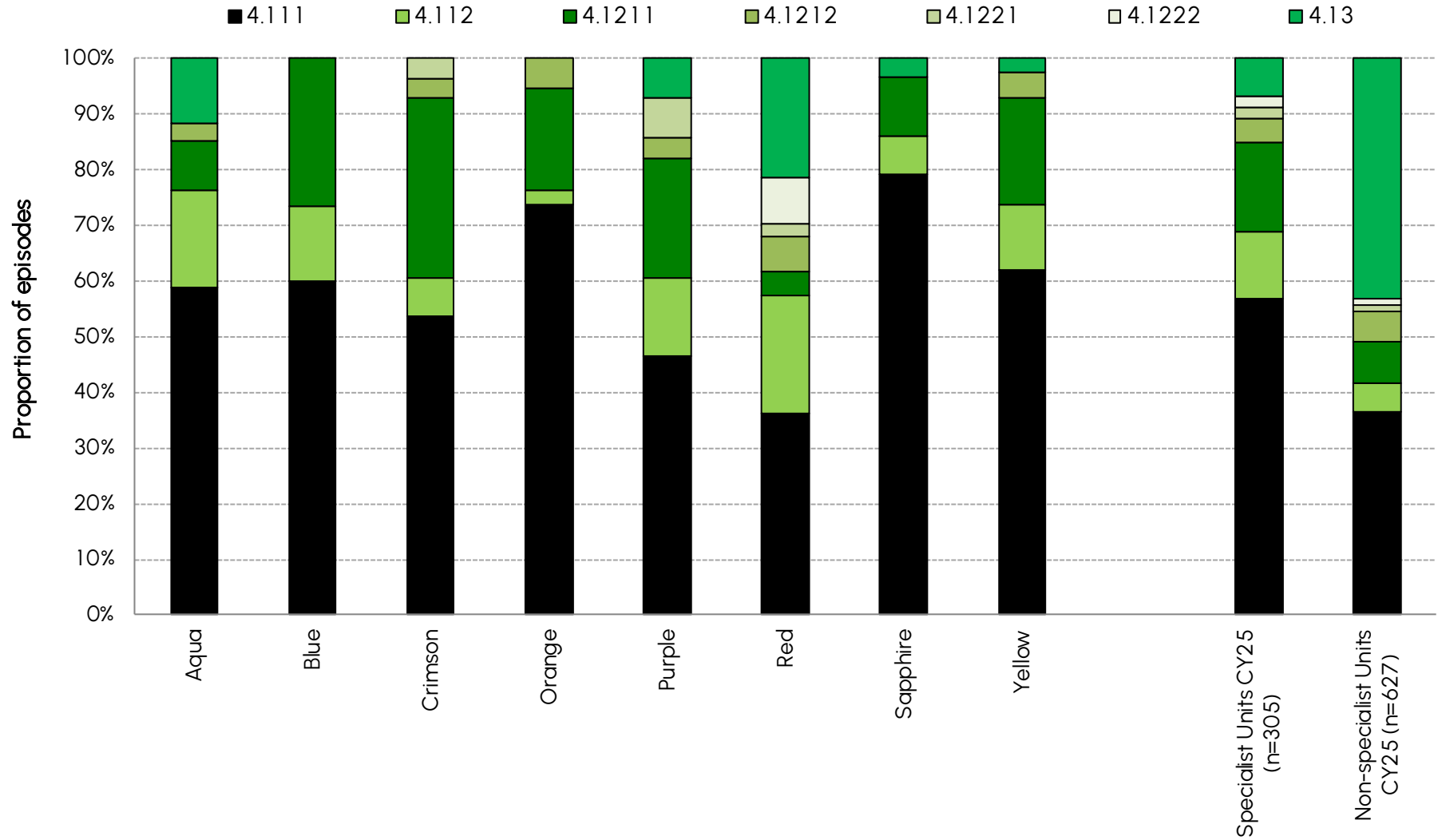
# Proportion of NTSCI episodes by AN-SNAP class and specialist facility



# Proportion of TSCI episodes by impairment code and specialist facility



# Proportion of NTSCI episodes by impairment code and specialist facility

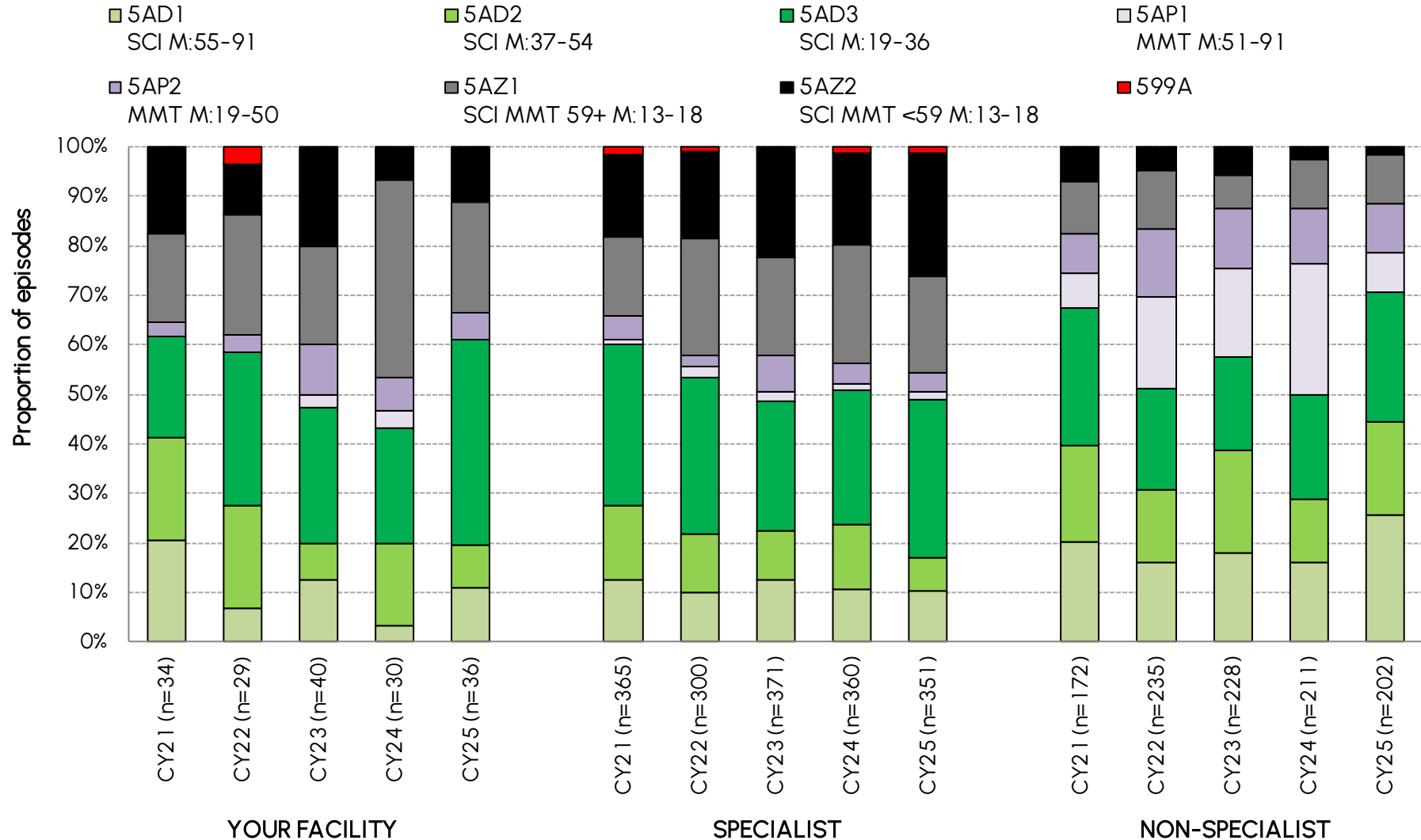


# Number of TSCI and NTSCI episodes by impairment code and AN-SNAP class

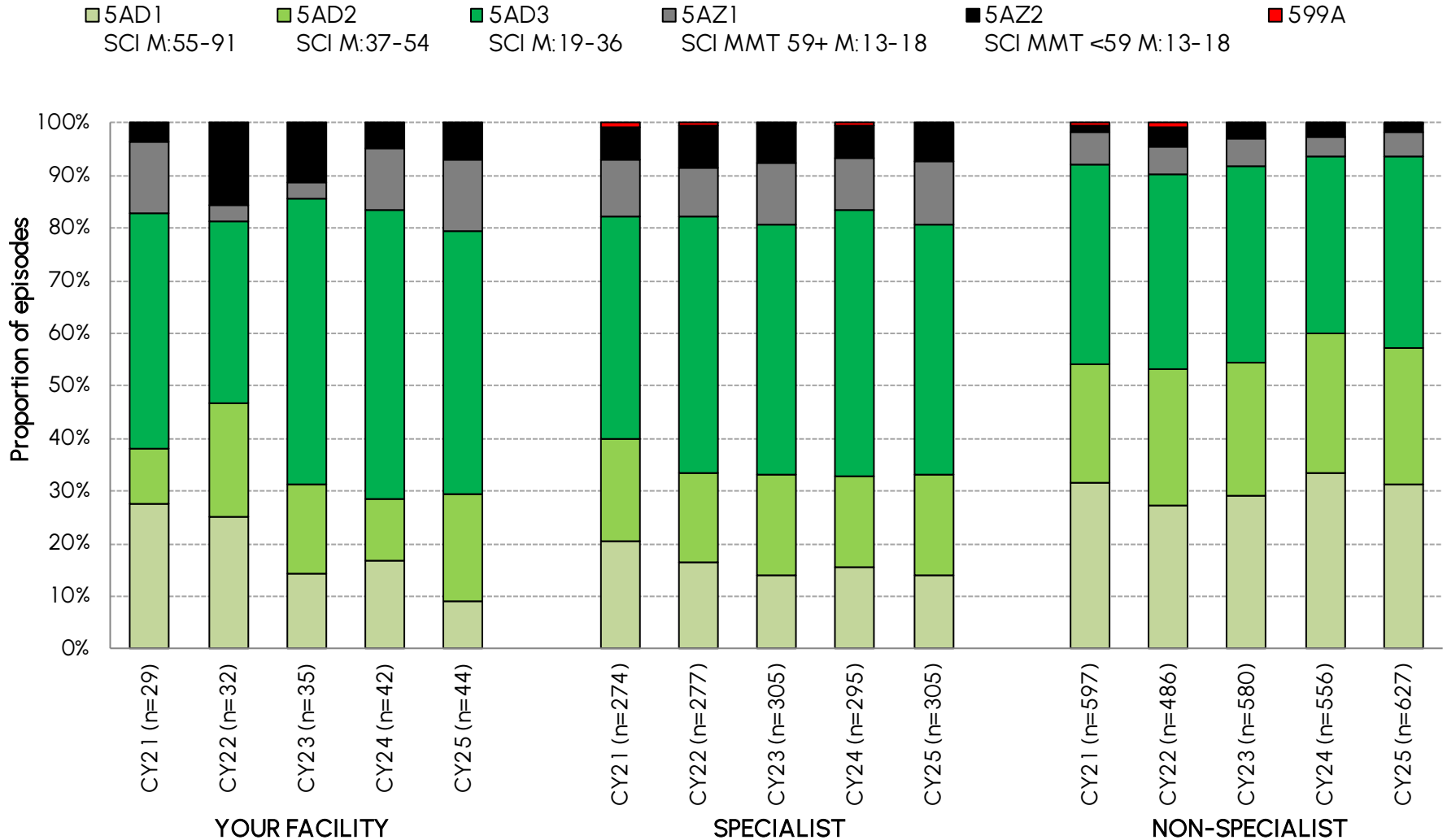
Traumatic Impairment	YOUR FACILITY								All TSCI classes	SPECIALIST CY25	NON-SPECIALIST CY25
	5AD1	5AD2	5AD3	5AP1	5AP2	5AZ1	5AZ2	599A			
4.211 Para-Inc	2	1	3	0	0	2	0	0	8	93	45
4.212 Para-Comp	0	1	7	0	0	0	0	0	8	45	15
4.2211 Quad-Inc C1-4	1	1	2	0	0	4	1	0	9	84	31
4.2212 Quad-Inc C5-8	1	0	2	0	0	2	1	0	6	51	22
4.2221 Quad-Comp C1-4	0	0	0	0	0	0	1	0	1	18	2
4.2222 Quad-Comp C5-8	0	0	1	0	0	0	0	0	1	25	0
4.23 Other TSCI	0	0	0	0	0	0	0	0	0	4	48
14.1 MMT: brain+spine	0	0	0	0	0	0	1	0	1	13	28
14.3 MMT: spine+other	0	0	0	0	2	0	0	0	2	18	11
<b>All TSCI impairment codes</b>	<b>4</b>	<b>3</b>	<b>15</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>4</b>	<b>0</b>	<b>36</b>	<b>351</b>	<b>202</b>
<b>SPECIALIST</b>	<b>36</b>	<b>24</b>	<b>112</b>	<b>5</b>	<b>14</b>	<b>68</b>	<b>88</b>	<b>4</b>	<b>351</b>		
<b>NON-SPECIALIST</b>	<b>52</b>	<b>38</b>	<b>53</b>	<b>16</b>	<b>20</b>	<b>20</b>	<b>3</b>	<b>0</b>	<b>202</b>		

Non-traumatic Impairment	YOUR FACILITY						All NTSCI classes	SPECIALIST CY25	NON-SPECIALIST CY25
	5AD1	5AD2	5AD3	5AZ1	5AZ2	599A			
4.111 Para-Inc	2	7	12	1	0	0	22	173	229
4.112 Para-Comp	0	1	3	0	1	0	5	37	33
4.1211 Quad-Inc C1-4	1	0	3	3	0	0	7	49	46
4.1212 Quad-Inc C5-8	1	0	1	1	0	0	3	13	35
4.1221 Quad-Comp C1-4	0	0	0	0	2	0	2	6	6
4.1222 Quad-Comp C5-8	0	1	0	1	0	0	2	6	8
4.13 Other NTSCI	0	0	3	0	0	0	3	21	270
<b>All NTSCI impairment codes</b>	<b>4</b>	<b>9</b>	<b>22</b>	<b>6</b>	<b>3</b>	<b>0</b>	<b>44</b>	<b>305</b>	<b>627</b>
<b>SPECIALIST</b>	<b>43</b>	<b>58</b>	<b>145</b>	<b>37</b>	<b>22</b>	<b>0</b>	<b>305</b>		
<b>NON-SPECIALIST</b>	<b>197</b>	<b>162</b>	<b>228</b>	<b>30</b>	<b>9</b>	<b>1</b>	<b>627</b>		

# Proportion of TSCI episodes by AN-SNAP class over time



# Proportion of NTSCI episodes by AN-SNAP class over time

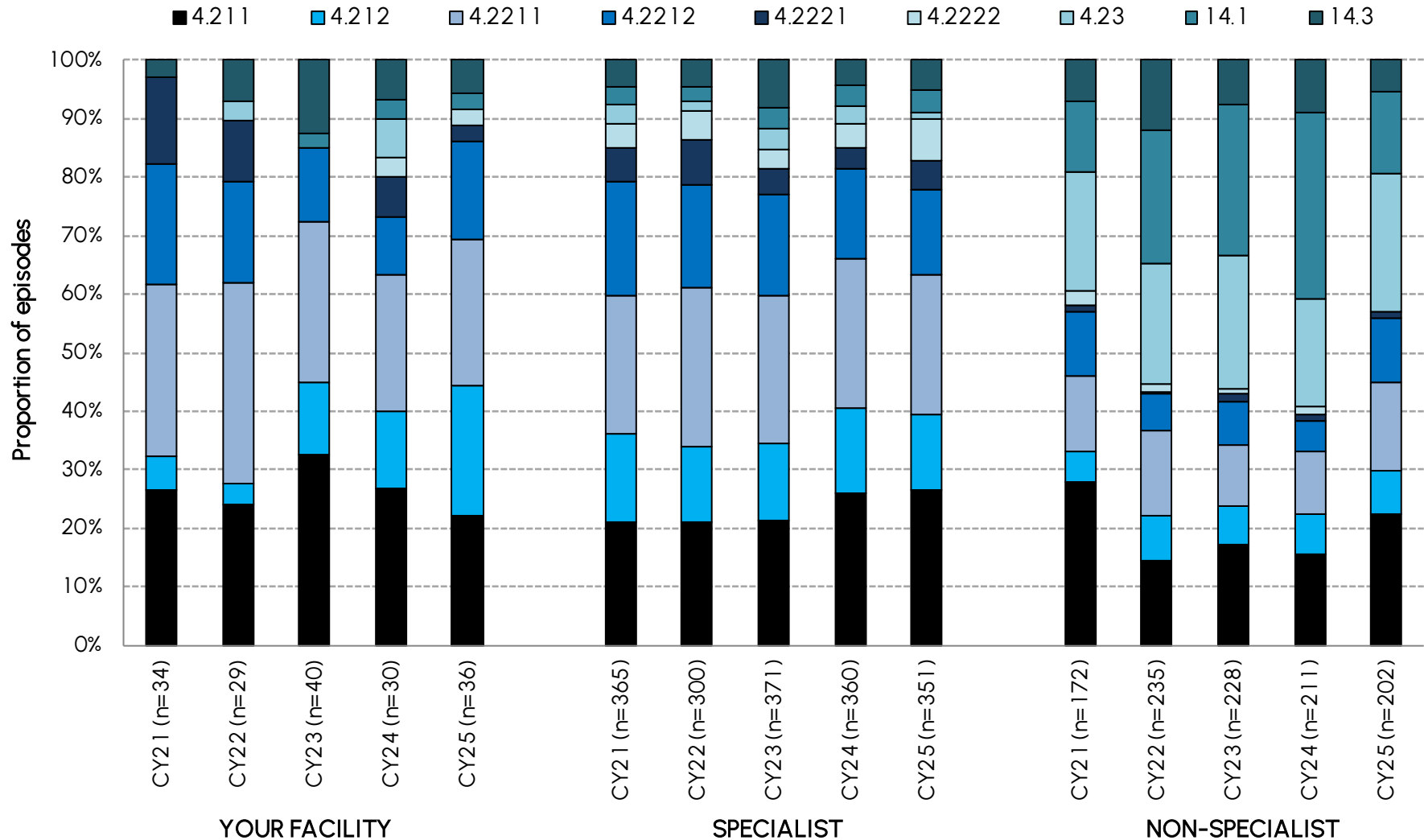


# Number of TSCI and NTSCI episodes by AN-SNAP class over time

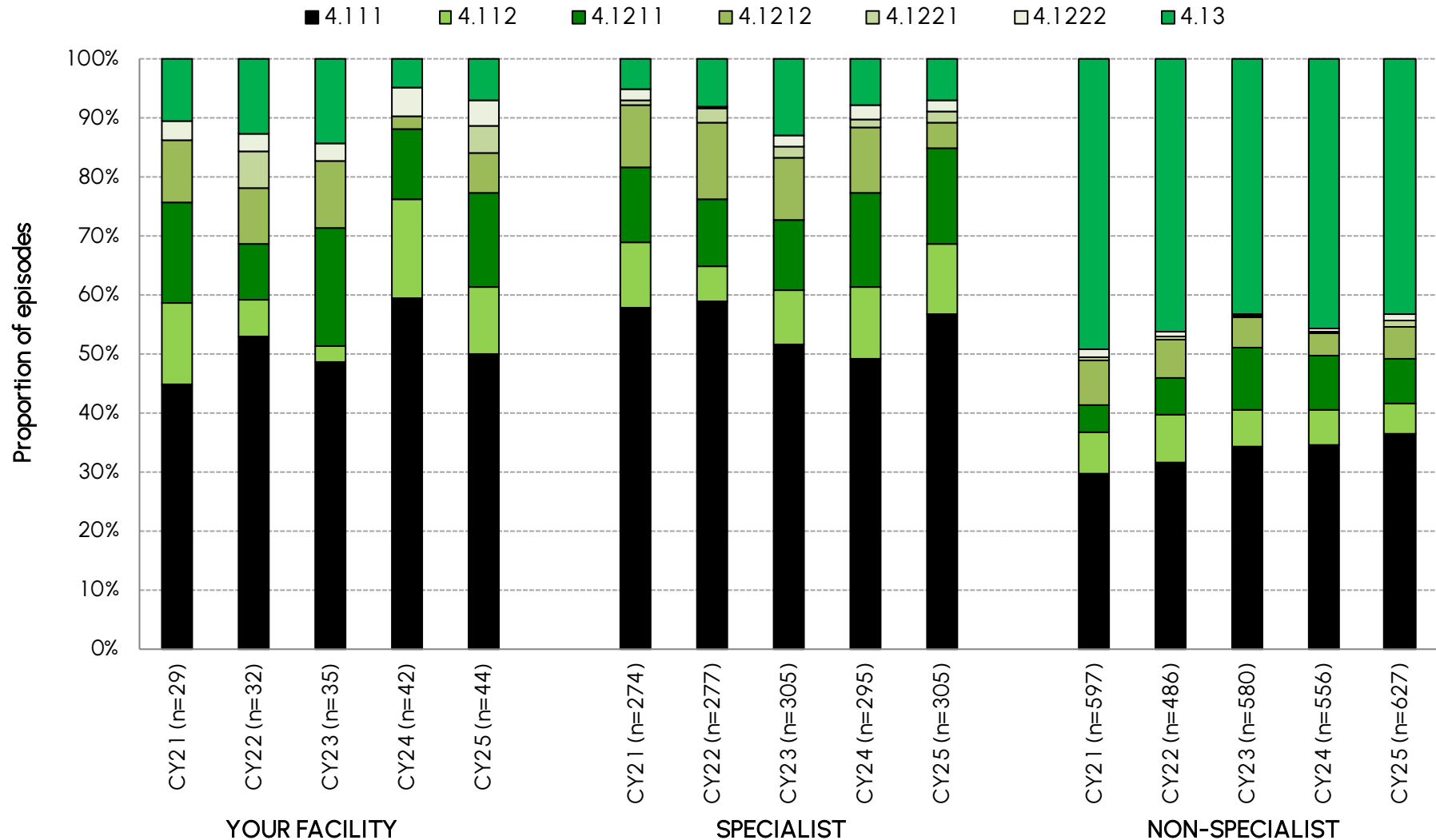
Traumatic AN-SNAP class	YOUR FACILITY					SPECIALIST					NON-SPECIALIST				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
5AD1 (SCI, Weighted FIM Motor 55 - 91)	7	2	5	1	4	46	30	47	38	36	35	38	41	34	52
5AD2 (SCI, Weighted FIM Motor 37 - 54)	7	6	3	5	3	55	35	36	48	24	33	34	47	27	38
5AD3 (SCI, Weighted FIM Motor 19 - 36)	7	9	11	7	15	118	95	98	97	112	48	48	43	44	53
5AP1 (MMT, Weighted FIM Motor 51 - 91)	0	0	1	1	0	4	7	6	5	5	12	44	41	56	16
5AP2 (MMT, Weighted FIM Motor 19 - 50)	1	1	4	2	2	18	7	28	15	14	14	32	28	24	20
5AZ1 (SCI or MMT, age ≥ 59, weighted FIM motor 13-18)	6	7	8	12	8	58	71	73	86	68	18	28	15	21	20
5AZ2 (SCI or MMT, age ≤ 58, weighted FIM motor 13-18)	6	3	8	2	4	60	52	82	67	88	12	11	12	5	3
599A (Ungroupable)	0	1	0	0	0	6	3	1	4	4	0	0	1	0	0
<b>All Spinal AN-SNAP classes</b>	<b>34</b>	<b>29</b>	<b>40</b>	<b>30</b>	<b>36</b>	<b>365</b>	<b>300</b>	<b>371</b>	<b>360</b>	<b>351</b>	<b>172</b>	<b>235</b>	<b>228</b>	<b>211</b>	<b>202</b>

Non-traumatic AN-SNAP class	YOUR FACILITY					SPECIALIST					NON-SPECIALIST				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
5AD1 (SCI, Weighted FIM Motor 55 - 91)	8	8	5	7	4	56	46	43	46	43	189	133	169	186	197
5AD2 (SCI, Weighted FIM Motor 37 - 54)	3	7	6	5	9	53	47	58	51	58	134	126	147	147	162
5AD3 (SCI, Weighted FIM Motor 19 - 36)	13	11	19	23	22	116	135	145	149	145	227	180	217	188	228
5AZ1 (SCI or MMT, age ≥ 59, weighted FIM motor 13-18)	4	1	1	5	6	30	25	36	29	37	36	25	30	20	30
5AZ2 (SCI or MMT, age ≤ 58, weighted FIM motor 13-18)	1	5	4	2	3	17	23	22	19	22	8	18	17	15	9
599A (Ungroupable)	0	0	0	0	0	2	1	1	1	0	3	4	0	0	1
<b>All Spinal AN-SNAP classes</b>	<b>29</b>	<b>32</b>	<b>35</b>	<b>42</b>	<b>44</b>	<b>274</b>	<b>277</b>	<b>305</b>	<b>295</b>	<b>305</b>	<b>597</b>	<b>486</b>	<b>580</b>	<b>556</b>	<b>627</b>

# Proportion of TSCI episodes by impairment code over time



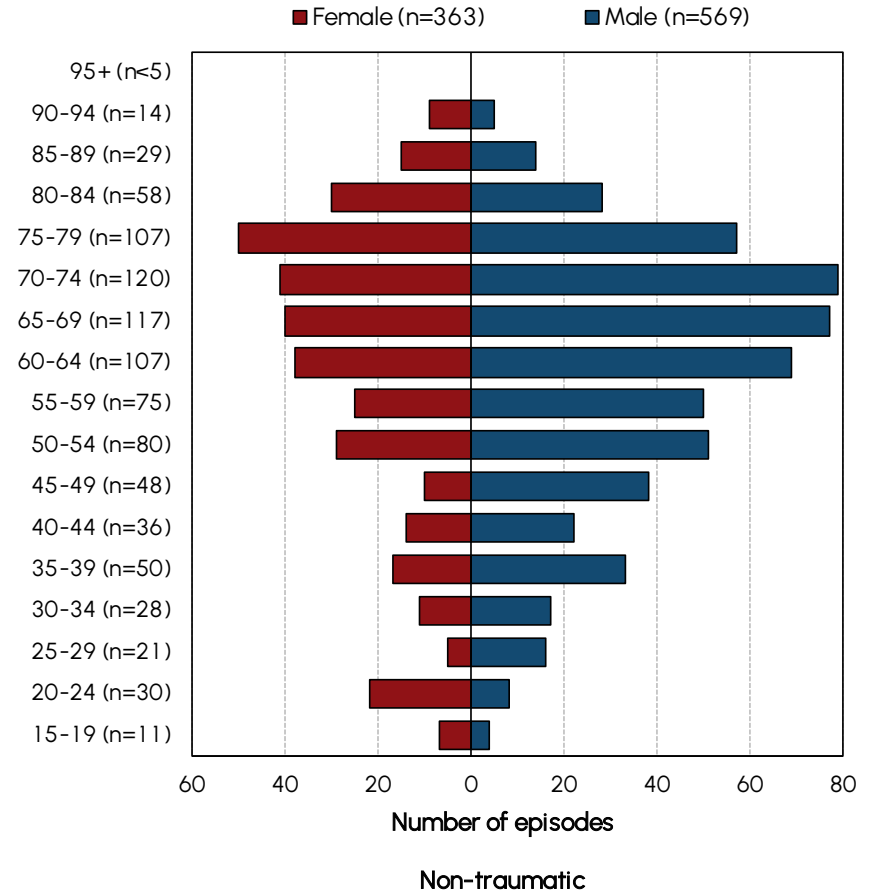
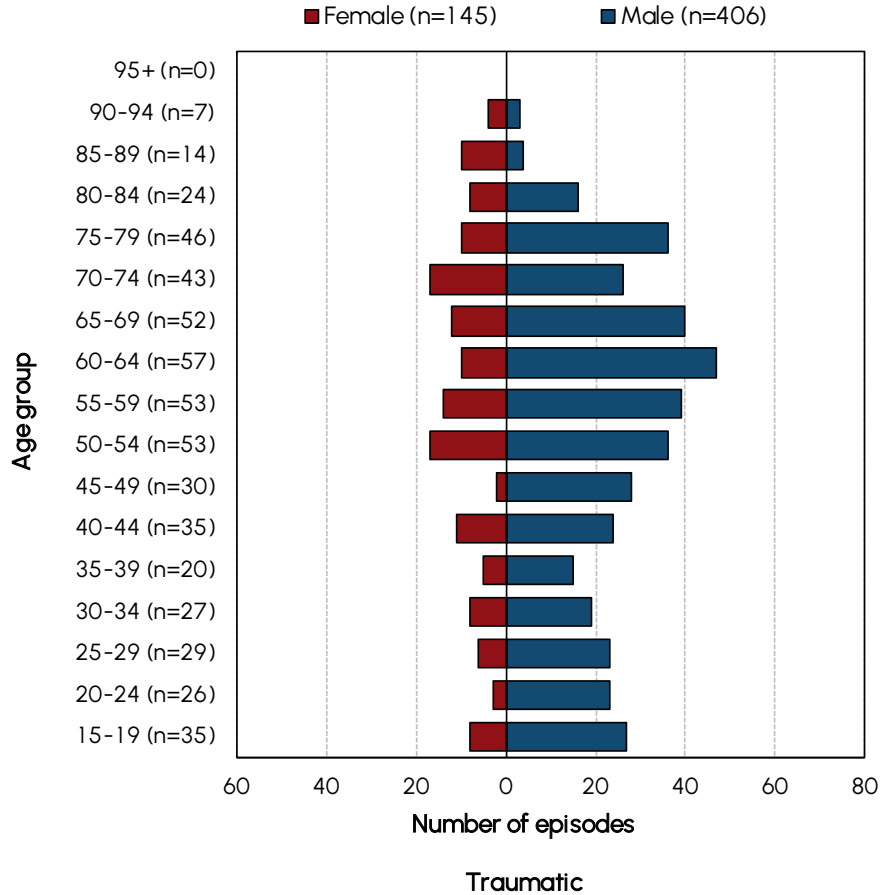
# Proportion of NTSCI episodes by impairment code over time



# Number of TSCI and NTSCI episodes by impairment code over time

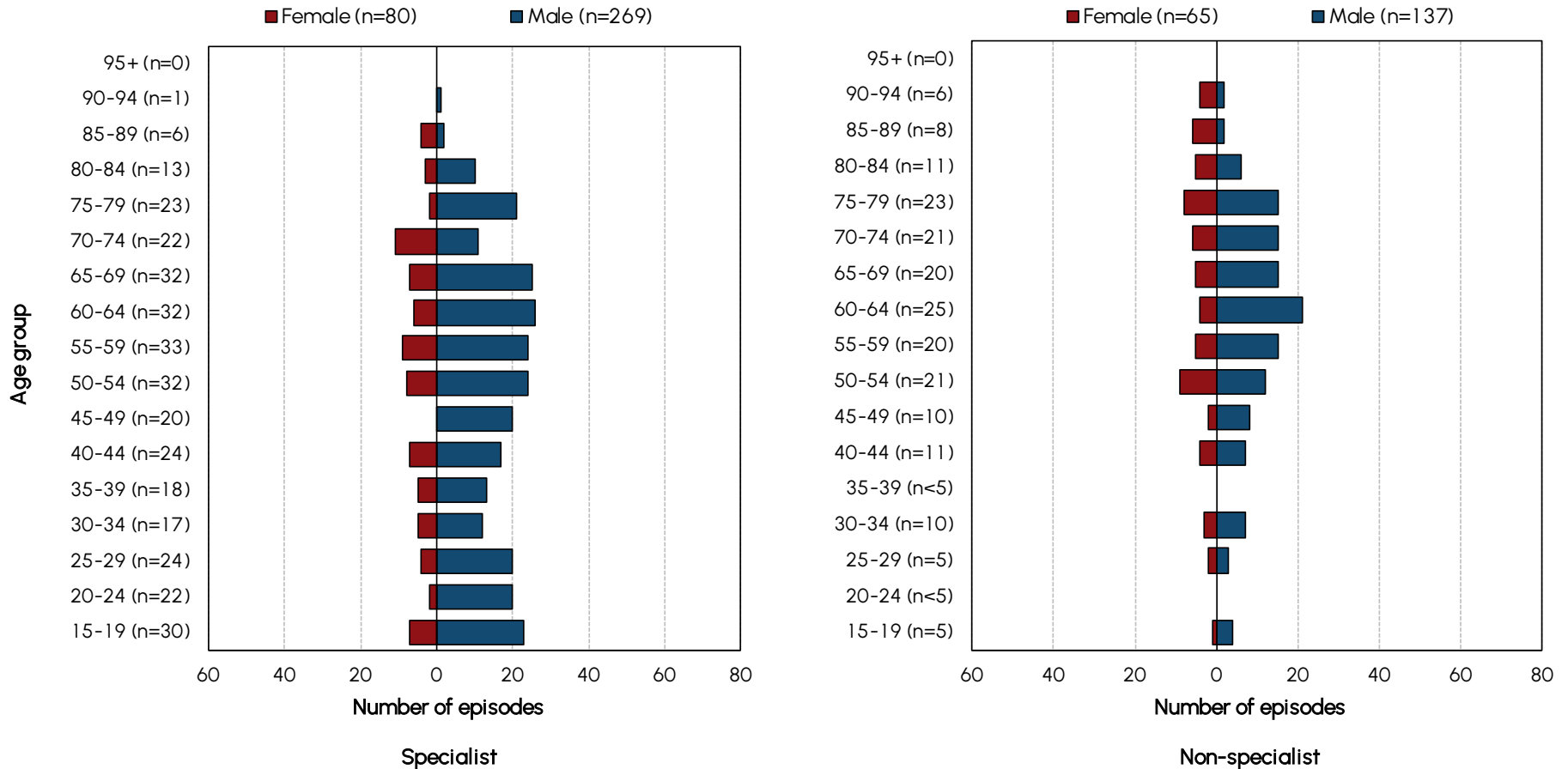
Impairment	YOUR FACILITY					SPECIALIST					NON-SPECIALIST				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
<b><u>Traumatic impairments</u></b>															
4.211 Para-Inc	9	7	13	8	8	77	63	79	94	93	48	34	39	33	45
4.212 Para-Comp	2	1	5	4	8	55	39	49	52	45	9	18	15	14	15
4.2211 Quad-Inc C1-4	10	10	11	7	9	86	81	94	92	84	22	34	24	23	31
4.2212 Quad-Inc C5-8	7	5	5	3	6	71	53	64	55	51	19	15	17	11	22
4.2221 Quad-Comp C1-4	5	3	0	2	1	21	23	16	13	18	2	1	3	2	2
4.2222 Quad-Comp C5-8	0	0	0	1	1	15	15	12	15	25	4	3	2	3	0
4.23 Other TSCI	0	1	0	2	0	12	5	14	11	4	35	48	52	39	48
14.1 MMT: brain+spine	0	0	1	1	1	11	7	13	13	13	21	54	59	67	28
14.3 MMT: spine+other	1	2	5	2	2	17	14	30	15	18	12	28	17	19	11
<b>All TSCI</b>	<b>34</b>	<b>29</b>	<b>40</b>	<b>30</b>	<b>36</b>	<b>365</b>	<b>300</b>	<b>371</b>	<b>360</b>	<b>351</b>	<b>172</b>	<b>235</b>	<b>228</b>	<b>211</b>	<b>202</b>
<b><u>Non-traumatic impairments</u></b>															
4.111 Para-Inc	13	17	17	25	22	159	163	158	145	173	178	154	200	192	229
4.112 Para-Comp	4	2	1	7	5	30	17	28	36	37	42	39	36	33	33
4.1211 Quad-Inc C1-4	5	3	7	5	7	35	31	36	47	49	27	31	60	52	46
4.1212 Quad-Inc C5-8	3	3	4	1	3	29	36	32	33	13	45	31	30	21	35
4.1221 Quad-Comp C1-4	0	2	0	0	2	2	7	6	4	6	4	3	2	1	6
4.1222 Quad-Comp C5-8	1	1	1	2	2	5	1	6	7	6	7	3	2	3	8
4.13 Other NTSCI	3	4	5	2	3	14	22	39	23	21	294	225	250	254	270
<b>All NTSCI</b>	<b>29</b>	<b>32</b>	<b>35</b>	<b>42</b>	<b>44</b>	<b>274</b>	<b>277</b>	<b>305</b>	<b>295</b>	<b>305</b>	<b>597</b>	<b>486</b>	<b>580</b>	<b>556</b>	<b>627</b>
<b>ALL SCI</b>	<b>63</b>	<b>61</b>	<b>75</b>	<b>72</b>	<b>80</b>	<b>639</b>	<b>577</b>	<b>676</b>	<b>655</b>	<b>656</b>	<b>769</b>	<b>721</b>	<b>808</b>	<b>767</b>	<b>829</b>

# Number of episodes by age group and sex – TSCI and NTSCI



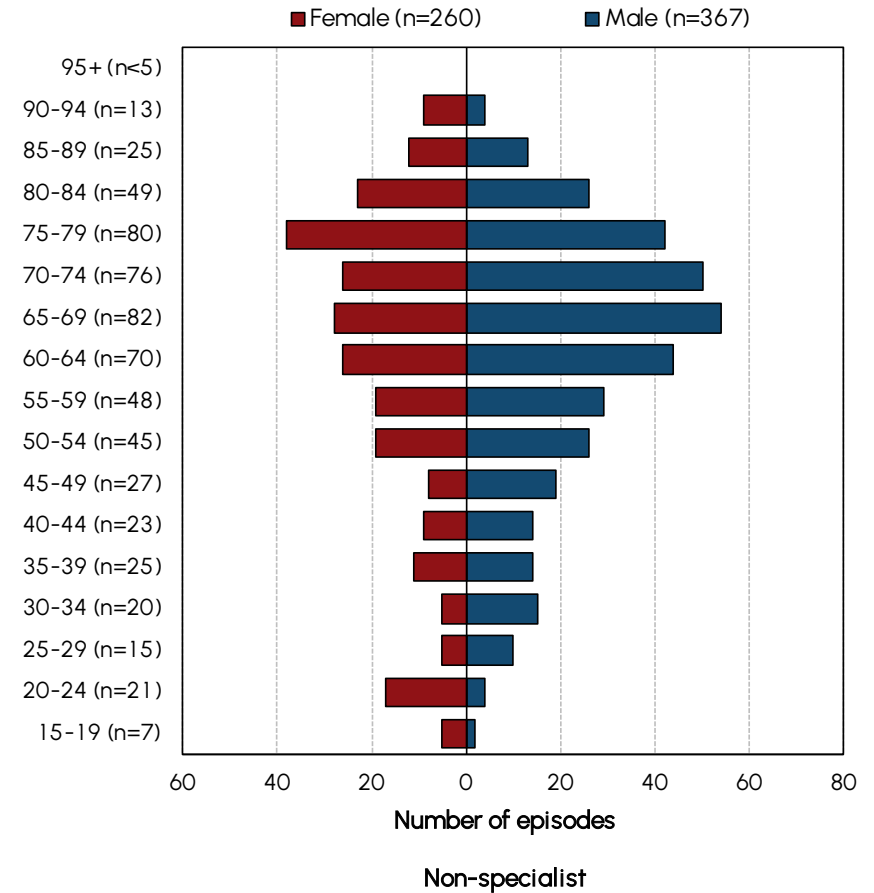
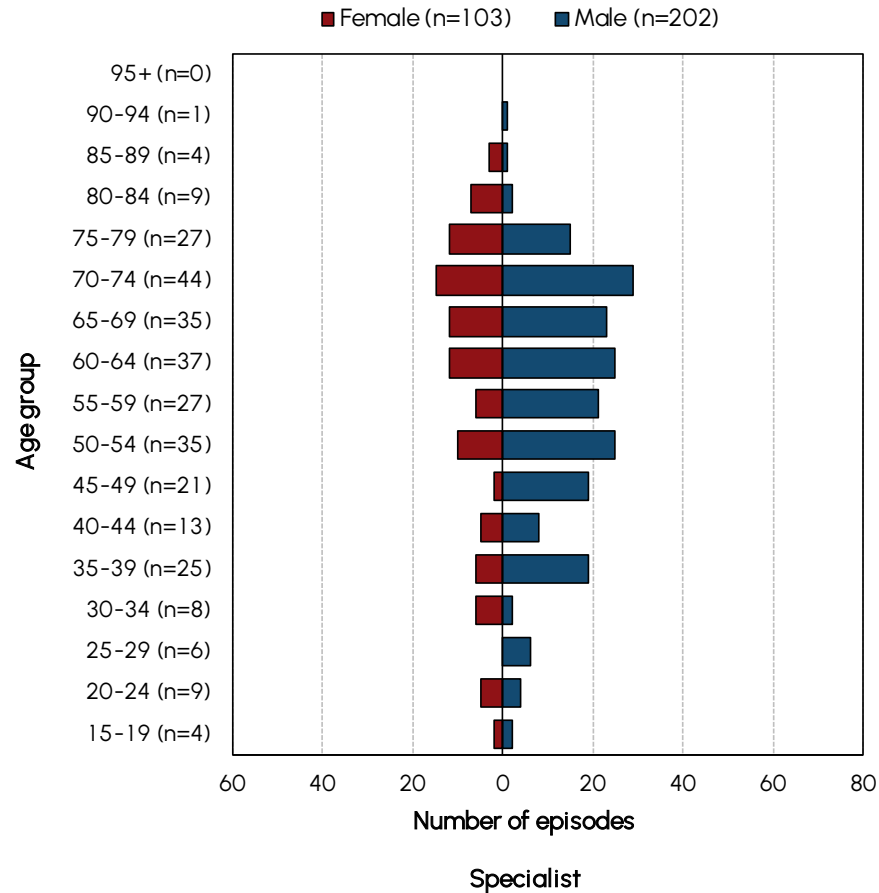
INCLUDES: episodes with sex reported as male or female, valid date of birth, valid episode start date and calculated age of 15-110 years old

# Number of TSCI episodes by age group and sex – specialist and non-specialist



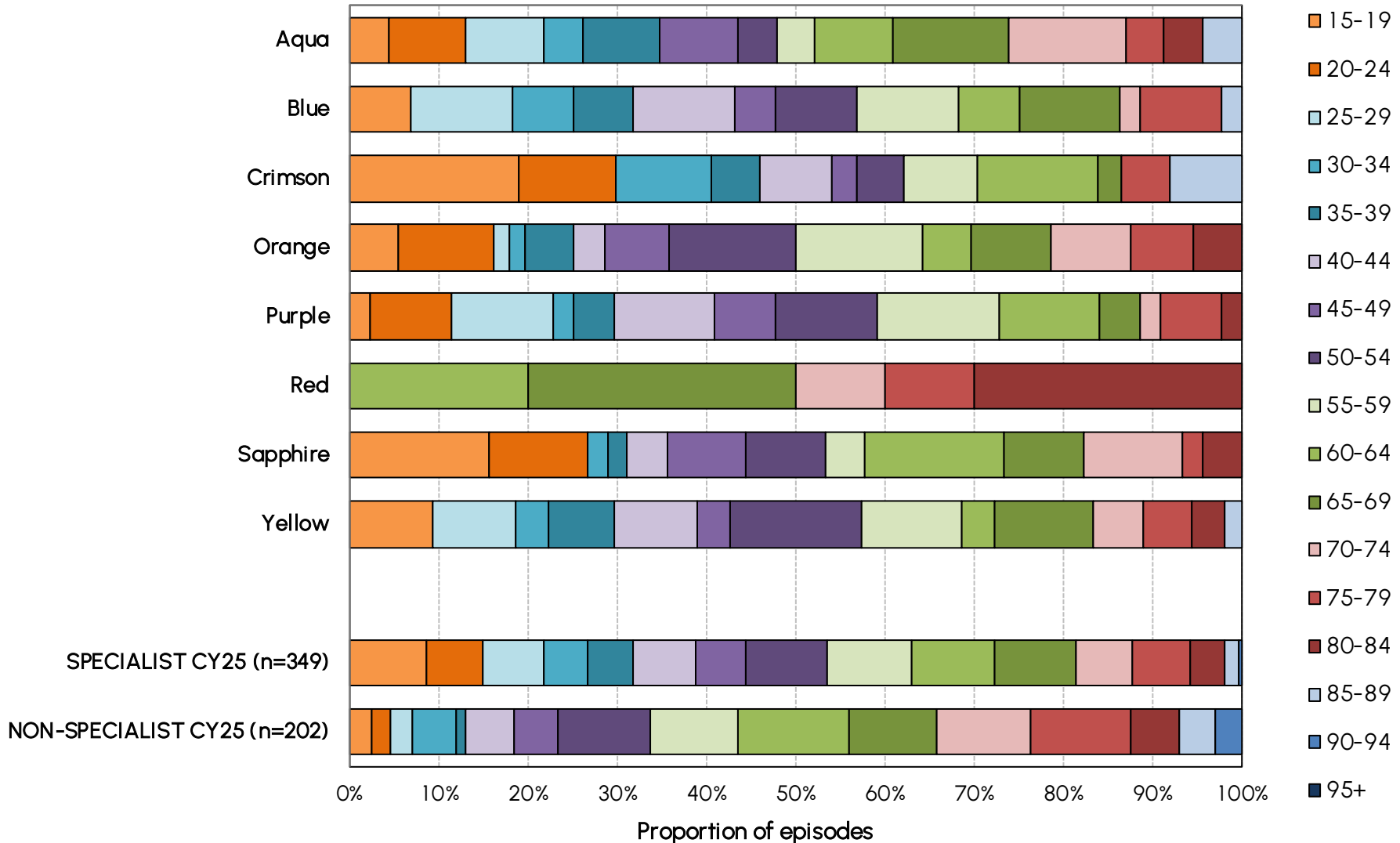
INCLUDES: episodes with sex reported as male or female, valid date of birth, valid episode start date and calculated age of 15-110 years old

# Number of NTSCI episodes by age group and sex – specialist and non-specialist



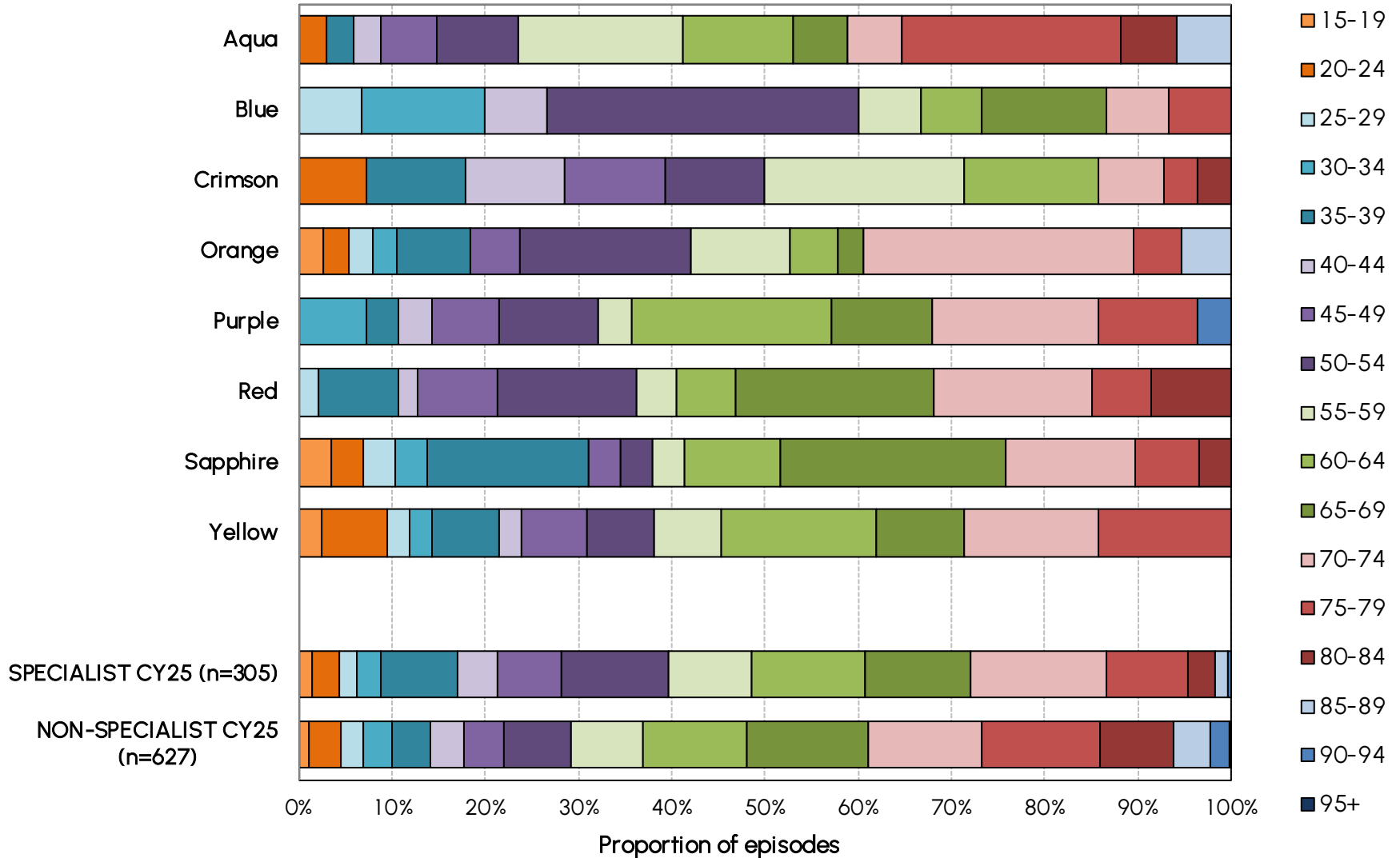
INCLUDES: episodes with sex reported as male or female, valid date of birth, valid episode start date and calculated age of 15-110 years old

# Proportion of TSCI episodes by age group and specialist facility



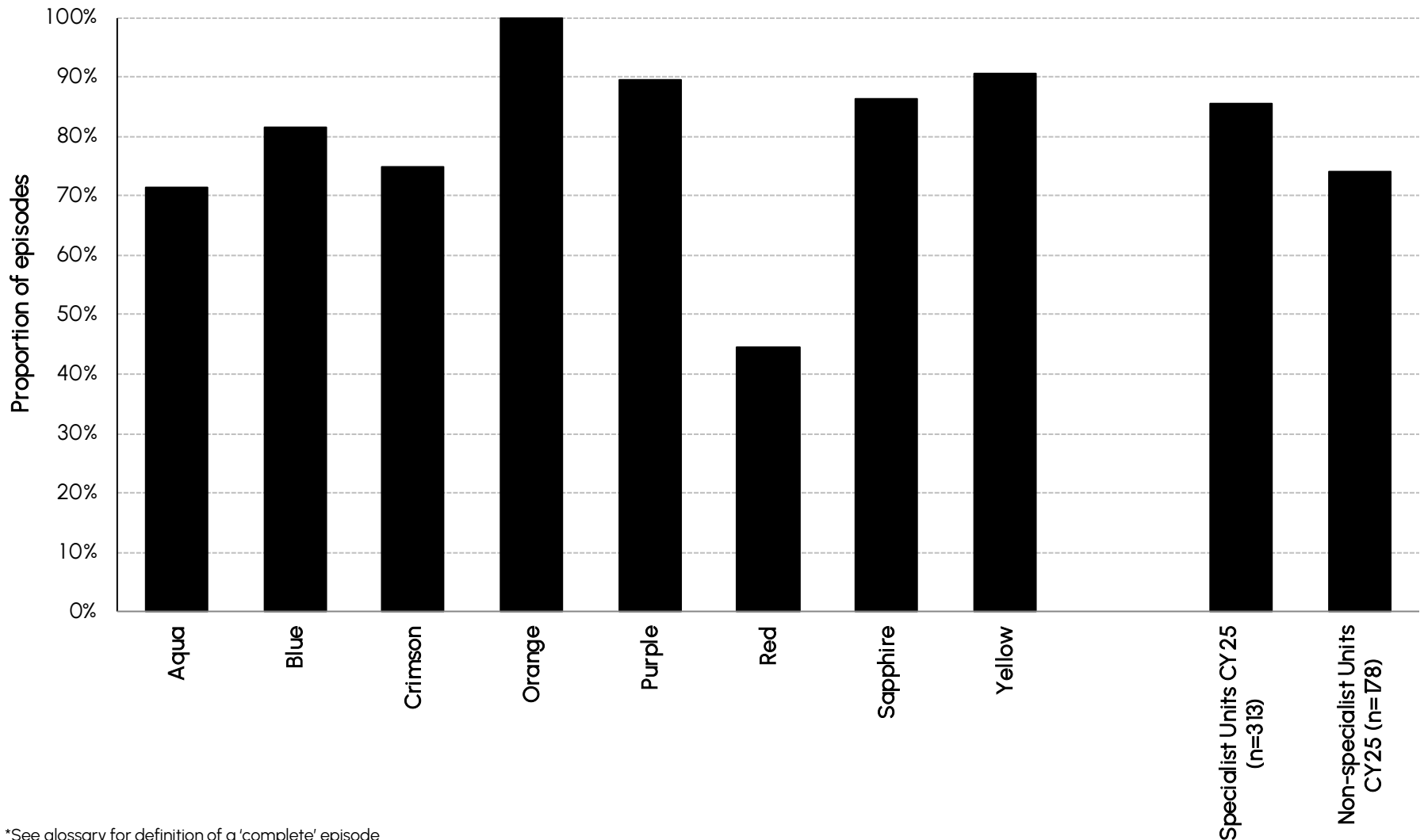
INCLUDES: episodes with valid date of birth, valid episode start date and calculated age of 15-110 years old

# Proportion of NTSCI episodes by age group and specialist facility



INCLUDES: episodes with valid date of birth, valid episode start date and calculated age of 15-110 years old

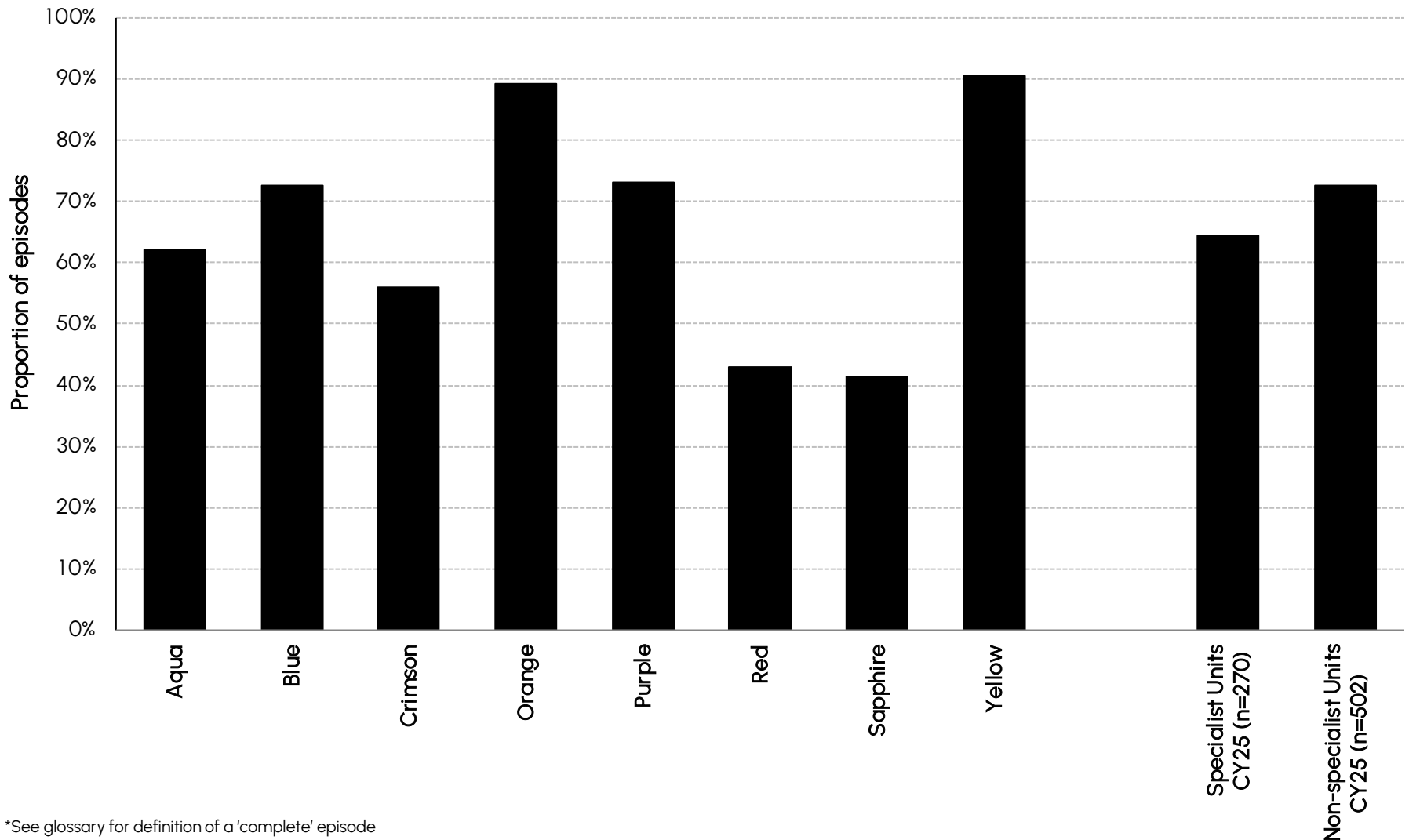
# Proportion of complete\* first direct care TSCI episodes by specialist facility



\*See glossary for definition of a 'complete' episode

INCLUDES: first direct care admissions, valid LOS, valid FIM score, groupable AN-SNAP (not 599A)

# Proportion of complete\* first direct care NTSCI episodes by specialist facility



\*See glossary for definition of a 'complete' episode

INCLUDES: first direct care admissions, valid LOS, valid FIM score, groupable AN-SNAP (not 599A)

# Number of complete first direct care TSCI and NTSCI episodes by AN-SNAP class and impairment code

AN-SNAP class	YOUR FACILITY CY25			SPECIALIST CY25			NON-SPECIALIST CY25		
	All episodes	Completed episodes	%Complete	All episodes	Completed episodes	%Complete	All episodes	Completed episodes	%Complete
5AD1 (SCI, Weighted FIM Motor 55 - 91)	7	6	85.7	70	62	88.6	216	191	88.4
5AD2 (SCI, Weighted FIM Motor 37 - 54)	9	9	100.0	71	57	80.3	166	137	82.5
5AD3 (SCI, Weighted FIM Motor 19 - 36)	33	21	63.6	224	159	71.0	214	112	52.3
5AP1 (MMT, Weighted FIM Motor 51 - 91)	0	0	—	5	(n<5)	—	16	14	87.5
5AP2 (MMT, Weighted FIM Motor 19 - 50)	2	2	100.0	11	10	90.9	18	13	72.2
5AZ1 (SCI or MMT, age ≥ 59, weighted FIM motor 13-18)	14	8	57.1	97	63	64.9	42	25	59.5
5AZ2 (SCI or MMT, age ≤ 58, weighted FIM motor 13-18)	6	4	66.7	102	86	84.3	7	5	71.4
599A (Ungroupable)	0	0	—	(n<5)	(n<5)	—	(n<5)	0	—
<b>All Spinal AN-SNAP classes</b>	<b>71</b>	<b>50</b>	<b>70.4</b>	<b>583</b>	<b>442</b>	<b>75.8</b>	<b>680</b>	<b>497</b>	<b>73.1</b>

INCLUDES: first direct care admission episodes

Impairment	YOUR FACILITY CY25			SPECIALIST CY25			NON-SPECIALIST CY25		
	All episodes	Completed episodes	%Complete	All episodes	Completed episodes	%Complete	All episodes	Completed episodes	%Complete
<b>Traumatic impairments</b>									
4.211 Para-Inc	7	7	100.0	85	73	85.9	38	25	65.8
4.212 Para-Comp	8	7	87.5	40	36	90.0	12	8	66.7
4.2211 Quad-Inc C1-4	8	6	75.0	76	63	82.9	24	17	70.8
4.2212 Quad-Inc C5-8	5	4	80.0	44	37	84.1	21	17	81.0
4.2221 Quad-Comp C1-4	1	1	100.0	17	14	82.4	(n<5)	(n<5)	—
4.2222 Quad-Comp C5-8	0	0	—	21	18	85.7	0	0	—
4.23 Other TSCI	0	0	—	(n<5)	(n<5)	—	44	35	79.5
14.1 MMT: brain+spine	1	0	0.0	12	10	83.3	26	21	80.8
14.3 MMT: spine+other	2	2	100.0	14	13	92.9	11	7	63.6
<b>All TSCI</b>	<b>32</b>	<b>27</b>	<b>84.4</b>	<b>313</b>	<b>268</b>	<b>85.6</b>	<b>178</b>	<b>132</b>	<b>74.2</b>
<b>Non-traumatic impairments</b>									
4.111 Para-Inc	19	12	63.2	154	100	64.9	176	114	64.8
4.112 Para-Comp	5	2	40.0	34	23	67.6	21	11	52.4
4.1211 Quad-Inc C1-4	7	4	57.1	42	29	69.0	35	29	82.9
4.1212 Quad-Inc C5-8	3	2	66.7	13	8	61.5	23	16	69.6
4.1221 Quad-Comp C1-4	1	0	0.0	(n<5)	(n<5)	—	6	(n<5)	—
4.1222 Quad-Comp C5-8	2	1	50.0	6	(n<5)	—	7	5	71.4
4.13 Other NTSCI	2	2	100.0	17	10	58.8	234	187	79.9
<b>All NTSCI</b>	<b>39</b>	<b>23</b>	<b>59.0</b>	<b>270</b>	<b>174</b>	<b>64.4</b>	<b>502</b>	<b>365</b>	<b>72.7</b>
<b>ALL SCI</b>	<b>71</b>	<b>50</b>	<b>70.4</b>	<b>583</b>	<b>442</b>	<b>75.8</b>	<b>680</b>	<b>497</b>	<b>73.1</b>

INCLUDES: first direct care admission episodes

# Summary of incomplete Spinal Cord Injury episodes

	YOUR FACILITY CY25		SPECIALIST CY25		NON-SPECIALIST CY25		ALL SPINE	
	N	(%)	N	(%)	N	(%)	N	(%)
Total reporting episodes	80		656		829		1,485	
Incomplete episodes	24	(30.0)	163	(24.8)	223	(26.9)	386	(26.0)

## Reason for incomplete:

Discharged home with end FIM=18	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Discharged home with no end FIM	1	(4.2)	(n<5)	(n<5)	0	(0.0)	(n<5)	(n<5)
Discharged to another hospital	13	(54.2)	85	(52.1)	117	(52.5)	202	(52.3)
Discharged back to acute same hospital	8	(33.3)	51	(31.3)	89	(39.9)	140	(36.3)
Discharged at own risk	2	(8.3)	9	(5.5)	10	(4.5)	19	(4.9)
Change of care type (LOS<1 week)	0	(0.0)	0	(0.0)	(n<5)	(n<5)	(n<5)	(n<5)
Died	0	(0.0)	7	(4.3)	(n<5)	(n<5)	8	(2.1)
Other/Unknown Discharge	0	(0.0)	8	(4.9)	5	(2.2)	13	(3.4)

	YOUR FACILITY CY25			
	Incomplete Episodes		Complete episodes	
<b>Impairment Code:</b>				
4.111 Para-Inc	8	(33.3)	14	(25.0)
4.112 Para-Comp	3	(12.5)	2	(3.6)
4.1211 Quad-Inc C1-4	3	(12.5)	4	(7.1)
4.1212 Quad-Inc C5-8	1	(4.2)	2	(3.6)
4.1221 Quad-Comp C1-4	2	(8.3)	0	(0.0)
4.1222 Quad-Comp C5-8	1	(4.2)	1	(1.8)
4.13 Other NTSCI	0	(0.0)	3	(5.4)
4.211 Para-Inc	1	(4.2)	7	(12.5)
4.212 Para-Comp	1	(4.2)	7	(12.5)
4.2211 Quad-Inc C1-4	2	(8.3)	7	(12.5)
4.2212 Quad-Inc C5-8	1	(4.2)	5	(8.9)
4.2221 Quad-Comp C1-4	0	(0.0)	1	(1.8)
4.2222 Quad-Comp C5-8	0	(0.0)	1	(1.8)
4.23 Other TSCI	0	(0.0)	0	(0.0)
14.1 MMT: brain+spine	1	(4.2)	0	(0.0)
14.3 MMT: spine+other	0	(0.0)	2	(3.6)

## AN-SNAP Class:

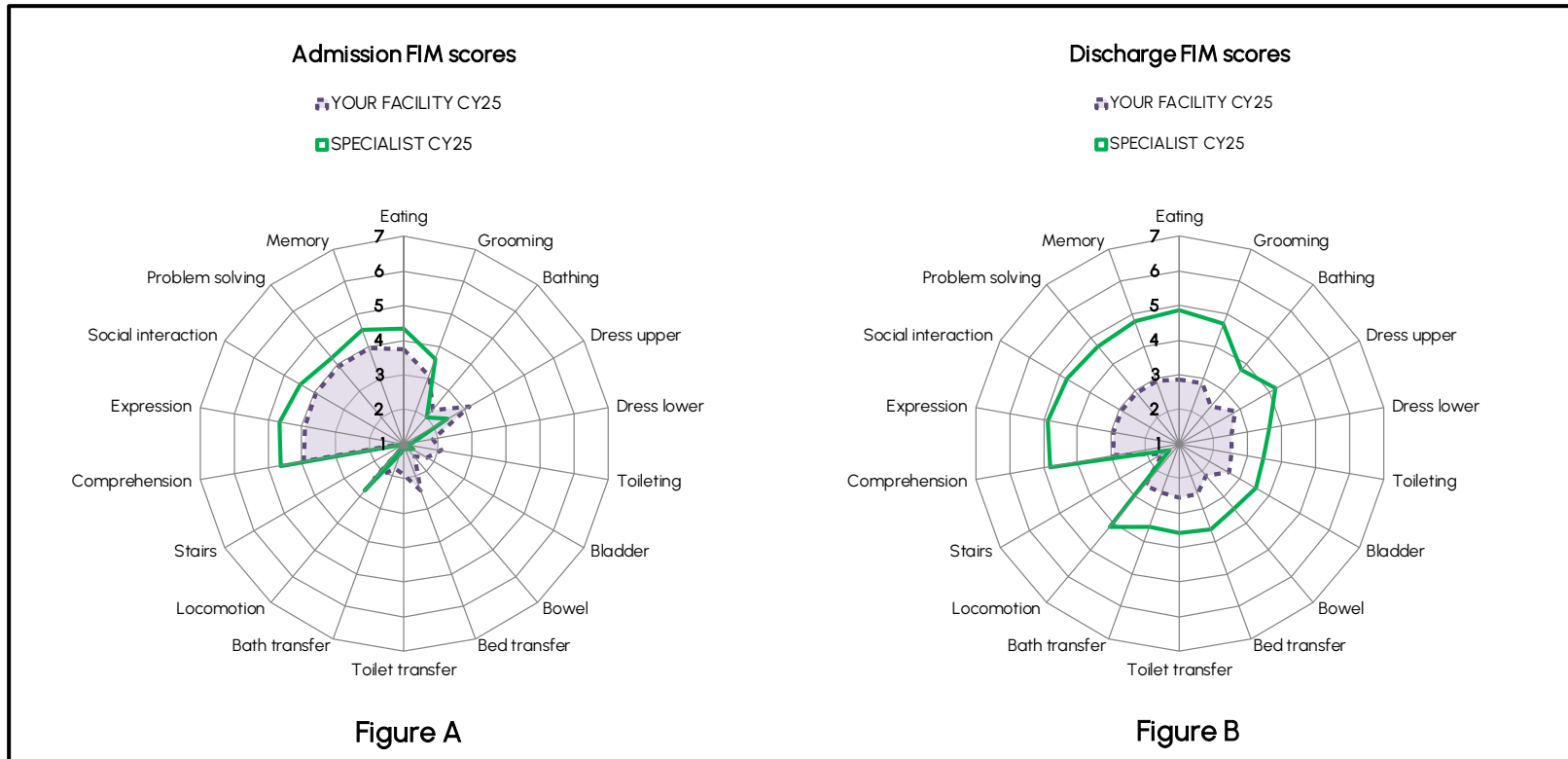
5AD1 (SCI, Weighted FIM Motor 55 - 91)	1	(4.2)	7	(12.5)
5AD2 (SCI, Weighted FIM Motor 37 - 54)	1	(4.2)	11	(19.6)
5AD3 (SCI, Weighted FIM Motor 19 - 36)	13	(54.2)	24	(42.9)
5AP1 (MMT, Weighted FIM Motor 51 - 91)	0	(0.0)	0	(0.0)
5AP2 (MMT, Weighted FIM Motor 19 - 50)	0	(0.0)	2	(3.6)
5AZ1 (SCI or MMT, age ≥ 59, weighted FIM motor 13-18)	6	(25.0)	8	(14.3)
5AZ2 (SCI or MMT, age ≤ 58, weighted FIM motor 13-18)	3	(12.5)	4	(7.1)
599A (Ungroupable)	0	(0.0)	0	(0.0)



# Review of FIM item scoring by AN-SNAP class



# Interpreting the comparative FIM item scoring charts

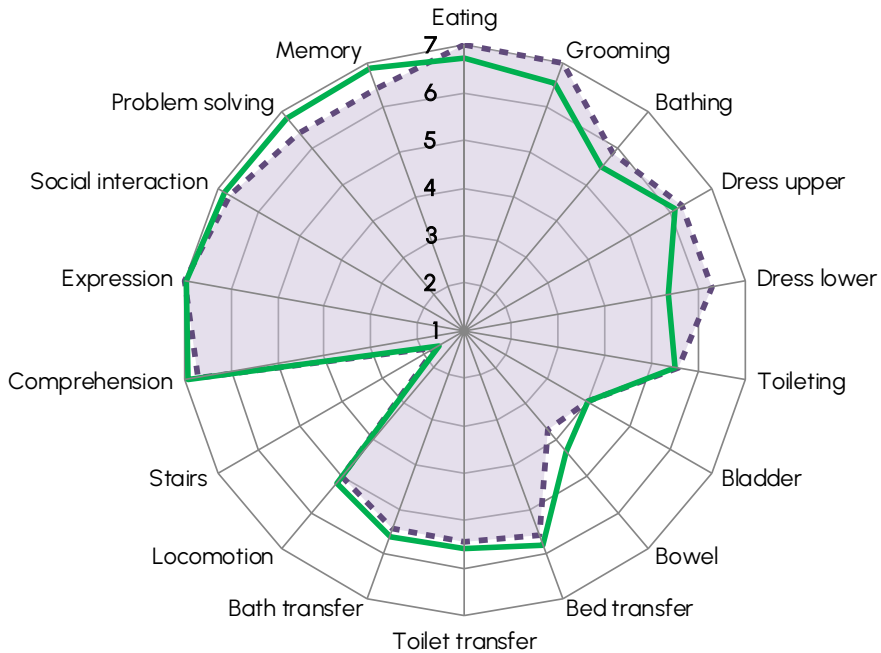


The FIM splat provides a graphic presentation of functional status in a radar chart. The 18 FIM items are arranged in order as 'spokes' of a wheel and the scoring levels from 1 (total dependence) to 7 (total independence) run from the centre outwards. The mean FIM item score for each item is indicated — 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 SPECIALIST 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 5AD1

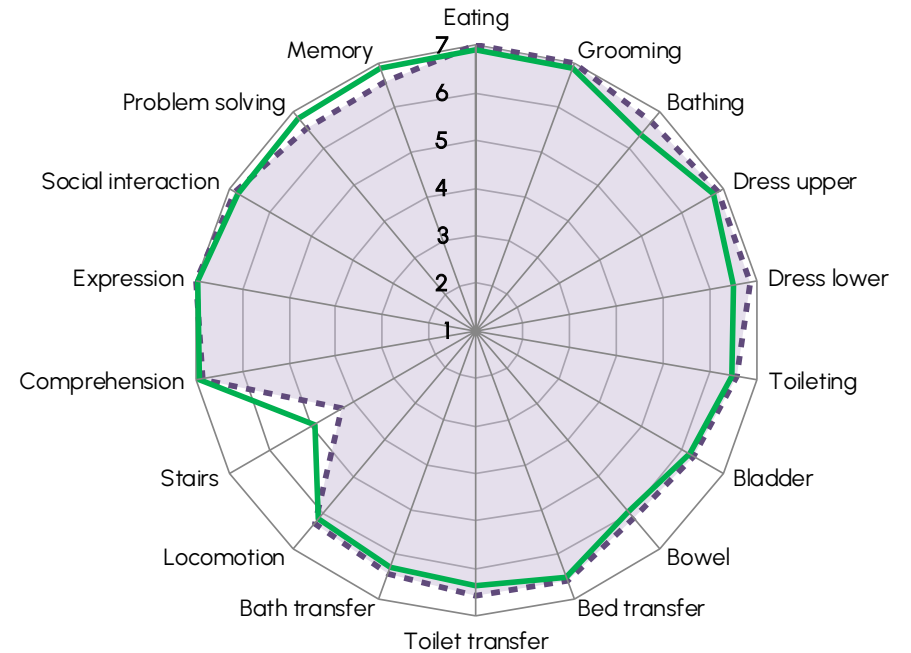
## 5AD1 Admission FIM scores

YOUR FACILITY CY25 (n=7)  
 SPECIALIST CY25 (n=70)



## 5AD1 Discharge FIM scores

YOUR FACILITY CY25 (n=7)  
 SPECIALIST CY25 (n=70)

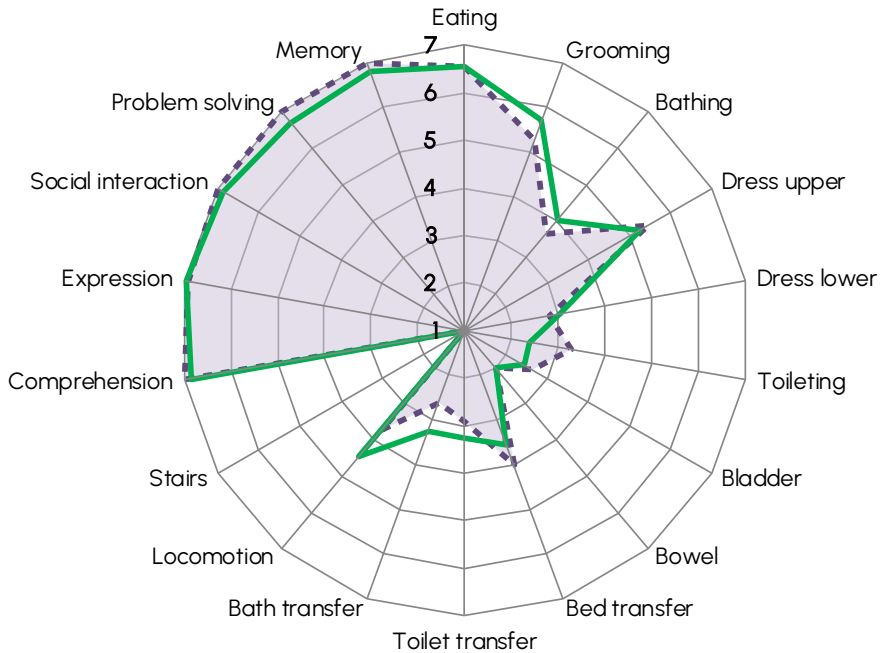


INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report.

# Comparative FIM item scoring AN-SNAP class 5AD2

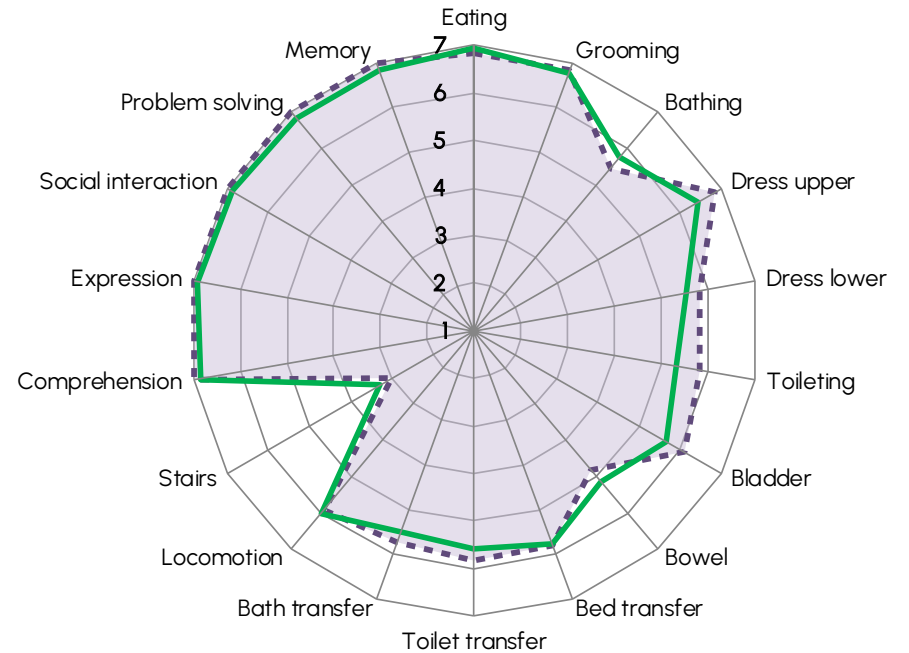
## 5AD2 Admission FIM scores

- YOUR FACILITY CY25 (n=11)
- SPECIALIST CY25 (n=63)



## 5AD2 Discharge FIM scores

- YOUR FACILITY CY25 (n=11)
- SPECIALIST CY25 (n=63)

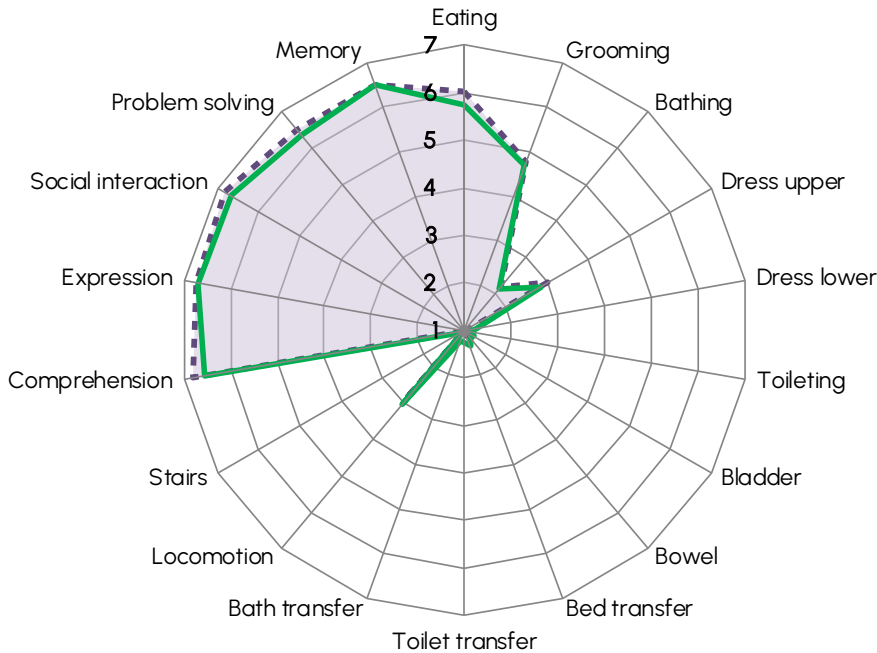


INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report.

# Comparative FIM item scoring AN-SNAP class 5AD3

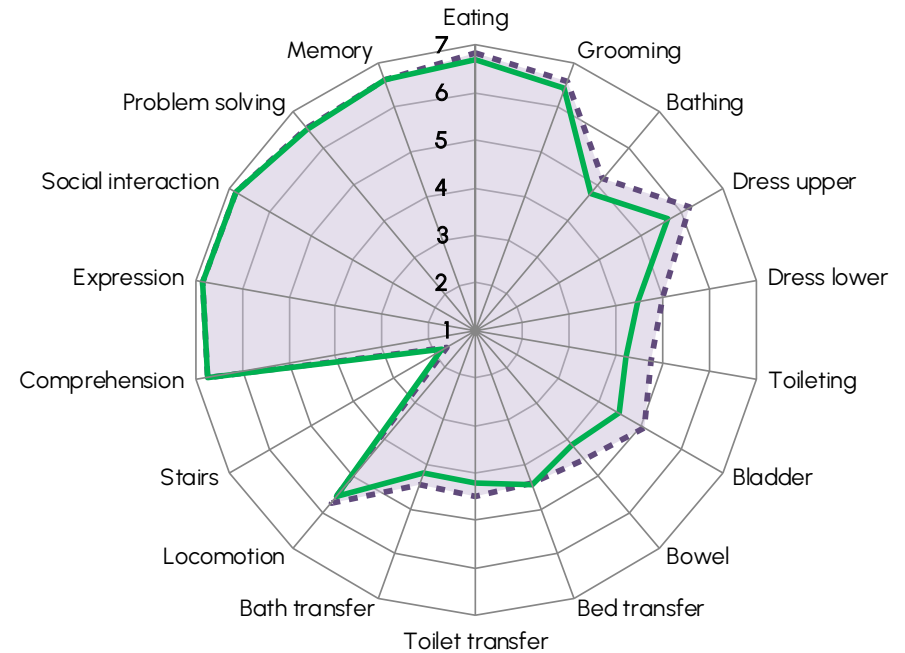
## 5AD3 Admission FIM scores

- ▨ YOUR FACILITY CY25 (n=24)
- ▣ SPECIALIST CY25 (n=186)



## 5AD3 Discharge FIM scores

- ▨ YOUR FACILITY CY25 (n=24)
- ▣ SPECIALIST CY25 (n=186)



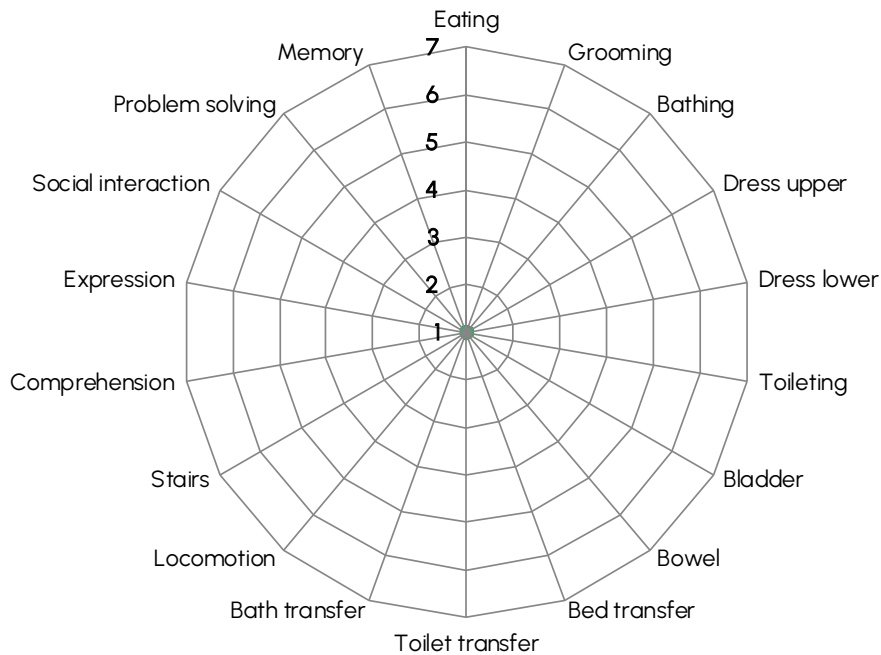
INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report.

# Comparative FIM item scoring AN-SNAP class 5AP 1

## 5AP 1 Admission FIM scores

YOUR FACILITY CY25 (n<5)

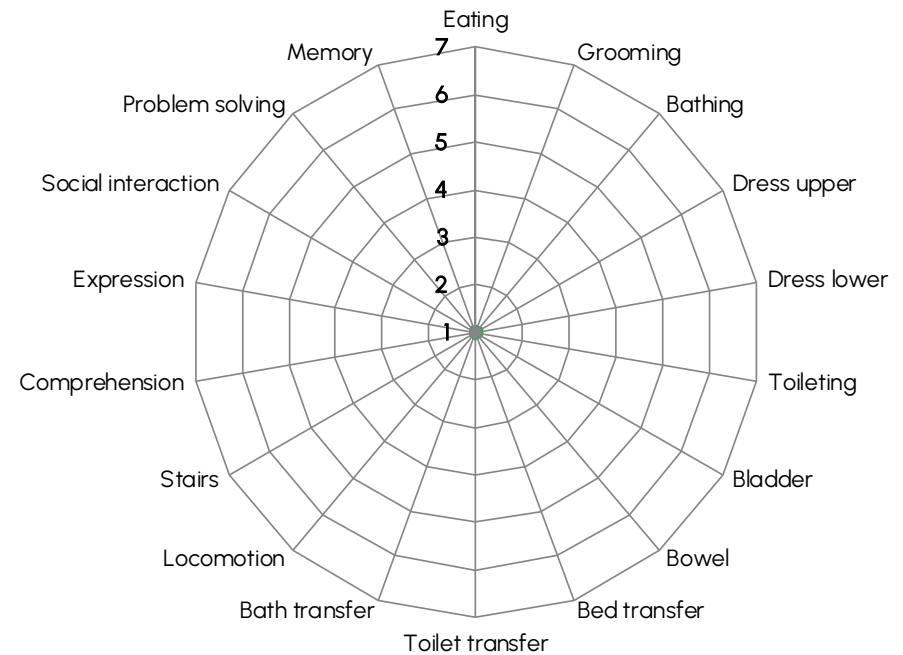
SPECIALIST CY25 (n<5)



## 5AP 1 Discharge FIM scores

YOUR FACILITY CY25 (n<5)

SPECIALIST CY25 (n<5)

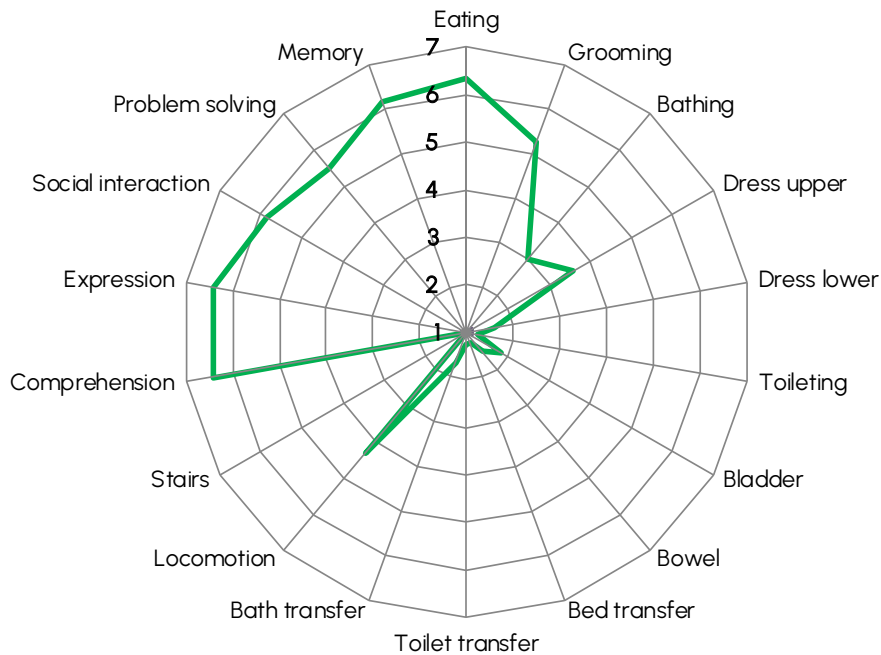


INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report.

# Comparative FIM item scoring AN-SNAP class 5AP2

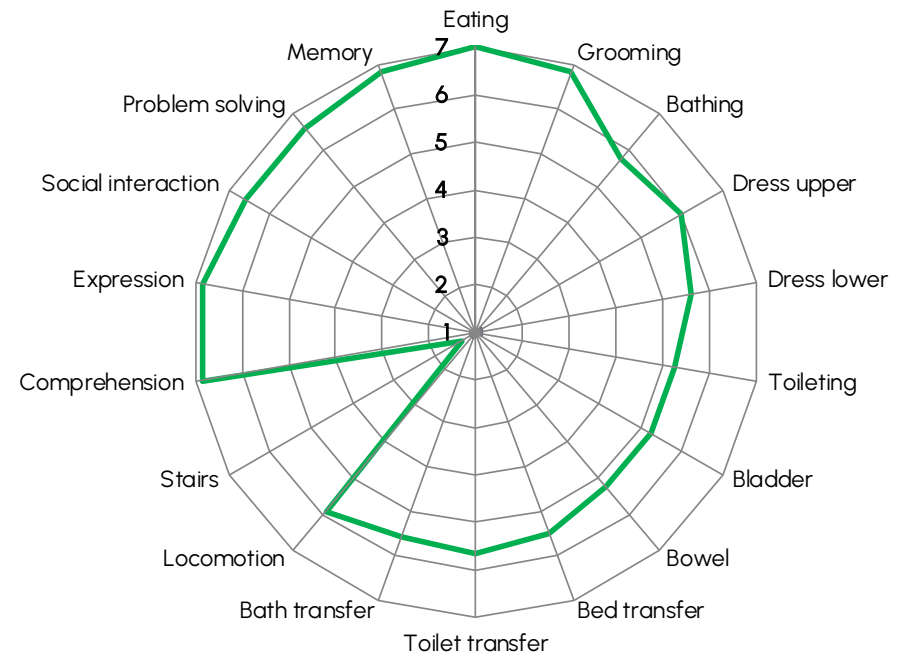
## 5AP2 Admission FIM scores

- YOUR FACILITY CY25 (n<5)
- SPECIALIST CY25 (n=12)



## 5AP2 Discharge FIM scores

- YOUR FACILITY CY25 (n<5)
- SPECIALIST CY25 (n=12)



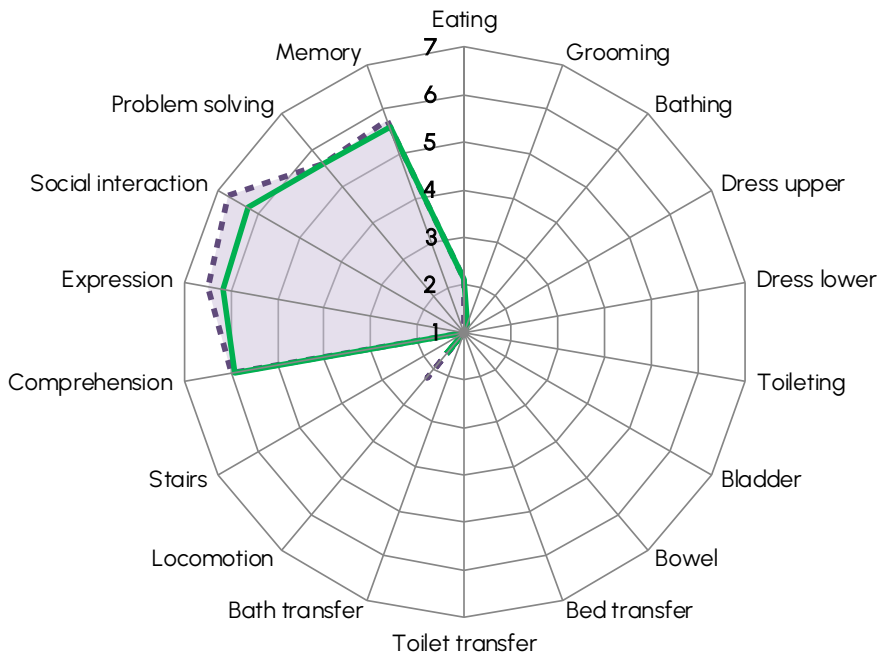
INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report.

# Comparative FIM item scoring AN-SNAP class 5AZ1

## 5AZ1 Admission FIM scores

YOUR FACILITY CY25 (n=8)

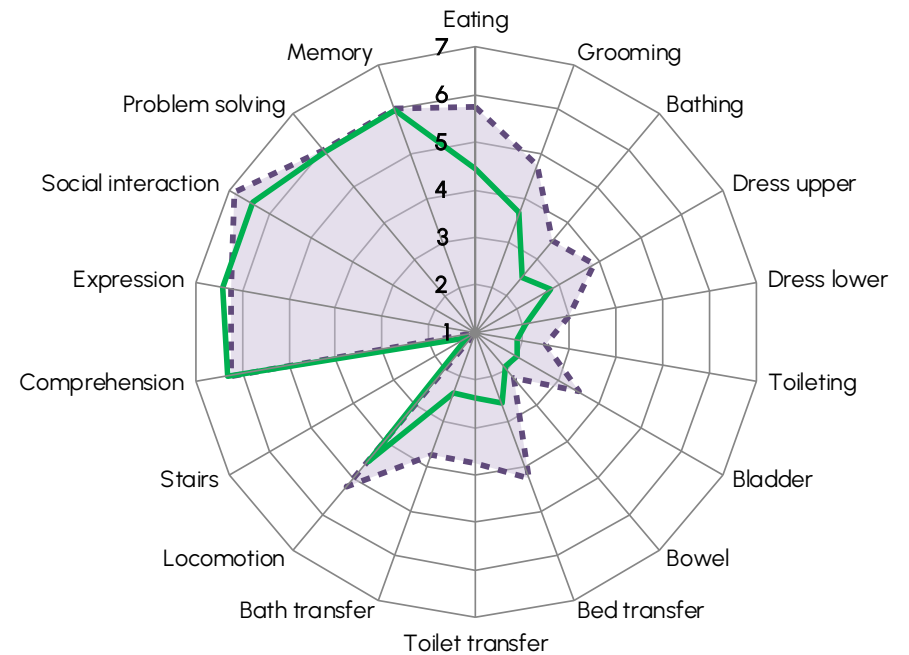
SPECIALIST CY25 (n=68)



## 5AZ1 Discharge FIM scores

YOUR FACILITY CY25 (n=8)

SPECIALIST CY25 (n=68)

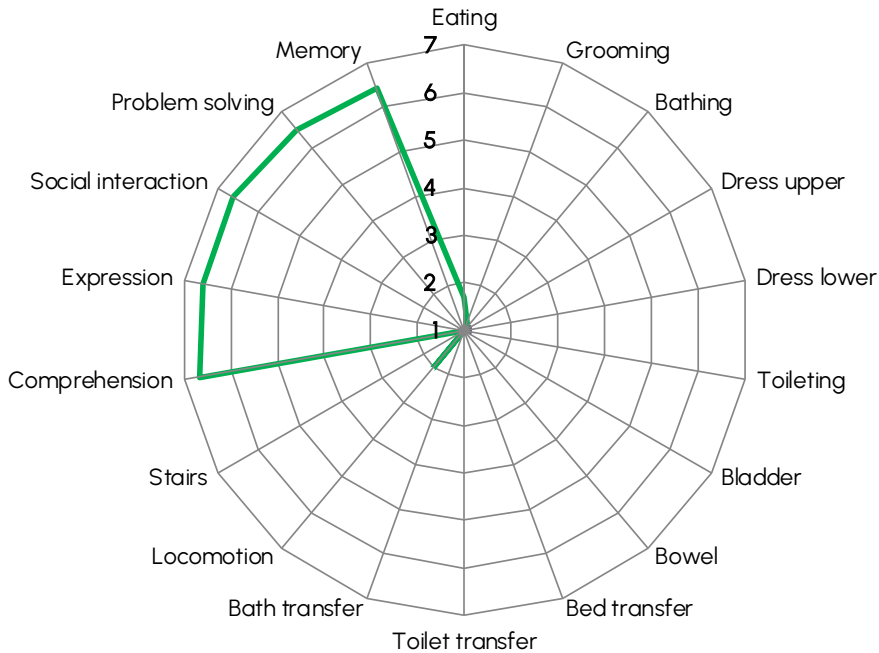


INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report.

# Comparative FIM item scoring AN-SNAP class 5AZ2

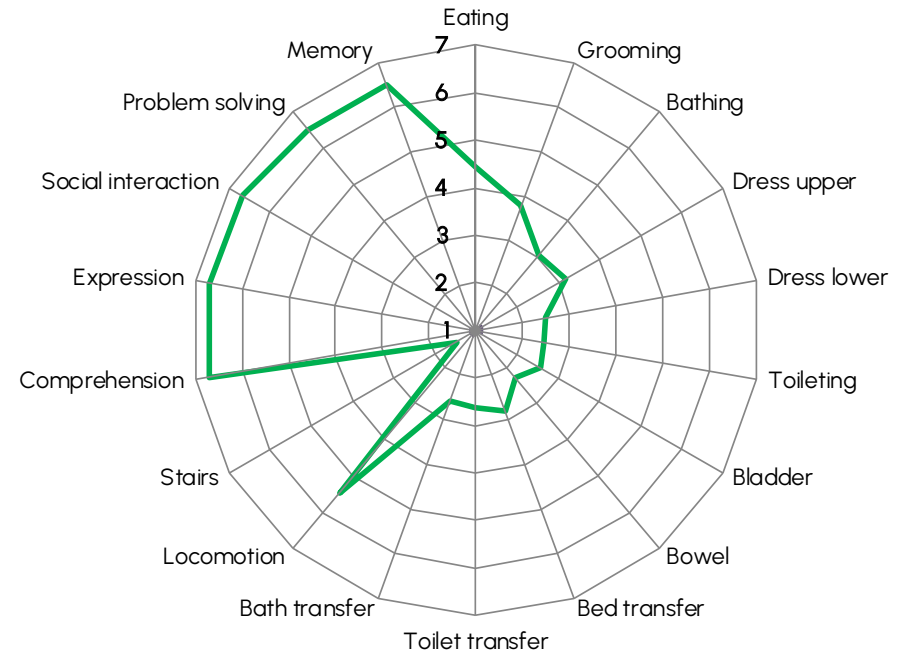
## 5AZ2 Admission FIM scores

- YOUR FACILITY CY25 (n<5)
- SPECIALIST CY25 (n=89)



## 5AZ2 Discharge FIM scores

- YOUR FACILITY CY25 (n<5)
- SPECIALIST CY25 (n=89)



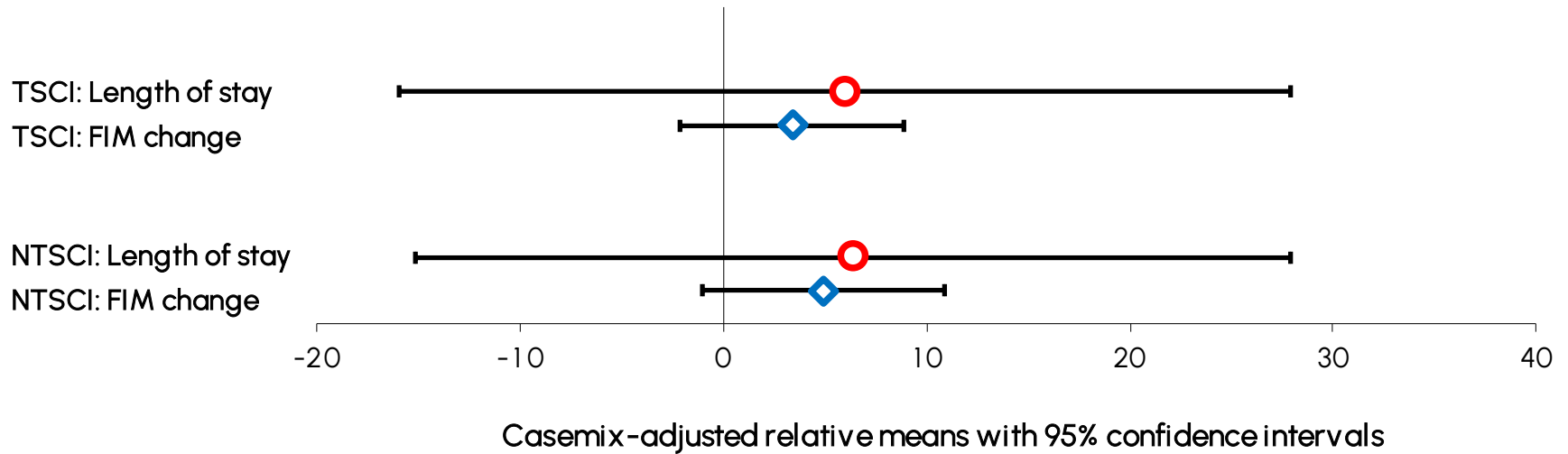
INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report.



# Outcomes analysis



# Casemix-adjusted\* relative means

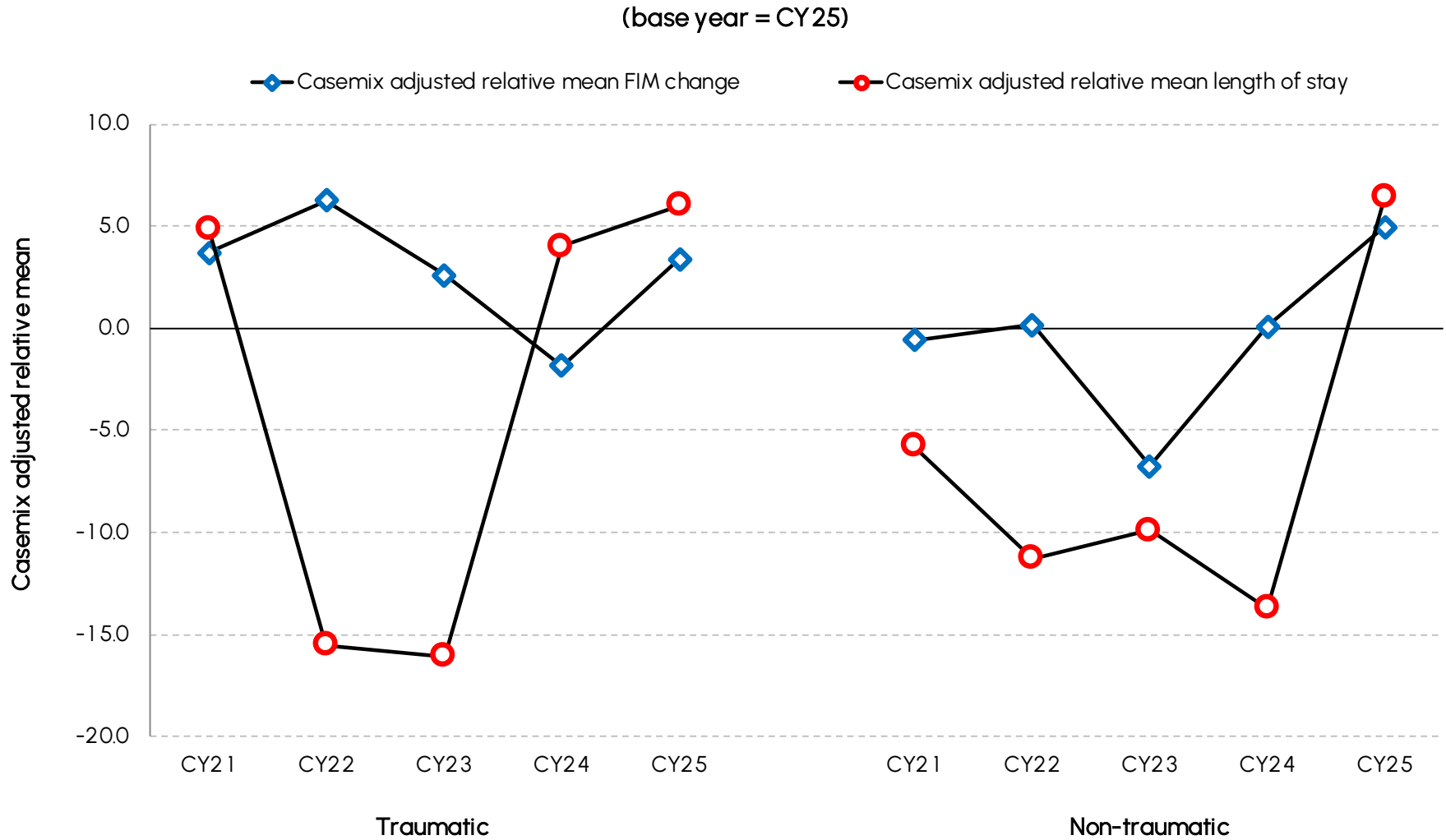


Outcome measure	Traumatic		YOUR FACILITY		Non-traumatic	
	Casemix-adjusted* relative mean	95% CI	Casemix-adjusted* relative mean	95% CI	Casemix-adjusted* relative mean	95% CI
Length of stay	6.0	-15.9 to 27.9	6.4	-15.1 to 27.9	6.4	-15.1 to 27.9
FIM change	3.4	-2.1 to 8.9	5.0	-1.0 to 10.9	5.0	-1.0 to 10.9

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

\*Casemix-adjustment uses specialist unit first admissions calculated separately for TSCI and NTSCI by AN-SNAP class

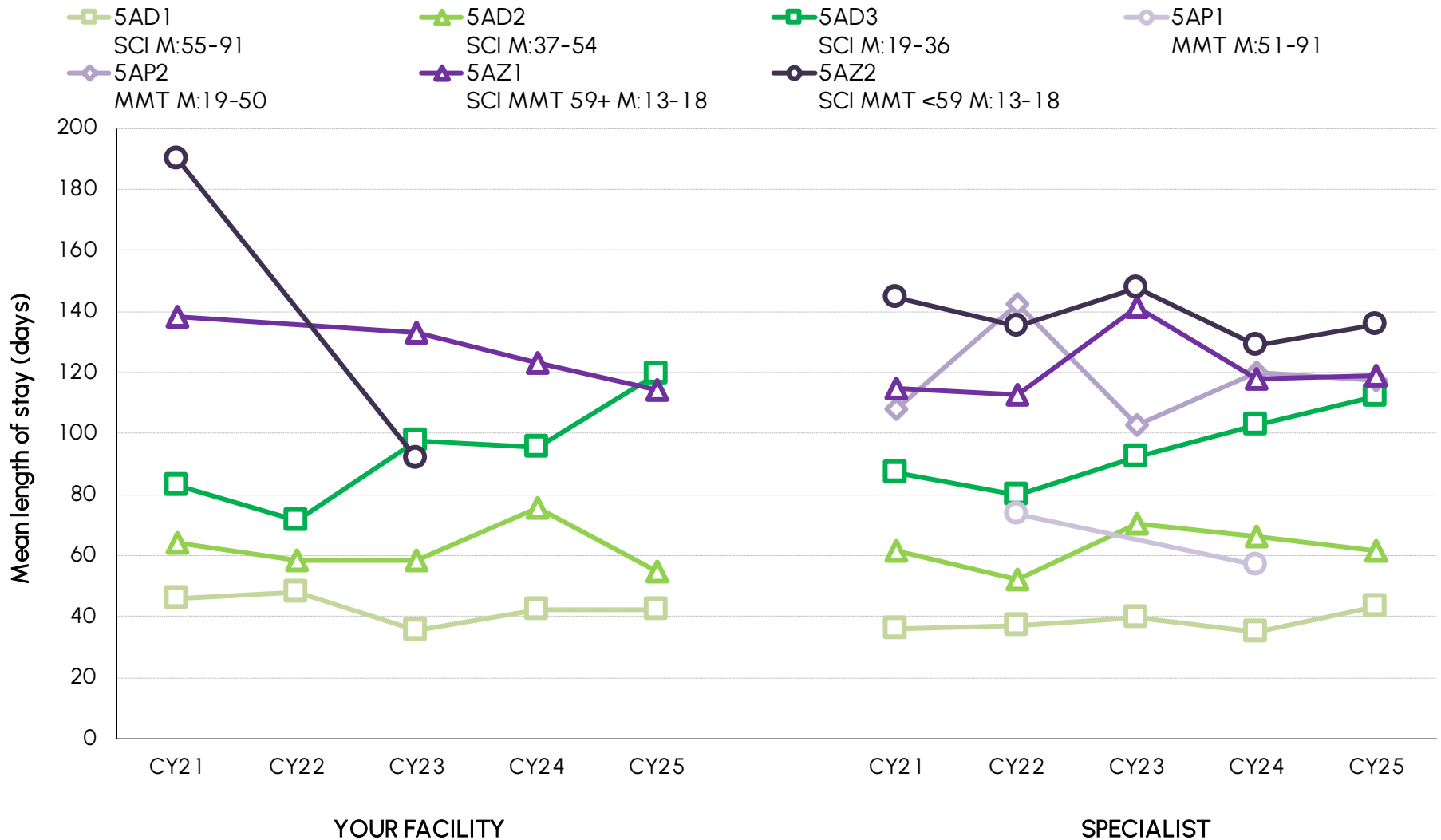
# TSCI and NTSCI casemix-adjusted\* relative means over time



INCLUDES: complete episodes that are first direct care admissions with valid LOS (<=500 days), valid FIM score and a groupable AN-SNAP class (not 599A) with valid casemix data. The definition of a complete episode can be found in the glossary at the end of this report.

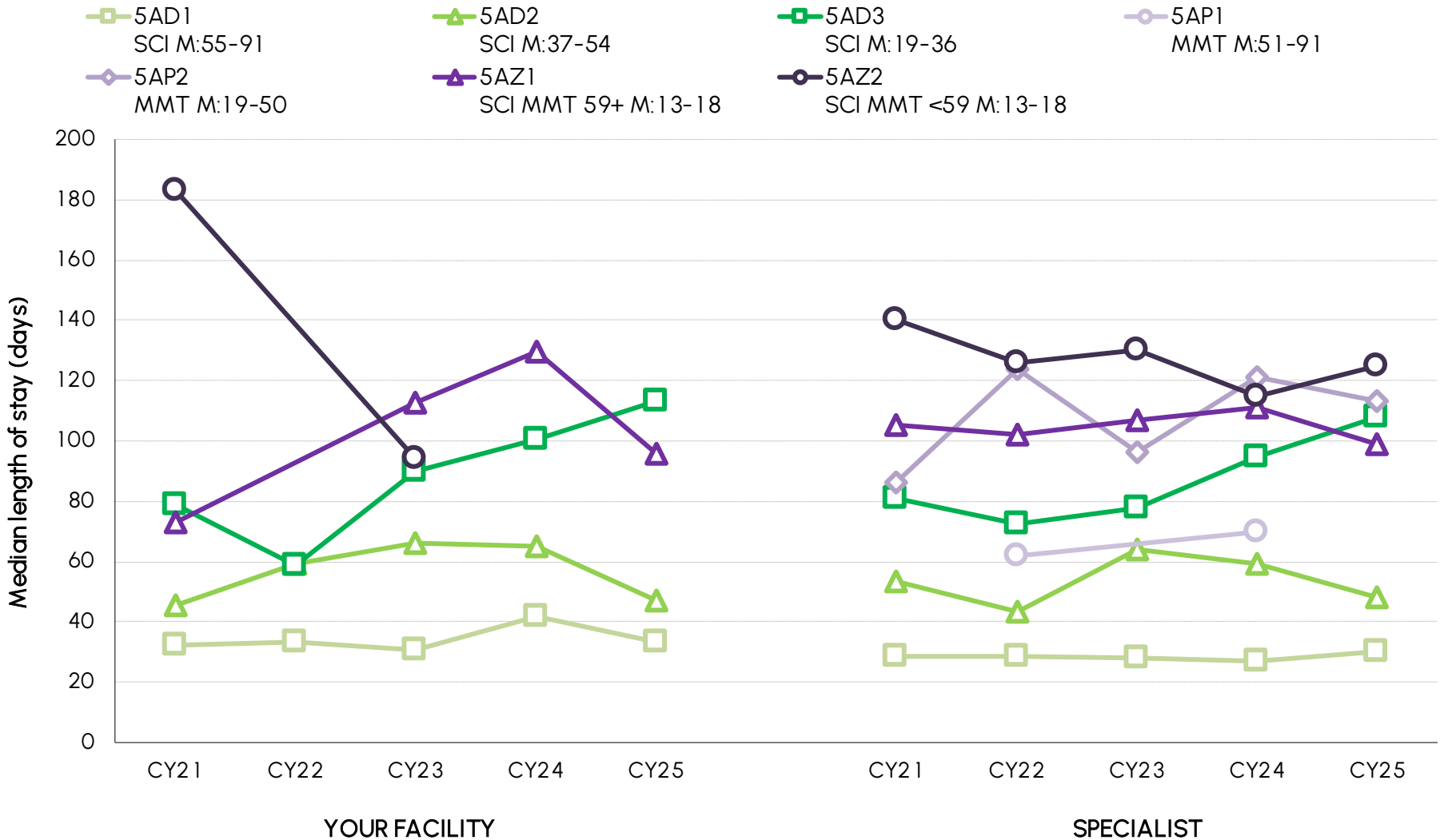
\*Casemix-adjustment uses specialist unit first admissions calculated separately for TSCI and NTSCI by AN-SNAP class

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



INCLUDES: complete episodes that are first direct care admissions 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 at the end of this report.

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



INCLUDES: complete episodes that are first direct care admissions 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 at the end of this report.

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

## MEAN

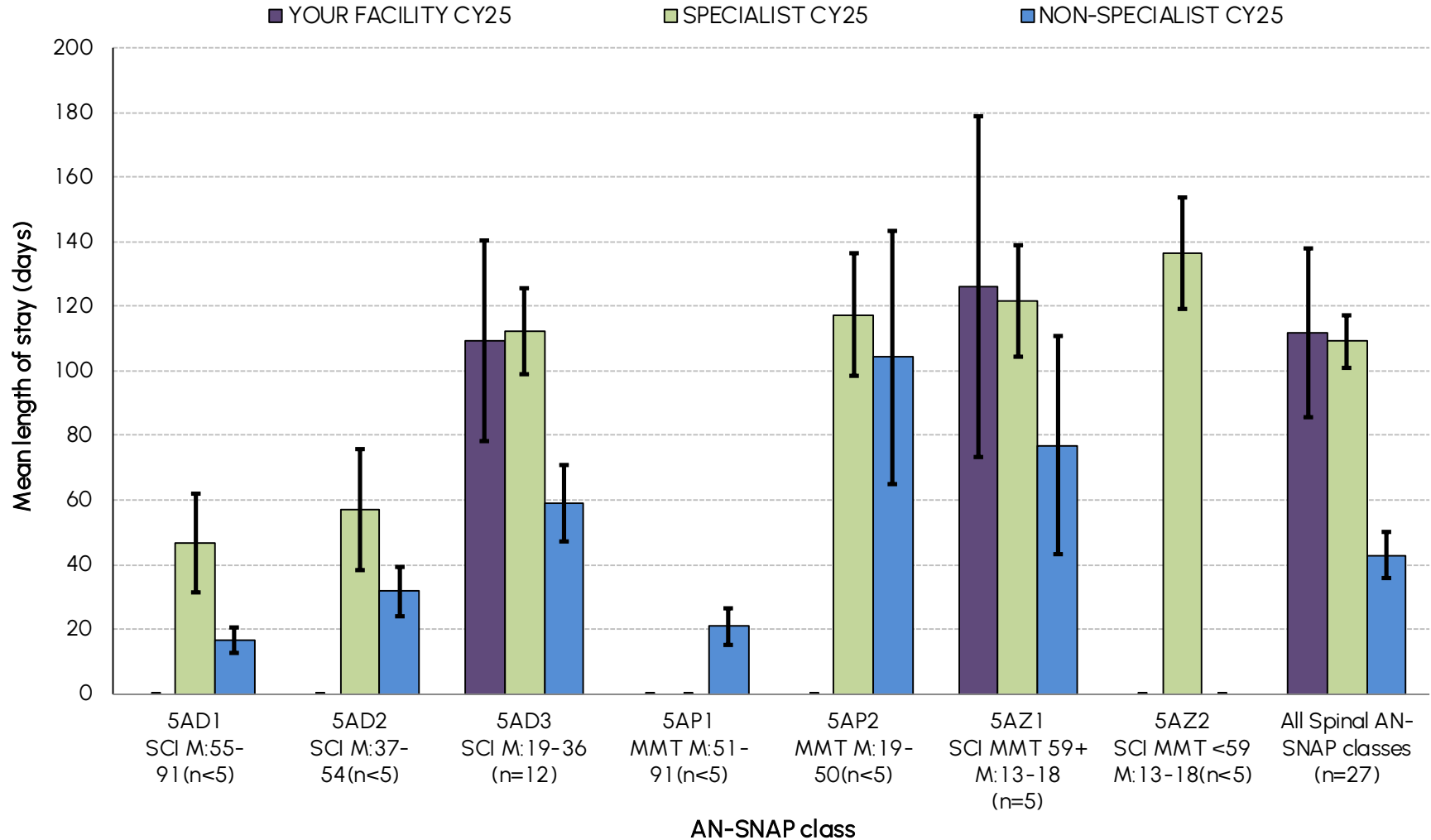
AN-SNAP class	YOUR FACILITY					SPECIALIST					NON-SPECIALIST				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
5AD1 (SCI, Weighted FIM Motor 55 - 91)	45.8	47.8	35.4	42.0	42.2	36.0	36.8	39.8	34.8	43.2	17.7	19.5	18.1	18.2	18.2
5AD2 (SCI, Weighted FIM Motor 37 - 54)	64.4	58.4	58.3	75.7	54.7	61.7	52.4	70.5	66.4	61.6	31.8	31.0	32.9	34.9	32.5
5AD3 (SCI, Weighted FIM Motor 19 - 36)	83.0	71.3	97.4	95.3	119.3	87.2	79.8	92.4	102.6	112.0	49.9	59.8	56.9	57.0	53.8
5AP1 (MMT, Weighted FIM Motor 51 - 91)	—	—	—	—	—	—	73.4	—	56.8	—	26.3	17.1	50.7	36.0	20.8
5AP2 (MMT, Weighted FIM Motor 19 - 50)	—	—	—	—	—	108.2	142.2	102.7	119.9	117.4	44.3	35.6	60.6	49.9	104.2
5AZ1 (SCI or MMT, age ≥ 59, weighted FIM motor 13-18)	138.3	—	133.3	122.9	114.4	115.0	112.6	141.2	118.1	118.7	59.3	73.4	82.0	66.2	67.6
5AZ2 (SCI or MMT, age ≤ 58, weighted FIM motor 13-18)	189.8	—	91.6	—	—	144.4	135.4	147.8	129.0	135.5	36.8	97.9	64.5	98.0	72.6
<b>All Spinal AN-SNAP classes</b>	<b>89.4</b>	<b>85.7</b>	<b>86.6</b>	<b>90.2</b>	<b>104.0</b>	<b>85.0</b>	<b>83.2</b>	<b>95.1</b>	<b>93.1</b>	<b>101.3</b>	<b>34.1</b>	<b>38.7</b>	<b>41.1</b>	<b>37.0</b>	<b>35.5</b>

## MEDIAN

AN-SNAP class	YOUR FACILITY					SPECIALIST					NON-SPECIALIST				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
5AD1 (SCI, Weighted FIM Motor 55 - 91)	32.0	33.5	30.5	42.0	33.5	28.5	28.5	28.0	27.0	30.0	15.0	14.0	15.5	14.0	15.0
5AD2 (SCI, Weighted FIM Motor 37 - 54)	45.5	59.0	66.0	65.0	47.0	53.5	43.5	64.0	59.0	48.0	26.0	26.0	27.0	29.0	28.0
5AD3 (SCI, Weighted FIM Motor 19 - 36)	79.0	58.5	90.0	100.5	113.0	81.0	72.5	78.0	94.5	108.0	41.5	43.0	49.0	49.0	43.0
5AP1 (MMT, Weighted FIM Motor 51 - 91)	—	—	—	—	—	—	62.0	—	70.0	—	19.0	15.5	30.5	31.0	15.5
5AP2 (MMT, Weighted FIM Motor 19 - 50)	—	—	—	—	—	86.0	124.0	96.0	121.0	113.0	49.0	37.0	40.0	39.0	91.0
5AZ1 (SCI or MMT, age ≥ 59, weighted FIM motor 13-18)	73.0	—	112.5	129.5	95.5	105.0	102.0	107.0	111.0	99.0	51.0	67.0	73.0	49.0	50.0
5AZ2 (SCI or MMT, age ≤ 58, weighted FIM motor 13-18)	183.0	—	94.0	—	—	140.0	126.0	130.0	115.0	125.0	43.0	83.0	62.0	95.0	72.0
<b>All Spinal AN-SNAP classes</b>	<b>70.0</b>	<b>65.0</b>	<b>74.0</b>	<b>83.0</b>	<b>98.0</b>	<b>72.0</b>	<b>72.0</b>	<b>78.0</b>	<b>84.0</b>	<b>91.0</b>	<b>24.5</b>	<b>25.0</b>	<b>28.0</b>	<b>26.0</b>	<b>25.0</b>

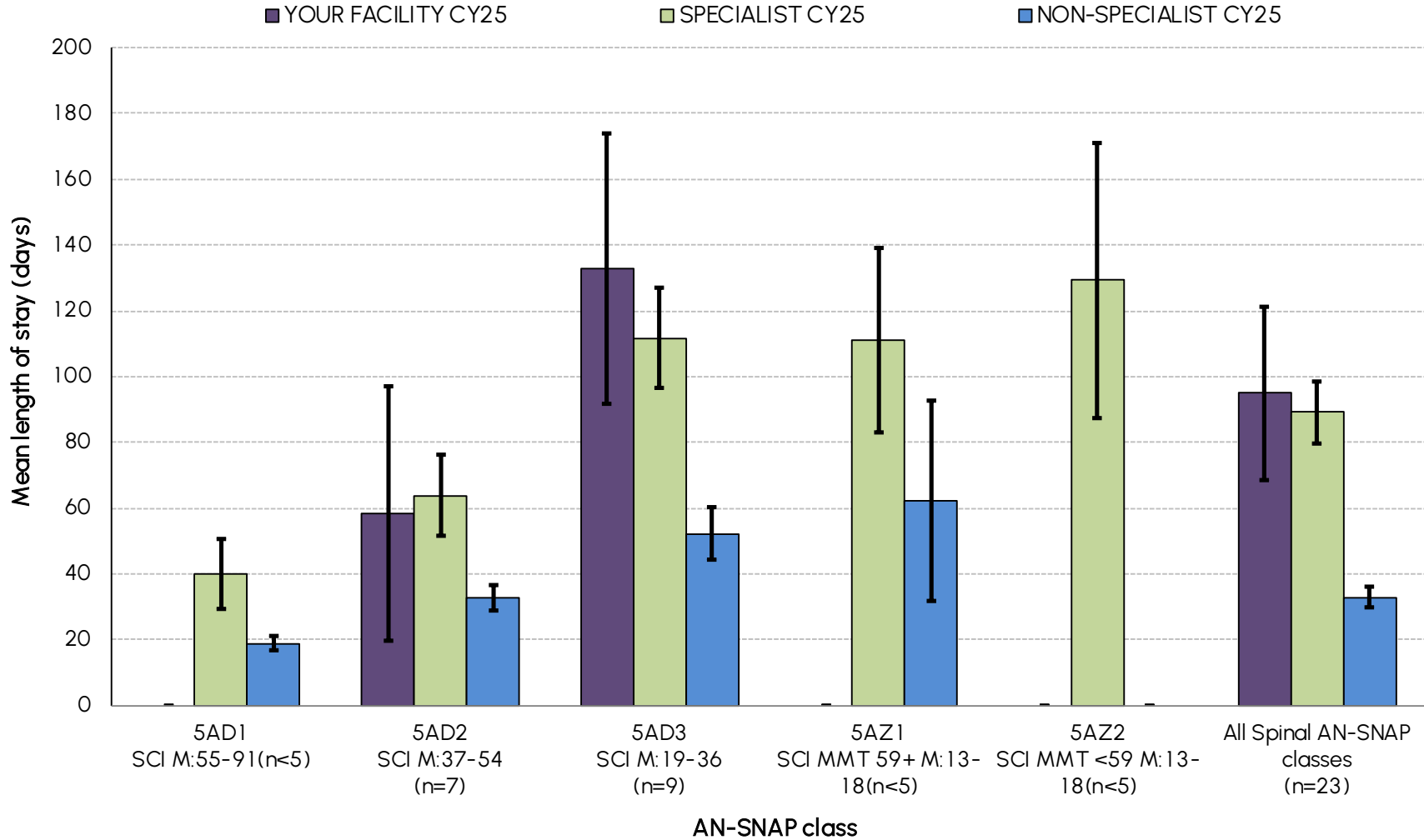
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<=500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# TSCI mean length of stay by AN-SNAP class



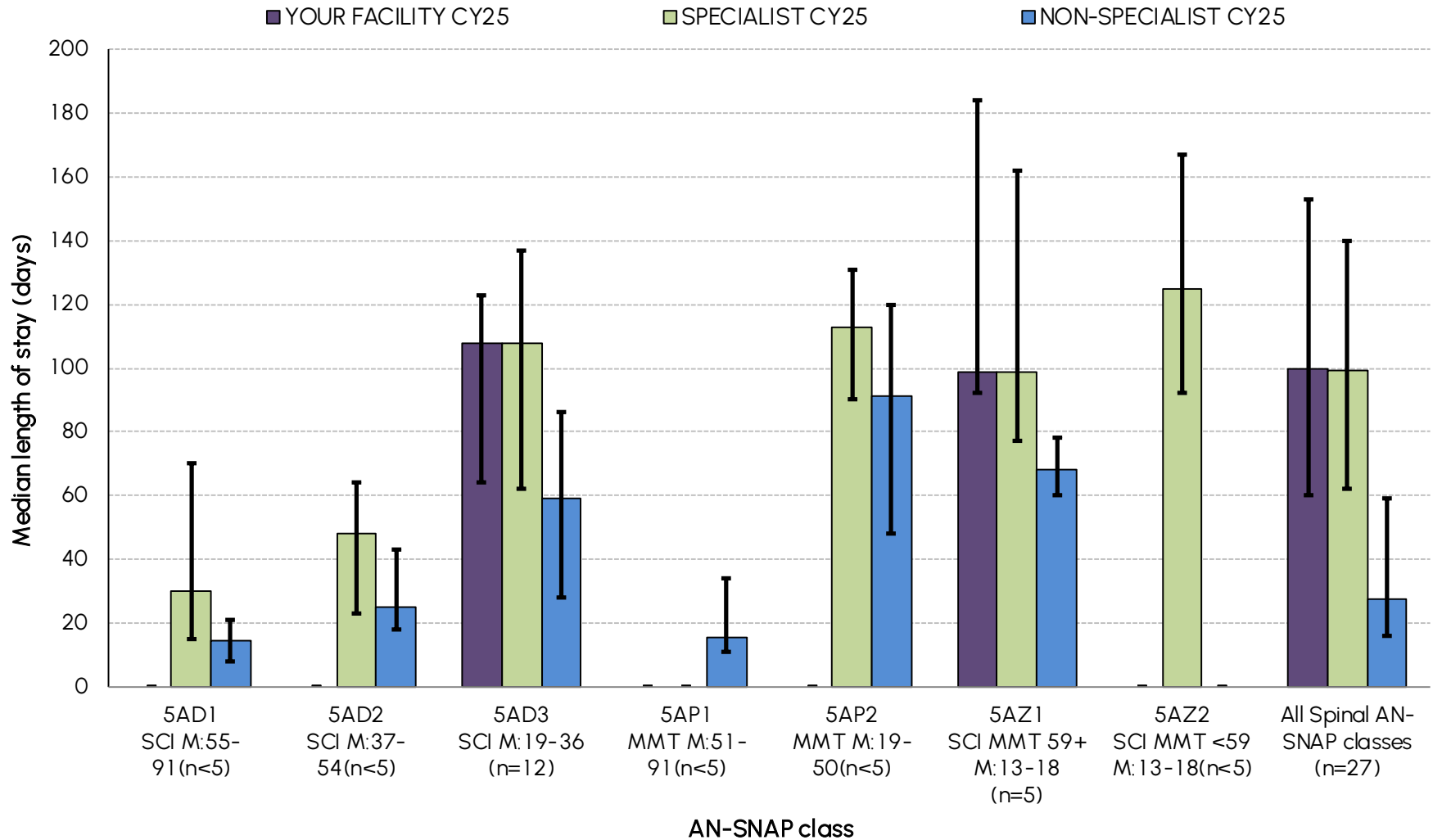
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# NTSCI mean length of stay by AN-SNAP class



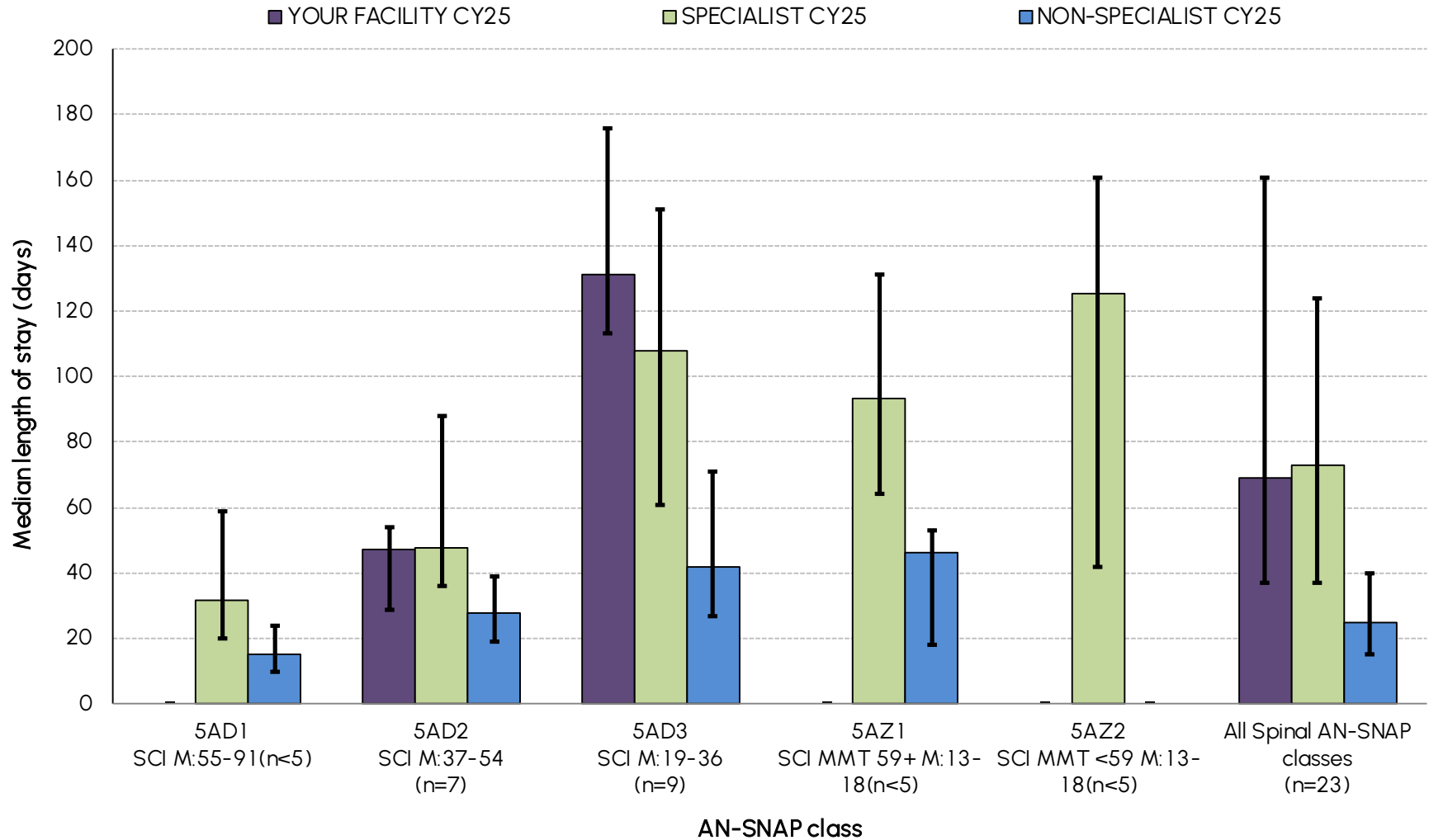
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# TSCI median length of stay by AN-SNAP class



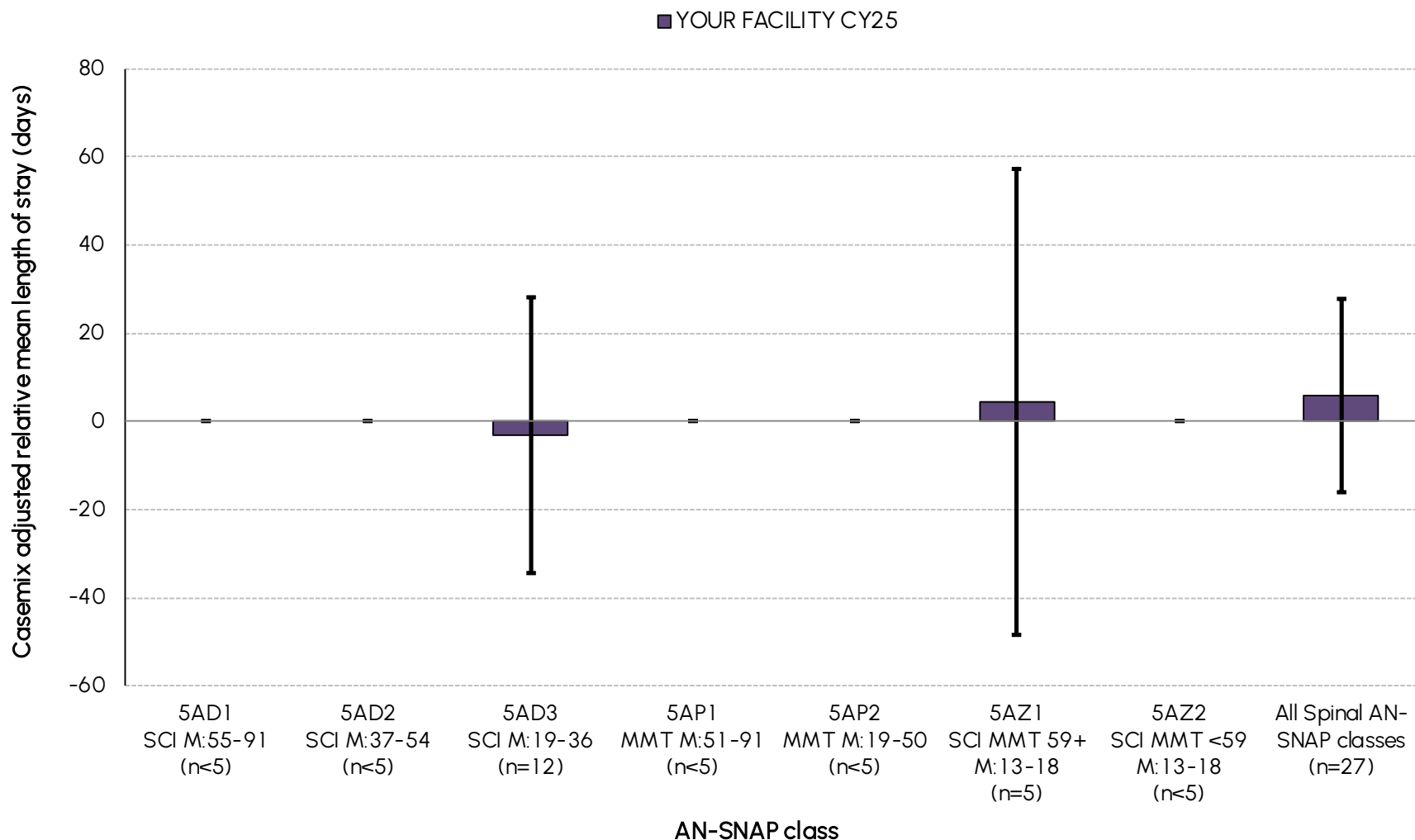
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# NTSCI median length of stay by AN-SNAP class



INCLUDES: complete episodes that are first direct care admissions 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 at the end of this report.

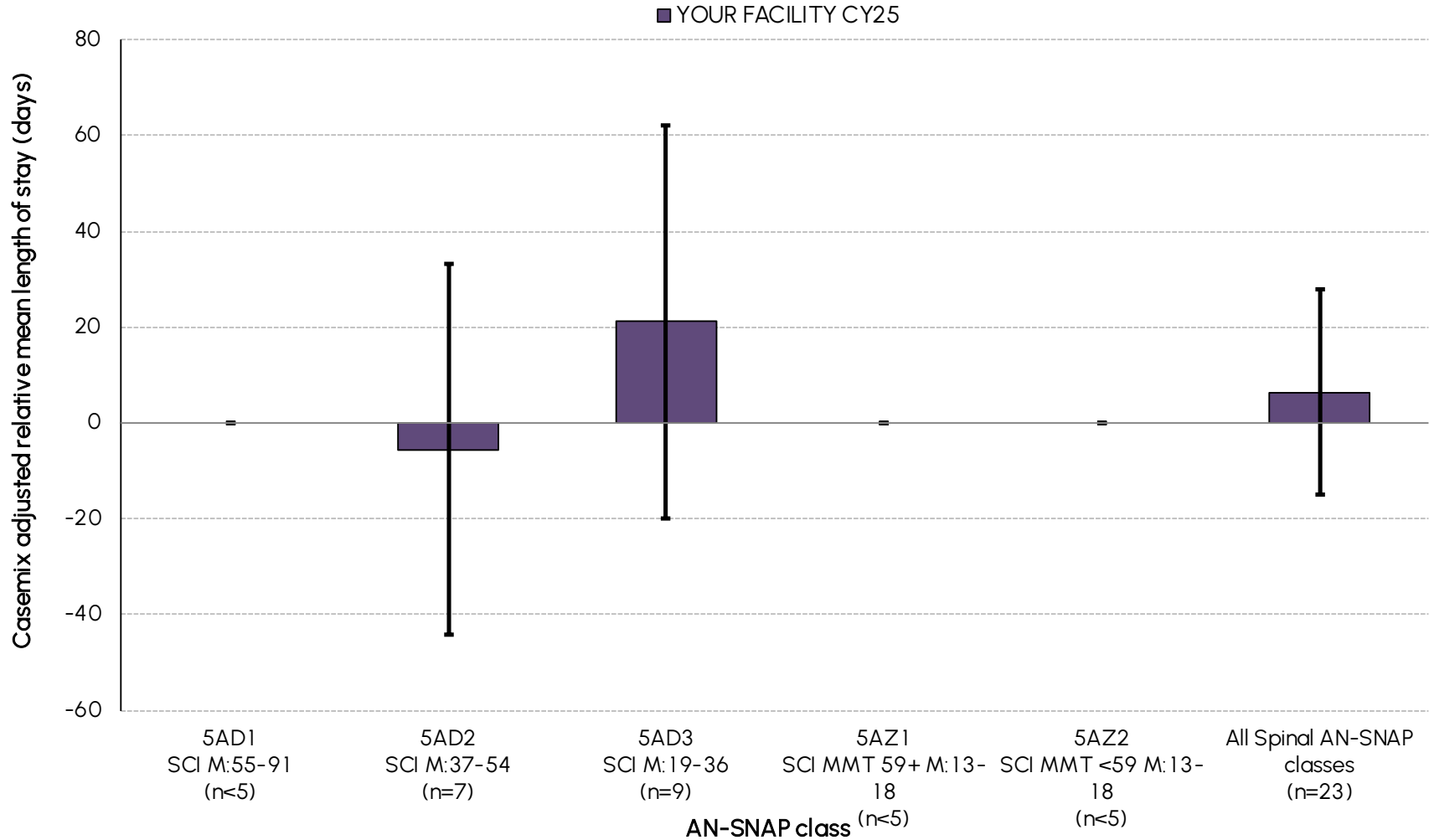
# TSCI casemix-adjusted\* relative mean length of stay by AN-SNAP class



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

\*Casemix-adjustment uses specialist unit first admissions calculated separately for TSCI and NTSCI by AN-SNAP class

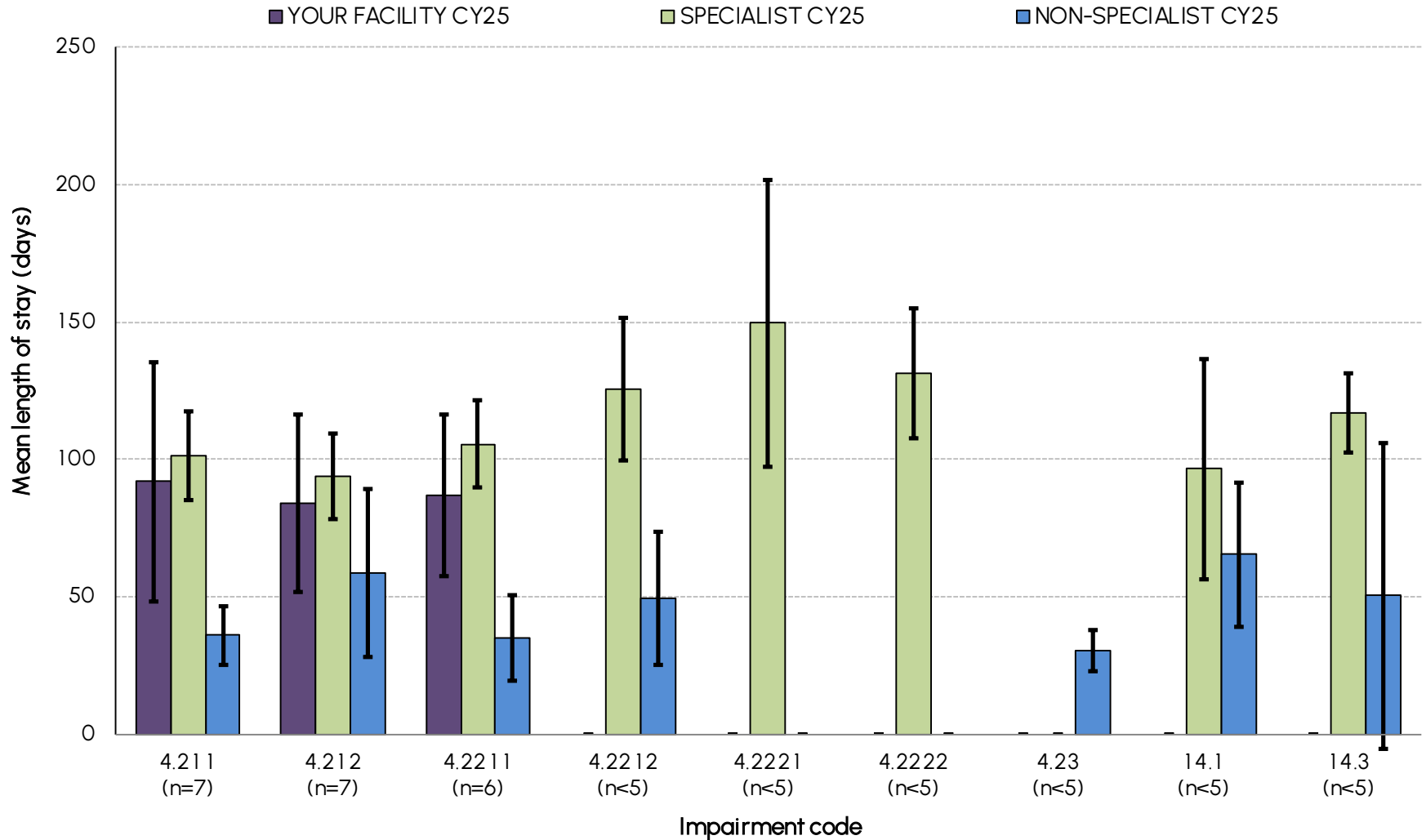
# NTSCI casemix-adjusted\* relative mean length of stay by AN-SNAP class



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

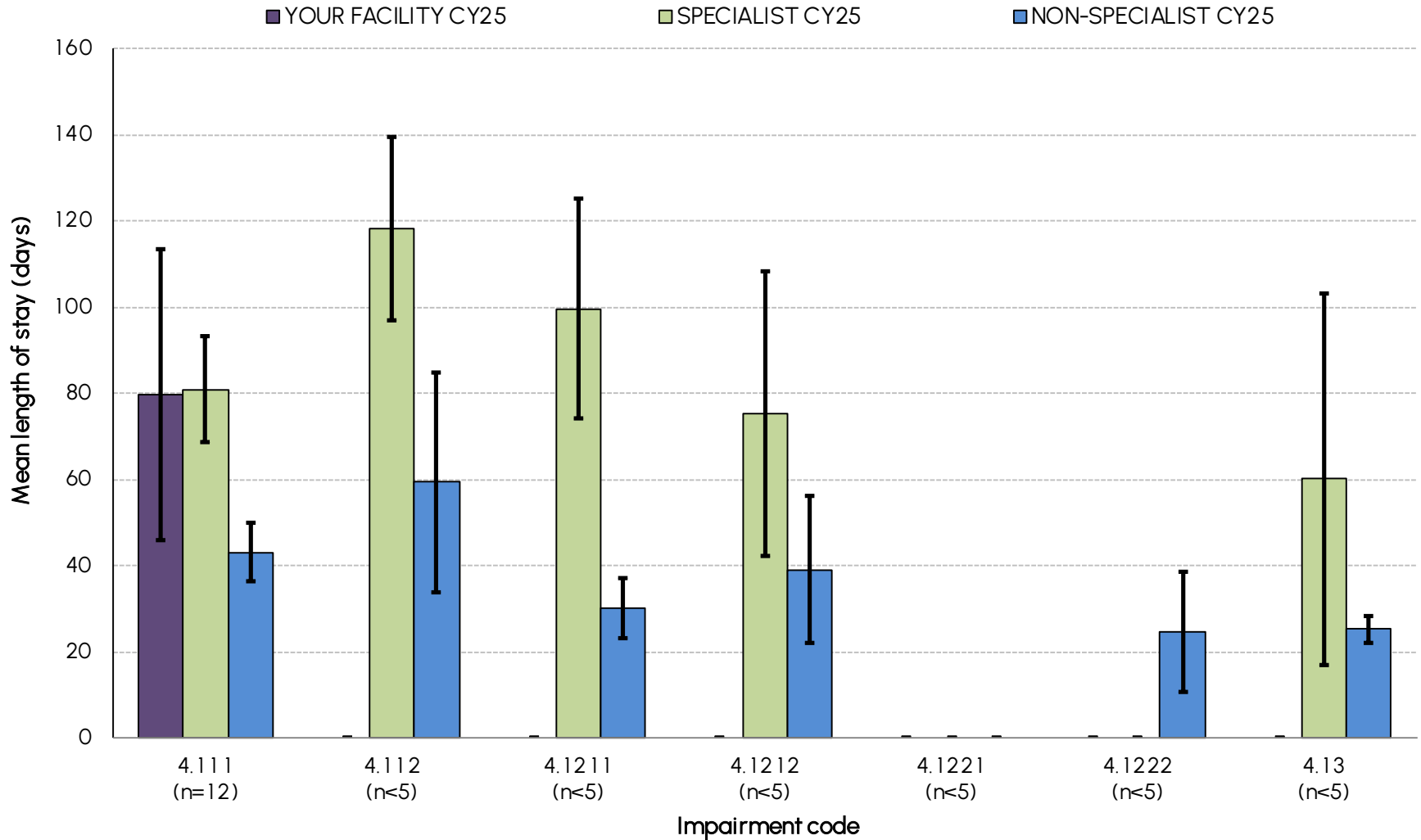
\*Casemix-adjustment uses specialist unit first admissions calculated separately for TSCI and NTSCI by AN-SNAP class

# TSCI mean length of stay by impairment code



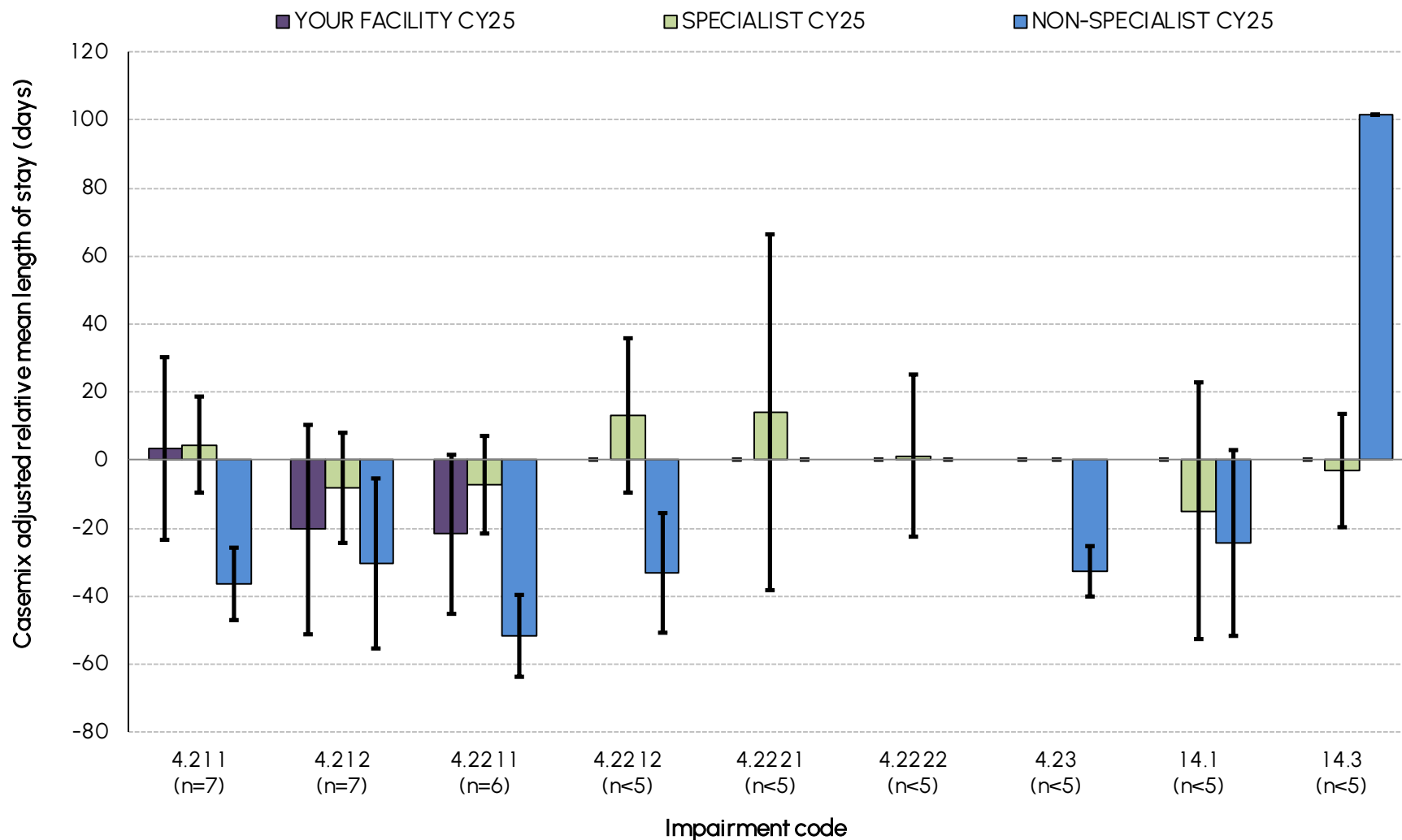
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# NTSCI mean length of stay by impairment code



INCLUDES: complete episodes that are first direct care admissions 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 at the end of this report.

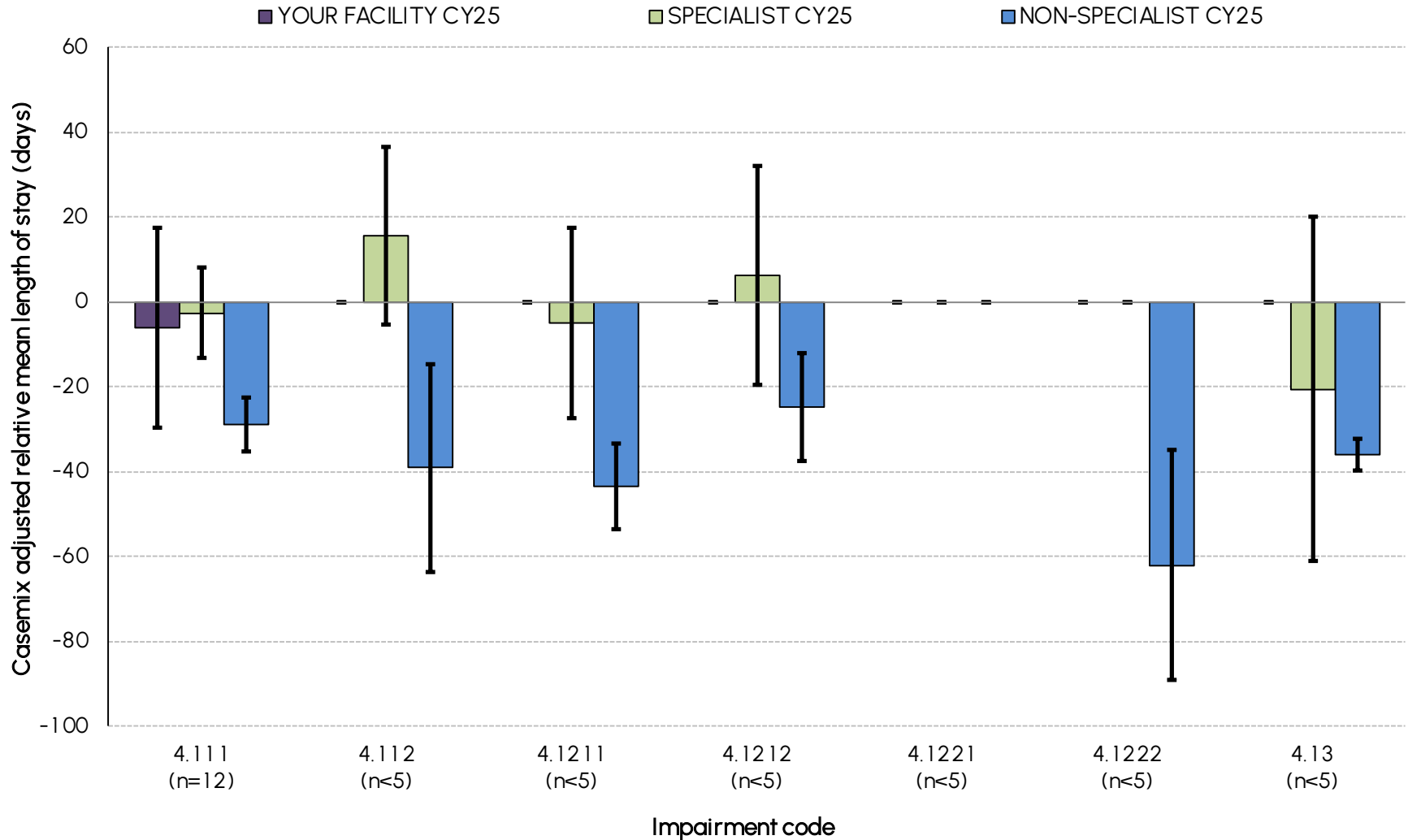
# TSCI casemix-adjusted\* relative mean length of stay by impairment code



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

\*Casemix-adjustment uses specialist unit first admissions calculated separately for TSCI and NTSCI by AN-SNAP class

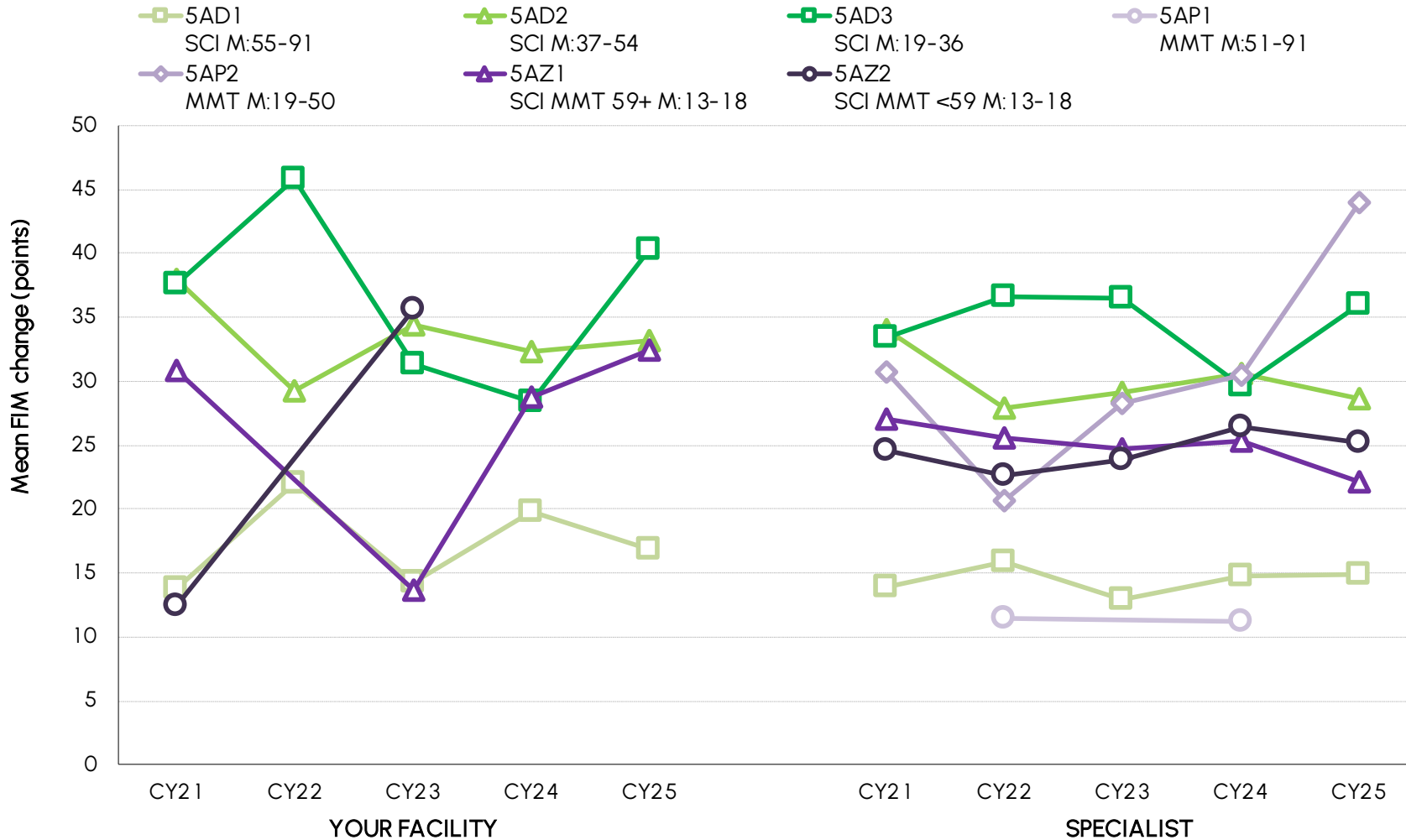
# NTSCI casemix-adjusted\* relative mean length of stay by impairment code



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

\*Casemix-adjustment uses specialist unit first admissions calculated separately for TSCI and NTSCI by AN-SNAP class

# Mean FIM change by AN-SNAP class over time



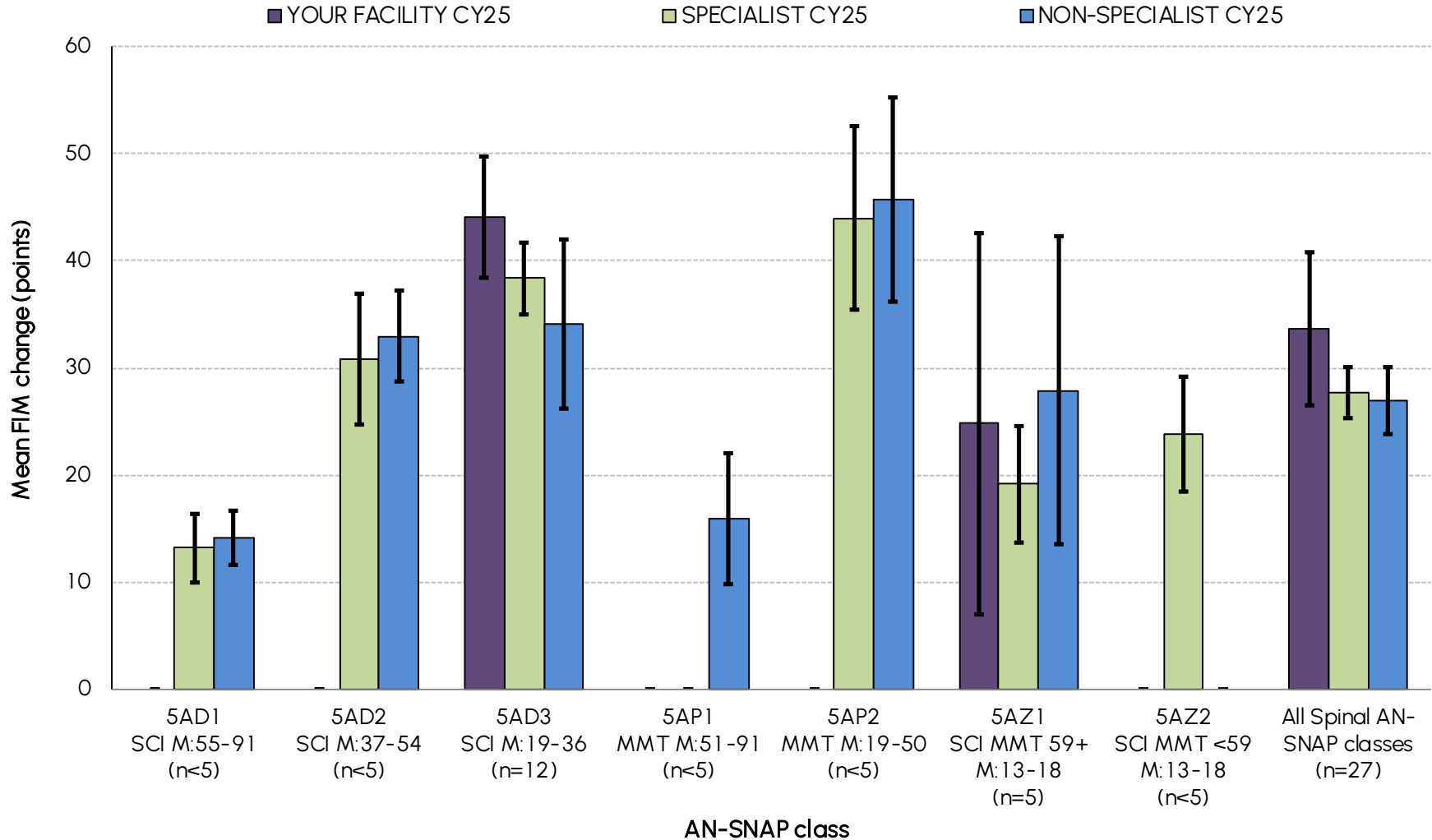
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<=500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# Mean FIM change by AN-SNAP class over time

AN-SNAP class	YOUR FACILITY					SPECIALIST					NON-SPECIALIST				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
5AD1 (SCI, Weighted FIM Motor 55 - 91)	13.8	22.0	14.3	19.8	16.8	13.9	15.9	12.9	14.8	14.9	15.2	16.1	15.6	15.9	16.5
5AD2 (SCI, Weighted FIM Motor 37 - 54)	38.0	29.3	34.4	32.3	33.2	34.1	28.0	29.2	30.5	28.6	27.8	28.1	30.5	29.4	28.9
5AD3 (SCI, Weighted FIM Motor 19 - 36)	37.6	45.9	31.3	28.4	40.3	33.4	36.7	36.5	29.6	36.0	27.8	29.1	30.6	30.8	32.4
5AP1 (MMT, Weighted FIM Motor 51 - 91)	—	—	—	—	—	—	11.4	—	11.2	—	24.4	19.5	24.9	24.6	15.9
5AP2 (MMT, Weighted FIM Motor 19 - 50)	—	—	—	—	—	30.7	20.6	28.2	30.4	44.0	39.6	50.3	38.7	43.2	45.8
5AZ1 (SCI or MMT, age ≥ 59, weighted FIM motor 13-18)	30.8	—	13.6	28.8	32.5	27.0	25.6	24.7	25.4	22.2	26.9	26.1	28.6	29.6	21.9
5AZ2 (SCI or MMT, age ≤ 58, weighted FIM motor 13-18)	12.4	—	35.6	—	—	24.6	22.7	23.9	26.4	25.2	28.4	31.9	28.6	19.7	40.2
<b>All Spinal AN-SNAP classes</b>	<b>28.7</b>	<b>32.9</b>	<b>27.3</b>	<b>27.1</b>	<b>33.7</b>	<b>27.8</b>	<b>28.6</b>	<b>27.4</b>	<b>26.2</b>	<b>28.0</b>	<b>23.5</b>	<b>25.0</b>	<b>26.0</b>	<b>25.0</b>	<b>24.8</b>

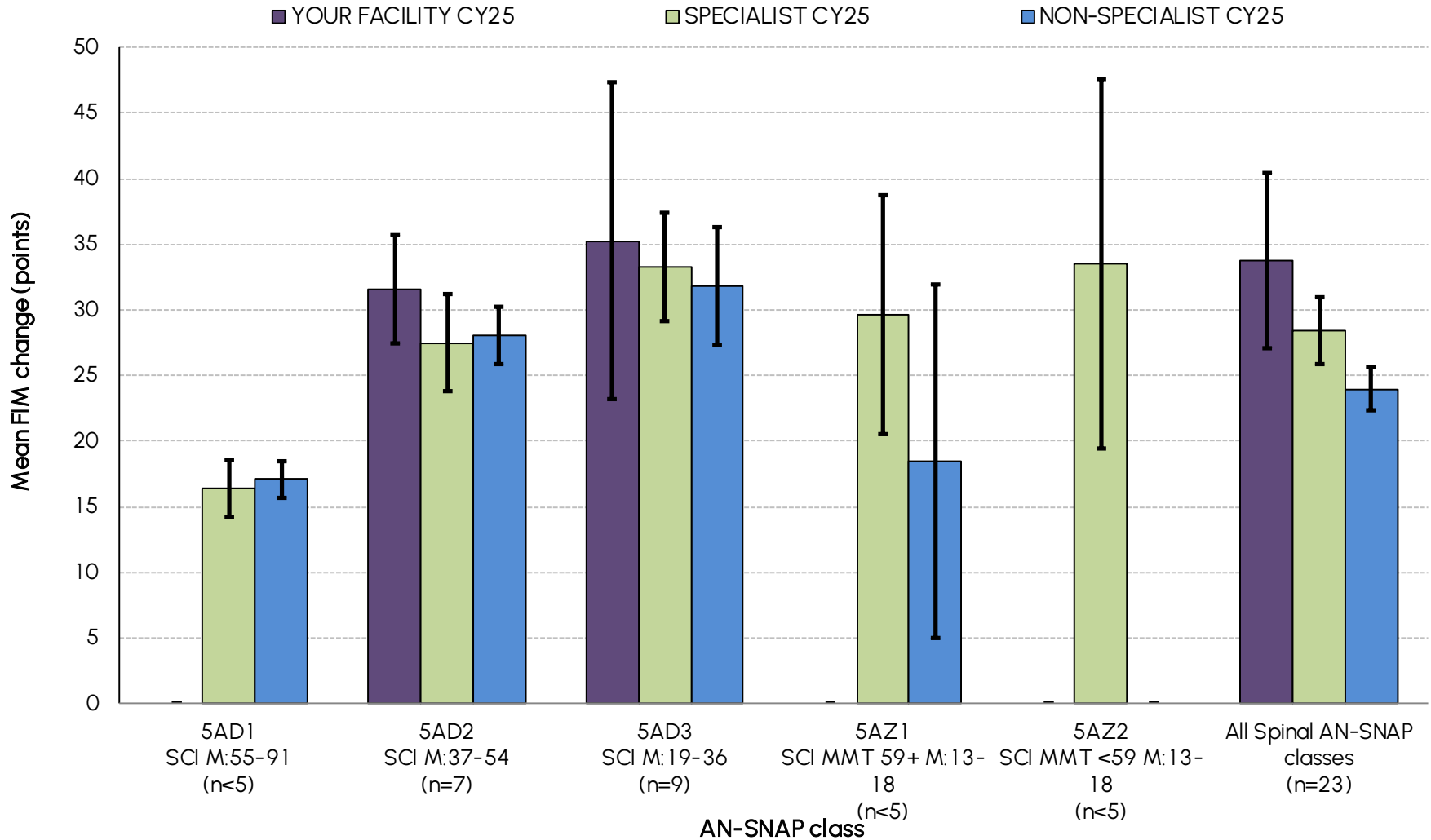
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<=500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# TSCI mean FIM change by AN-SNAP class



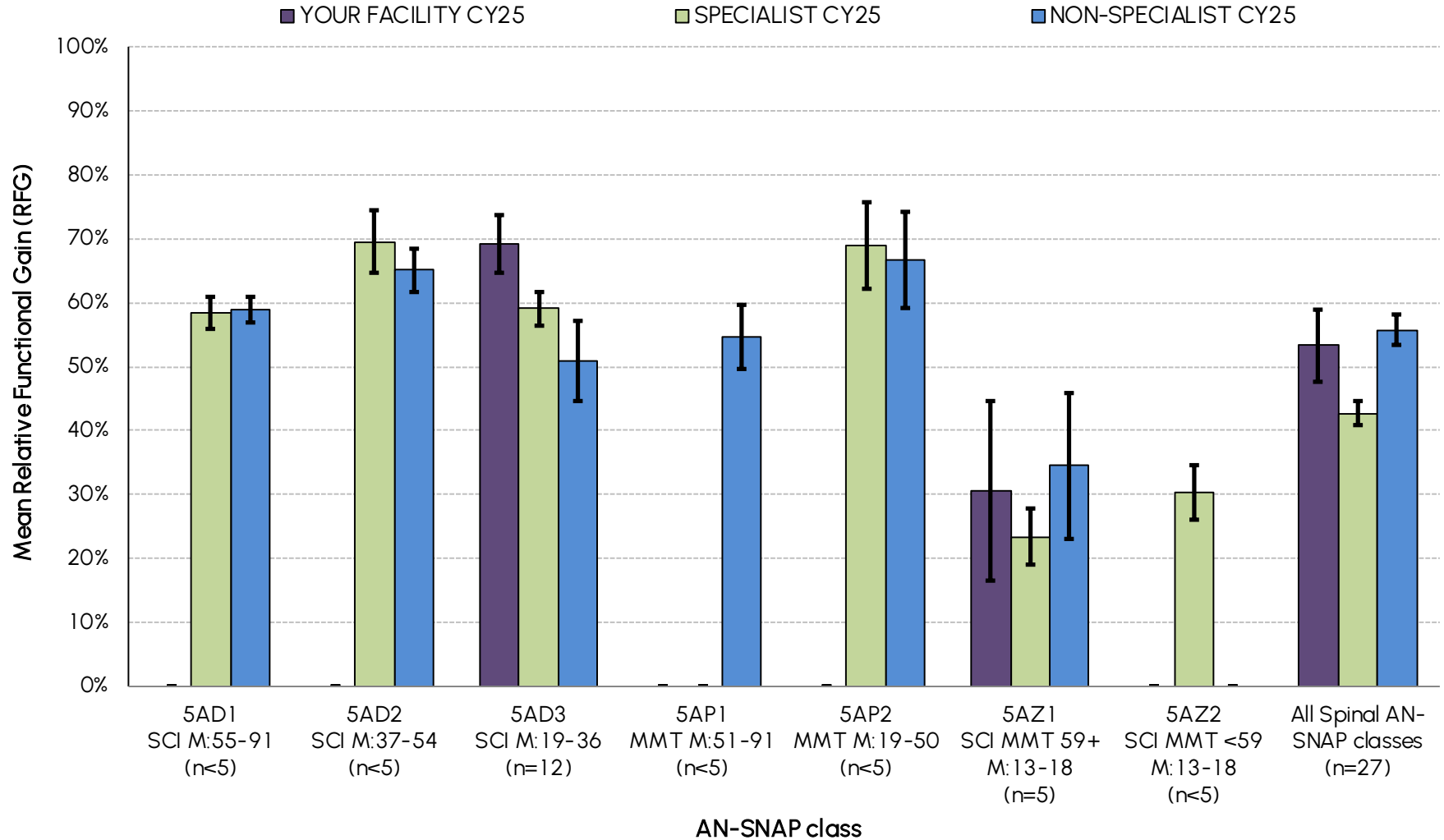
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# NTSCI mean FIM change by AN-SNAP class



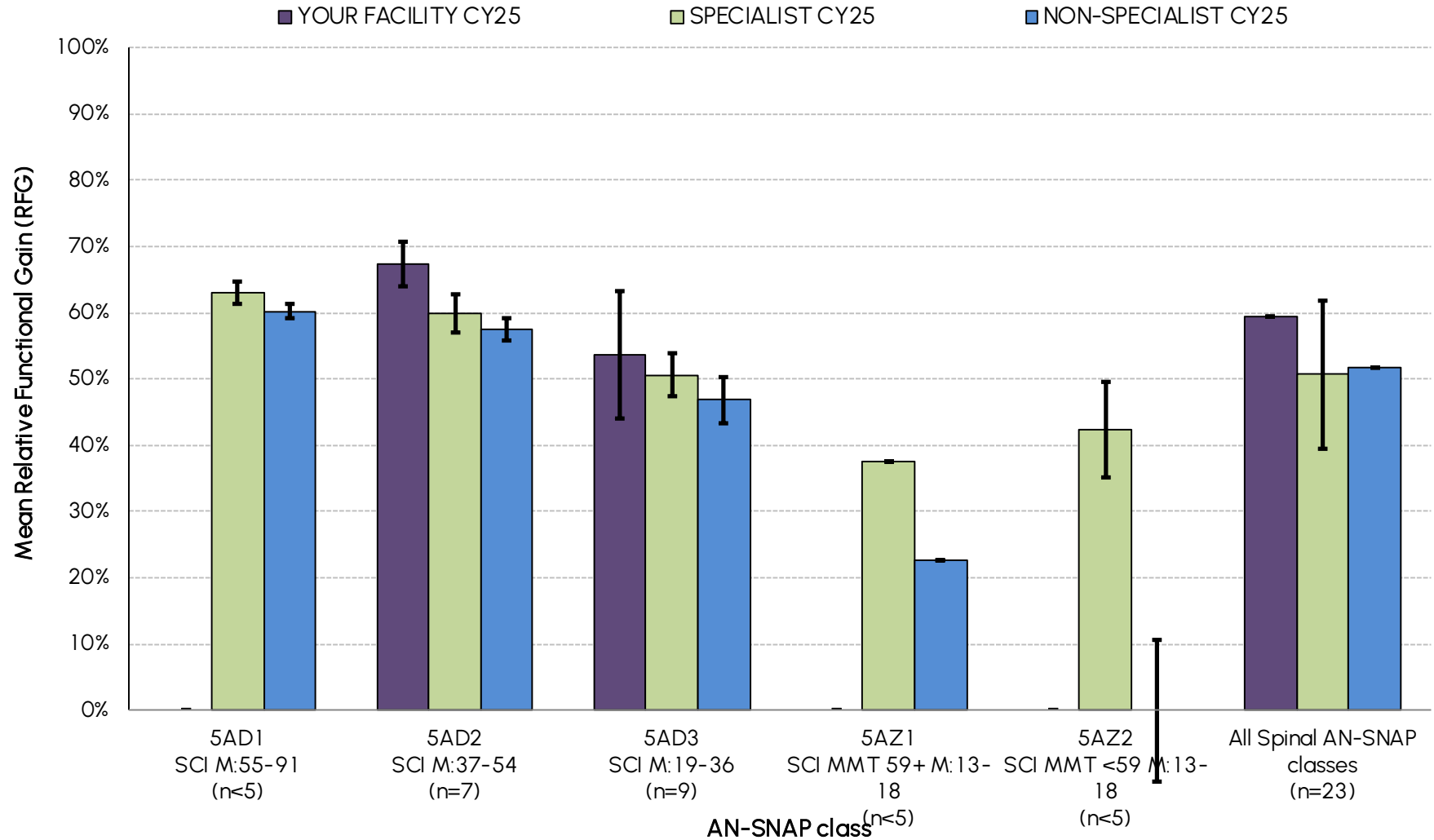
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# TSCI mean relative functional gain by AN-SNAP class



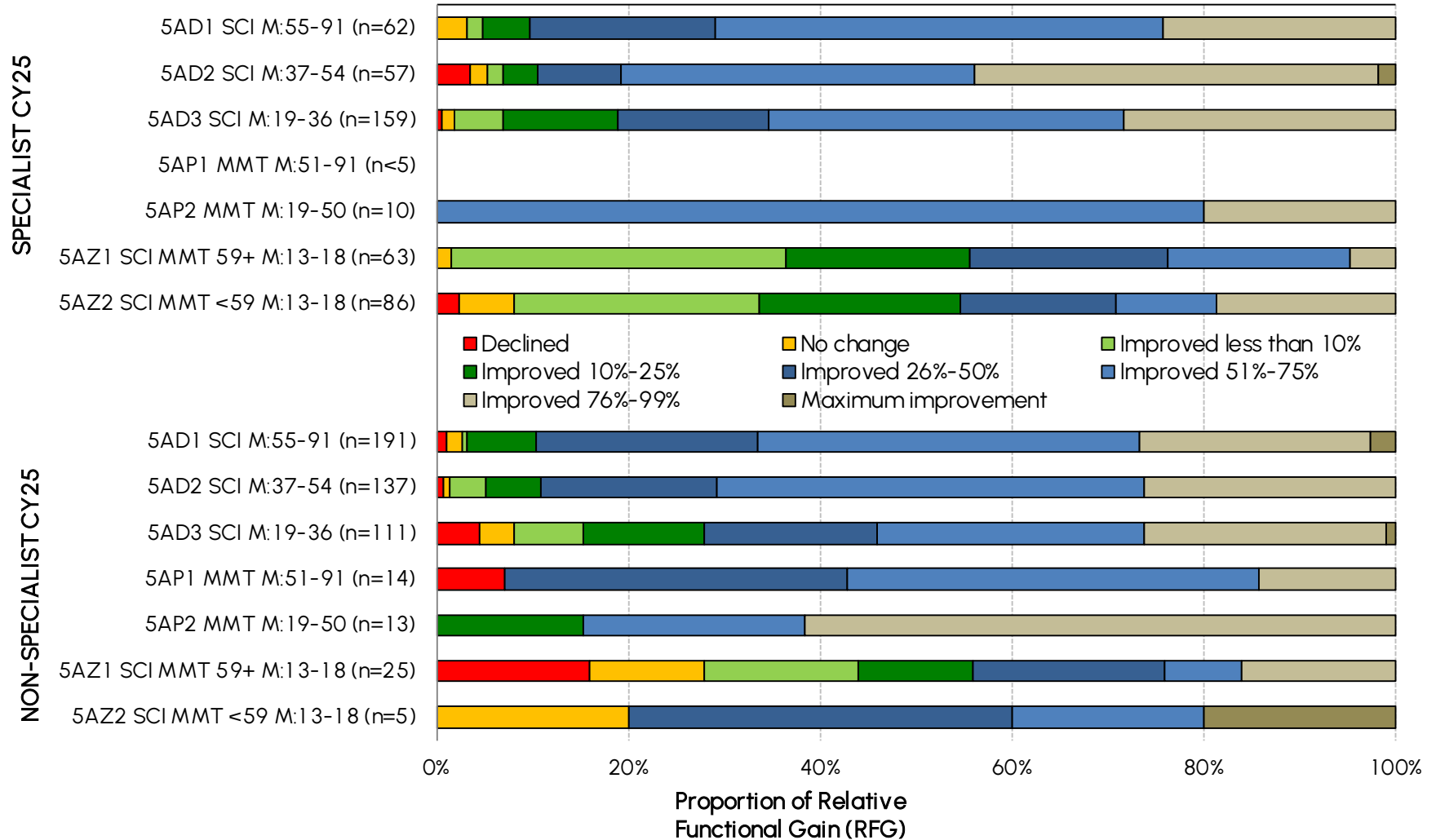
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# NTSCI mean relative functional gain by AN-SNAP class



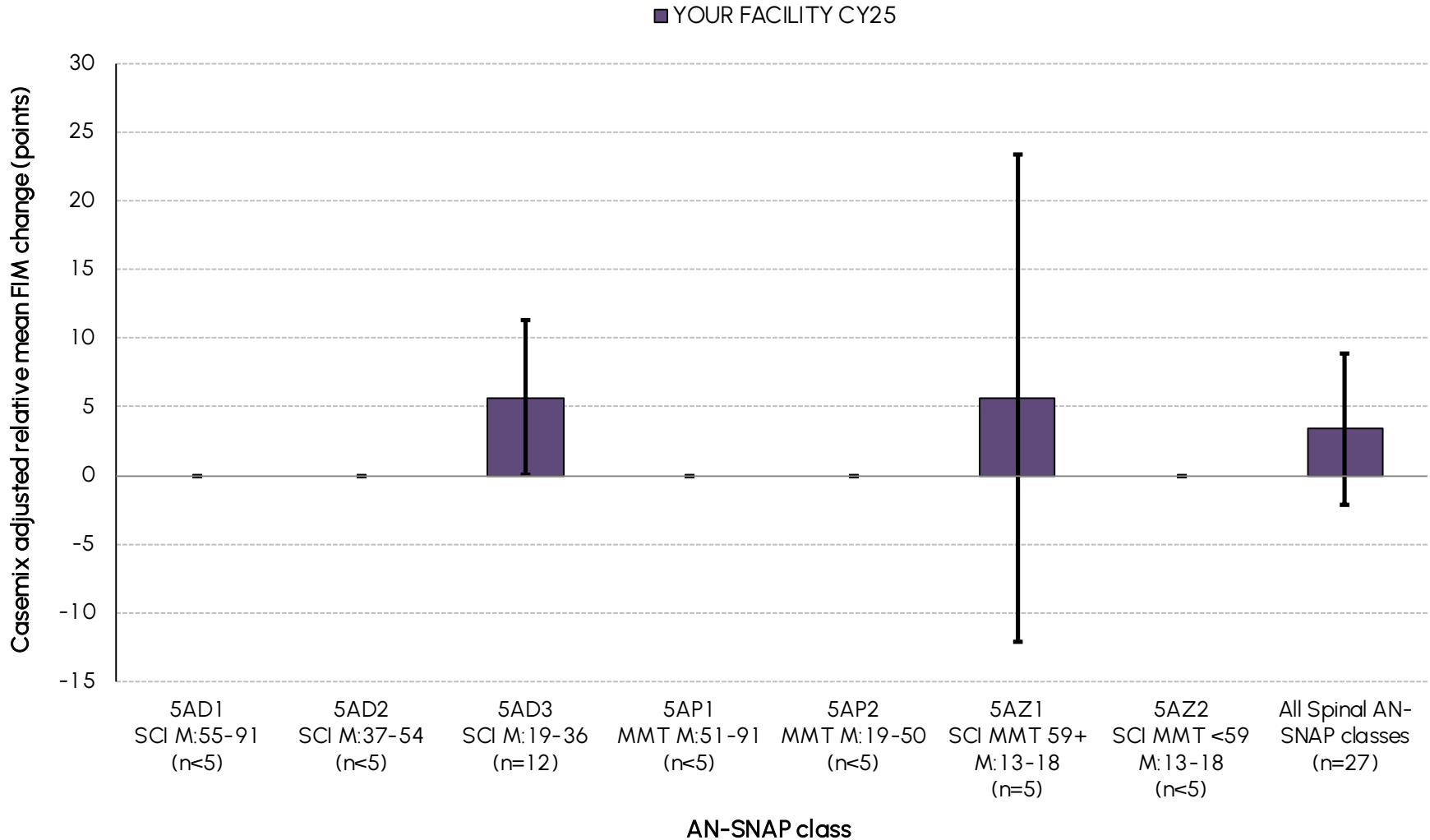
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# Relative functional gain by AN-SNAP class



INCLUDES: complete episodes that are first direct care admissions 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 at the end of this report.

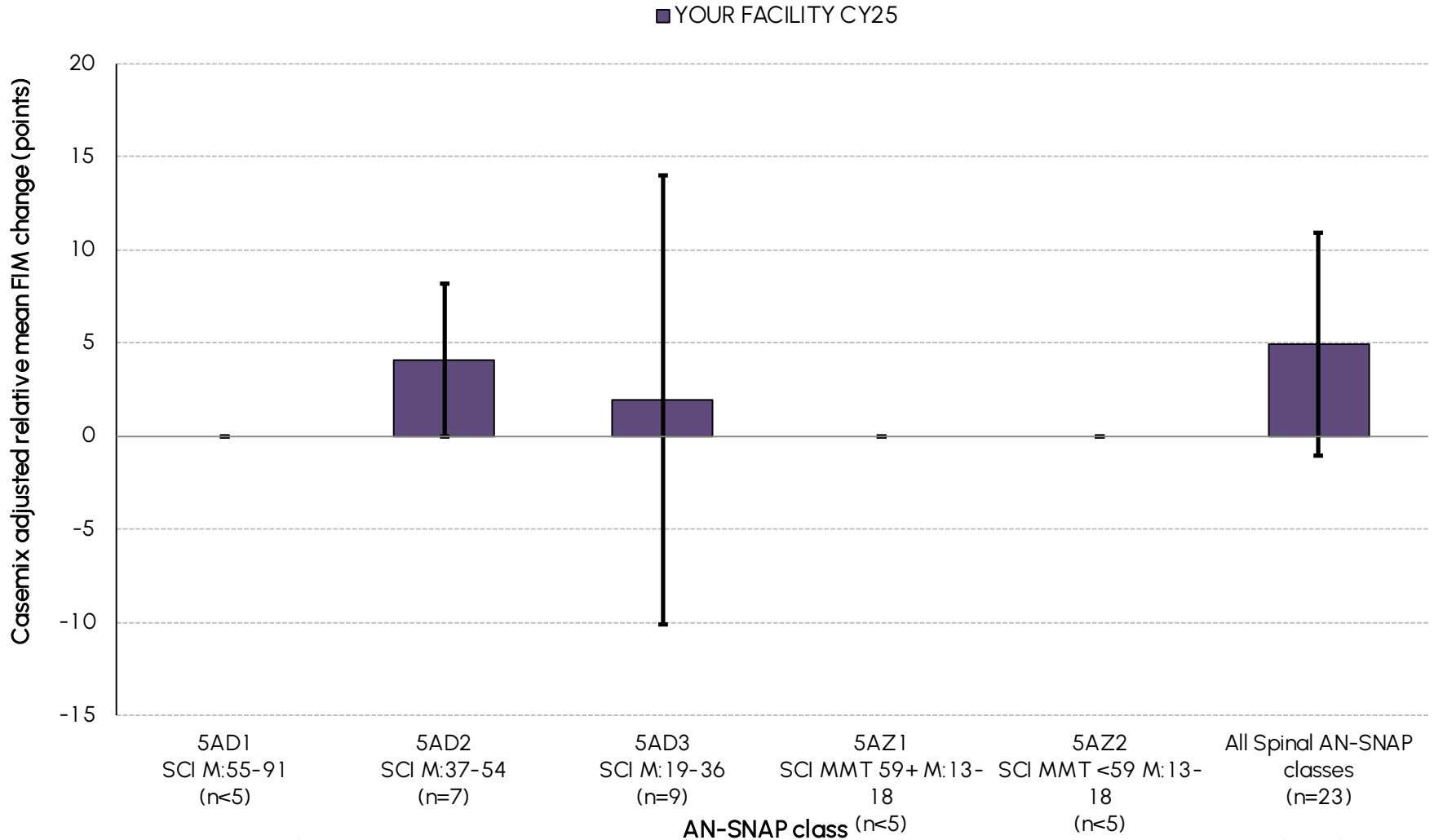
# TSCI casemix-adjusted\* relative mean FIM change by AN-SNAP class



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

\*Casemix-adjustment uses specialist unit first admissions calculated separately for TSCI and NTSCI by AN-SNAP class

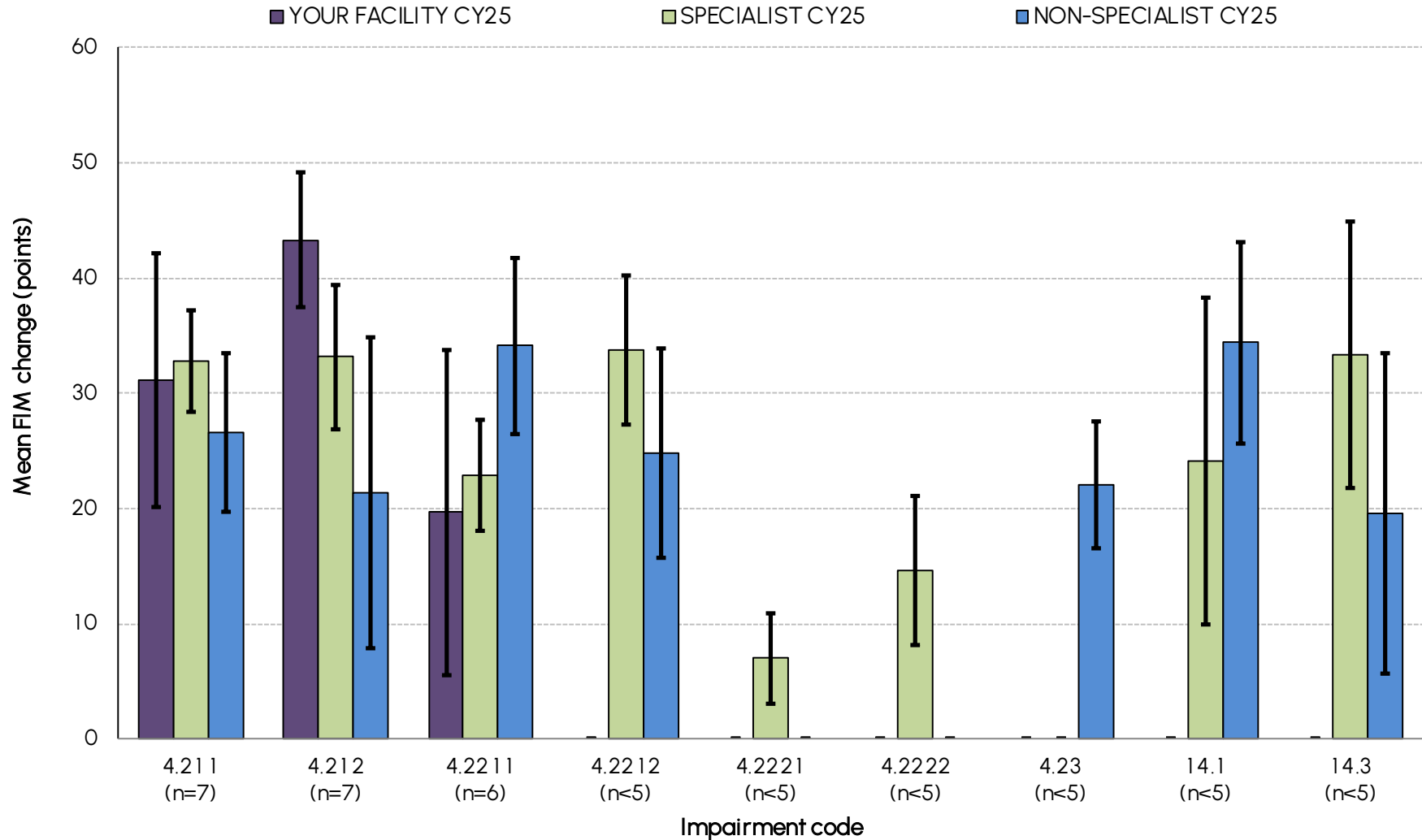
# NTSCI casemix-adjusted\* relative mean FIM change by AN-SNAP class



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

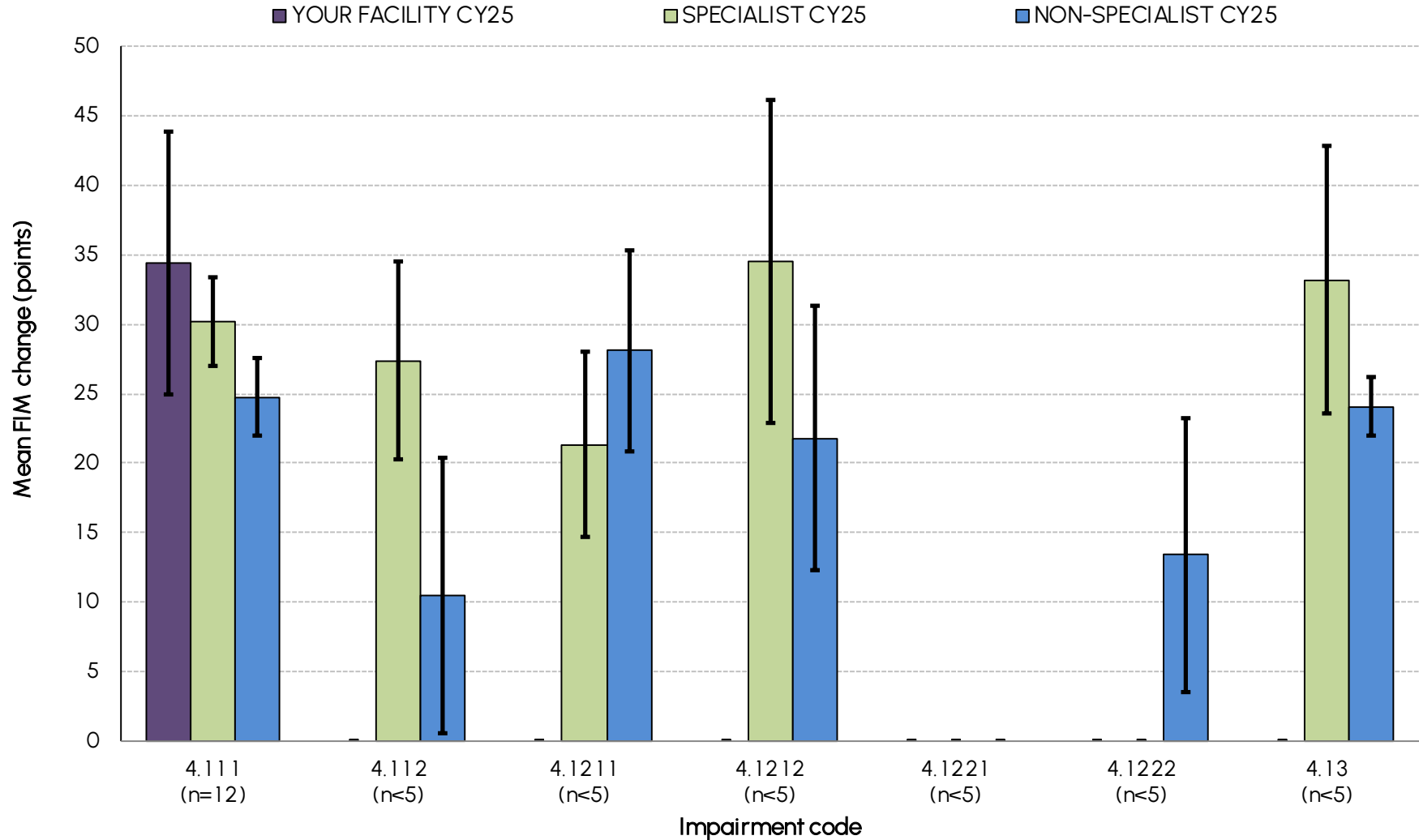
\*Casemix-adjustment uses specialist unit first admissions calculated separately for TSCI and NTSCI by AN-SNAP class

# TSCI mean FIM change by impairment code



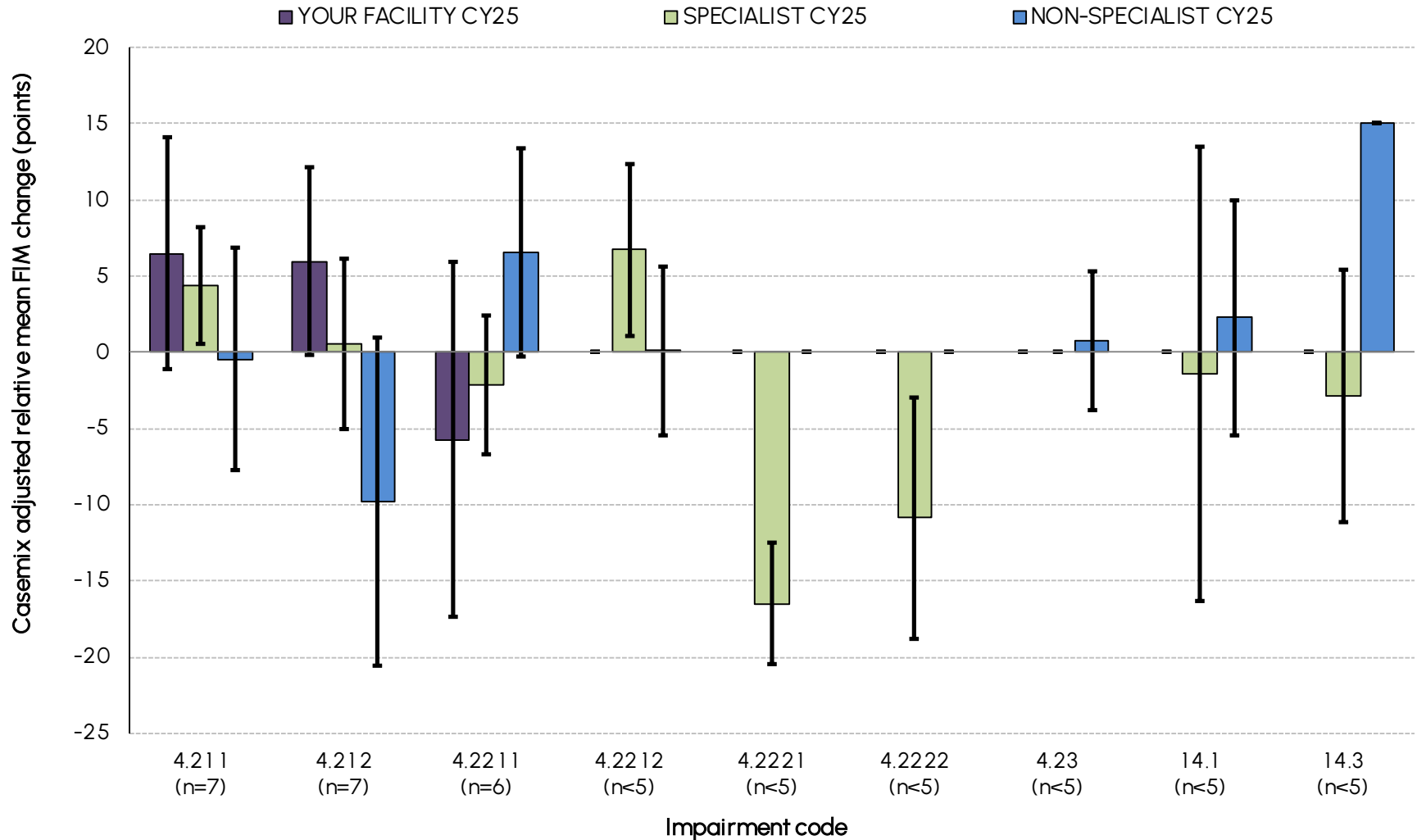
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# NTSCI mean FIM change by impairment code



INCLUDES: complete episodes that are first direct care admissions 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 at the end of this report.

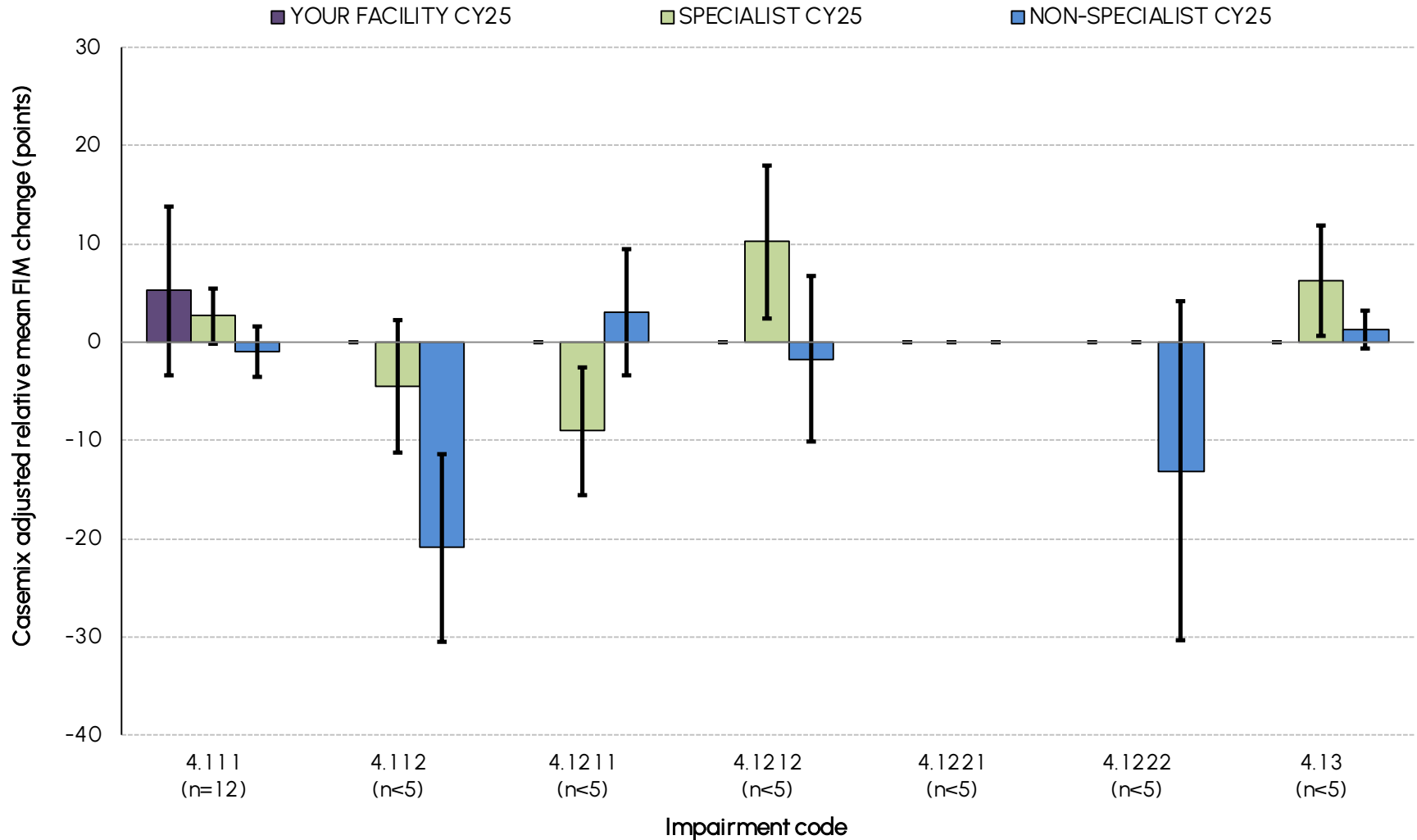
# TSCI casemix-adjusted\* relative mean FIM change by impairment code



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

\*Casemix-adjustment uses specialist unit first admissions calculated separately for TSCI and NTSCI by AN-SNAP class

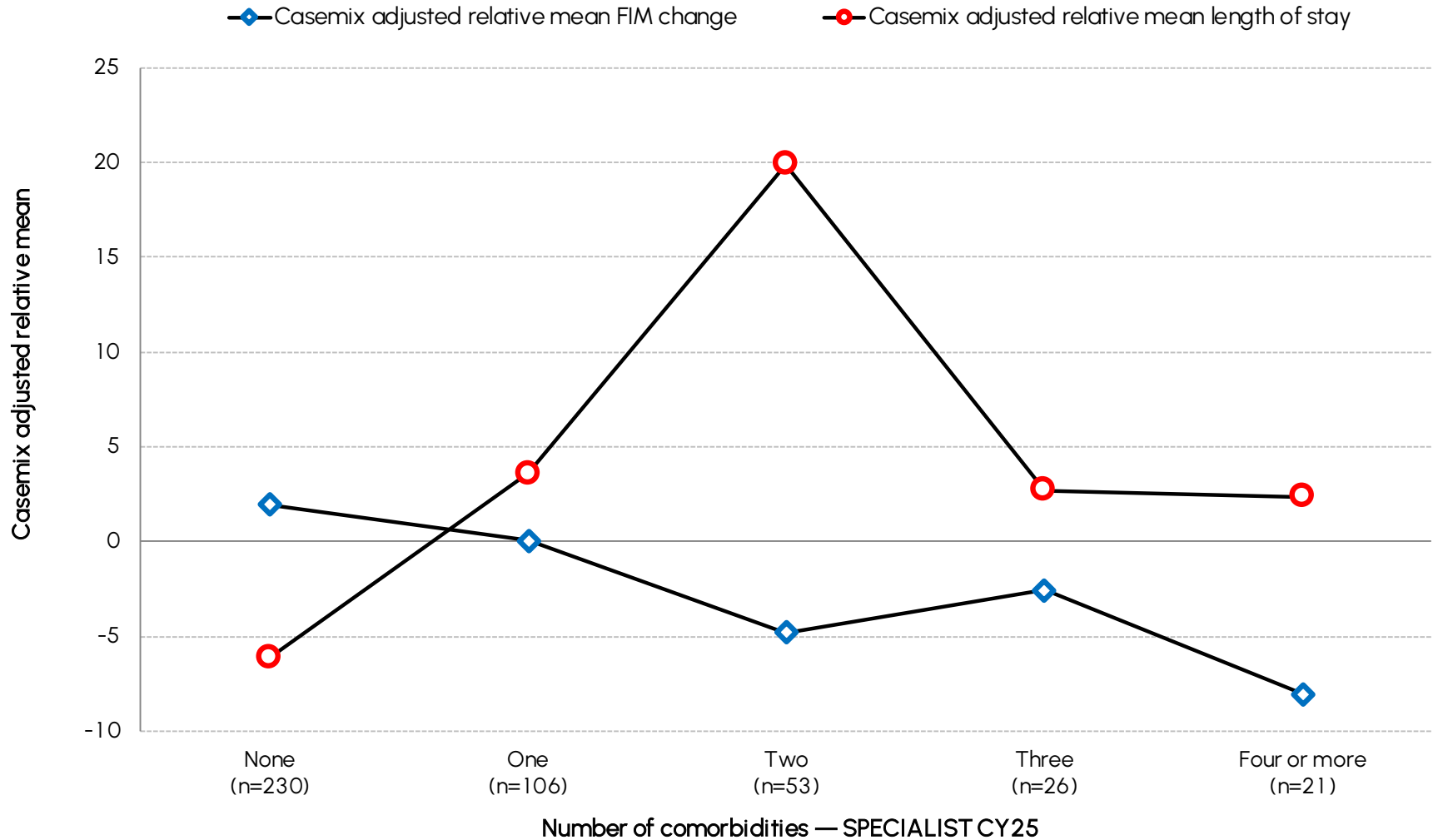
# NTSCI casemix-adjusted\* relative mean FIM change by impairment code



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

\*Casemix-adjustment uses specialist unit first admissions calculated separately for TSCI and NTSCI by AN-SNAP class

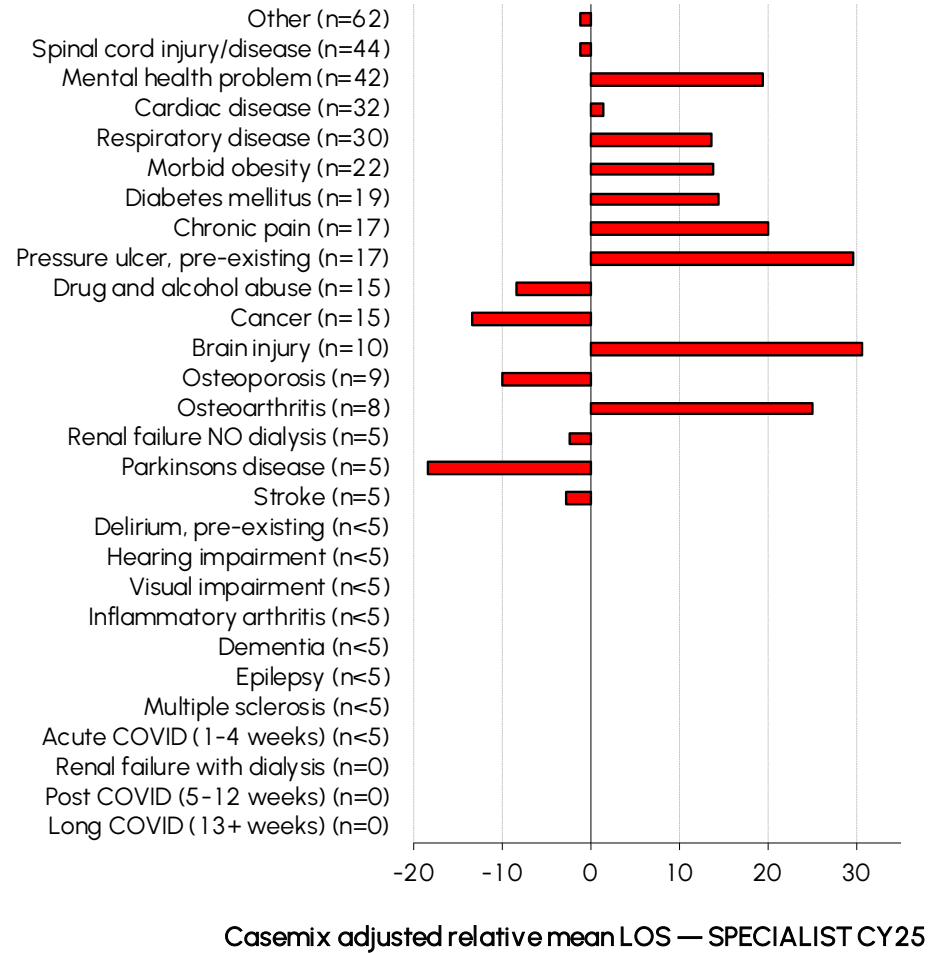
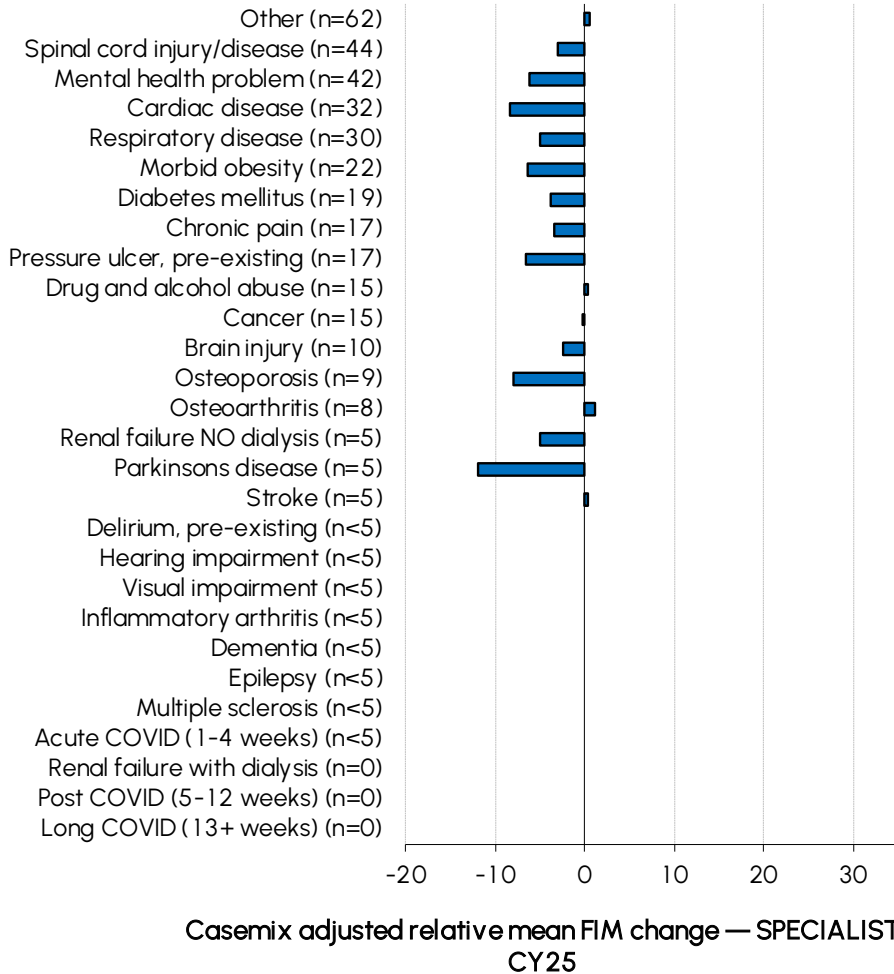
# Casemix-adjusted\* relative mean length of stay and FIM change by number of comorbidities



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

\*Casemix-adjustment uses specialist unit first admissions calculated separately for TSCI and NTSCI by AN-SNAP class

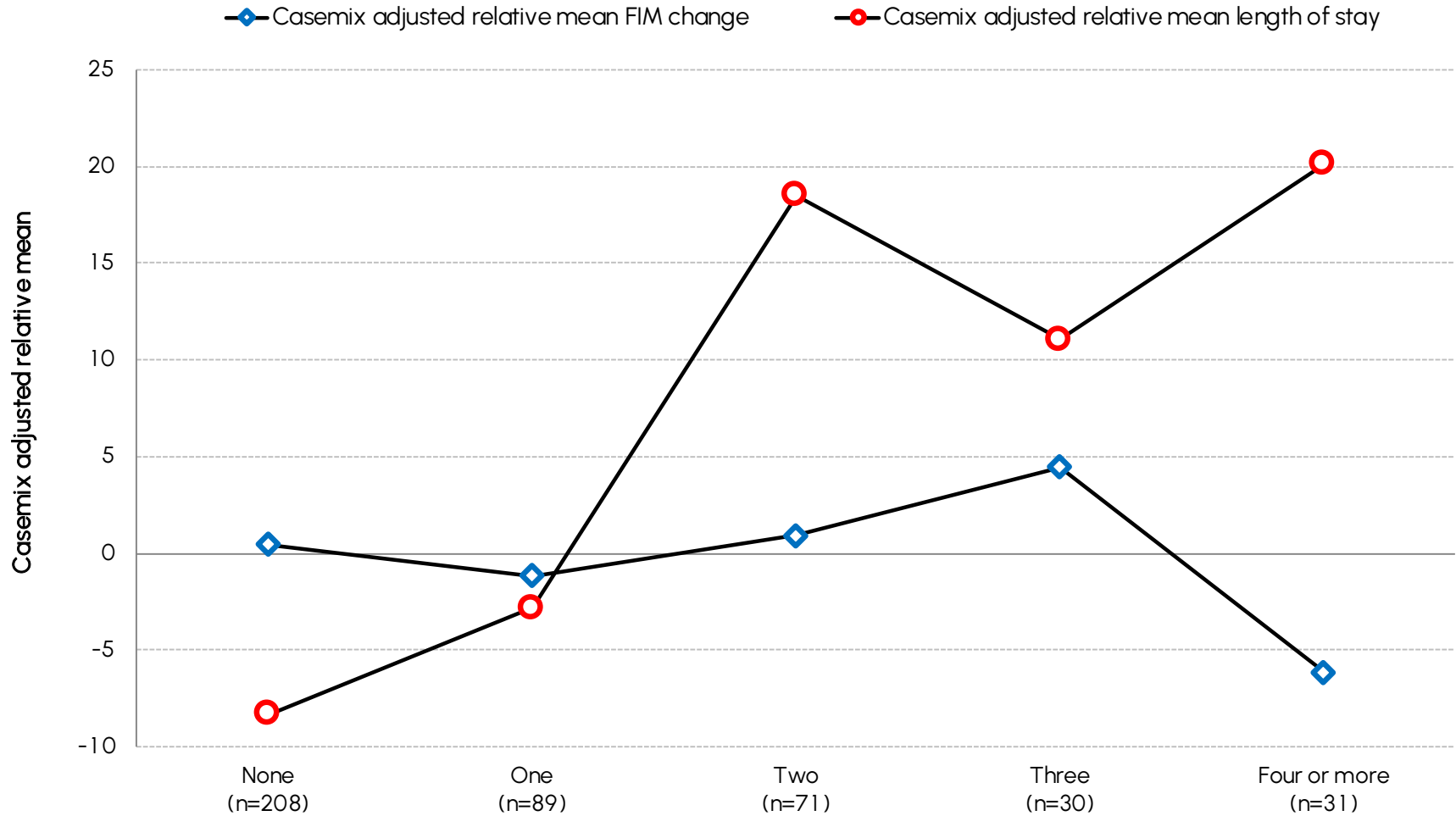
# Casemix-adjusted\* relative mean length of stay and FIM change by type of comorbidity



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

\*Casemix-adjustment uses specialist unit first admissions calculated separately for TSCI and NTSCI by AN-SNAP class

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

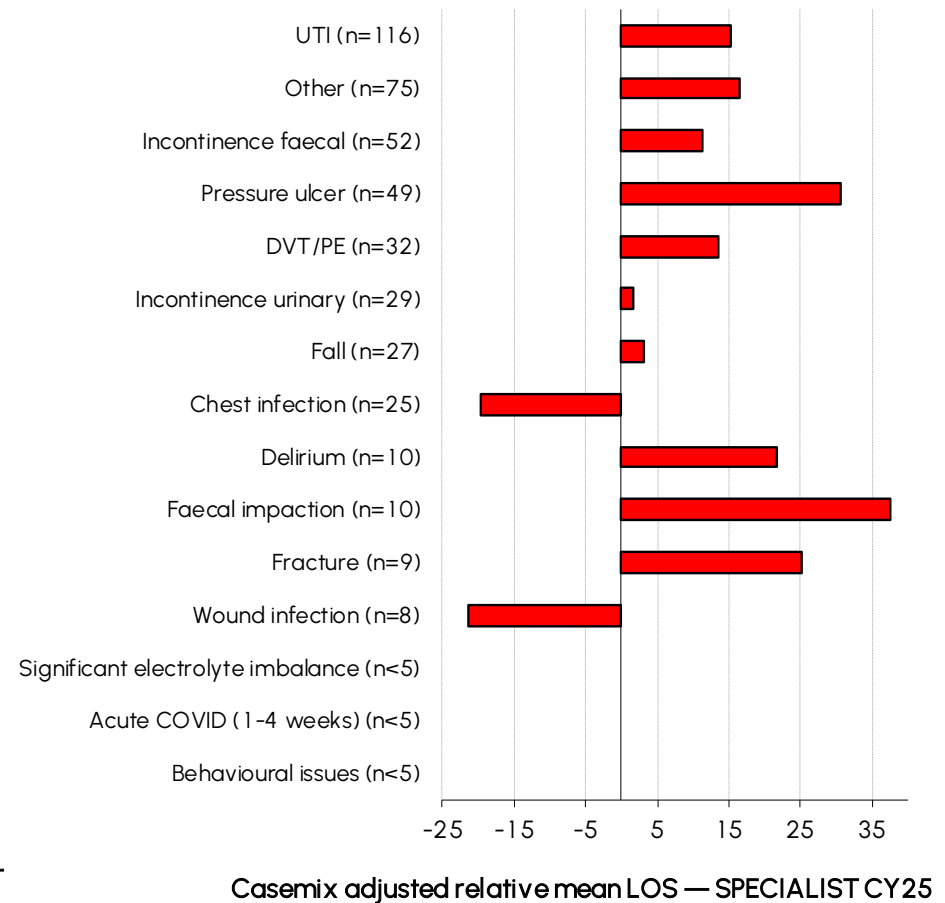
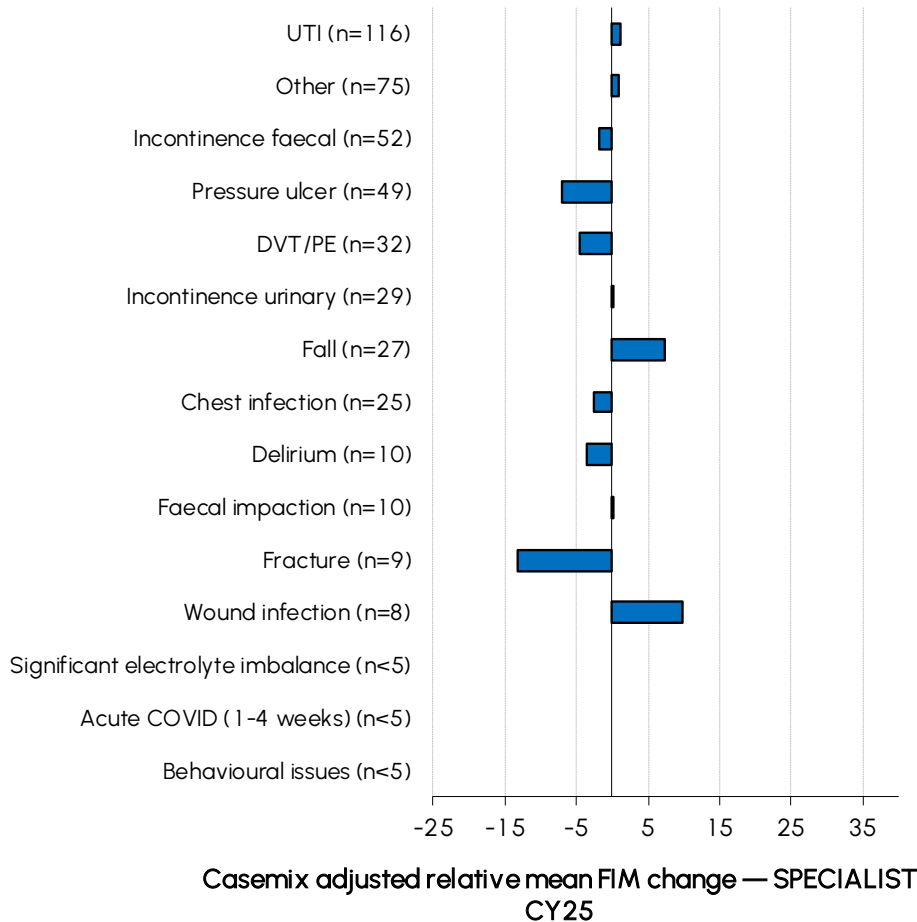


### Number of complications — SPECIALIST CY25

INCLUDES: complete episodes that are first direct care admissions with valid LOS (<=500 days), valid FIM score and a groupable AN-SNAP class (not 599A) with valid casemix data. The definition of a complete episode can be found in the glossary at the end of this report.

\*Casemix-adjustment uses specialist unit first admissions calculated separately for TSCI and NTSCI by AN-SNAP class

# Casemix-adjusted\* relative mean length of stay and FIM change by type of complication

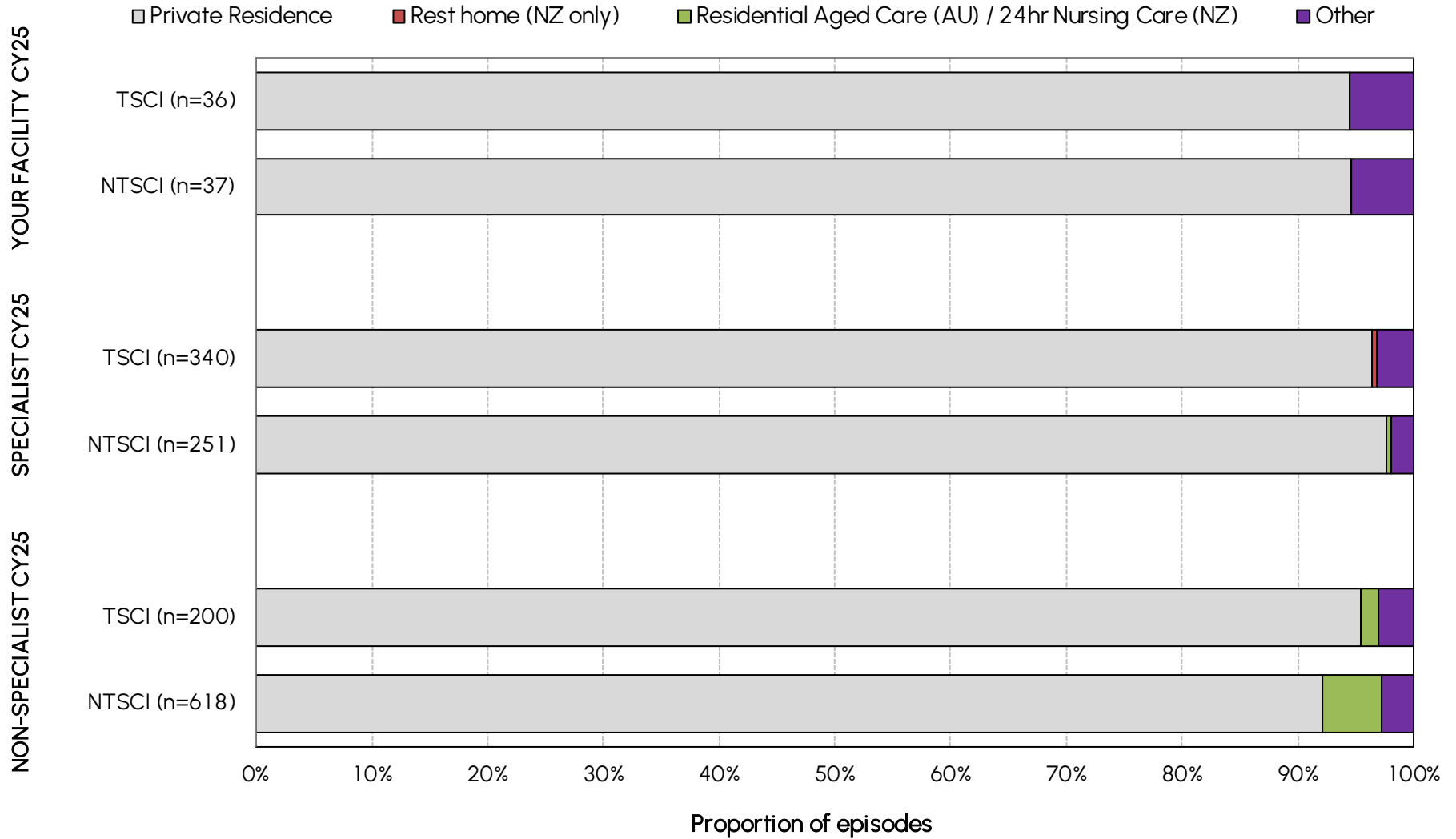


INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP class (not 599A) with valid casemix data. The definition of a complete episode can be found in the glossary at the end of this report.

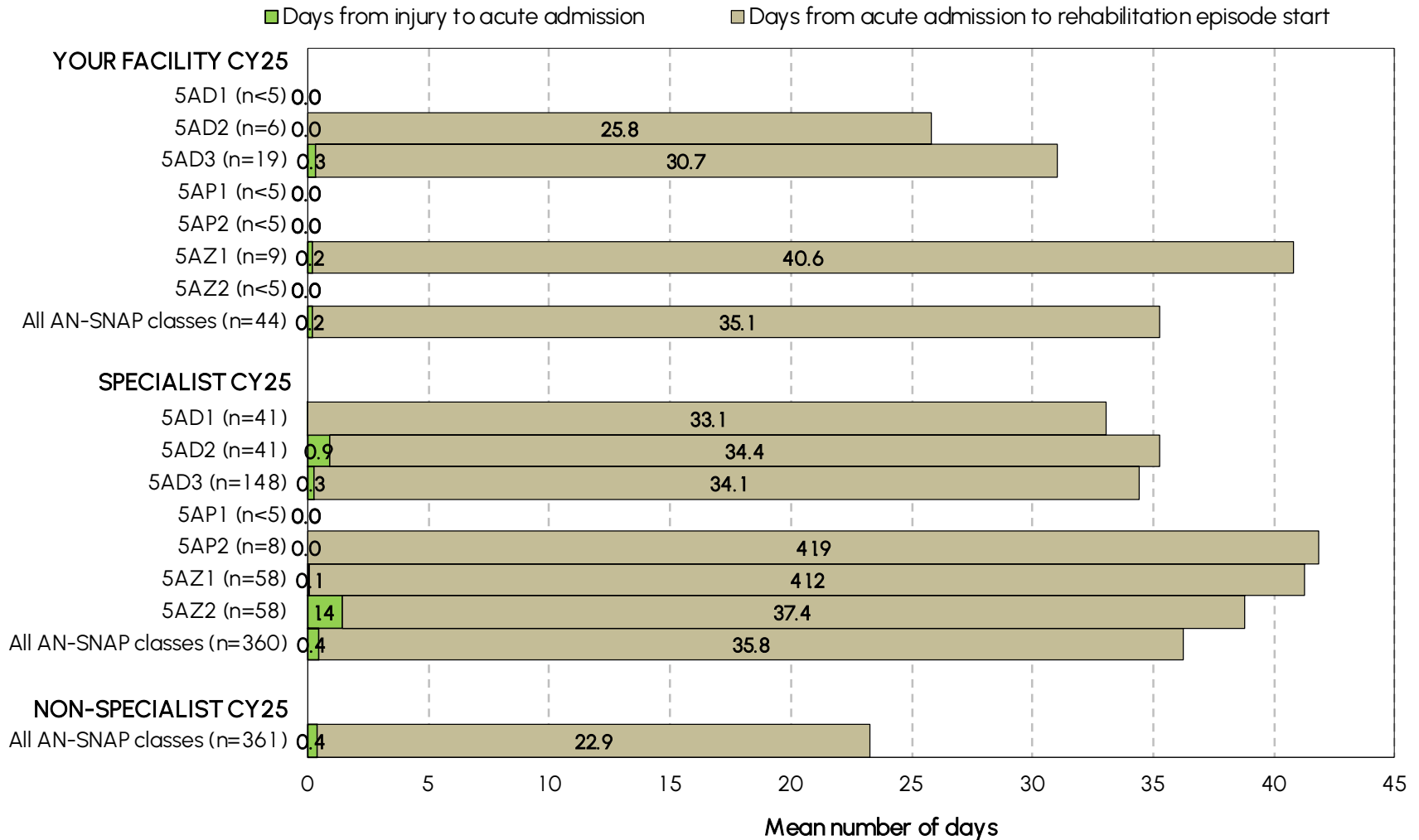
\*Casemix-adjustment uses specialist unit first admissions calculated separately for TSCI and NTSCI by AN-SNAP class

# Explanatory data

# Type of accommodation prior to impairment

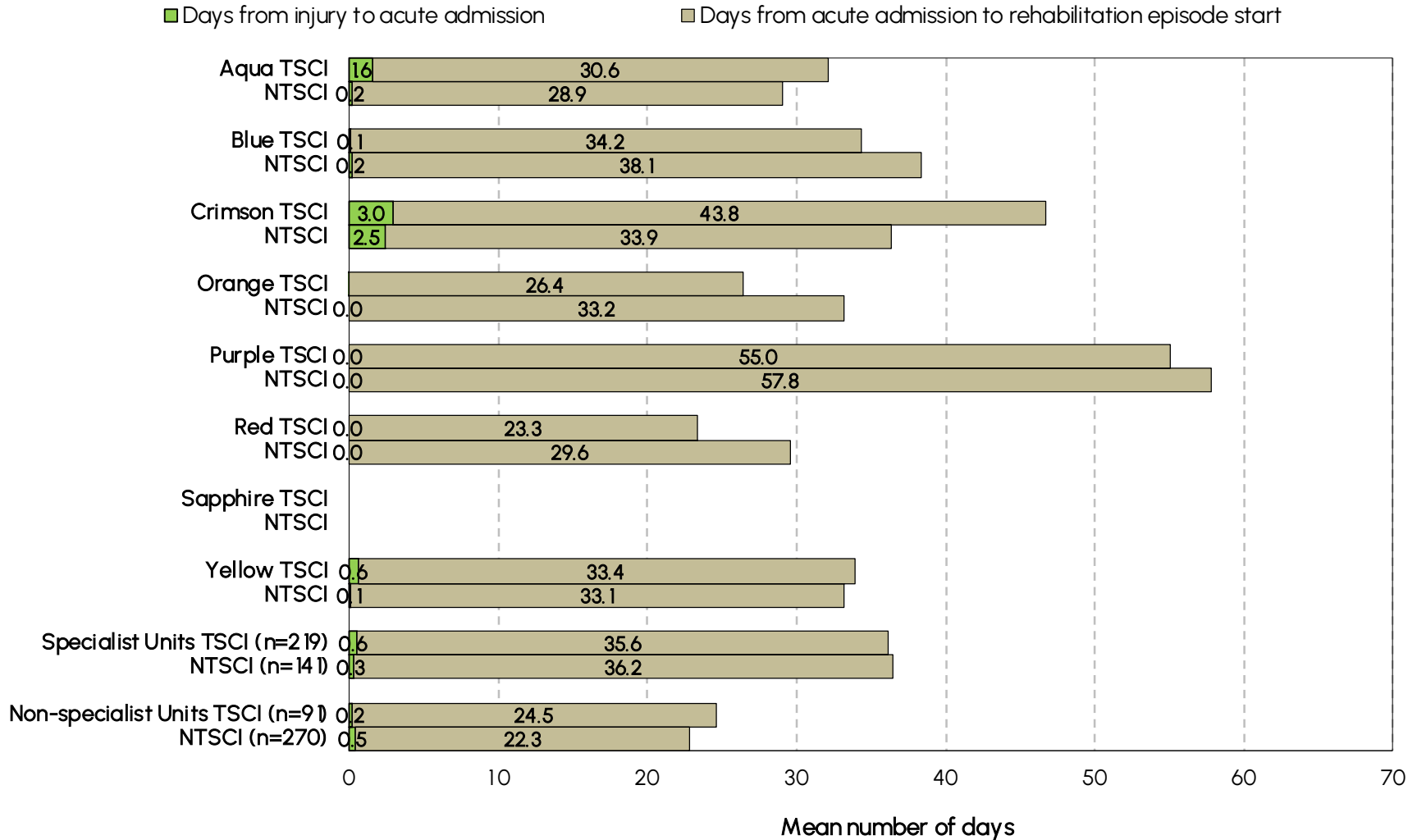


# Days from injury to episode start with an acute admission by AN-SNAP class



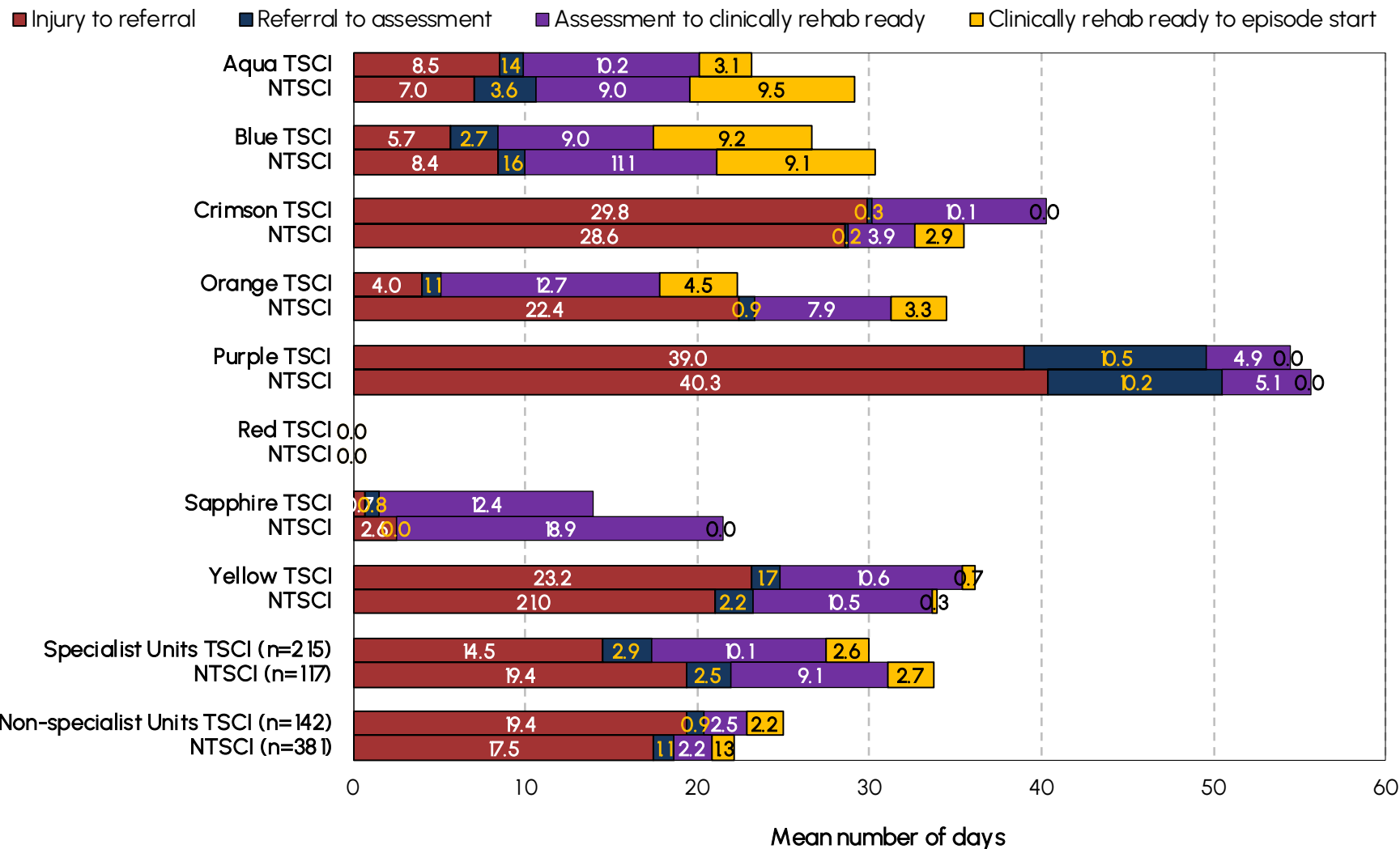
INCLUDES: first direct care admission episodes with valid date of onset, valid date of acute admission, valid episodes start date and a groupable AN-SNAP class (not 599A)  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Days from injury to episode start with an acute admission by specialist facility



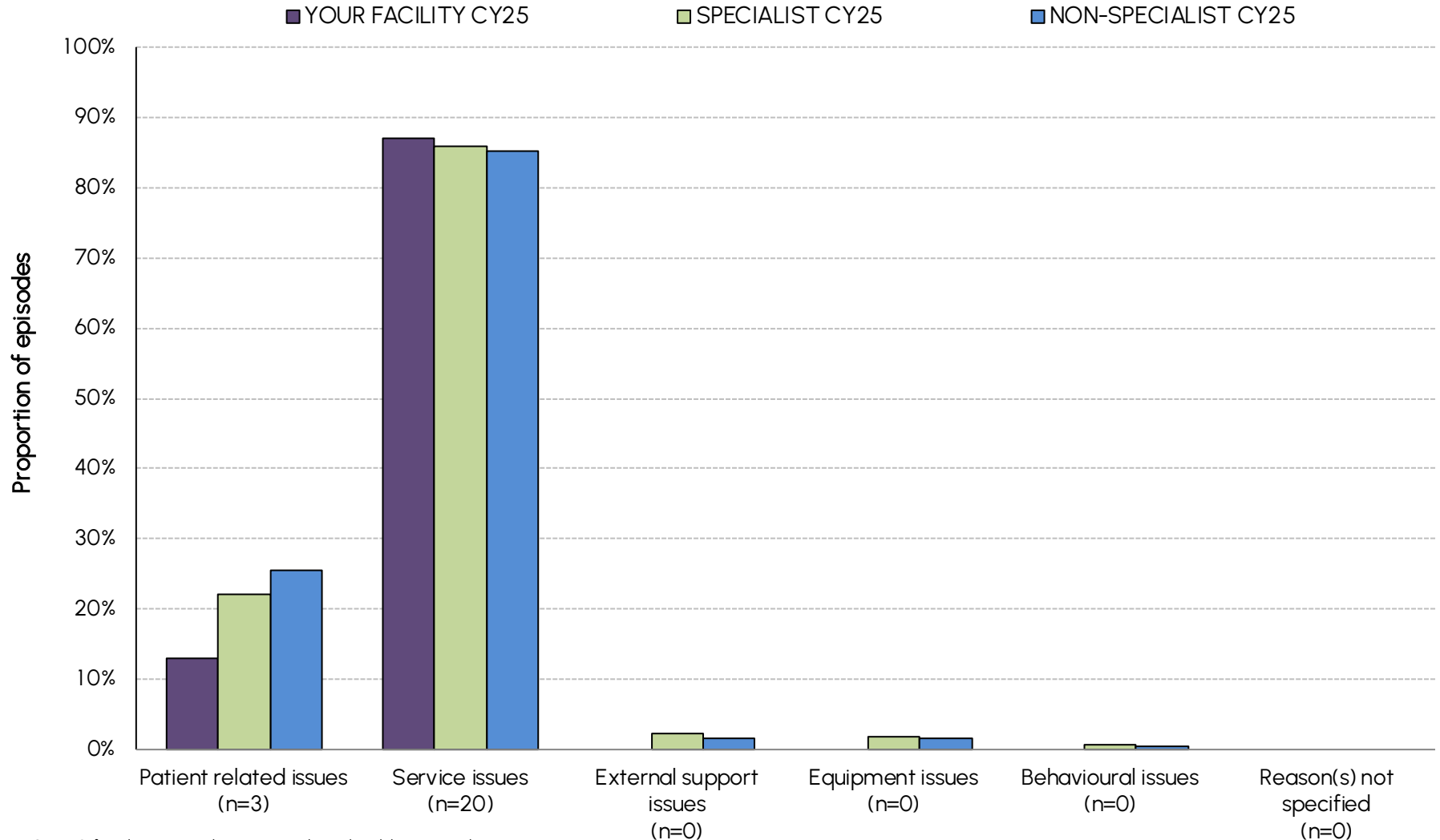
INCLUDES: first direct care admission episodes with valid date of onset, valid date of acute admission, valid episodes start date.  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Days from injury to episode start by specialist facility



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.

# Reason for delay in episode start



INCLUDES: first direct care admission episodes with a delay in episode start

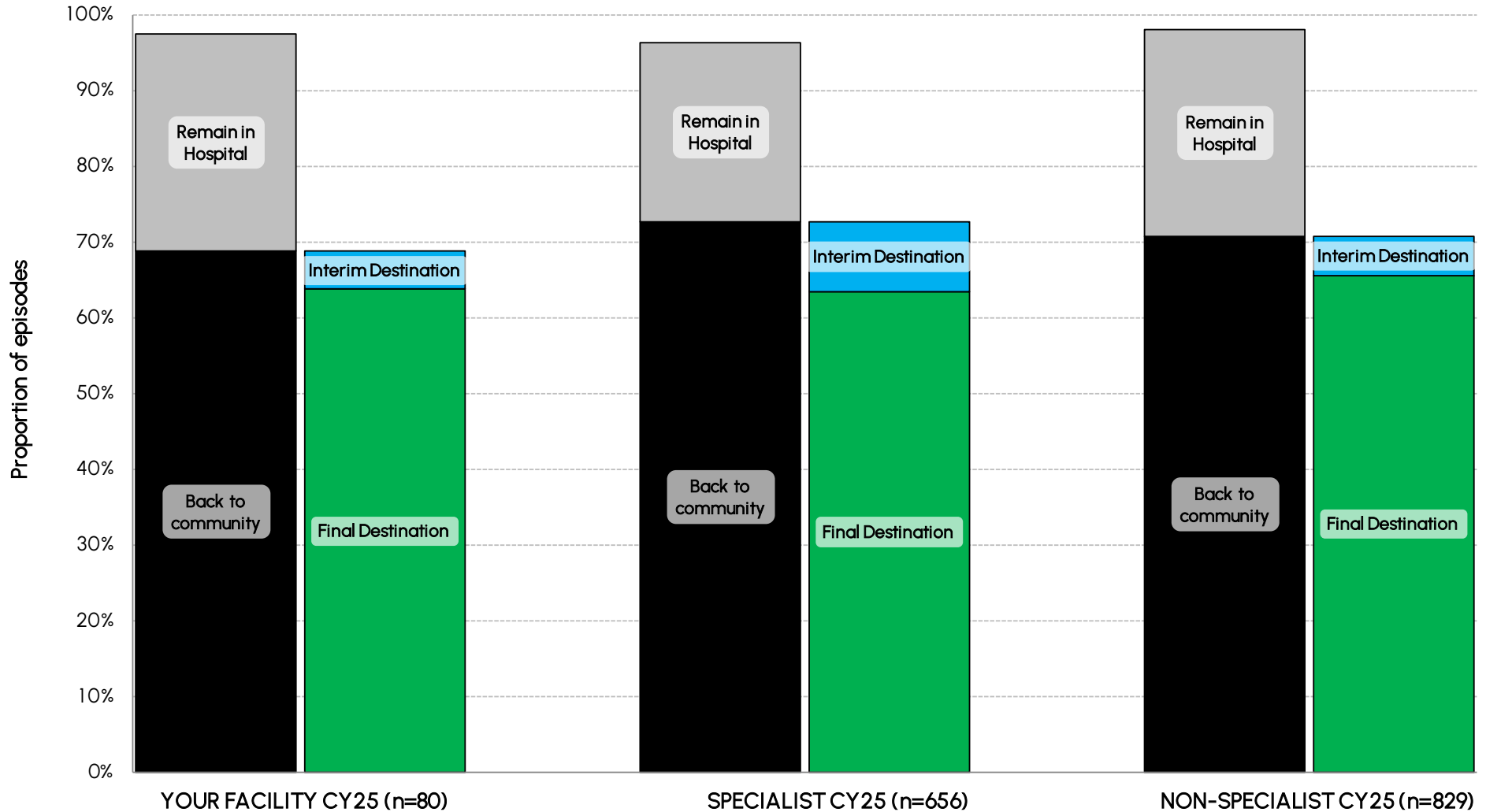
# Summary of delays in episode start for all Spinal Cord Injury

Delay in episode start	YOUR FACILITY CY25		SPECIALIST CY25		NON-SPECIALIST CY25	
	N	%	N	%	N	%
No delay	50	68.5	416	70.3	580	74.1
Delay in episode start	23	31.5	176	29.7	203	25.9
Missing	7		64		46	
<b>All episodes</b>	<b>80</b>	<b>100.0</b>	<b>656</b>	<b>100.0</b>	<b>829</b>	<b>100.0</b>

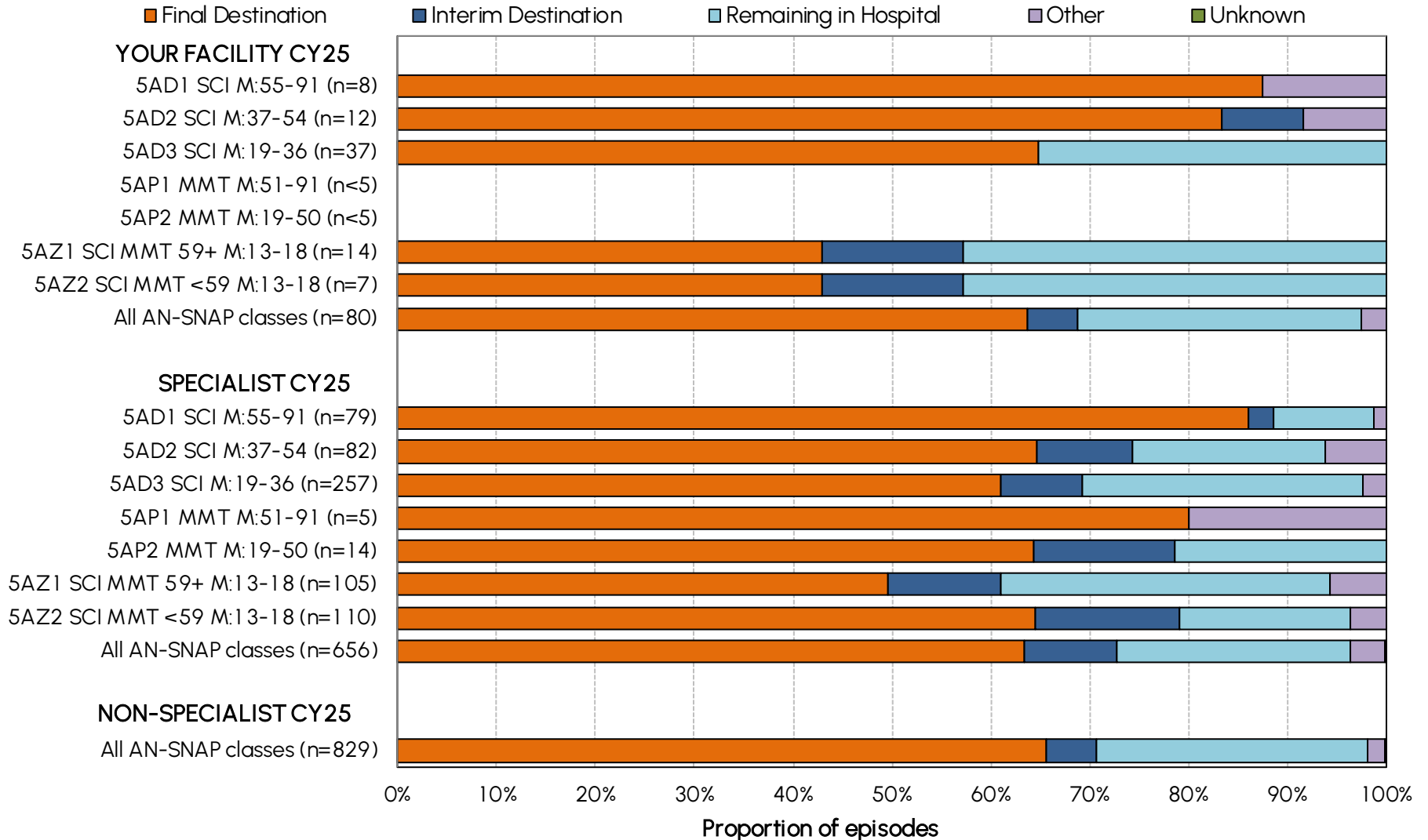
Reasons for delay in episode start	YOUR FACILITY CY25		SPECIALIST CY25		NON-SPECIALIST CY25	
	N	%	N	%	N	%
Patient related issues	3	13.0	39	22.2	52	25.6
Service issues	20	87.0	151	85.8	173	85.2
External support issues	0	0.0	(n<5)	(n<5)	(n<5)	(n<5)
Equipment issues	0	0.0	(n<5)	(n<5)	(n<5)	(n<5)
Behavioural issues	0	0.0	(n<5)	(n<5)	(n<5)	(n<5)
Reason(s) not specified	0	0.0	0	0.0	0	0.0

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

# Mode of episode end



# Mode of episode end by AN-SNAP class



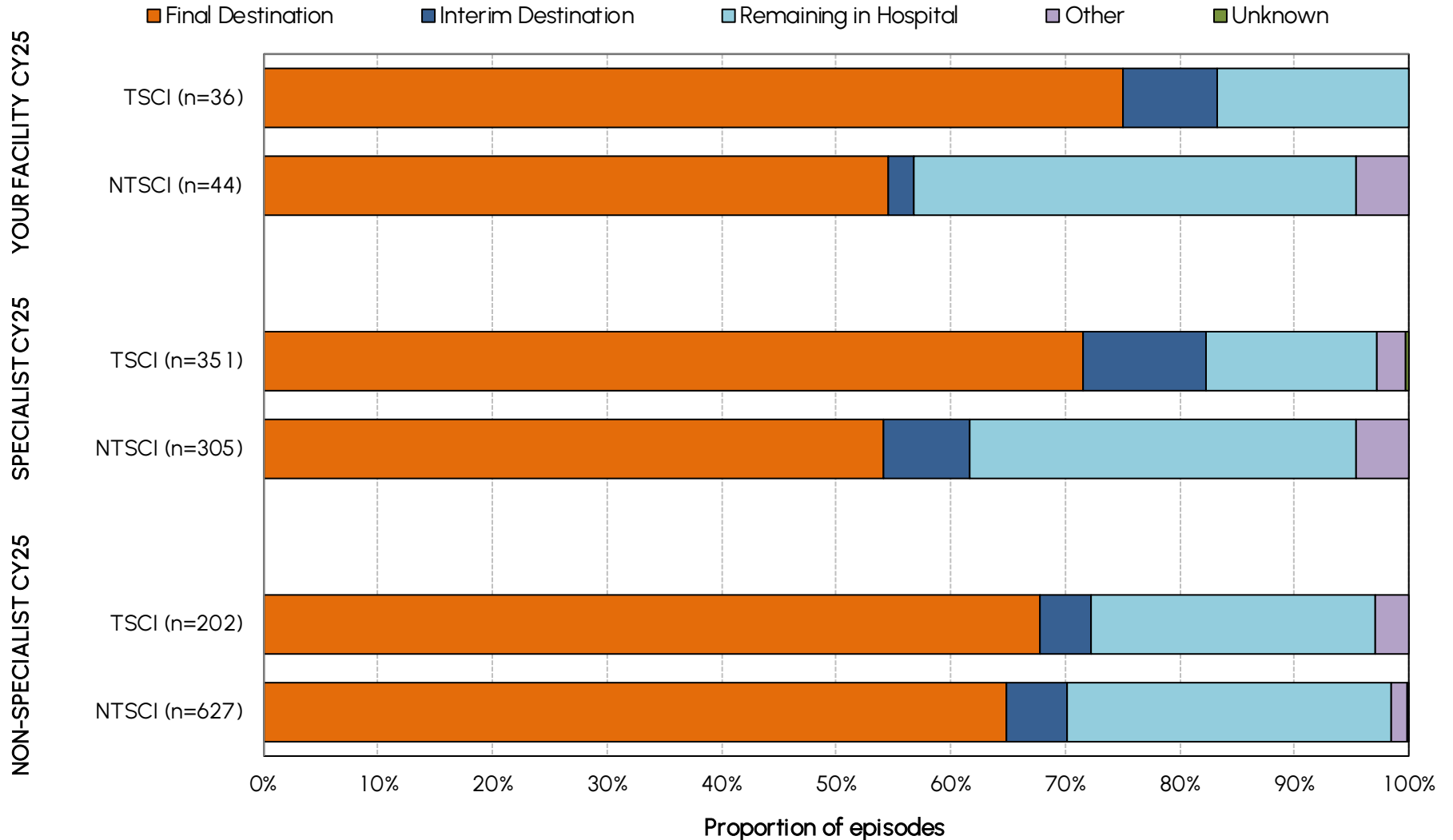
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Mode of episode end by AN-SNAP class

		Final	Interim	Remaining				Final	Interim	Remaining		
		Destination	Destination	in Hospital	Other	Unknown	Destination	Destination	in Hospital	Other	Unknown	
AN-SNAP class		N					%					
YOUR FACILITY CY25	5AD1 SCI M:55-91	7	0	0	1	0	87.5	0.0	0.0	12.5	0.0	
	5AD2 SCI M:37-54	10	1	0	1	0	83.3	8.3	0.0	8.3	0.0	
	5AD3 SCI M:19-36	24	0	13	0	0	64.9	0.0	35.1	0.0	0.0	
	5AP1 MMT M:51-91	0	0	0	0	0	—	—	—	—	—	
	5AP2 MMT M:19-50	1	0	1	0	0	50.0	0.0	50.0	0.0	0.0	
	5AZ1 SCI MMT 59+ M:13-18	6	2	6	0	0	42.9	14.3	42.9	0.0	0.0	
	5AZ2 SCI MMT <59 M:13-18	3	1	3	0	0	42.9	14.3	42.9	0.0	0.0	
<b>All AN-SNAP classes</b>	<b>51</b>	<b>4</b>	<b>23</b>	<b>2</b>	<b>0</b>	<b>63.8</b>	<b>5.0</b>	<b>28.8</b>	<b>2.5</b>	<b>0.0</b>		
<b>Specialist Units CY25</b>	<b>416</b>	<b>61</b>	<b>155</b>	<b>23</b>	<b>(n&lt;5)</b>	<b>63.4</b>	<b>9.3</b>	<b>23.6</b>	<b>3.5</b>	<b>(n&lt;5)</b>		
<b>Non-specialist Units CY25</b>	<b>544</b>	<b>42</b>	<b>227</b>	<b>15</b>	<b>(n&lt;5)</b>	<b>65.6</b>	<b>5.1</b>	<b>27.4</b>	<b>1.8</b>	<b>(n&lt;5)</b>		

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

# Mode of episode end by TSCI and NTSCI



# Employment status prior and post Spinal Cord Injury

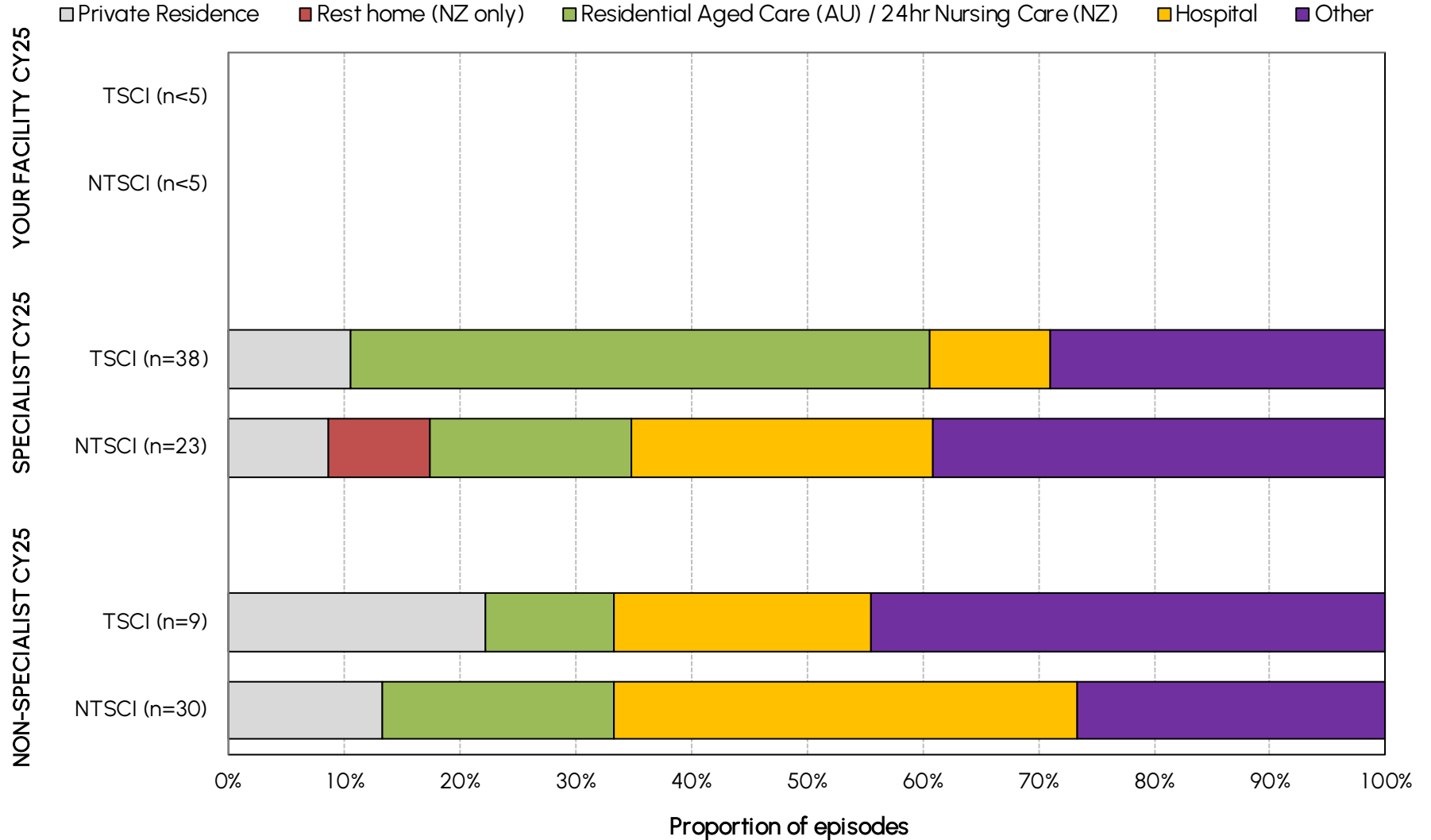


# Summary of employment status prior and post Spinal Cord Injury

Employment status	YOUR FACILITY CY25		SPECIALIST CY25		NON-SPECIALIST CY25	
	N	%	N	%	N	%
<b><u>Prior to this spinal cord injury:</u></b>						
Employed	28	38.4	269	45.6	216	27.3
Unemployed	13	17.8	69	11.7	76	9.6
Student/child	1	1.4	23	3.9	14	1.8
Not in the labour force	6	8.2	45	7.6	67	8.5
Retired for age	17	23.3	146	24.7	339	42.8
Retired for disability	8	11.0	38	6.4	80	10.1
Not answered	7		66		37	
<b>All SCI admissions</b>	<b>80</b>	<b>100.0</b>	<b>656</b>	<b>100.0</b>	<b>829</b>	<b>100.0</b>
<b><u>After discharge (if previously employed):</u></b>						
Same or similar job, same or similar hours	2	7.7	15	5.8	18	9.7
Same or similar job, reduced hours	3	11.5	26	10.1	9	4.9
Different job by choice	0	0.0	(n<5)	(n<5)	1	(n<5)
Different job due to reduced function	0	0.0	(n<5)	(n<5)	4	(n<5)
Not able to work	2	7.7	26	10.1	24	13.0
Chosen to retire	1	3.8	(n<5)	(n<5)	4	(n<5)
Too early to determine	18	69.2	184	71.6	125	67.6
Not answered	2		12		31	
<b>Total employed prior</b>	<b>28</b>	<b>100.0</b>	<b>269</b>	<b>100.0</b>	<b>216</b>	<b>100.0</b>

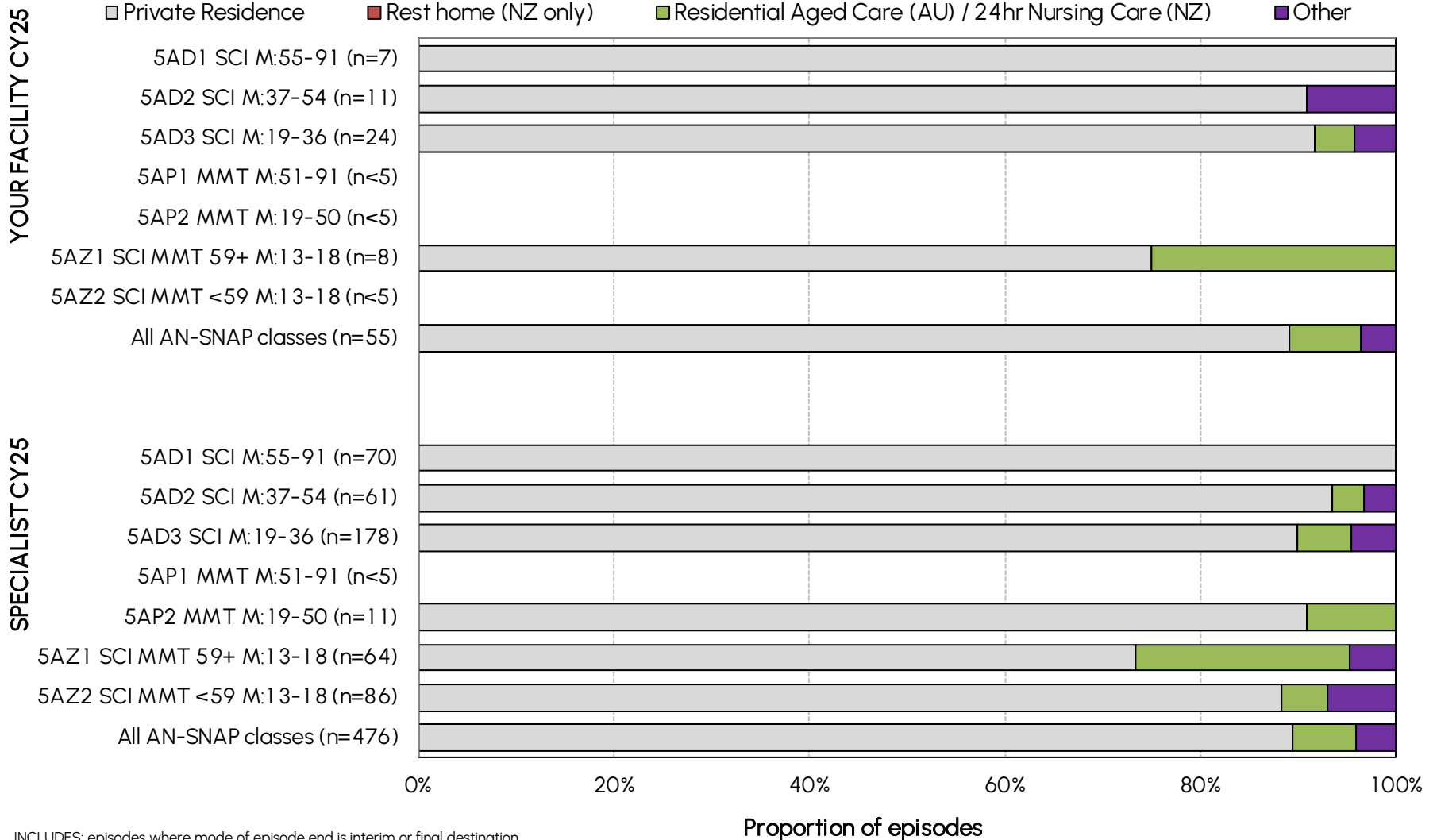
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Interim destination post discharge by TSCI and NTSCI



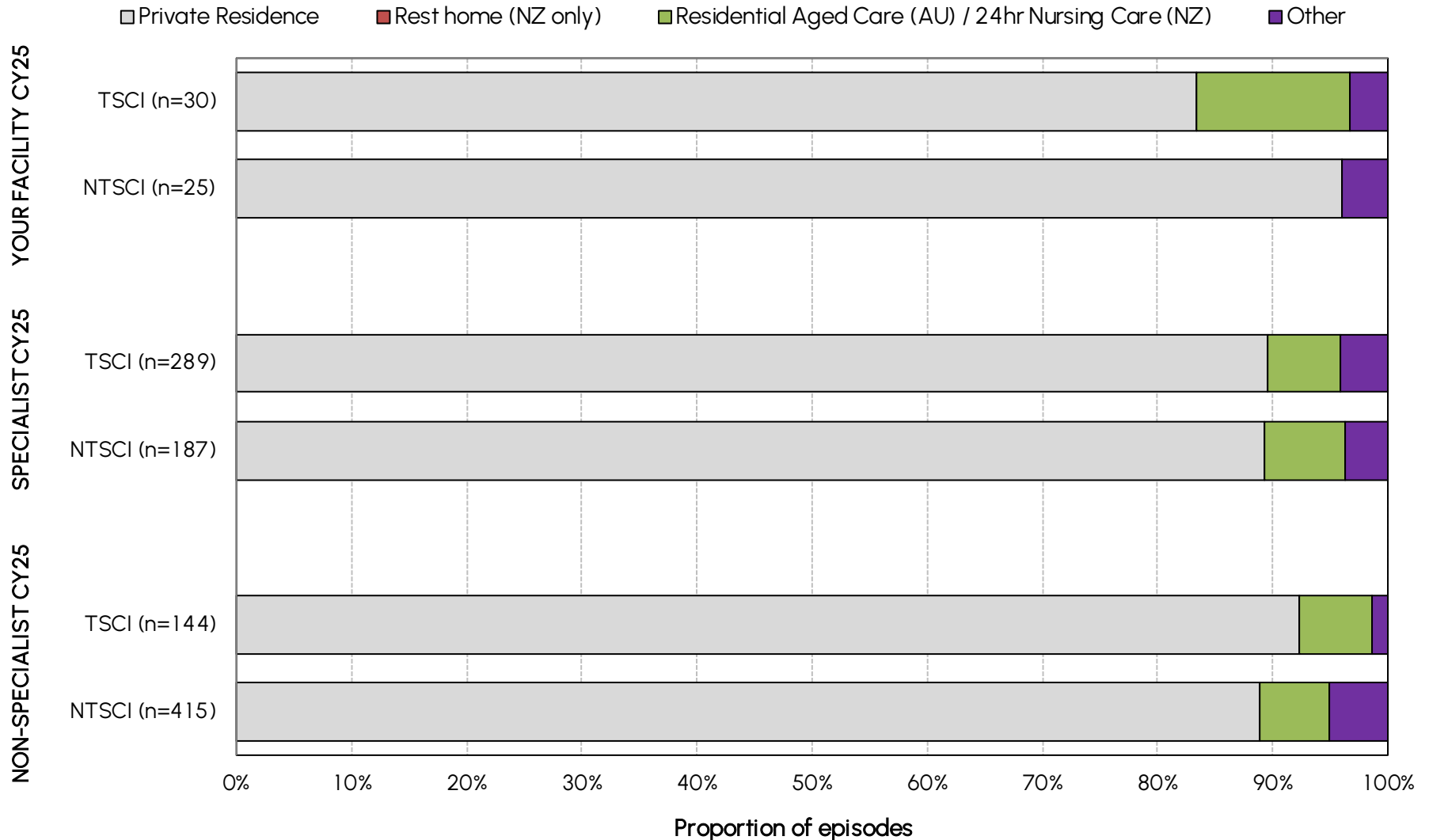
INCLUDES: episodes where mode of episode end is interim

# Final destination post discharge by AN-SNAP class



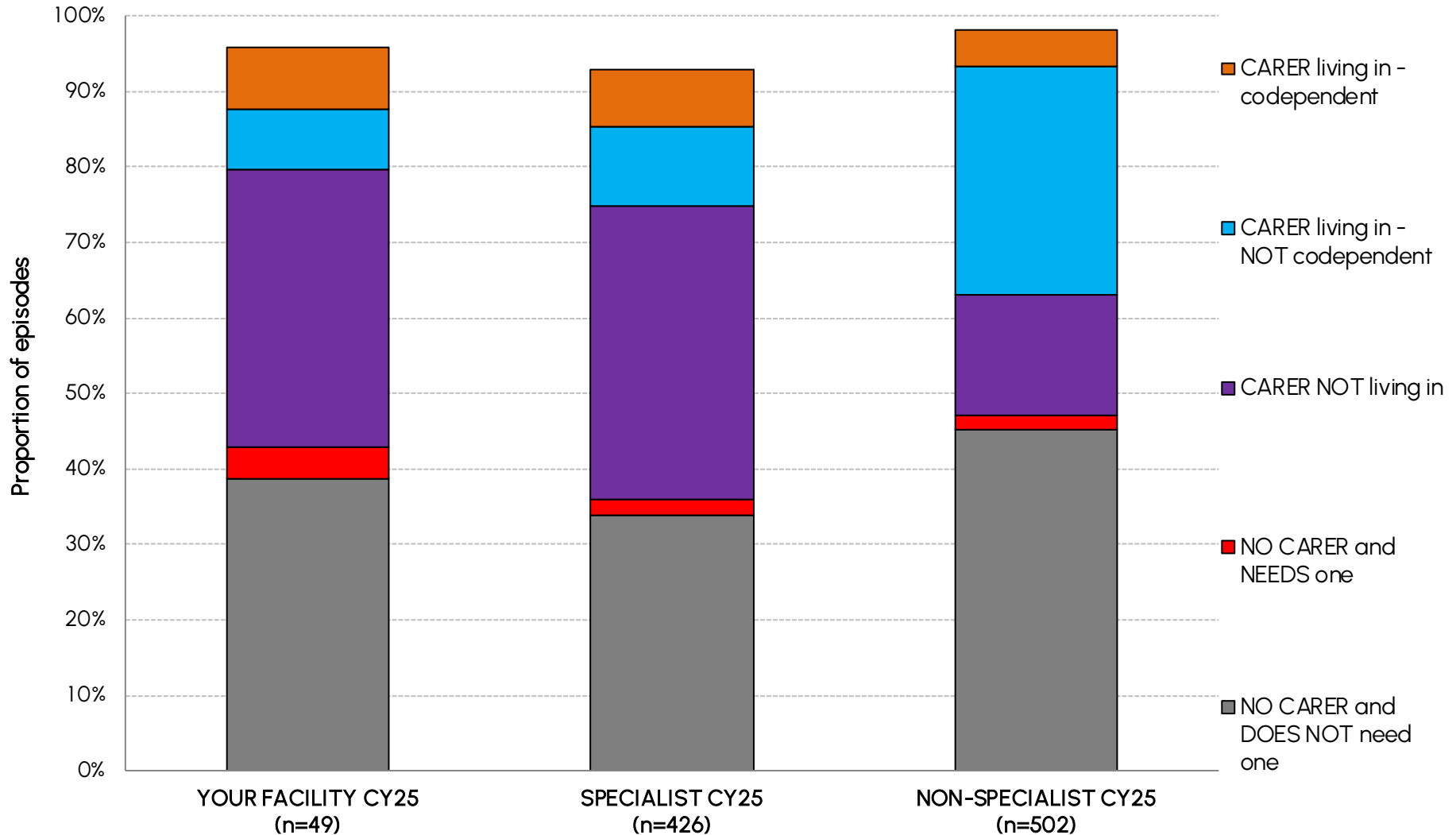
INCLUDES: episodes where mode of episode end is interim or final destination  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Final destination post discharge by TSCI and NTSCI



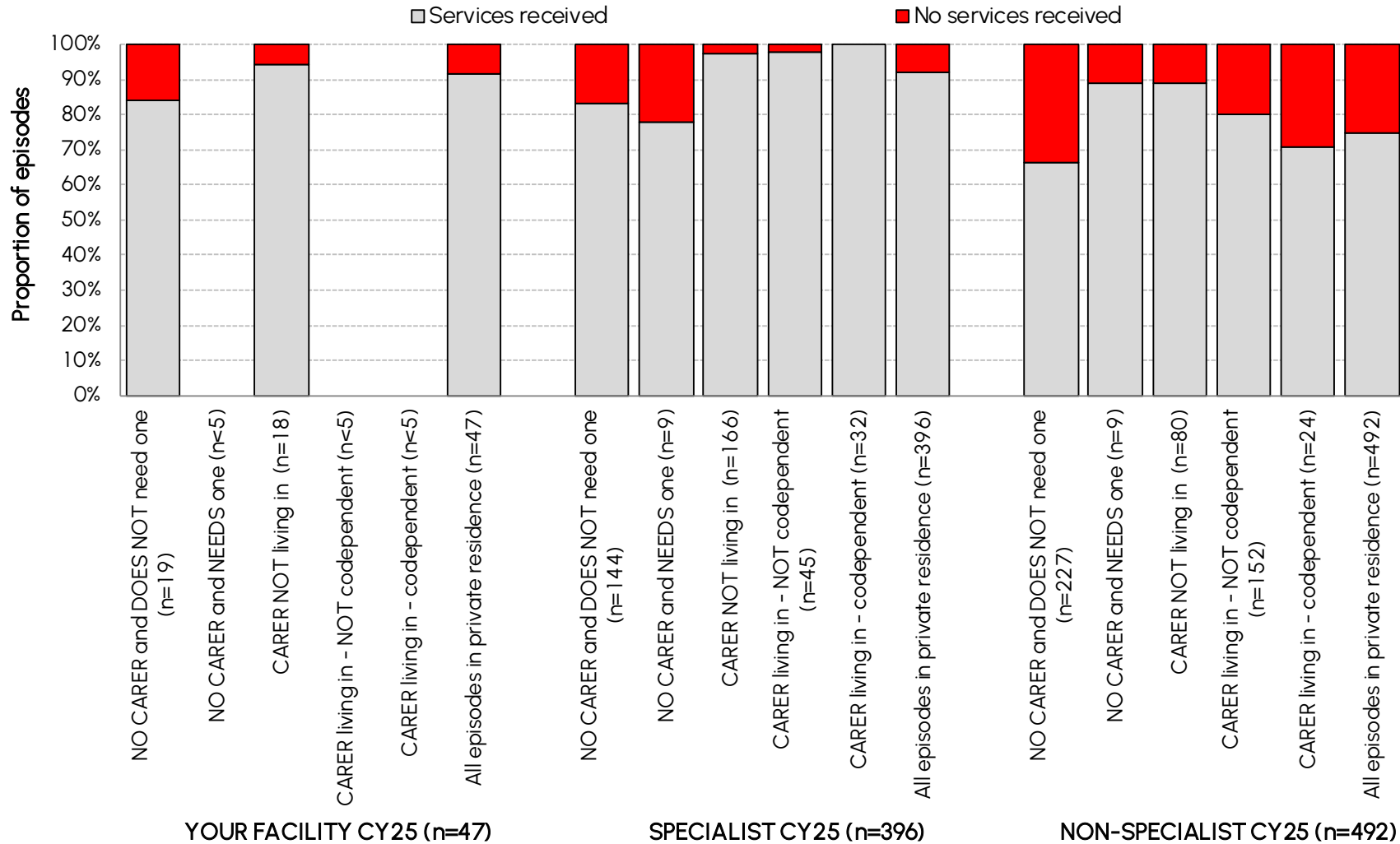
INCLUDES: episodes where mode of episode end is interim or final destination

# Carer status post discharge



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

# Any services received post discharge by carer status



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

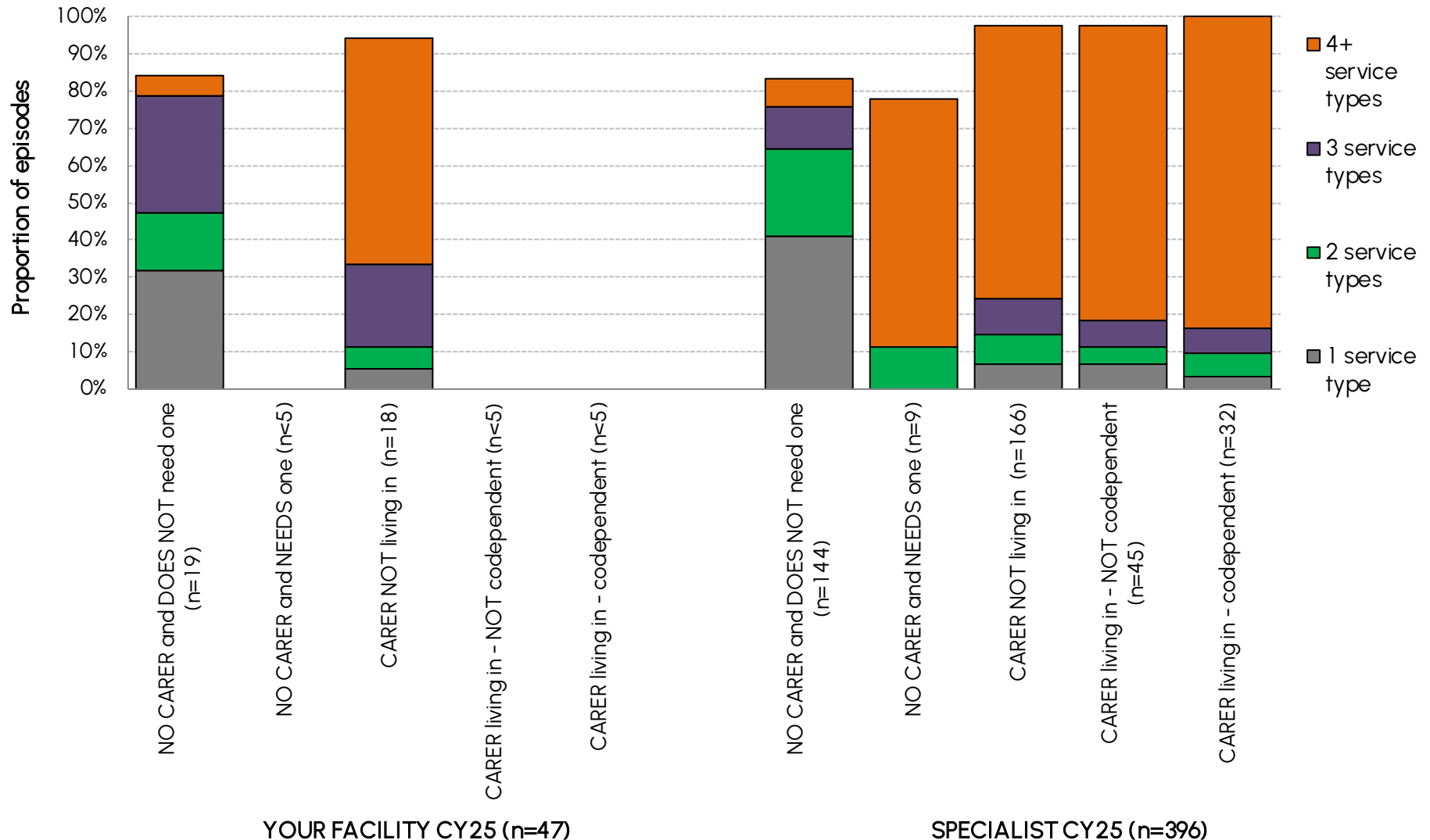
# Carer status and any services received post discharge

Carer status post discharge	YOUR FACILITY CY25		SPECIALIST CY25		NON-SPECIALIST CY25	
	N	%	N	%	N	%
NO CARER and DOES NOT need one	19	40.4	144	36.4	227	46.0
NO CARER and NEEDS one	2	4.3	9	2.3	9	1.8
CARER NOT living in	18	38.3	166	41.9	81	16.4
CARER living in - NOT codependent	4	8.5	45	11.4	152	30.8
CARER living in - codependent	4	8.5	32	8.1	24	4.9
Missing	2		30		9	
<b>All episodes in private residence</b>	<b>49</b>	<b>100.0</b>	<b>426</b>	<b>100.0</b>	<b>502</b>	<b>100.0</b>

Any services received post discharge?						
Carer status post discharge	YOUR FACILITY CY25		SPECIALIST CY25		NON-SPECIALIST CY25	
	Yes (%)	No (%)	Yes (%)	No (%)	Yes (%)	No (%)
NO CARER and DOES NOT need one	84.2	15.8	83.3	16.7	66.5	33.5
NO CARER and NEEDS one	100.0	0.0	77.8	22.2	88.9	11.1
CARER NOT living in	94.4	5.6	97.6	2.4	87.7	11.1
CARER living in - NOT codependent	100.0	0.0	97.8	2.2	80.3	19.7
CARER living in - codependent	100.0	0.0	100.0	0.0	70.8	29.2
<b>All episodes in private residence</b>	<b>91.5</b>	<b>8.5</b>	<b>92.2</b>	<b>7.8</b>	<b>74.8</b>	<b>24.9</b>

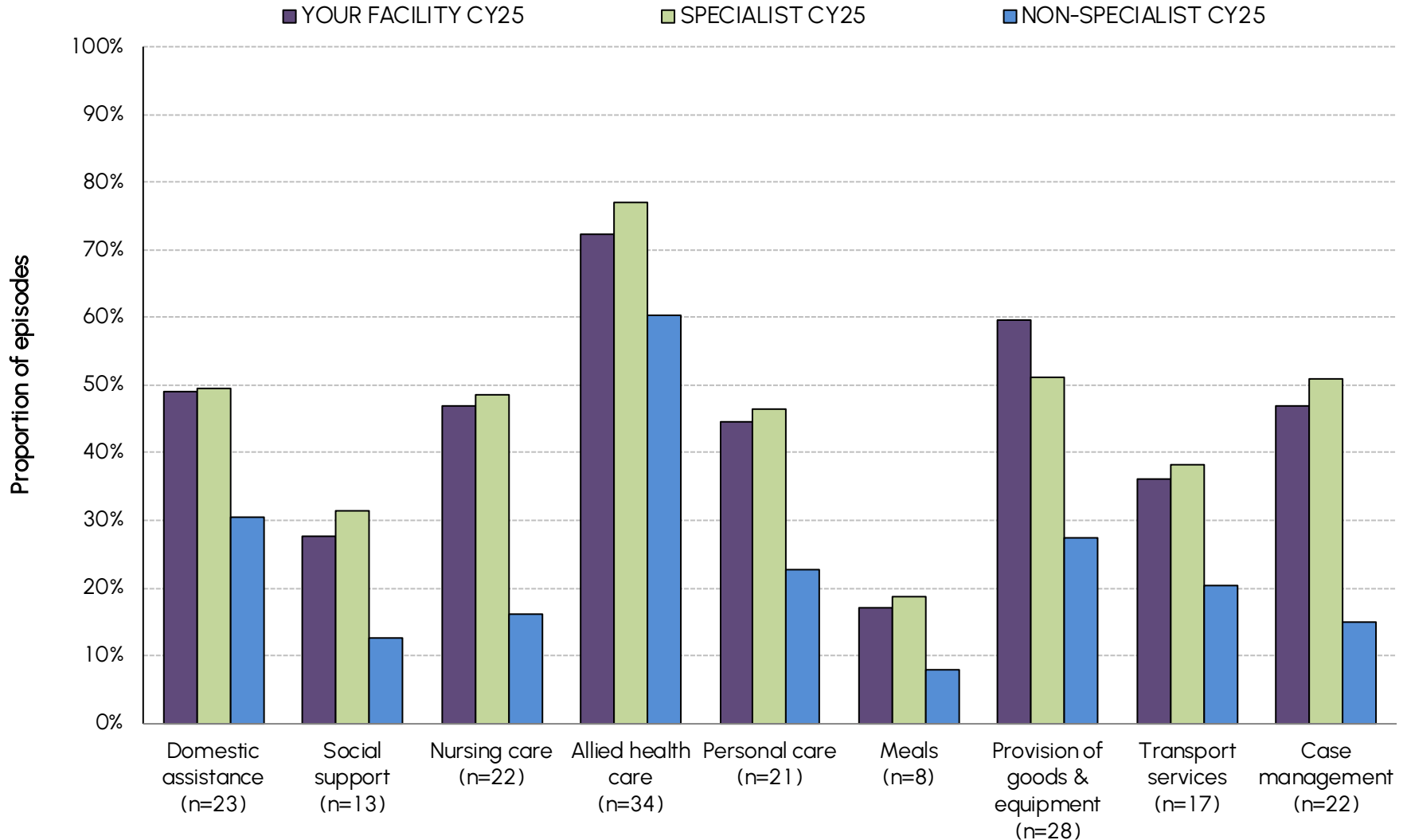
INCLUDES: episodes where final destination is private residence and carer status is

# Number of services received post discharge by carer status



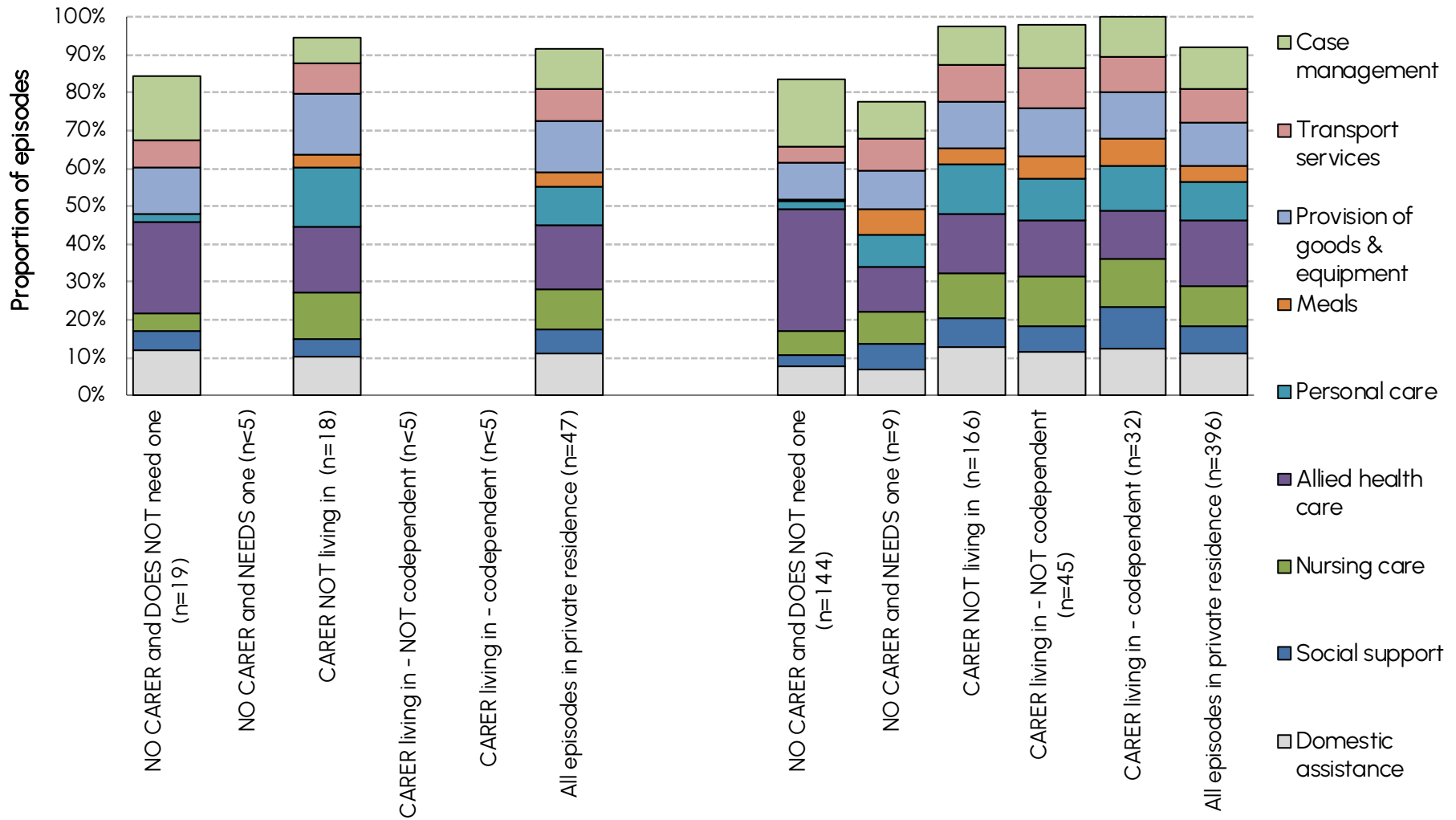
INCLUDES: episodes where final destination is private residence and carer status is  
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Type of services received post discharge



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

# Type of services received post discharge by carer status



## YOUR FACILITY CY25 (n=47)

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

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

## SPECIALIST CY25 (n=396)

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

Carer status post discharge - YOUR FACILITY CY25						
Services received post discharge	NO CARER and DOES NOT need one	NO CARER and NEEDS one	CARER NOT living in	CARER living in - NOT codependent	CARER living in - codependent	All episodes in private residence
Number of episodes in private residence	19	2	18	4	4	
<b>Percent of episodes receiving:</b>						
No services	15.8	0.0	5.6	0.0	0.0	<b>8.5</b>
1 service type	31.6	0.0	5.6	0.0	0.0	<b>14.9</b>
2 service types	15.8	0.0	5.6	0.0	0.0	<b>8.5</b>
3 service types	31.6	0.0	22.2	25.0	25.0	<b>25.5</b>
4 or more service types	5.3	100.0	61.1	75.0	75.0	<b>42.6</b>
<b>Service Type received</b>						
Domestic assistance	26.3	100.0	50.0	100.0	75.0	<b>48.9</b>
Social support	10.5	100.0	22.2	75.0	50.0	<b>27.7</b>
Nursing care	10.5	100.0	61.1	100.0	75.0	<b>46.8</b>
Allied health care	52.6	100.0	83.3	100.0	75.0	<b>72.3</b>
Personal care	5.3	100.0	77.8	50.0	50.0	<b>44.7</b>
Meals	0.0	100.0	16.7	50.0	25.0	<b>17.0</b>
Provision of goods & equipment	26.3	100.0	77.8	75.0	100.0	<b>59.6</b>
Transport services	15.8	100.0	38.9	75.0	50.0	<b>36.2</b>
Case management	36.8	100.0	33.3	75.0	100.0	<b>46.8</b>

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

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

Carer status post discharge - SPECIALIST CY25						
Services received post discharge	NO CARER and DOES NOT need one	NO CARER and NEEDS one	CARER NOT living in	CARER living in - NOT codependent	CARER living in - codependent	All episodes in private residence
Number of episodes in private residence	144	9	166	45	32	
<b>Percent of episodes receiving:</b>						
No services	16.7	22.2	2.4	2.2	0.0	<b>7.8</b>
1 service type	41.0	0.0	6.6	6.7	3.1	<b>18.7</b>
2 service types	23.6	11.1	7.8	4.4	6.3	<b>13.1</b>
3 service types	11.1	0.0	9.6	6.7	6.3	<b>9.3</b>
4 or more service types	7.6	66.7	73.5	77.8	81.3	<b>50.5</b>
<b>Service Type received</b>						
Domestic assistance	15.3	44.4	67.5	71.1	81.3	<b>49.5</b>
Social support	5.6	44.4	41.6	44.4	71.9	<b>31.3</b>
Nursing care	12.5	55.6	64.5	80.0	81.3	<b>48.5</b>
Allied health care	62.5	77.8	83.7	93.3	84.4	<b>77.0</b>
Personal care	4.2	55.6	70.5	68.9	78.1	<b>46.5</b>
Meals	0.7	44.4	22.3	37.8	46.9	<b>18.7</b>
Provision of goods & equipment	18.8	66.7	65.7	80.0	78.1	<b>51.3</b>
Transport services	8.3	55.6	51.2	64.4	62.5	<b>38.1</b>
Case management	34.0	66.7	56.0	71.1	68.8	<b>51.0</b>

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

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

Carer status post discharge - NON-SPECIALIST CY25						
Services received post discharge	NO CARER and DOES NOT need one	NO CARER and NEEDS one	CARER NOT living in	CARER living in - NOT codependent	CARER living in - codependent	All episodes in private residence
Number of episodes in private residence	227	9	81	152	24	
<b>Percent of episodes receiving:</b>						
No services	33.5	11.1	11.1	19.7	29.2	<b>24.9</b>
1 service type	34.8	33.3	8.6	21.7	16.7	<b>25.6</b>
2 service types	17.2	11.1	17.3	16.4	20.8	<b>17.0</b>
3 service types	5.7	11.1	19.8	13.2	8.3	<b>10.5</b>
4 or more service types	8.8	33.3	42.0	28.9	25.0	<b>21.7</b>
<b>Service Type received</b>						
Domestic assistance	18.1	44.4	51.9	36.8	29.2	<b>30.4</b>
Social support	4.4	33.3	28.4	13.8	20.8	<b>12.6</b>
Nursing care	6.6	22.2	29.6	20.4	29.2	<b>16.0</b>
Allied health care	54.2	77.8	65.4	64.5	66.7	<b>60.2</b>
Personal care	5.7	55.6	54.3	28.3	29.2	<b>22.7</b>
Meals	3.5	11.1	16.0	8.6	16.7	<b>7.9</b>
Provision of goods & equipment	16.7	22.2	38.3	38.2	25.0	<b>27.4</b>
Transport services	12.3	22.2	37.0	23.7	16.7	<b>20.3</b>
Case management	8.4	11.1	25.9	19.7	12.5	<b>15.0</b>

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

# Spinal Cord Injury specific data

# TSCI AIS grade at episode start and end at specialist facilities

Start AIS grade	First direct care		Not first direct care		All spinal cord injury	
	Episodes	%	Episodes	%	Episodes	%
A	106	35.5	16	44.4	122	36.4
B	38	12.7	5	13.9	43	12.8
C	58	19.4	5	13.9	63	18.8
D	96	32.1	10	27.8	106	31.6
E	(n<5)	(n<5)	0	0.0	(n<5)	(n<5)

End AIS grade	First direct care		Not first direct care		All spinal cord injury	
	Episodes	%	Episodes	%	Episodes	%
A	94	32.4	15	42.9	109	33.5
B	39	13.4	(n<5)	(n<5)	43	13.2
C	35	12.1	(n<5)	(n<5)	37	11.4
D	119	41.0	14	40.0	133	40.9
E	(n<5)	(n<5)	0	0.0	(n<5)	(n<5)

DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.  
MISSING DATA: 0 episode(s) did not record admission status; 25 episode(s) did not record AIS grade.

# TSCI AIS grade at episode start and end at non-specialist facilities

Start AIS grade	First direct care		Not first direct care		All spinal cord injury	
	Episodes	%	Episodes	%	Episodes	%
A	15	11.2	(n<5)	(n<5)	17	11.0
B	6	4.5	(n<5)	(n<5)	9	5.8
C	21	15.7	7	35.0	28	18.2
D	83	61.9	8	40.0	91	59.1
E	9	6.7	0	0.0	9	5.8

End AIS grade	First direct care		Not first direct care		All spinal cord injury	
	Episodes	%	Episodes	%	Episodes	%
A	14	10.8	(n<5)	(n<5)	15	10.1
B	6	4.6	(n<5)	(n<5)	8	5.4
C	10	7.7	7	36.8	17	11.4
D	91	70.0	9	47.4	100	67.1
E	9	6.9	0	0.0	9	6.0

DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.  
MISSING DATA: 2 episode(s) did not record admission status; 53 episode(s) did not record AIS grade.

# TSCI change in AIS grade from admission to discharge

Start AIS grade	End AIS grade - SPECIALIST CY25					End AIS grade - NON-SPECIALIST CY25				
	A	B	C	D	E	A	B	C	D	E
<b>A</b>	108	6 (n<5)	(n<5)	(n<5)	0	15	0	0	(n<5)	0
<b>B</b>	0	31	8 (n<5)	(n<5)	0	0	7	0	(n<5)	0
<b>C</b>	(n<5)	6	26	28	0	0	0	16	11	0
<b>D</b>	0	0	(n<5)	101	(n<5)	0	(n<5)	(n<5)	85	(n<5)
<b>E</b>	0	0	0	0	(n<5)	0	0	0	0	7

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

MISSING DATA: 25 SPECIALIST and 53 NON-SPECIALIST episode(s) did not record AIS grade.

# Change in level of TSCI from admission to discharge at specialist facilities

Level of injury	Episode end																																		
	Episode start	C1	C2	C3	C4	C5	C6	C7	C8	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	L1	L2	L3	L4	L5	S1	S2	S3	S4	S5				
C1		(n<5)	(n<5)	0	(n<5)	0	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
C2		(n<5)	7	(n<5)	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
C3		0	6	10	(n<5)	(n<5)	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
C4		(n<5)	0	(n<5)	45	7	6	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
C5		(n<5)	(n<5)	(n<5)	(n<5)	21	(n<5)	(n<5)	0	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	(n<5)	0	0	0	0	0	0	0	0				
C6		0	0	0	(n<5)	0	10	0	(n<5)	0	0	0	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
C7		0	0	0	0	0	(n<5)	7	(n<5)	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
C8		0	0	0	0	0	0	(n<5)	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
T1		0	0	0	0	0	0	0	0	(n<5)	0	0	0	0	0	0	0	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0				
T2		0	0	0	0	0	0	0	0	0	(n<5)	(n<5)	0	0	0	0	0	0	0	0	0	(n<5)	0	0	0	0	0	0	0	0	0				
T3		0	0	0	0	0	0	0	0	0	0	0	8	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
T4		0	0	0	0	0	0	0	0	0	(n<5)	0	10	0	(n<5)	0	0	0	0	0	0	(n<5)	0	0	0	0	0	0	0	0	0				
T5		0	0	0	0	0	0	0	0	0	0	0	0	(n<5)	(n<5)	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
T6		0	0	0	0	0	0	0	0	(n<5)	0	0	(n<5)	(n<5)	6	0	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
T7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
T8		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(n<5)	0	(n<5)	0	0	0	0	0	0	0	0	0	0	0				
T9		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(n<5)	(n<5)	0	0	0	0	0	0	0	0	0	0	0				
T10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(n<5)	9	(n<5)	0	0	0	0	0	0	0	0				
T11		0	0	0	0	0	0	0	0	0	0	0	0	0	0	(n<5)	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0				
T12		0	0	0	0	(n<5)	0	0	0	0	0	0	0	0	0	0	(n<5)	0	0	0	0	0	(n<5)	(n<5)	0	(n<5)	0	0	0	0	0				
L1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(n<5)	7	6	0	0	0	0	0	0				
L2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(n<5)	0	7	0	(n<5)	0	0	0	0	0				
L3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(n<5)	9	0	0	0	0	0	0	0			
L4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(n<5)	0	0	0	0	0			
L5		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
S1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(n<5)	0	0	0			
S2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
S3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
S4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S5		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

# Change in level of NTSCI from admission to discharge at specialist facilities

Level of injury Episode start	Episode end																													
	C1	C2	C3	C4	C5	C6	C7	C8	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	L1	L2	L3	L4	L5	S1	S2	S3	S4	S5
C1	6 (n<5)	0	0	0	0	(n<5)	0	0	0	0	0	0	0	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C2	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C3	0	0	14 (n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C4	0	0	0	14 (n<5)	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C5	0	0	0	0	17 (n<5)	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C6	0	0	0	0	0	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C7	0	0	0	0	0	0	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T1	0	0	0	0	0	0	0	0	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T2	0	0	0	0	0	0	0	0	0	(n<5)	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T3	0	0	0	(n<5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Completed ventilator data item - SPECIALIST CY25	<b>294</b>	<b>83.8%</b>
<b>N ventilator dependent</b>	<b>(n&lt;5)</b>	

Completed ventilator data item - NON-SPECIALIST CY25	<b>132</b>	<b>65.3%</b>
<b>N ventilator dependent</b>	<b>(n&lt;5)</b>	

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



# Low FIM score summary report



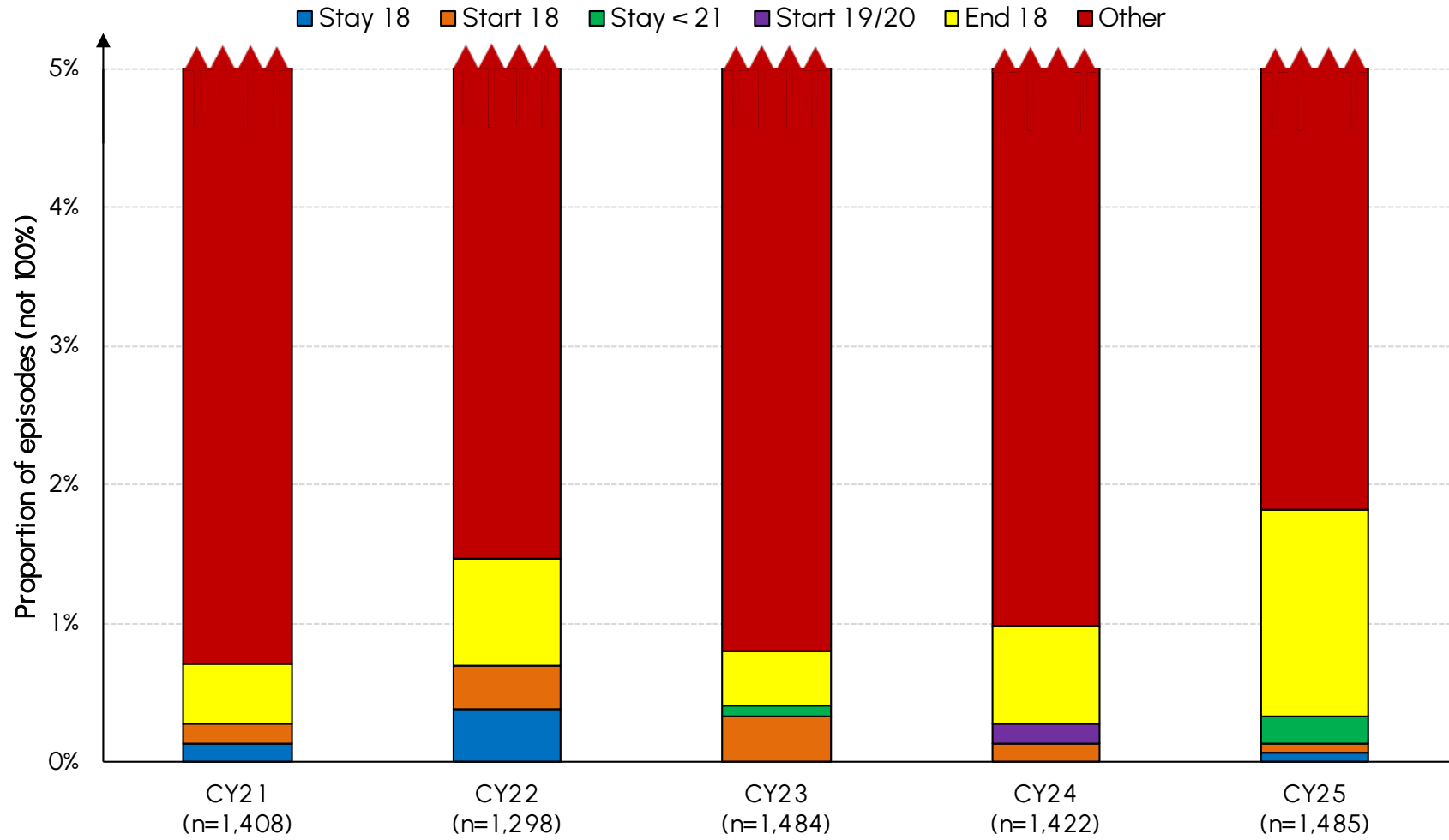
# Low FIM score Category Definitions

The FIM 18 categories are divided as follows:

- **Stay 18** – FIM score of 18 on admission AND discharge.
- **Start 18** – FIM score of 18 on admission, FIM score >18 on discharge
- **Stay <21** – FIM score of 19 or 20 on admission, score of  $\leq 20$  on discharge
- **Start 19/20** – FIM score of 19 or 20 on admission, score of >20 on discharge
- **End 18** – FIM score of >20 on admission, score of 18 on discharge
- **Other**

All information displayed in this section includes all Spine (TSCI and NTSCI) episodes, unless otherwise stated.

# Low FIM score Spinal Cord Injury episodes over time

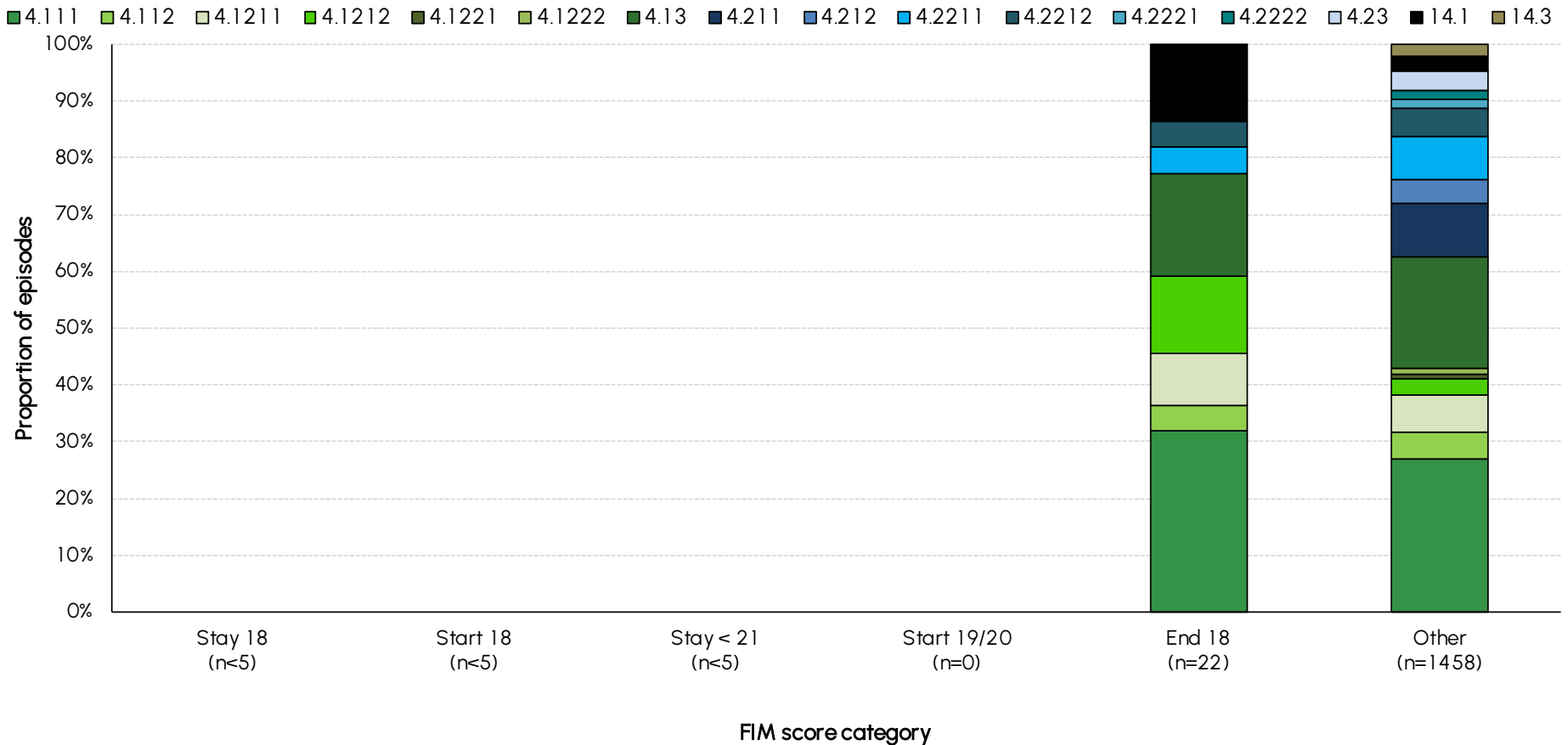


# Low FIM score Spinal Cord Injury episodes over time

Year	Stay 18	Start 18	Stay < 21	Start 19/20	End 18	Other
<b>YOUR FACILITY</b>						
CY21	0	0	0	0	0	0
CY22	0	0	0	0	0	0
CY23	0	0	0	0	0	0
CY24	0	0	0	0	0	0
CY25	0	0	0	0	0	0
<b>SPECIALISTS</b>						
CY21	(n<5)	0	0	0	0	638
CY22	(n<5)	(n<5)	0	0	(n<5)	572
CY23	0	(n<5)	(n<5)	0	(n<5)	672
CY24	0	(n<5)	0	(n<5)	(n<5)	650
CY25	(n<5)	(n<5)	(n<5)	0	10	643
<b>NON-SPECIALISTS</b>						
CY21	(n<5)	(n<5)	0	0	6	760
CY22	(n<5)	(n<5)	0	0	9	707
CY23	0	(n<5)	0	0	5	800
CY24	0	0	0	(n<5)	8	758
CY25	0	0	(n<5)	0	12	815

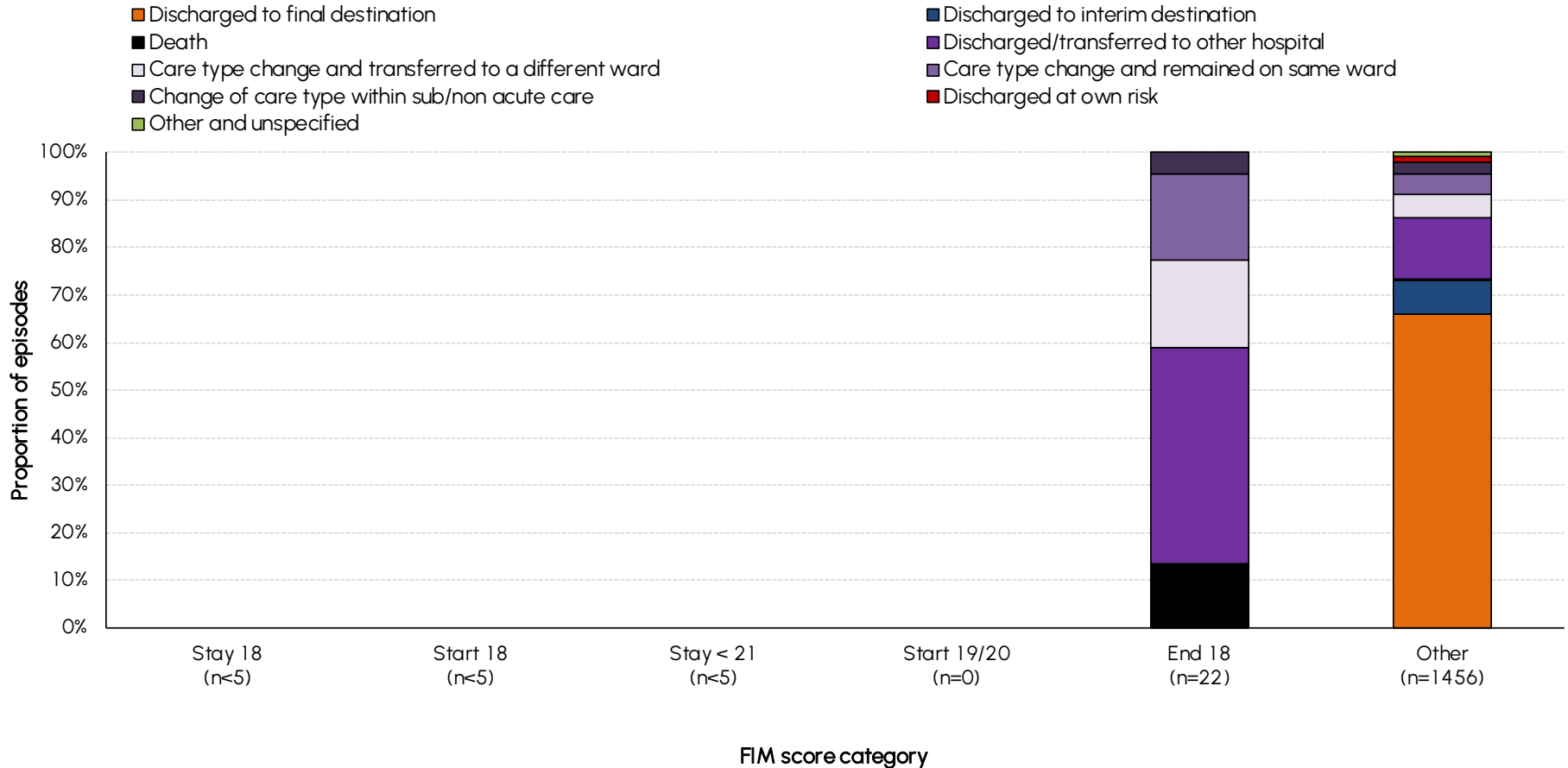
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Low FIM score impairment distribution



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

# Low FIM score mode of episode end



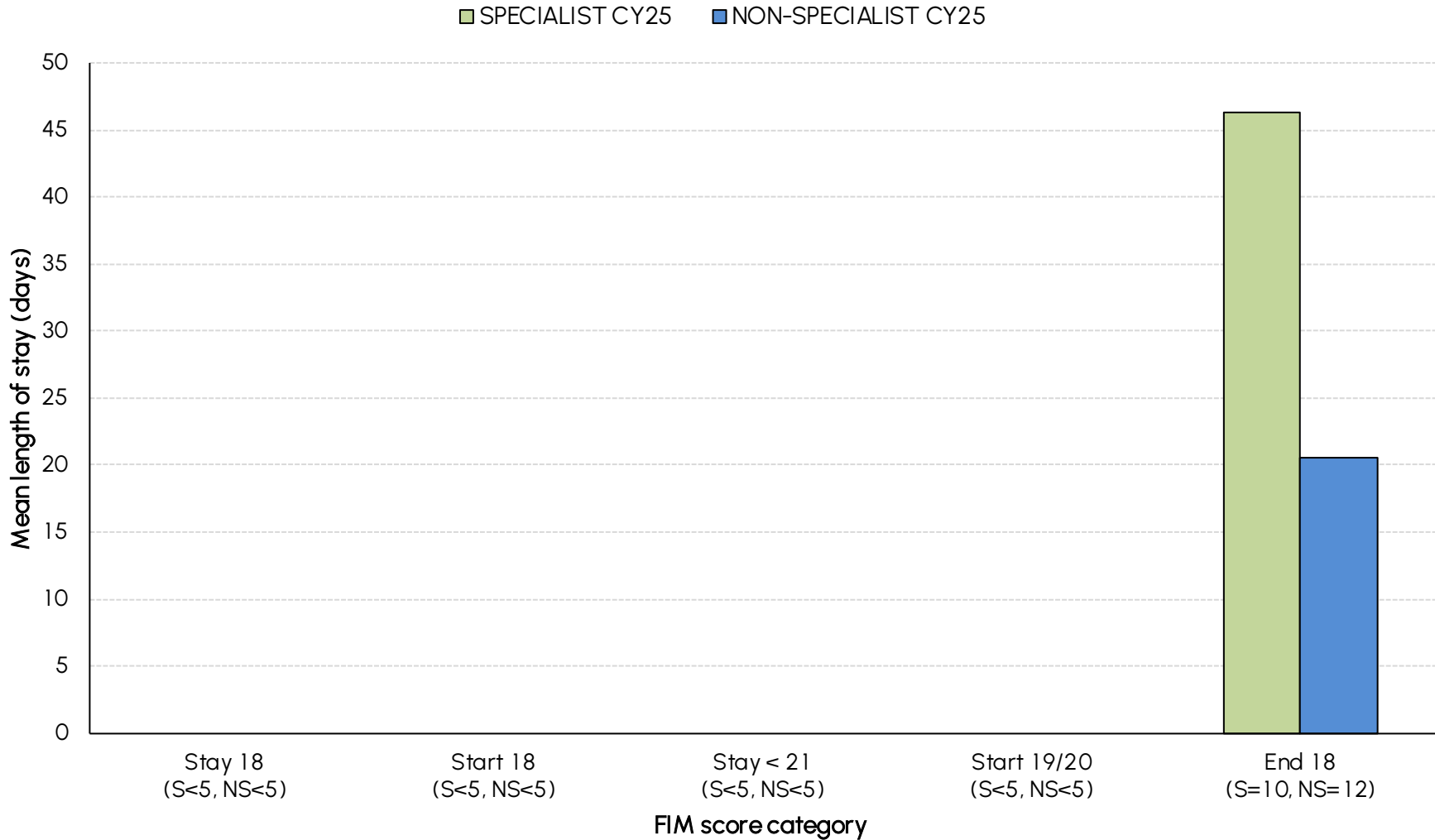
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Low FIM score mode of episode end

Mode of episode end	Stay 18	Start 18	Stay < 21	Start 19/20	End 18	Other
<b>YOUR FACILITY CY25</b>						
Discharged to final destination	0	0	0	0	0	0
Discharged to interim destination	0	0	0	0	0	0
Death	0	0	0	0	0	0
Discharged/transferred to other hospital	0	0	0	0	0	0
Care type change and transferred to a different ward	0	0	0	0	0	0
Care type change and remained on same ward	0	0	0	0	0	0
Change of care type within sub/non acute care	0	0	0	0	0	0
Discharged at own risk	0	0	0	0	0	0
Other and unspecified	0	0	0	0	0	0
All	0	0	0	0	0	0
<b>SPECIALIST CY25 (ALL FACILITIES)</b>						
Discharged to final destination	0	(n<5)	0	0	0	415
Discharged to interim destination	0	0	0	0	0	61
Death	0	0	0	0	(n<5)	(n<5)
Discharged/transferred to other hospital	(n<5)	0	0	0	7	77
Care type change and transferred to a different ward	0	0	(n<5)	0	0	32
Care type change and remained on same ward	0	0	0	0	0	18
Change of care type within sub/non acute care	0	0	0	0	0	19
Discharged at own risk	0	0	0	0	0	9
Other and unspecified	0	0	0	0	0	7
All	(n<5)	(n<5)	(n<5)	0	10	642
<b>NON-SPECIALIST CY25 (ALL FACILITIES)</b>						
Discharged to final destination	0	0	0	0	0	544
Discharged to interim destination	0	0	0	0	0	42
Death	0	0	0	0	0	(n<5)
Discharged/transferred to other hospital	0	0	0	0	(n<5)	114
Care type change and transferred to a different ward	0	0	0	0	(n<5)	37
Care type change and remained on same ward	0	0	(n<5)	0	(n<5)	43
Change of care type within sub/non acute care	0	0	(n<5)	0	(n<5)	19
Discharged at own risk	0	0	0	0	0	10
Other and unspecified	0	0	0	0	0	(n<5)
All	0	0	(n<5)	0	12	814

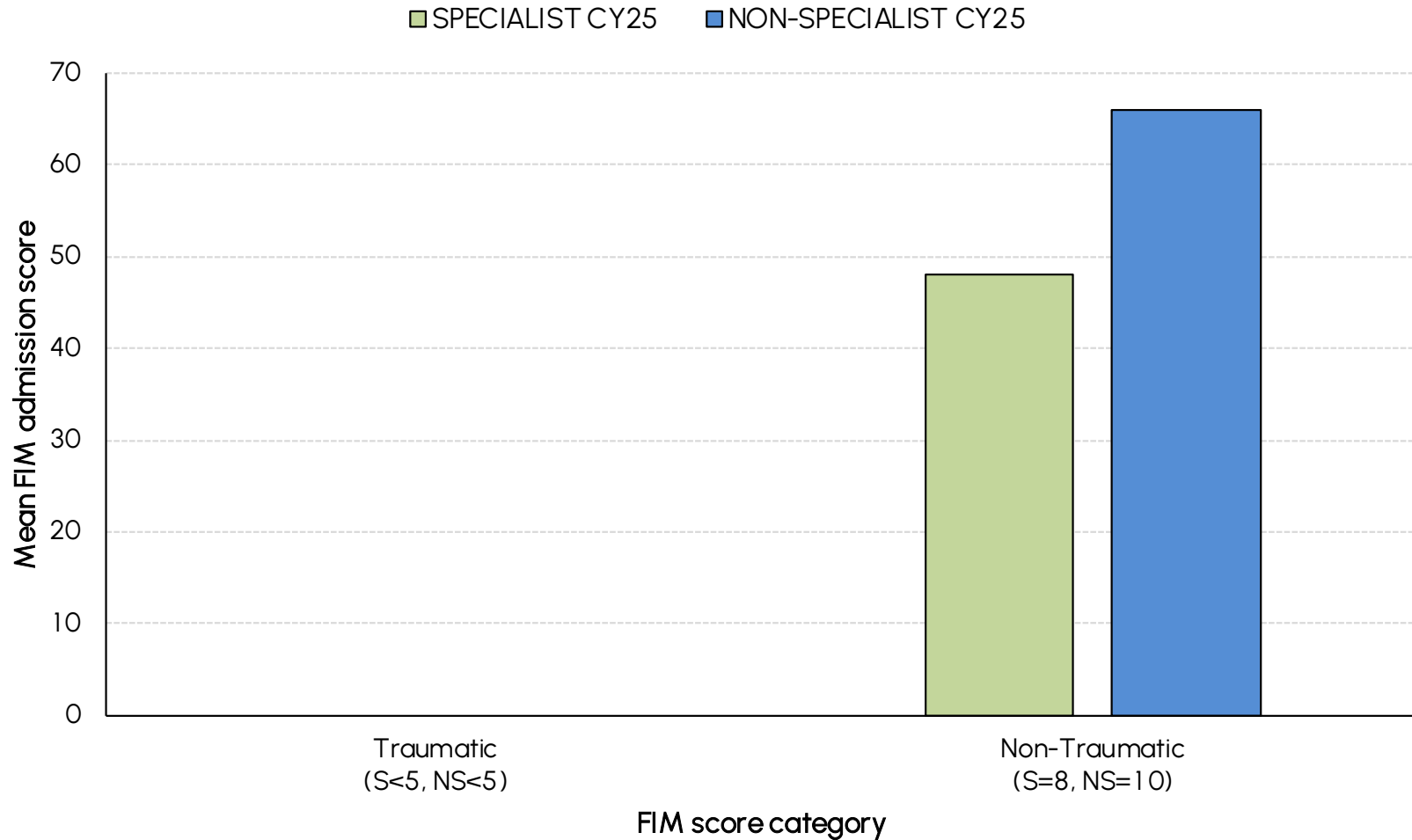
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Low FIM score mean length of stay



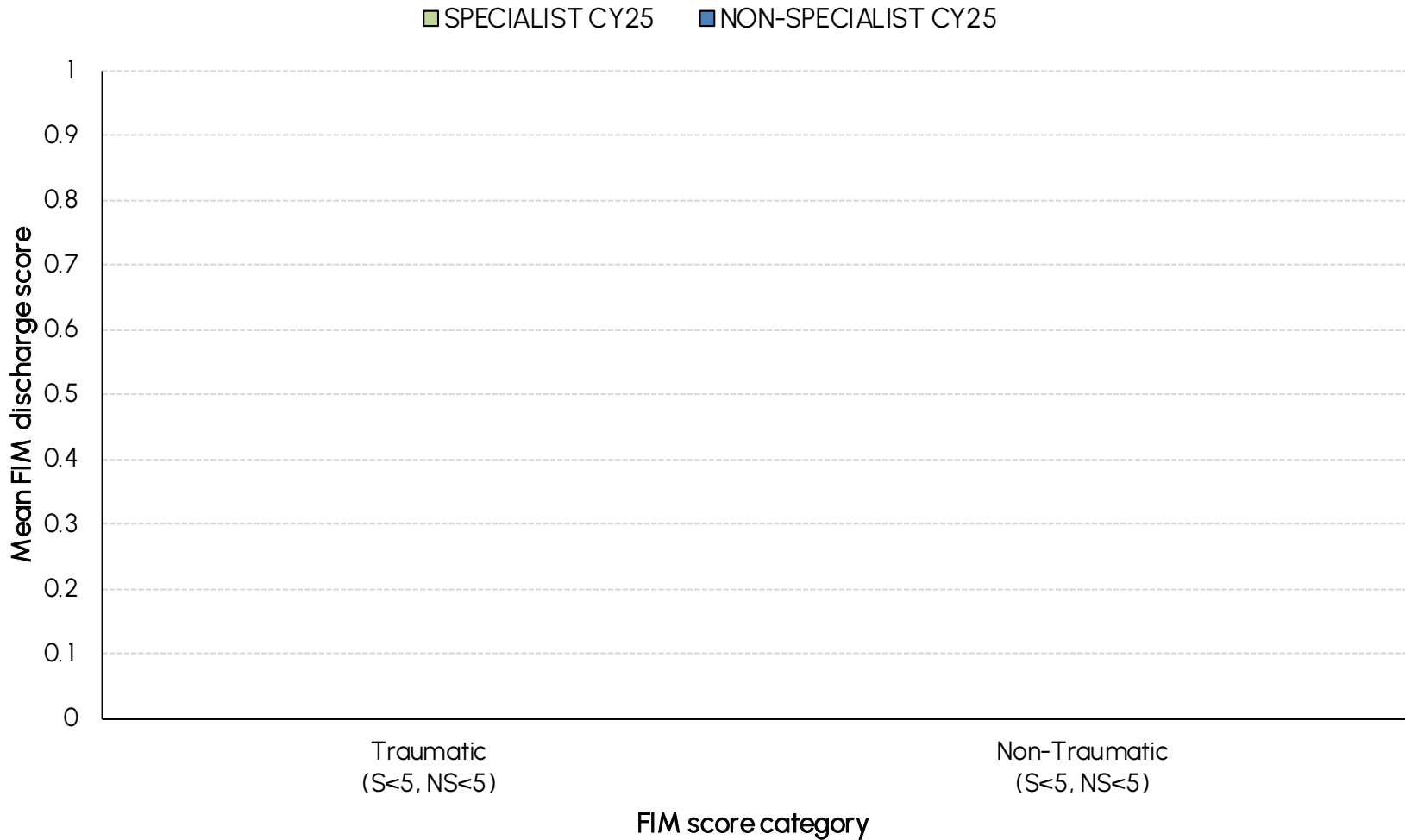
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Low FIM score mean FIM admission — episodes with end FIM=18



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

# Low FIM score mean FIM discharge — episodes with start FIM $\leq 20$



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

# 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.

# Appendix 1: Glossary

## COVID-19 (cont.)

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

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

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

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

# Appendix 1: Glossary

## Data Concatenation

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

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

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

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

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

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

## Data completeness score

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

# Appendix 1: Glossary

## Functional Independence Measure (FIM)

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

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

## FIM change

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

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

## FIM efficiency

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

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

## Submitted versus reporting episodes

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

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

# Appendix 1: Glossary

## Valid FIM

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

## Valid LOS

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

## Version 4 data set

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

# Appendix 2: AROC Impairment Codes

## STROKE

### Haemorrhagic

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

### Ischaemic

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

## BRAIN INJURY

### Non-traumatic

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

### Traumatic

- 2.21 Open injury
- 2.22 Closed injury

## NEUROLOGICAL CONDITIONS

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

## SPINAL CORD INJURY

### Non traumatic

- 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

- 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 Inpatient 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

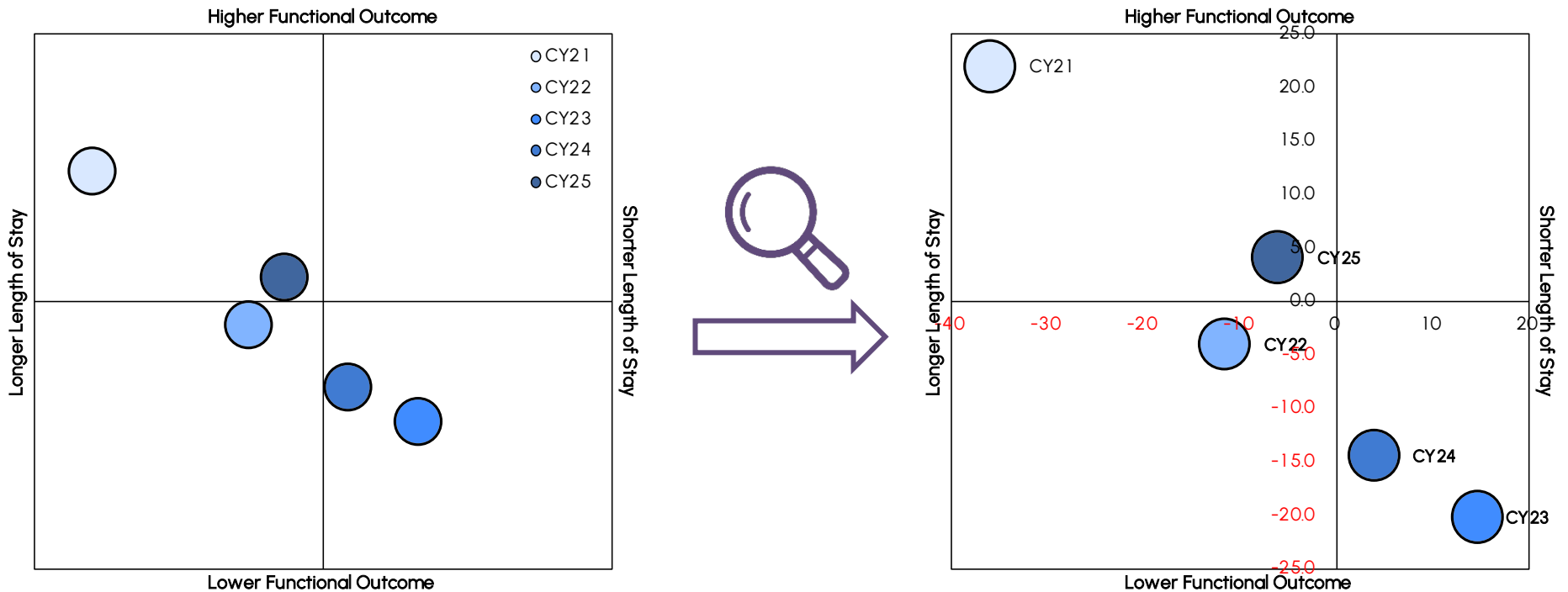
## Class Description of AN-SNAP Class

- 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).



Axes are locked to match the dashboard, your facility has 0 data point(s) outside the plot

INCLUDES: 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).

## EPISODE 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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