

# AROC Impairment Specific Report

## Brain Injury Report

### INPATIENT – PATHWAY 3

1 January 2025 – 31 December 2025

Anywhere Hospital



**Australasian  
Faculty of  
Rehabilitation  
Medicine**

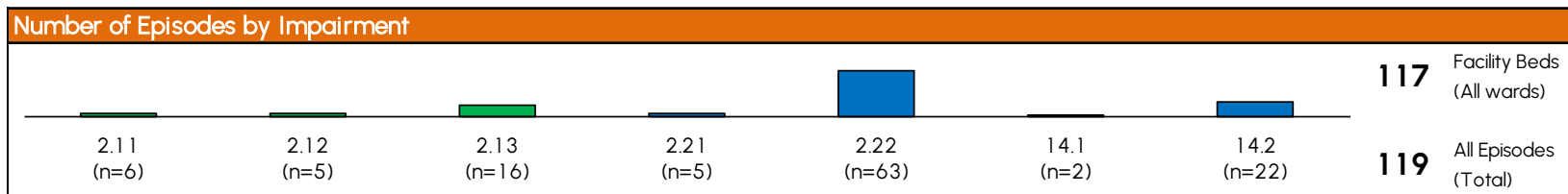
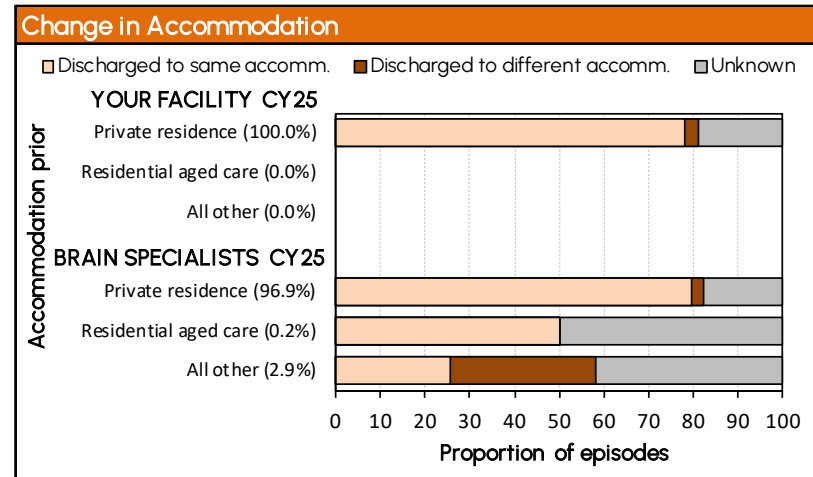
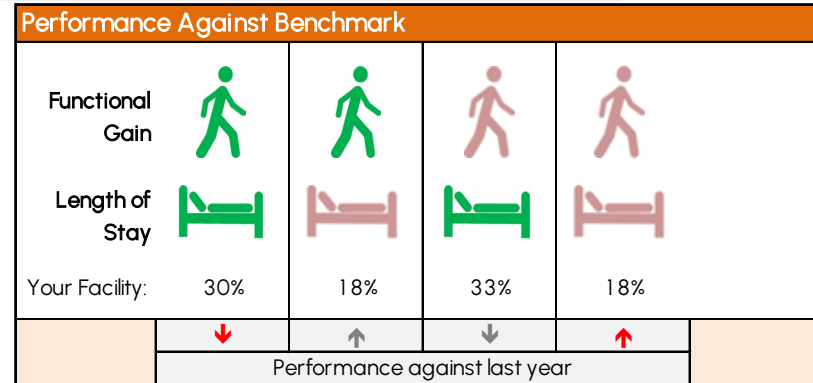
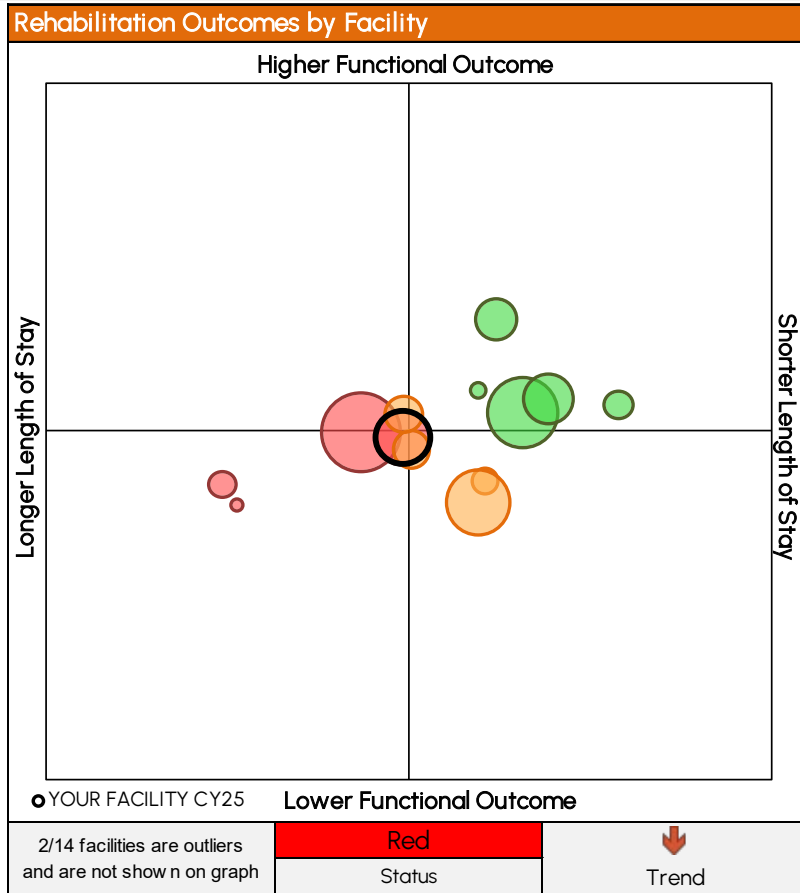


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AUSTRALIA**

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# Brain Injury Dashboard



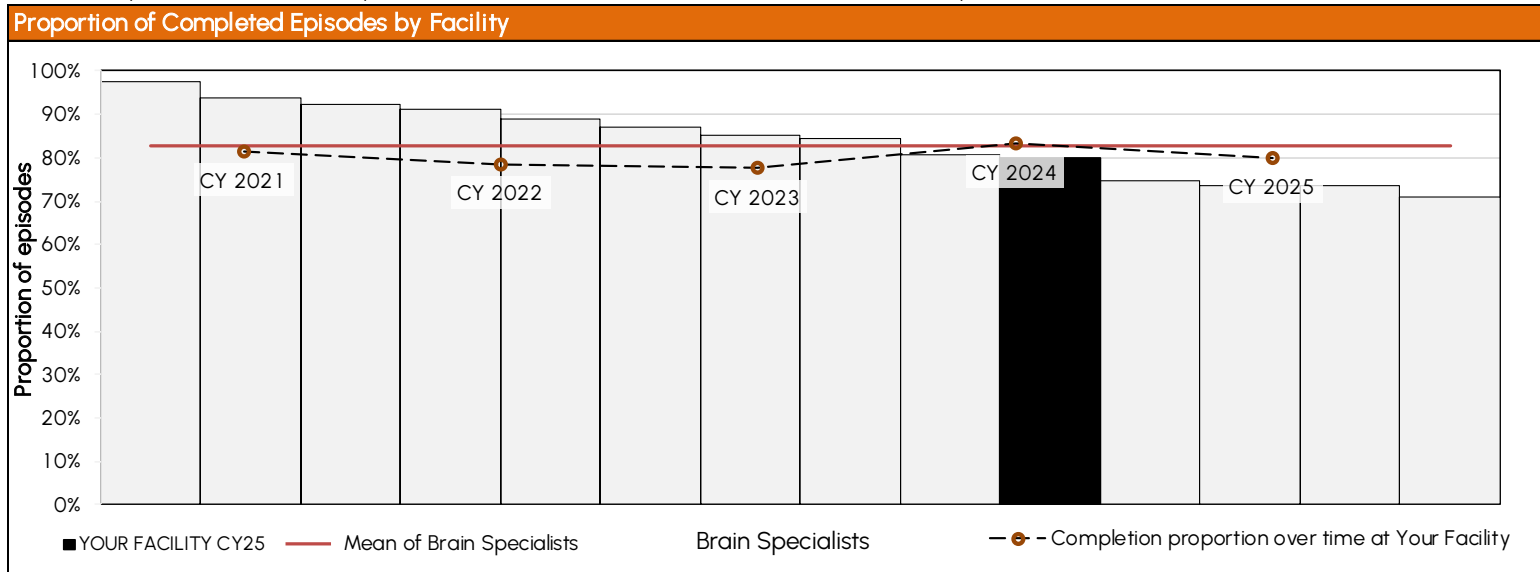
# Brain Injury Dashboard

Key Indicators*	
YOUR FACILITY CY25	BRAIN SPECIALISTS CY25
Age: <b>45.9</b>	Age: <b>46.9</b>
Mortality Rate: <b>0.0%</b>	Mortality Rate: <b>0.3%</b>
% with at least one comorbidity: <b>45%</b>	% with at least one comorbidity: <b>48%</b>
% with at least one complication: <b>36%</b>	% with at least one complication: <b>38%</b>
% episodes with start delays: <b>39%</b>	% episodes with start delays: <b>39%</b>
Days between onset and rehab episode: <b>33.7</b>	Days between onset and rehab episode: <b>31.3</b>
Days between clinically rehab ready & start date: <b>2.8</b>	Days between clinically rehab ready & start date: <b>3.1</b>

\* Mean value provided unless otherwise specified

Facility FIM Training*	
FIM Credentialed Staff per 100 Episodes	FIM Credentialed Facility Trainers
 11.7 YOUR FACILITY CY25	<b>3</b> Your Facility
 19.8 Brain Specialists (Mean)	<b>2</b> AROC Suggested Minimum

\* This includes all impairments from all wards



# Data used in this report

- Brain 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 brain 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.
- 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 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.

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

# Brain injury impairment codes

Brain injury episodes were identified as those with the following AROC impairment codes:

## **Traumatic**

- 2.21 – Brain Injury, Open injury
- 2.22 – Brain Injury, Closed injury
- 14.1 – Major Multiple Trauma, Brain + spinal cord injury
- 14.2 – Major Multiple Trauma, Brain injury + multi fracture/amputation

## **Non-traumatic**

- 2.11 – Brain Injury, Sub-arachnoid haemorrhage
- 2.12 – Brain Injury, Anoxic brain damage
- 2.13 – Brain Injury, Other non-traumatic brain injury

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

# Brain injury AN-SNAP classes

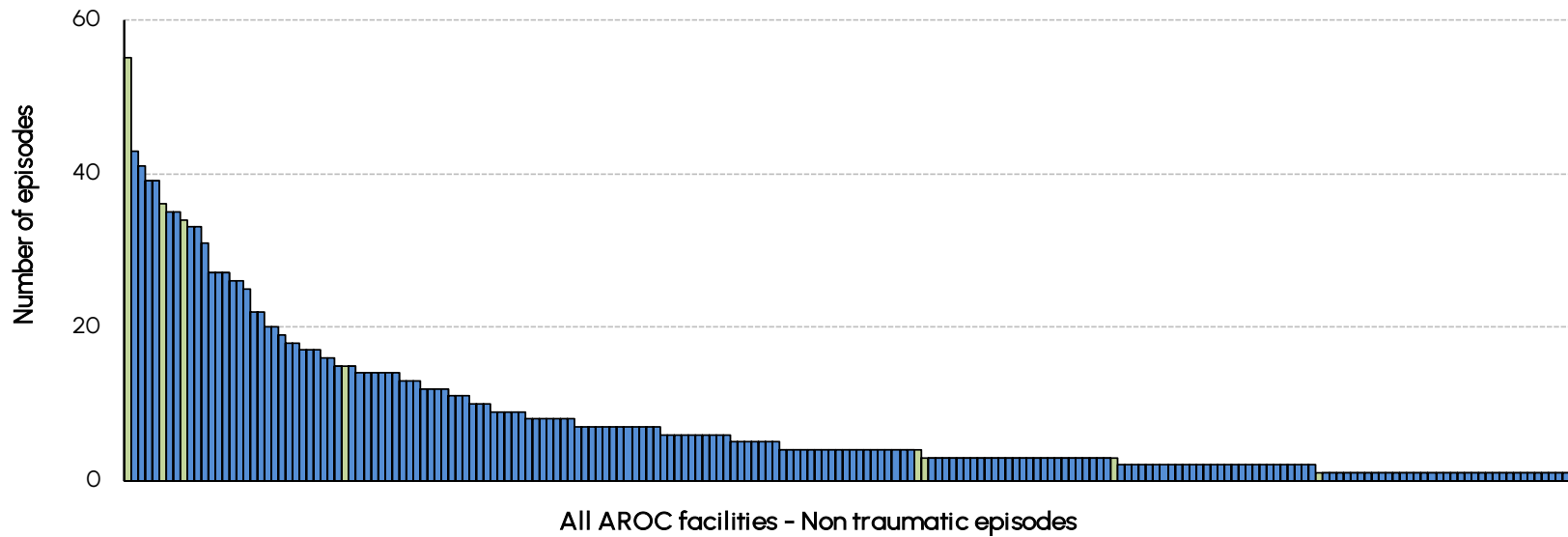
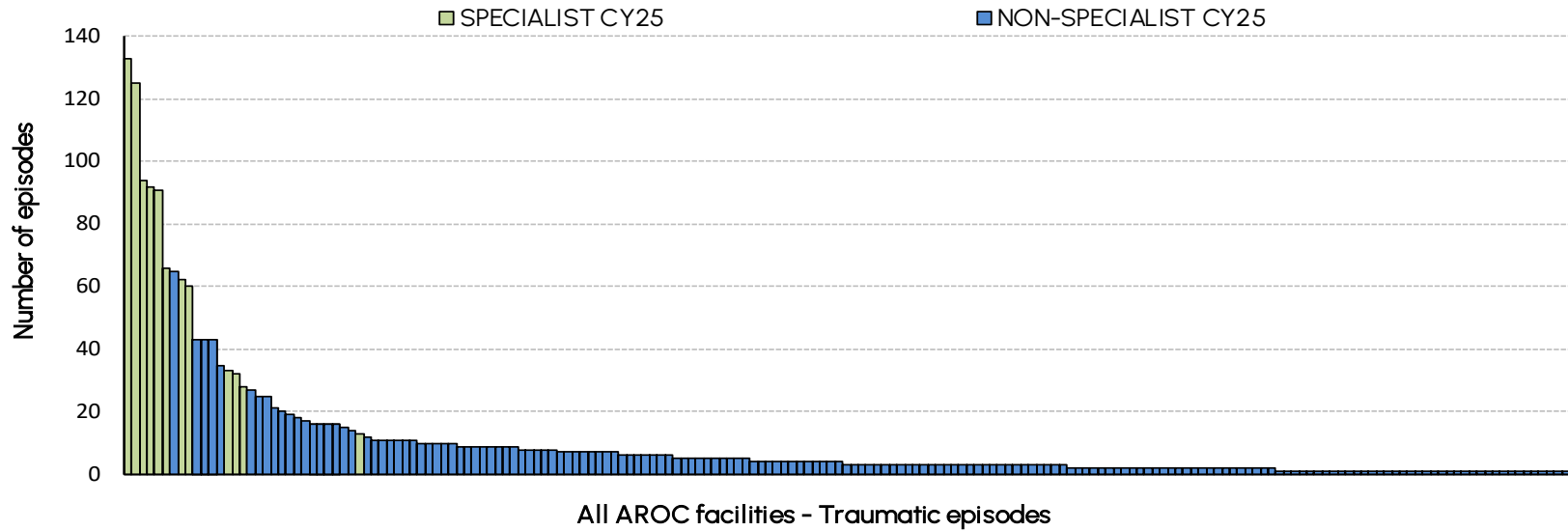
Levels of functioning for brain injury are categorised by the following version 5 AN-SNAP classes:

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

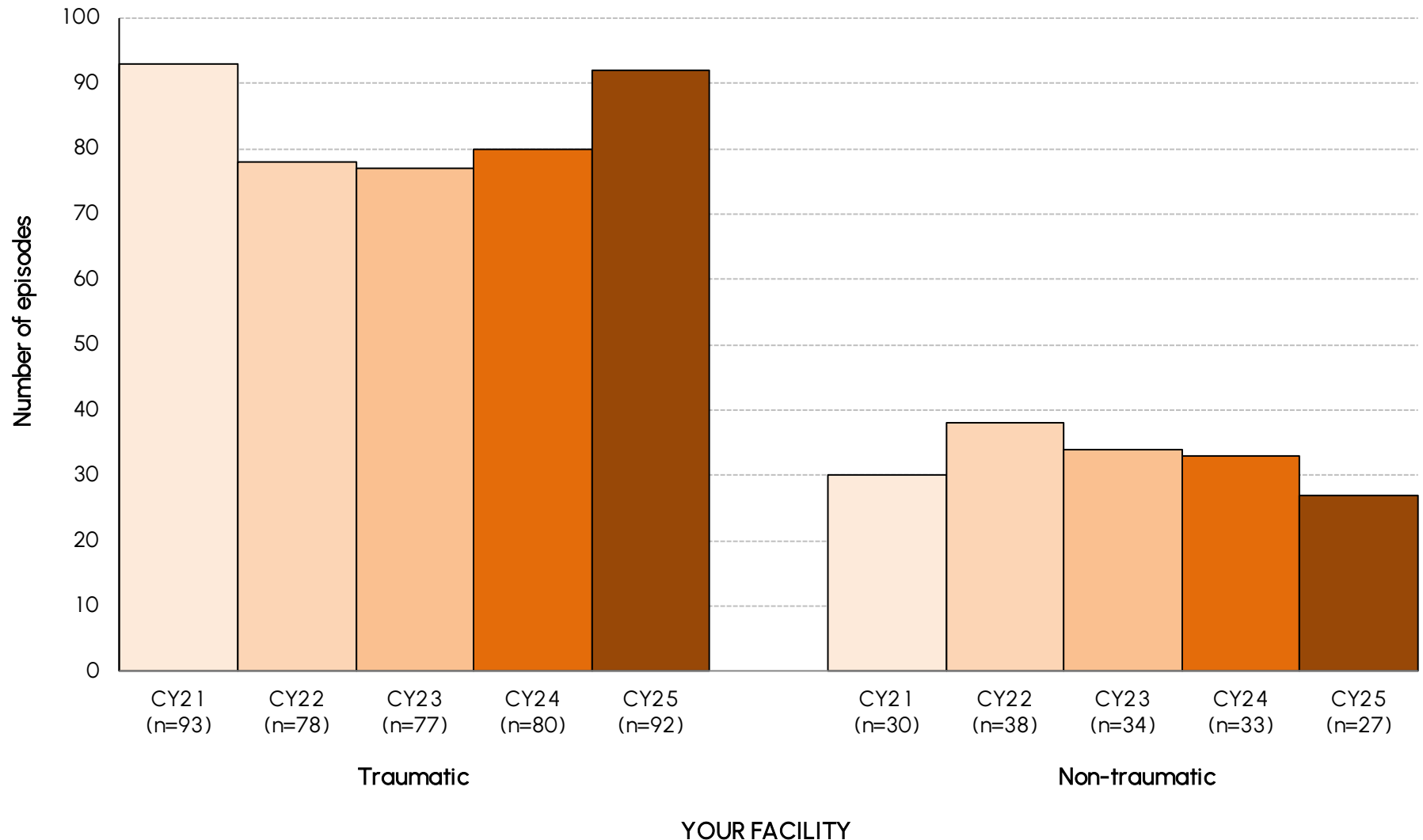
Note: A list of all AN-SNAP classes can be found in Appendix 3

# The BIG Picture

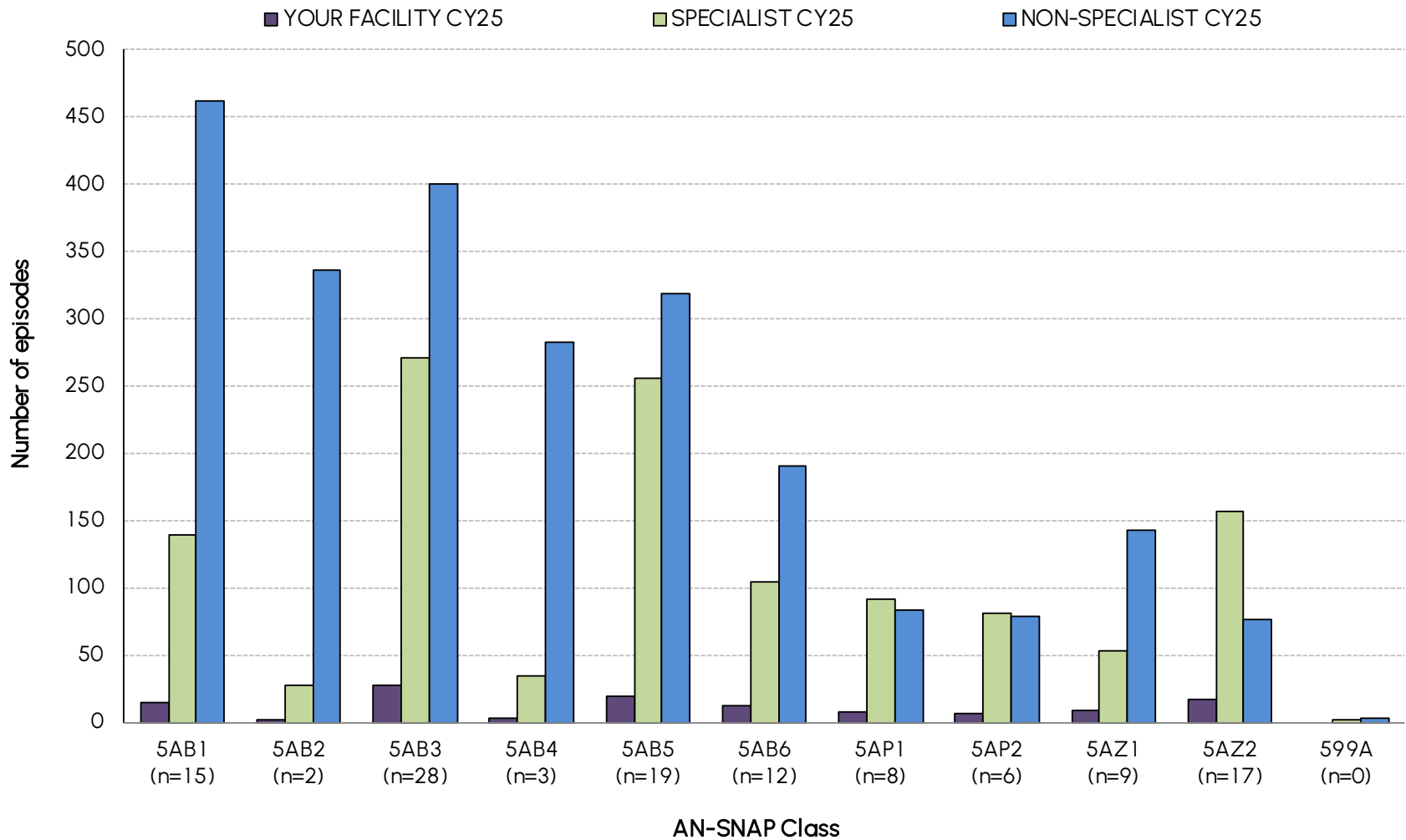
# Volume of episodes by facilities treating brain injury



# Number of traumatic and non-traumatic brain injury episodes over time at your facility



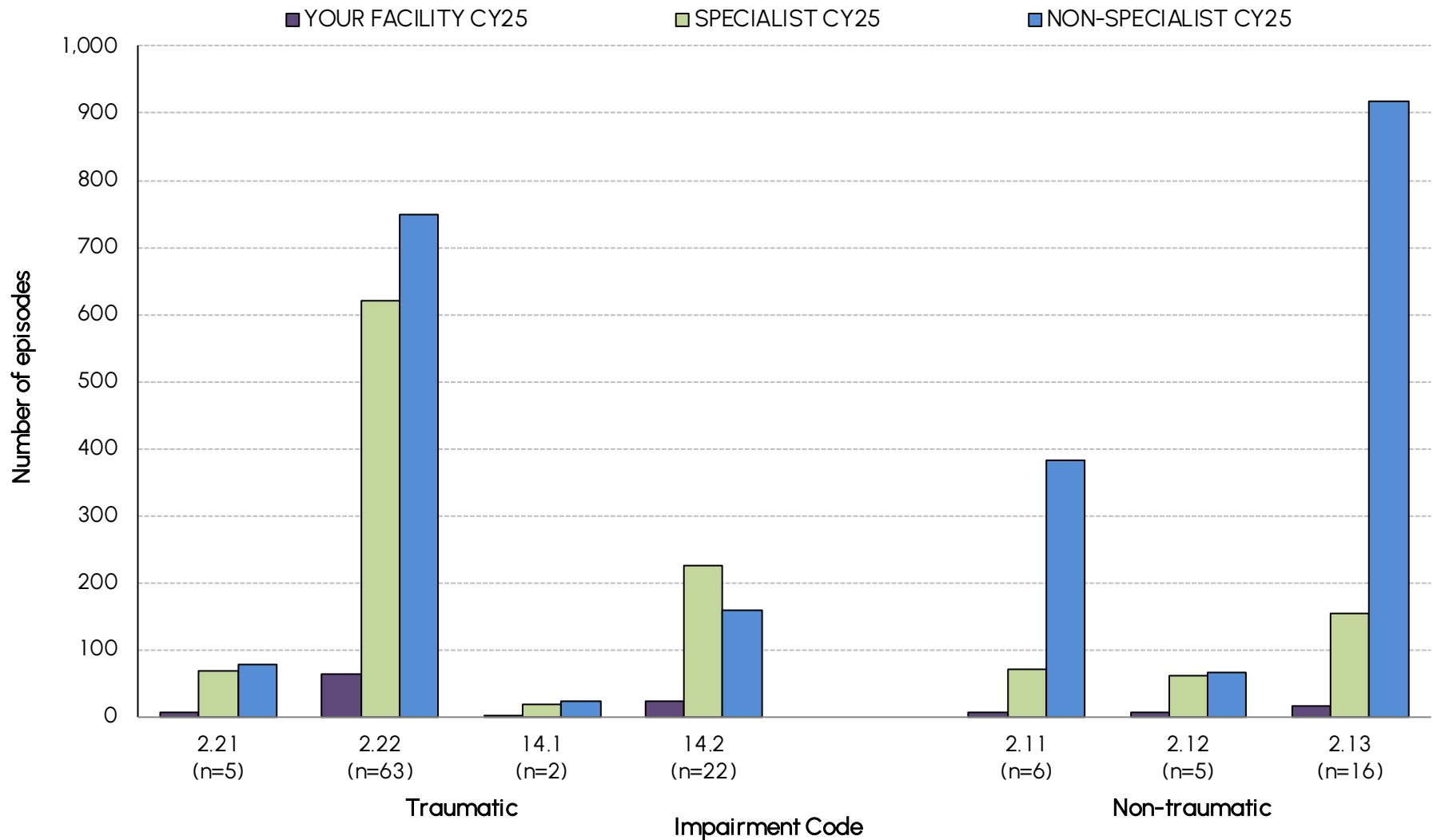
# Number of traumatic and non-traumatic brain injury episodes by AN-SNAP class



# Number of traumatic and non-traumatic brain injury episodes by AN-SNAP class

AN-SNAP class	YOUR FACILITY CY25		SPECIALIST CY25		NON-SPECIALIST CY25	
	N	%	N	%	N	%
5AB1 (Bl, weighted FIM motor 59-91, FIM cog 27-35)	15	12.6	139	11.4	462	19.5
5AB2 (Bl, weighted FIM motor 19-58, FIM cog 27-35)	2	1.7	27	2.2	336	14.2
5AB3 (Bl, weighted FIM motor 50-91, FIM cog 19-26)	28	23.5	271	22.3	400	16.8
5AB4 (Bl, weighted FIM motor 19-49, FIM cog 19-26)	3	2.5	35	2.9	283	11.9
5AB5 (Bl, weighted FIM motor 39-91, FIM cog 5-18)	19	16.0	256	21.1	318	13.4
5AB6 (Bl, weighted FIM motor 19-38, FIM cog 5-18)	12	10.1	104	8.6	191	8.0
5AP1 (MMT, weighted FIM motor 51-91)	8	6.7	91	7.5	83	3.5
5AP2 (MMT, weighted FIM motor 19-50)	6	5.0	81	6.7	79	3.3
5AZ1 (Bl or MMT, age ≥ 59, weighted FIM motor 13-18)	9	7.6	53	4.4	143	6.0
5AZ2 (Bl or MMT, age ≤ 58, weighted FIM motor 13-18)	17	14.3	157	12.9	76	3.2
599A (Ungroupable)	0	0.0	2	0.2	3	0.1
<b>All Brain AN-SNAP classes</b>	<b>119</b>	<b>100.0</b>	<b>1,216</b>	<b>100.0</b>	<b>2,374</b>	<b>100.0</b>

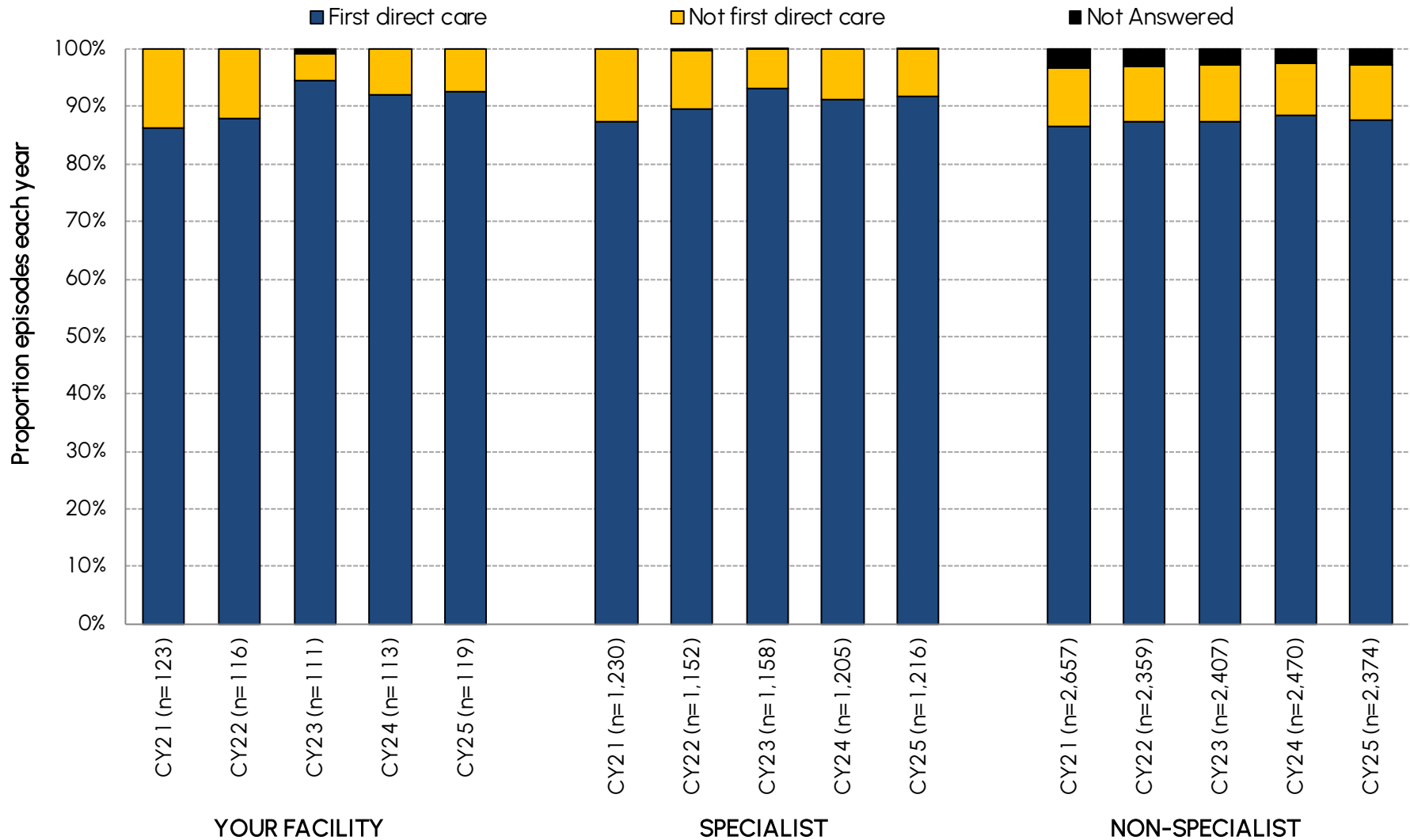
# Number of traumatic and non-traumatic brain injury episodes by impairment code



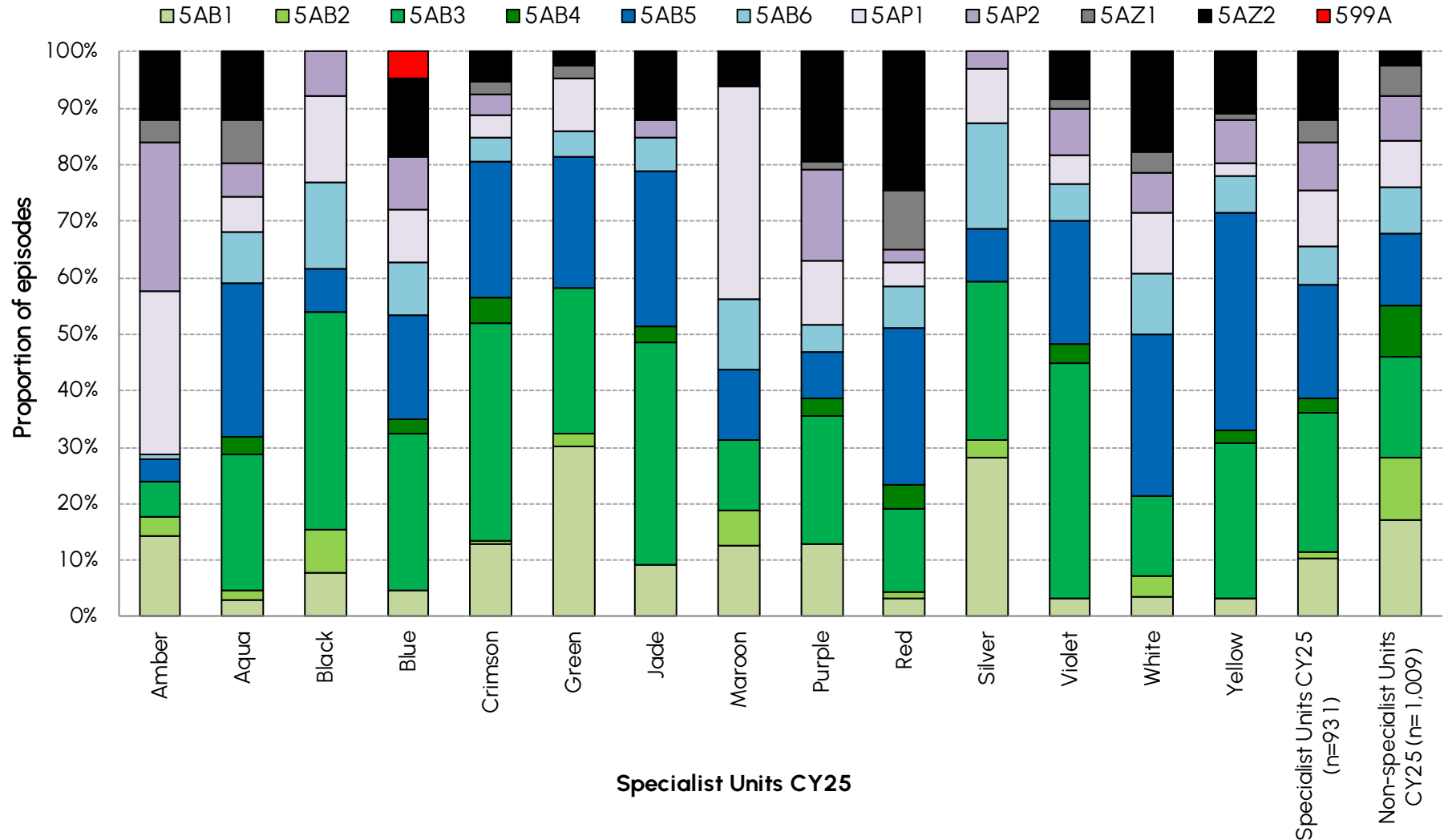
# Number of traumatic and non-traumatic brain injury episodes by impairment code

Impairment	YOUR FACILITY CY25		SPECIALIST CY25		NON-SPECIALIST CY25	
	N	%	N	%	N	%
<b><u>Traumatic impairments</u></b>						
2.21 Open injury	5	5.4	68	7.3	78	7.7
2.22 Closed injury	63	68.5	621	66.7	750	74.3
14.1 MMT: brain+spine	2	2.2	18	1.9	23	2.3
14.2 MMT: brain+other	22	23.9	224	24.1	158	15.7
<b>All TBI impairment codes</b>	<b>92</b>	<b>100.0</b>	<b>931</b>	<b>100.0</b>	<b>1,009</b>	<b>100.0</b>
<b><u>Non-traumatic impairments</u></b>						
2.11 Sub-arachnoid haemorrhage	6	22.2	70	24.6	382	28.0
2.12 Anoxic brain damage	5	18.5	61	21.4	65	4.8
2.13 Other NTBI	16	59.3	154	54.0	918	67.3
<b>All NTBI impairment codes</b>	<b>27</b>	<b>100.0</b>	<b>285</b>	<b>100.0</b>	<b>1,365</b>	<b>100.0</b>
<b>All Brain Injury episodes</b>	<b>119</b>		<b>1,216</b>		<b>2,374</b>	

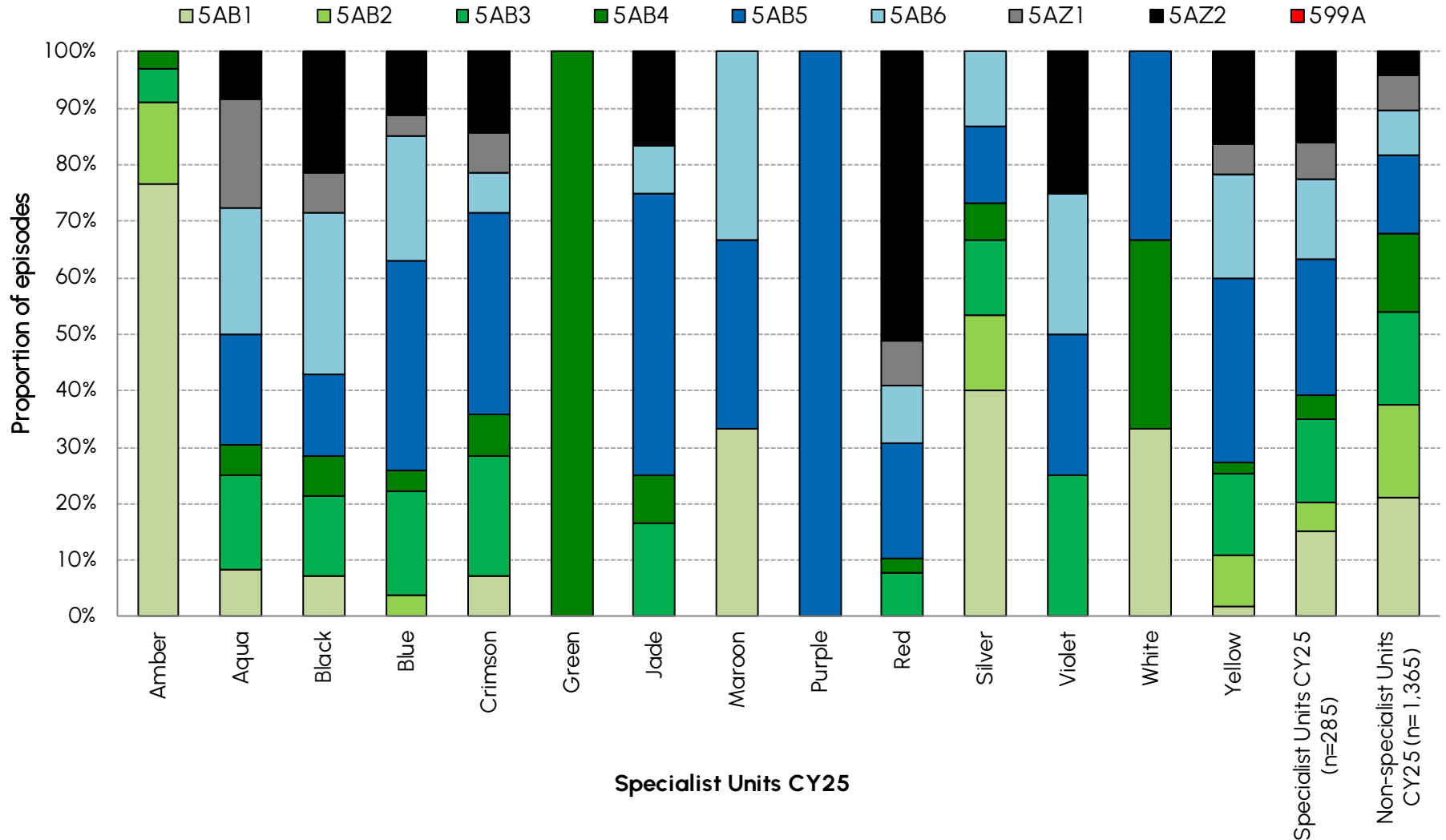
# Proportion of first direct care episodes over time



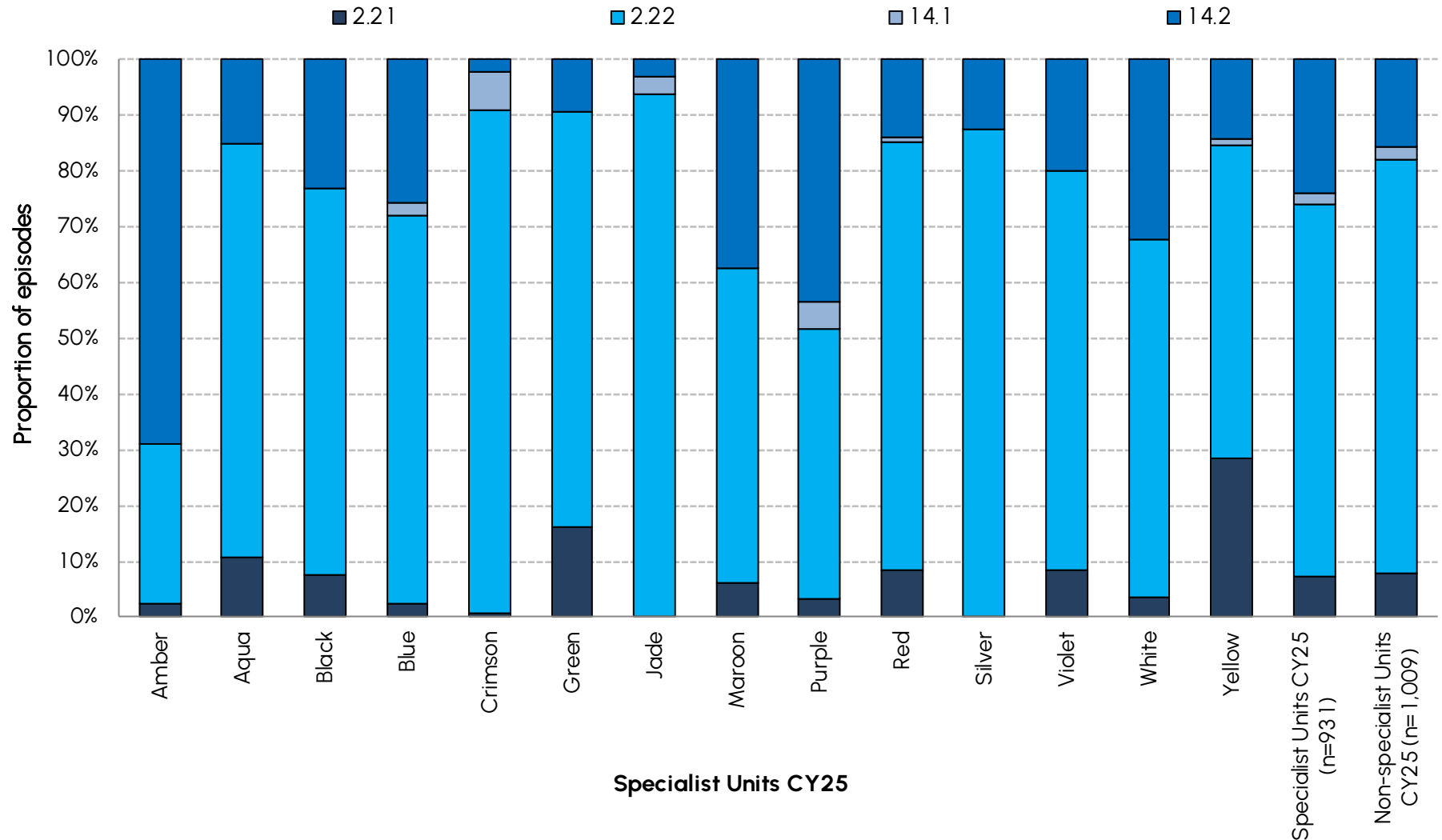
# Proportion of traumatic episodes by AN-SNAP class and specialist facility



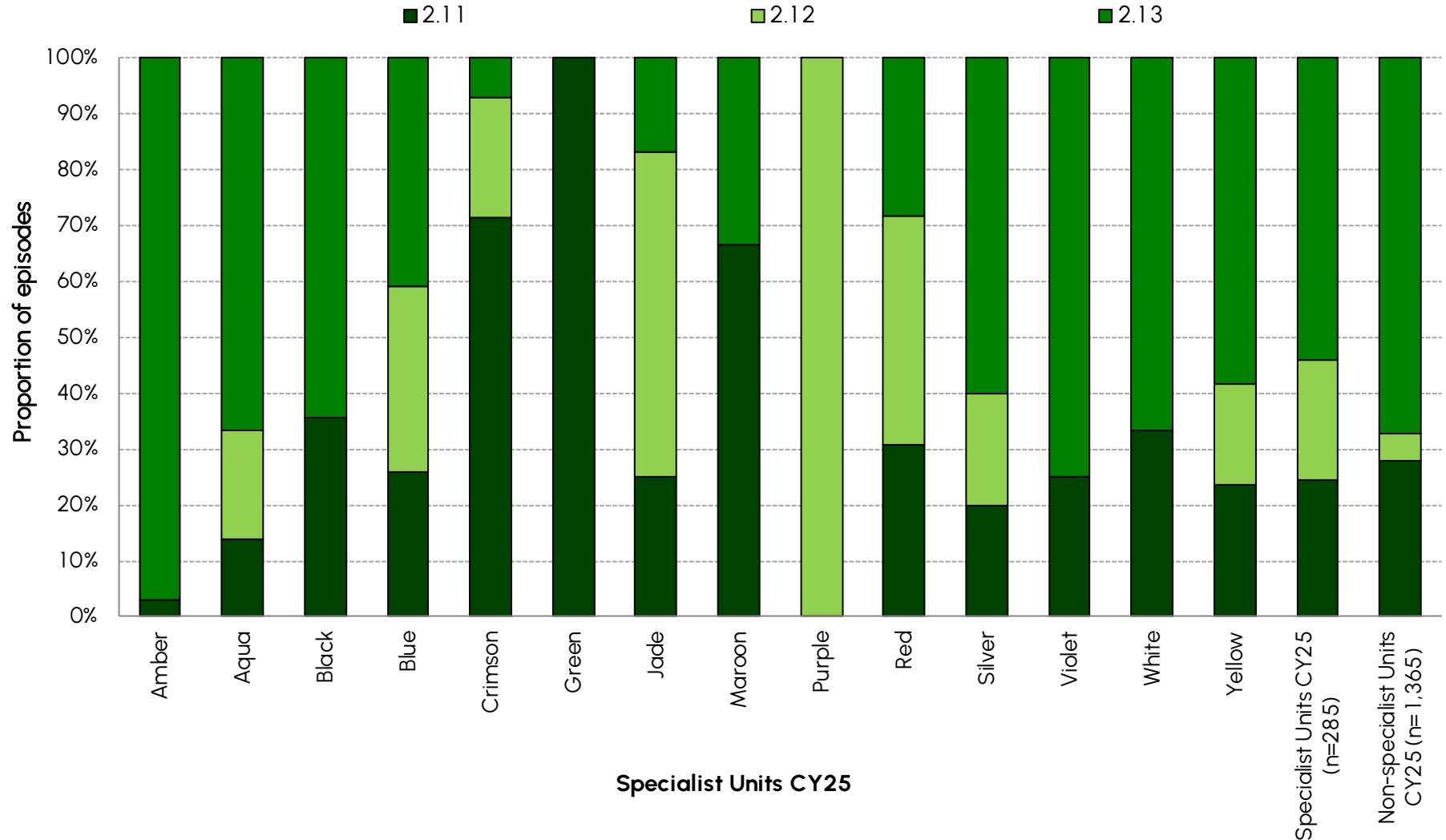
# Proportion of non-traumatic episodes by AN-SNAP class and specialist facility



# Proportion of traumatic episodes by impairment code and specialist facility



# Proportion of non-traumatic episodes by impairment code and specialist facility



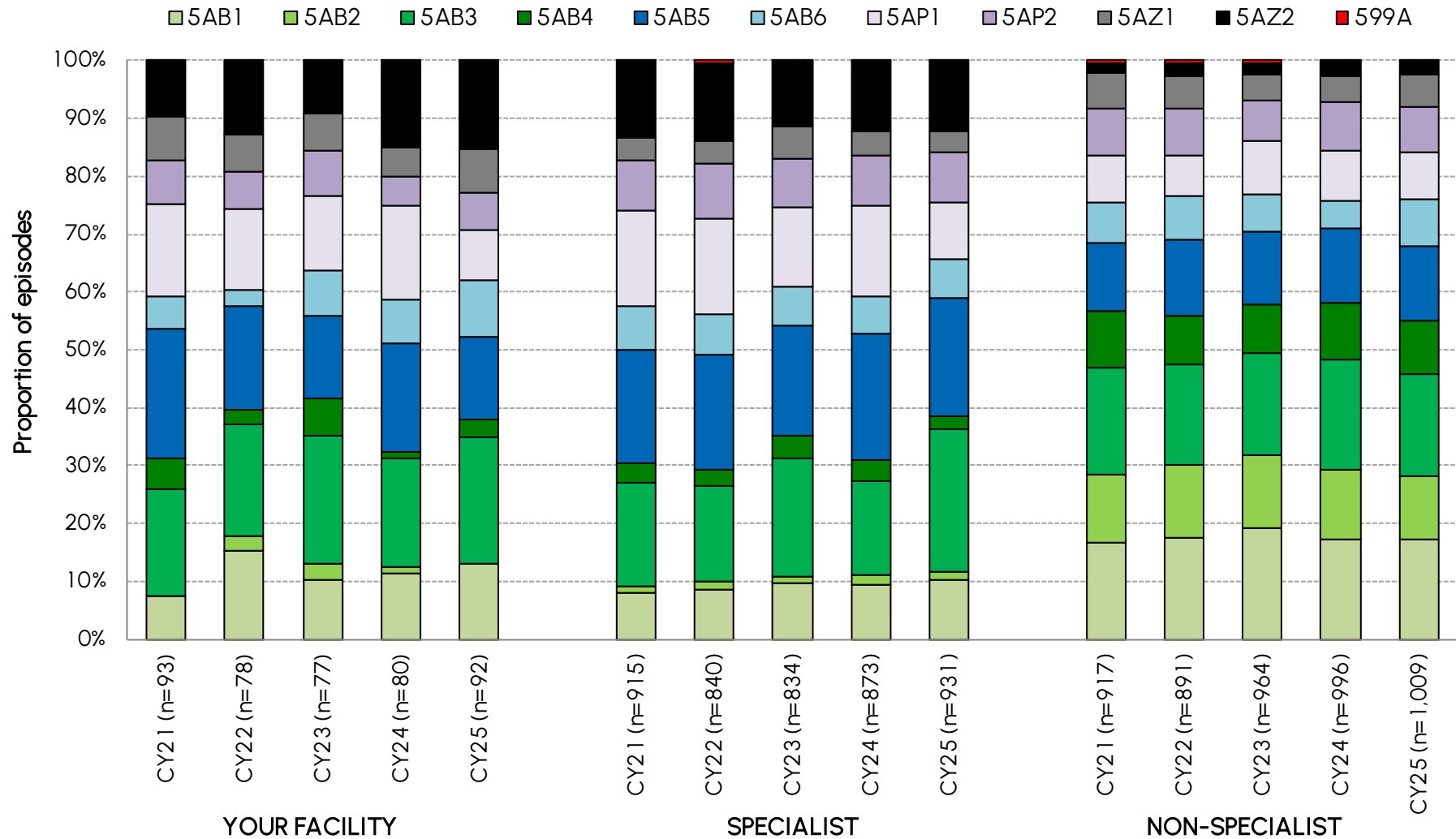
# Number of traumatic and non-traumatic brain injury episodes by impairment code and AN-SNAP class

YOUR FACILITY CY25													SPECIALIST		NON-SPECIALIST
Traumatic	YOUR FACILITY CY25												All TBI classes	CY25	CY25
Impairment	5AB1	5AB2	5AB3	5AB4	5AB5	5AB6	5AP1	5AP2	5AZ1	5AZ2	599A				
2.21 Open injury	0	0	0	1	0	2	0	0	0	2	0	5	68	78	
2.22 Closed injury	12	0	20	2	13	7	0	0	4	5	0	63	621	750	
14.1 MMT: brain+spine	0	0	0	0	0	0	1	0	1	0	0	2	18	23	
14.2 MMT: brain+other	0	0	0	0	0	0	7	6	2	7	0	22	224	158	
<b>All TBI impairment codes</b>	<b>12</b>	<b>0</b>	<b>20</b>	<b>3</b>	<b>13</b>	<b>9</b>	<b>8</b>	<b>6</b>	<b>7</b>	<b>14</b>	<b>0</b>	<b>92</b>	<b>931</b>	<b>1,009</b>	
<b>SPECIALIST</b>	<b>96</b>	<b>12</b>	<b>229</b>	<b>23</b>	<b>188</b>	<b>63</b>	<b>91</b>	<b>81</b>	<b>35</b>	<b>111</b>	<b>2</b>	<b>931</b>			
<b>NON-SPECIALIST</b>	<b>174</b>	<b>111</b>	<b>178</b>	<b>93</b>	<b>129</b>	<b>82</b>	<b>83</b>	<b>79</b>	<b>56</b>	<b>24</b>	<b>0</b>	<b>1,009</b>			

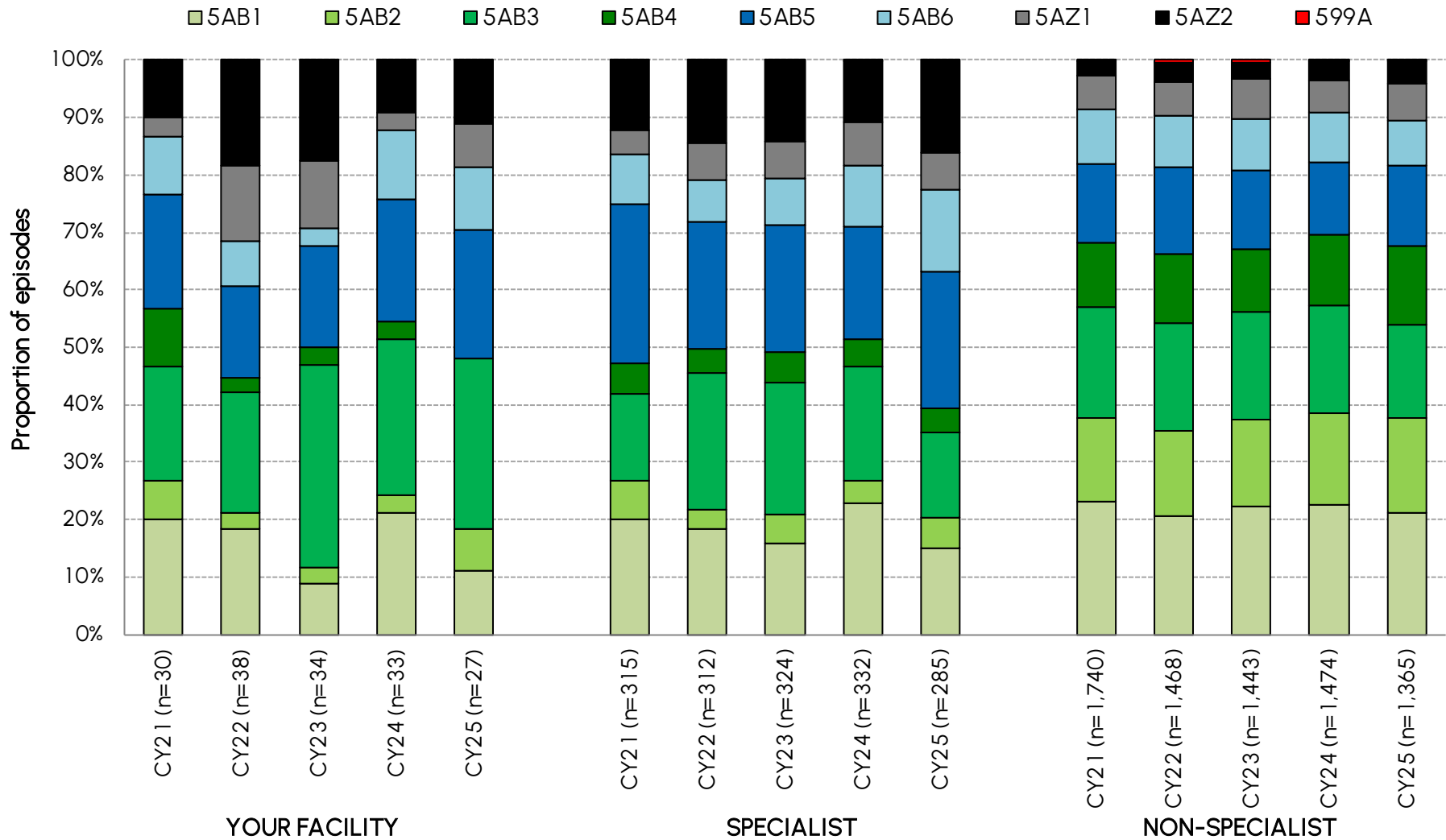
  

YOUR FACILITY CY25											All NTBI	SPECIALIST	NON-SPECIALIST
Non-traumatic	YOUR FACILITY CY25										classes	CY25	CY25
Impairment	5AB1	5AB2	5AB3	5AB4	5AB5	5AB6	5AZ1	5AZ2	599A				
2.11 Sub-arachnoid haemorrhage	0	1	1	0	1	2	1	0	0	6	70	382	
2.12 Anoxic brain damage	0	0	1	0	2	1	0	1	0	5	61	65	
2.13 Other NTBI	3	1	6	0	3	0	1	2	0	16	154	918	
<b>All NTBI impairment codes</b>	<b>3</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>27</b>	<b>285</b>	<b>1,365</b>	
<b>SPECIALIST</b>	<b>43</b>	<b>15</b>	<b>42</b>	<b>12</b>	<b>68</b>	<b>41</b>	<b>18</b>	<b>46</b>	<b>0</b>	<b>285</b>			
<b>NON-SPECIALIST</b>	<b>288</b>	<b>225</b>	<b>222</b>	<b>190</b>	<b>189</b>	<b>109</b>	<b>87</b>	<b>52</b>	<b>3</b>	<b>1,365</b>			

# Proportion of traumatic brain injury episodes by AN-SNAP class over time



# Proportion of non-traumatic brain injury episodes by AN-SNAP class over time

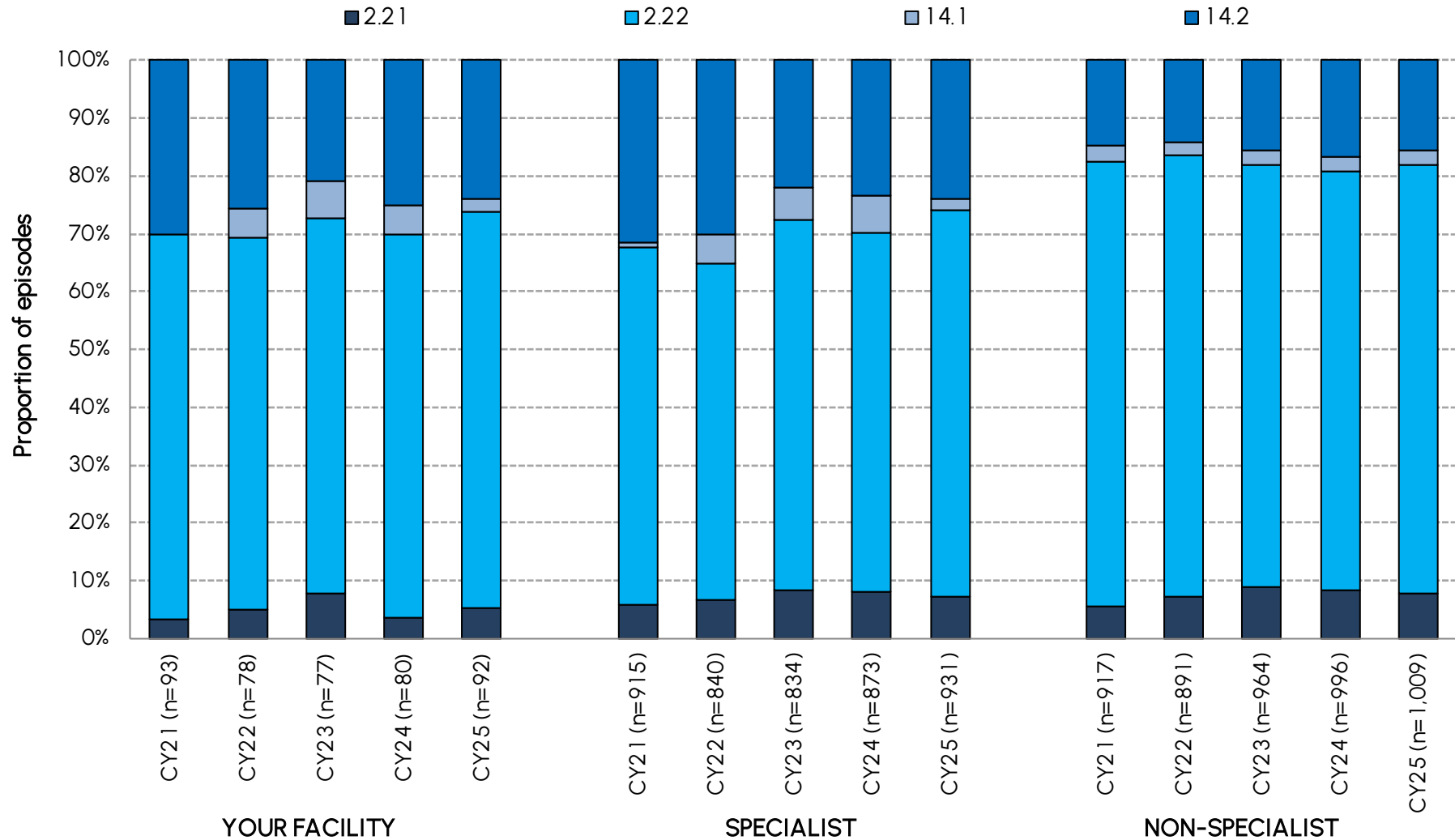


# Number of traumatic and non-traumatic brain injury episodes by AN-SNAP class over time

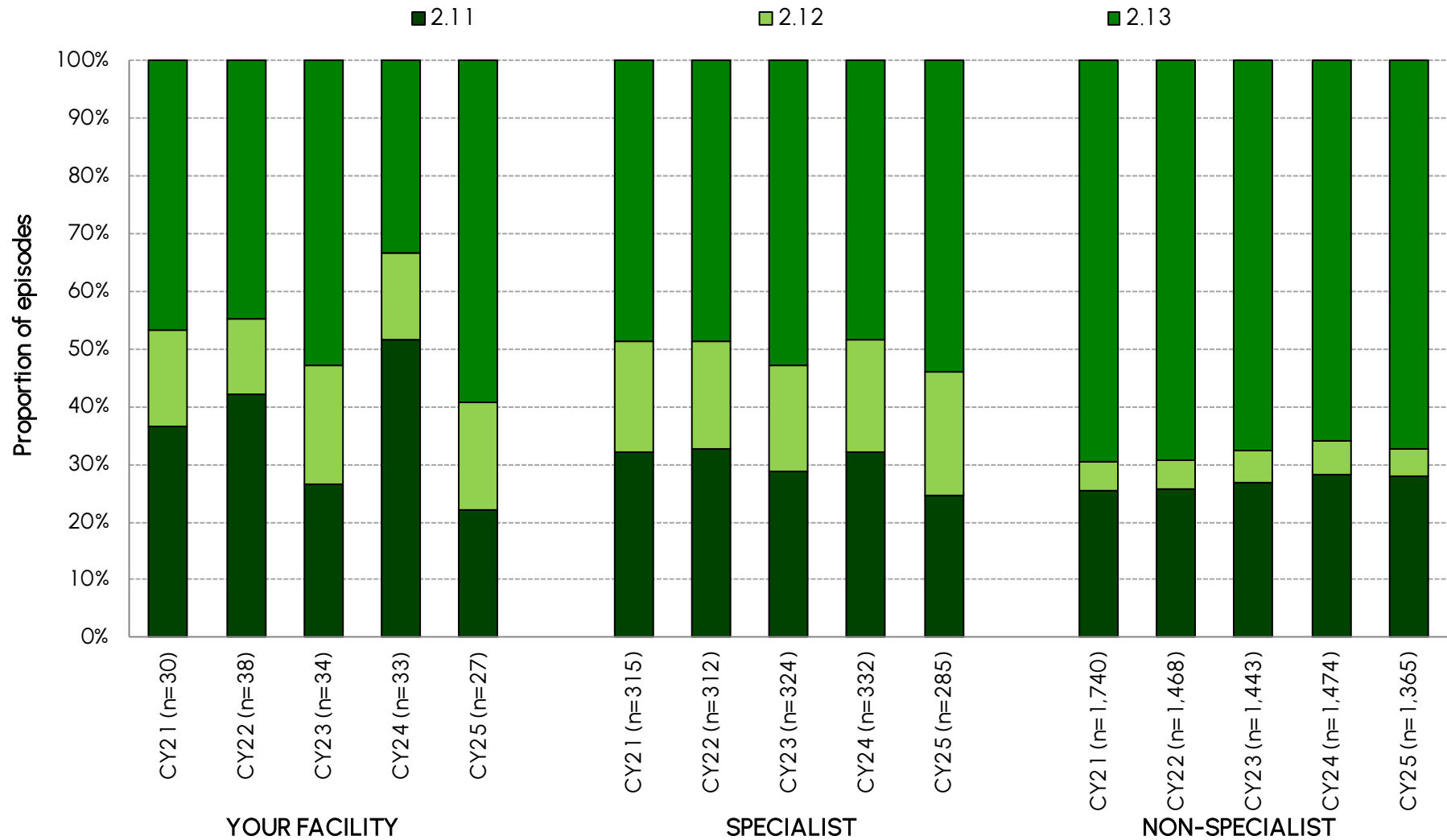
Traumatic AN-SNAP class	YOUR FACILITY					SPECIALIST					NON-SPECIALIST				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
5AB1 (Bl, weighted FIM motor 59-91, FIM cog 27-35)	7	12	8	9	12	73	73	81	82	96	154	157	185	173	174
5AB2 (Bl, weighted FIM motor 19-58, FIM cog 27-35)	0	2	2	1	0	10	11	9	14	12	107	112	123	120	111
5AB3 (Bl, weighted FIM motor 50-91, FIM cog 19-26)	17	15	17	15	20	165	138	171	142	229	169	154	170	189	178
5AB4 (Bl, weighted FIM motor 19-49, FIM cog 19-26)	5	2	5	1	3	30	24	32	33	23	91	76	81	98	93
5AB5 (Bl, weighted FIM motor 39-91, FIM cog 5-18)	21	14	11	15	13	179	166	159	191	188	106	115	119	128	129
5AB6 (Bl, weighted FIM motor 19-38, FIM cog 5-18)	5	2	6	6	9	69	59	57	56	63	65	68	64	47	82
5AP1 (MMT, weighted FIM motor 51-91)	15	11	10	13	8	153	139	114	135	91	74	64	87	85	83
5AP2 (MMT, weighted FIM motor 19-50)	7	5	6	4	6	78	80	70	76	81	75	71	70	84	79
5AZ1 (Bl or MMT, age ≥ 59, weighted FIM motor 13-18)	7	5	5	4	7	35	34	46	38	35	56	49	41	45	56
5AZ2 (Bl or MMT, age ≤ 58, weighted FIM motor 13-18)	9	10	7	12	14	123	113	95	105	111	15	22	19	25	24
599A (Ungroupable)	0	0	0	0	0	0	3	0	1	2	5	3	5	2	0
<b>All Brain AN-SNAP classes</b>	<b>93</b>	<b>78</b>	<b>77</b>	<b>80</b>	<b>92</b>	<b>915</b>	<b>840</b>	<b>834</b>	<b>873</b>	<b>931</b>	<b>917</b>	<b>891</b>	<b>964</b>	<b>996</b>	<b>1,009</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
5AB1 (Bl, weighted FIM motor 59-91, FIM cog 27-35)	6	7	3	7	3	63	57	51	76	43	405	303	320	331	288
5AB2 (Bl, weighted FIM motor 19-58, FIM cog 27-35)	2	1	1	1	2	21	11	17	13	15	250	219	220	238	225
5AB3 (Bl, weighted FIM motor 50-91, FIM cog 19-26)	6	8	12	9	8	48	74	74	66	42	338	272	272	277	222
5AB4 (Bl, weighted FIM motor 19-49, FIM cog 19-26)	3	1	1	1	0	17	13	17	16	12	193	180	156	178	190
5AB5 (Bl, weighted FIM motor 39-91, FIM cog 5-18)	6	6	6	7	6	87	69	72	65	68	240	222	198	189	189
5AB6 (Bl, weighted FIM motor 19-38, FIM cog 5-18)	3	3	1	4	3	27	23	26	35	41	163	128	130	126	109
5AZ1 (Bl or MMT, age ≥ 59, weighted FIM motor 13-18)	1	5	4	1	2	14	20	21	25	18	102	90	99	84	87
5AZ2 (Bl or MMT, age ≤ 58, weighted FIM motor 13-18)	3	7	6	3	3	38	45	46	35	46	44	49	42	47	52
599A (Ungroupable)	0	0	0	0	0	0	0	0	1	0	5	5	6	4	3
<b>All Brain AN-SNAP classes</b>	<b>30</b>	<b>38</b>	<b>34</b>	<b>33</b>	<b>27</b>	<b>315</b>	<b>312</b>	<b>324</b>	<b>332</b>	<b>285</b>	<b>1,740</b>	<b>1,468</b>	<b>1,443</b>	<b>1,474</b>	<b>1,365</b>

# Proportion of traumatic brain injury episodes by impairment code over time



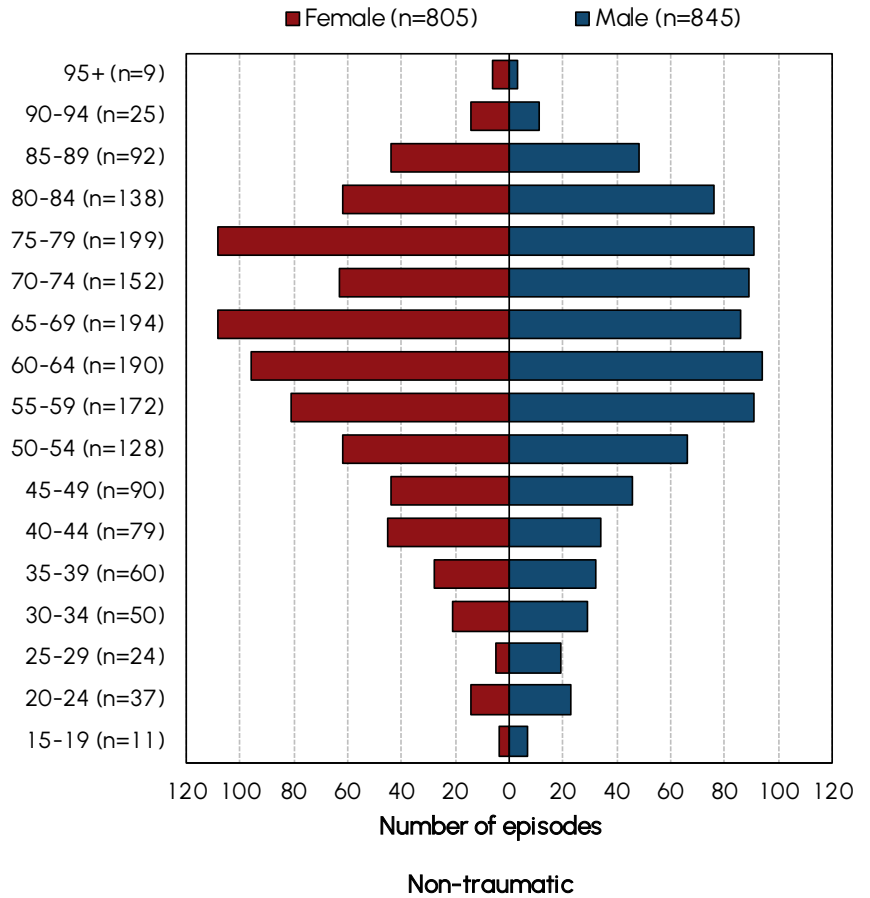
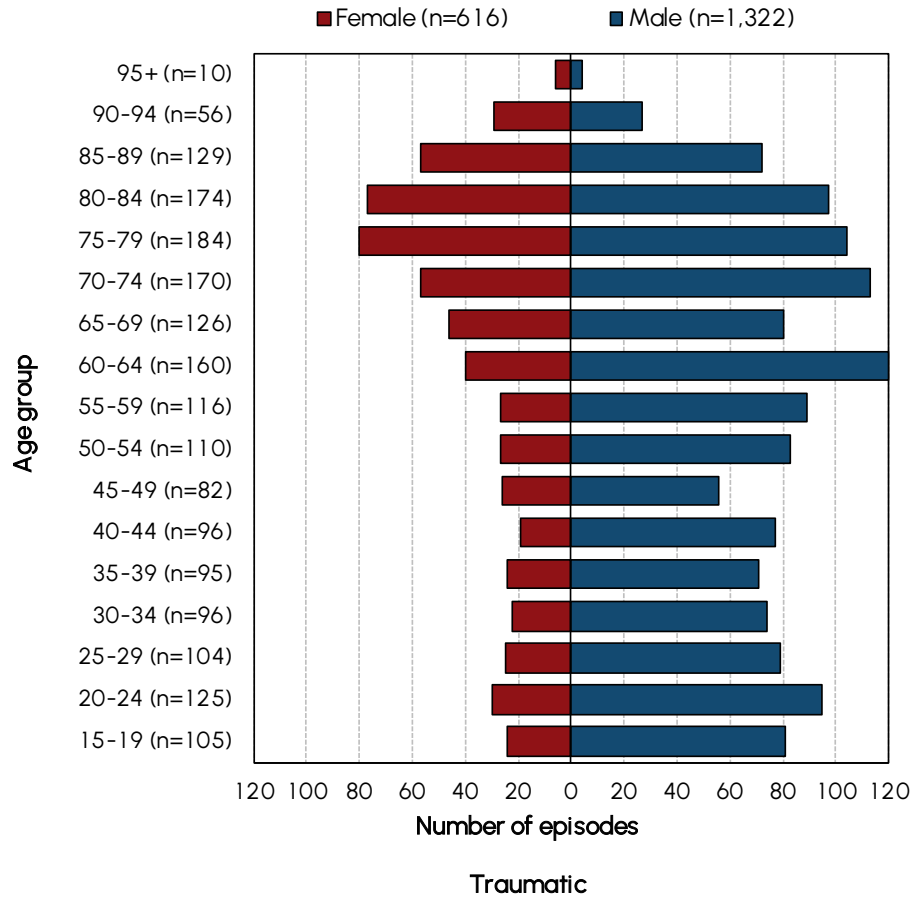
# Proportion of non-traumatic brain injury episodes by impairment code over time



# Number of traumatic and non-traumatic brain injury episodes by impairment code over time

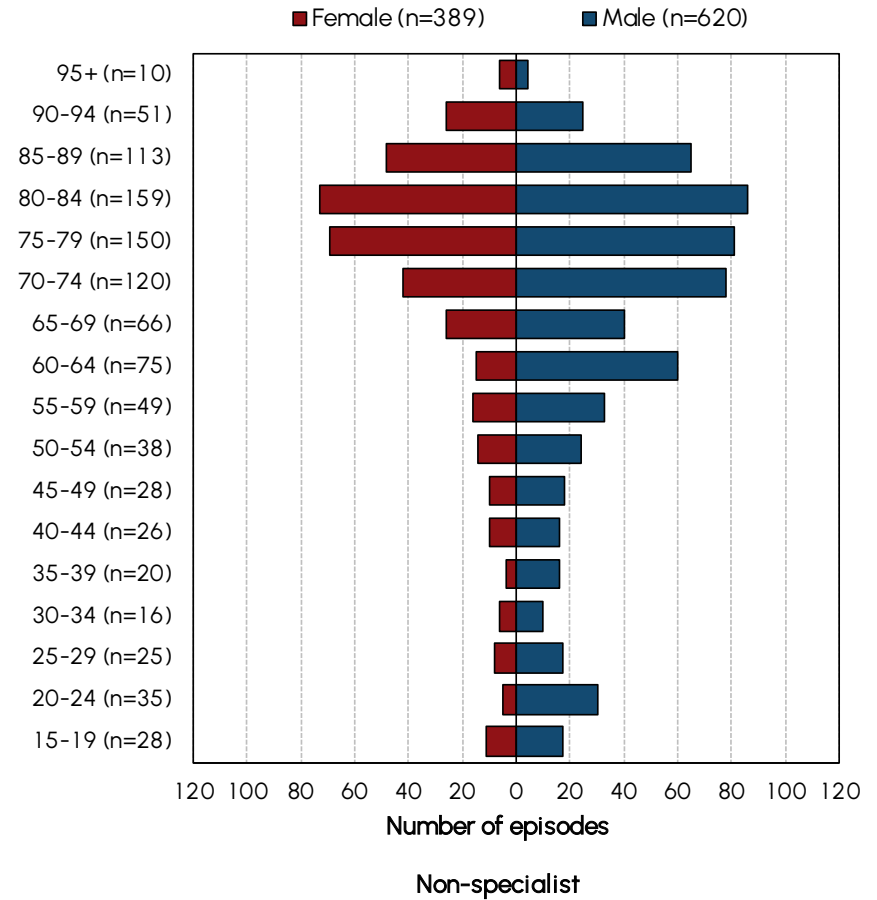
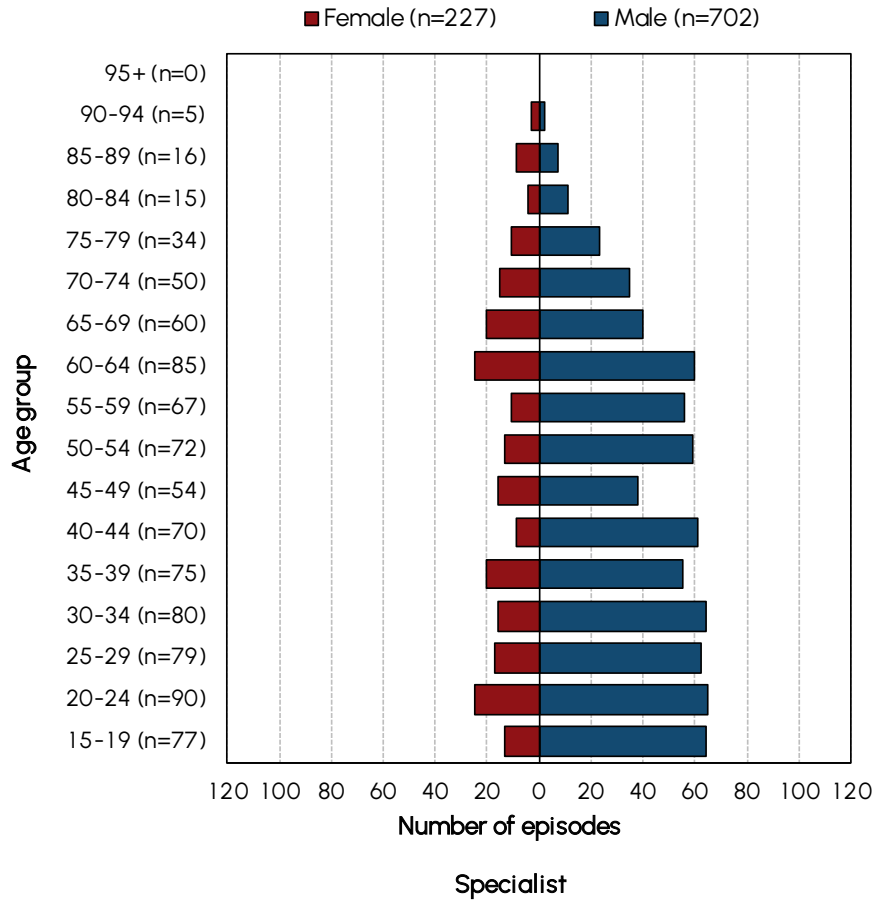
Impairment	YOUR FACILITY					SPECIALIST					NON-SPECIALIST				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
<b><u>Traumatic impairments</u></b>															
2.21 Open injury	3	4	6	3	5	54	56	70	70	68	52	64	86	83	78
2.22 Closed injury	62	50	50	53	63	565	489	533	543	621	705	681	703	722	750
14.1 MMT: brain+spine	0	4	5	4	2	8	42	47	56	18	24	19	25	24	23
14.2 MMT: brain+other	28	20	16	20	22	288	253	184	204	224	136	127	150	167	158
<b>All TBI impairment codes</b>	<b>93</b>	<b>78</b>	<b>77</b>	<b>80</b>	<b>92</b>	<b>915</b>	<b>840</b>	<b>834</b>	<b>873</b>	<b>931</b>	<b>917</b>	<b>891</b>	<b>964</b>	<b>996</b>	<b>1,009</b>
<b><u>Non-traumatic impairments</u></b>															
2.11 Sub-arachnoid haemorrhage	11	16	9	17	6	101	102	93	107	70	441	376	388	414	382
2.12 Anoxic brain damage	5	5	7	5	5	61	58	60	64	61	87	75	81	88	65
2.13 Other NTBI	14	17	18	11	16	153	152	171	161	154	1,212	1,017	974	972	918
<b>All NTBI impairment codes</b>	<b>30</b>	<b>38</b>	<b>34</b>	<b>33</b>	<b>27</b>	<b>315</b>	<b>312</b>	<b>324</b>	<b>332</b>	<b>285</b>	<b>1,740</b>	<b>1,468</b>	<b>1,443</b>	<b>1,474</b>	<b>1,365</b>
<b>All Brain Injury episodes</b>	<b>123</b>	<b>116</b>	<b>111</b>	<b>113</b>	<b>119</b>	<b>1,230</b>	<b>1,152</b>	<b>1,158</b>	<b>1,205</b>	<b>1,216</b>	<b>2,657</b>	<b>2,359</b>	<b>2,407</b>	<b>2,470</b>	<b>2,374</b>

# Number of brain injury episodes by age group and sex – TBI and NTBI



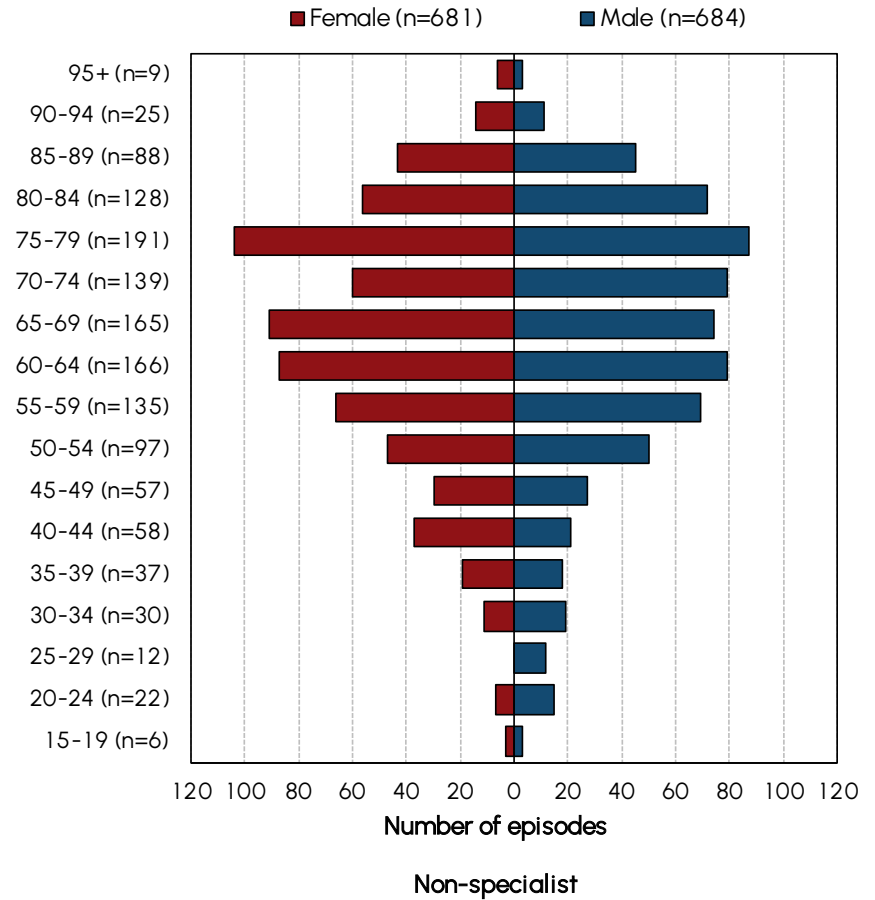
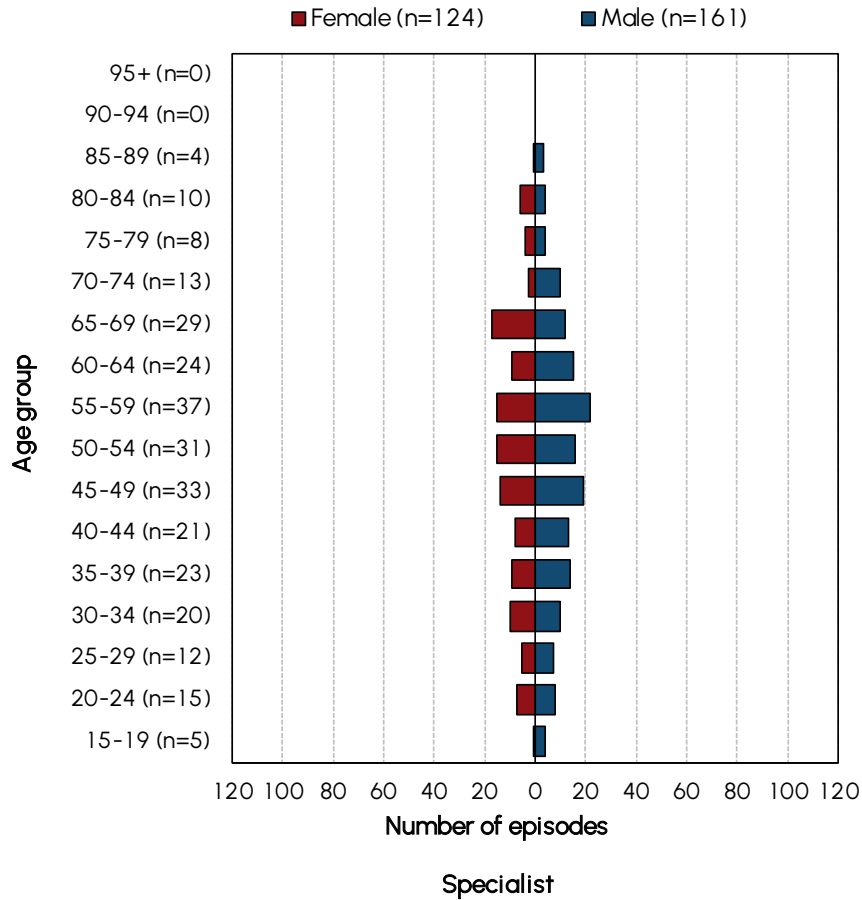
INCLUDES: episodes with sex reported as male or female, valid date of birth, valid episode start date and calculated age of 15-110 years old

# Number of TBI brain injury episodes by age group and sex – specialist and non-specialist



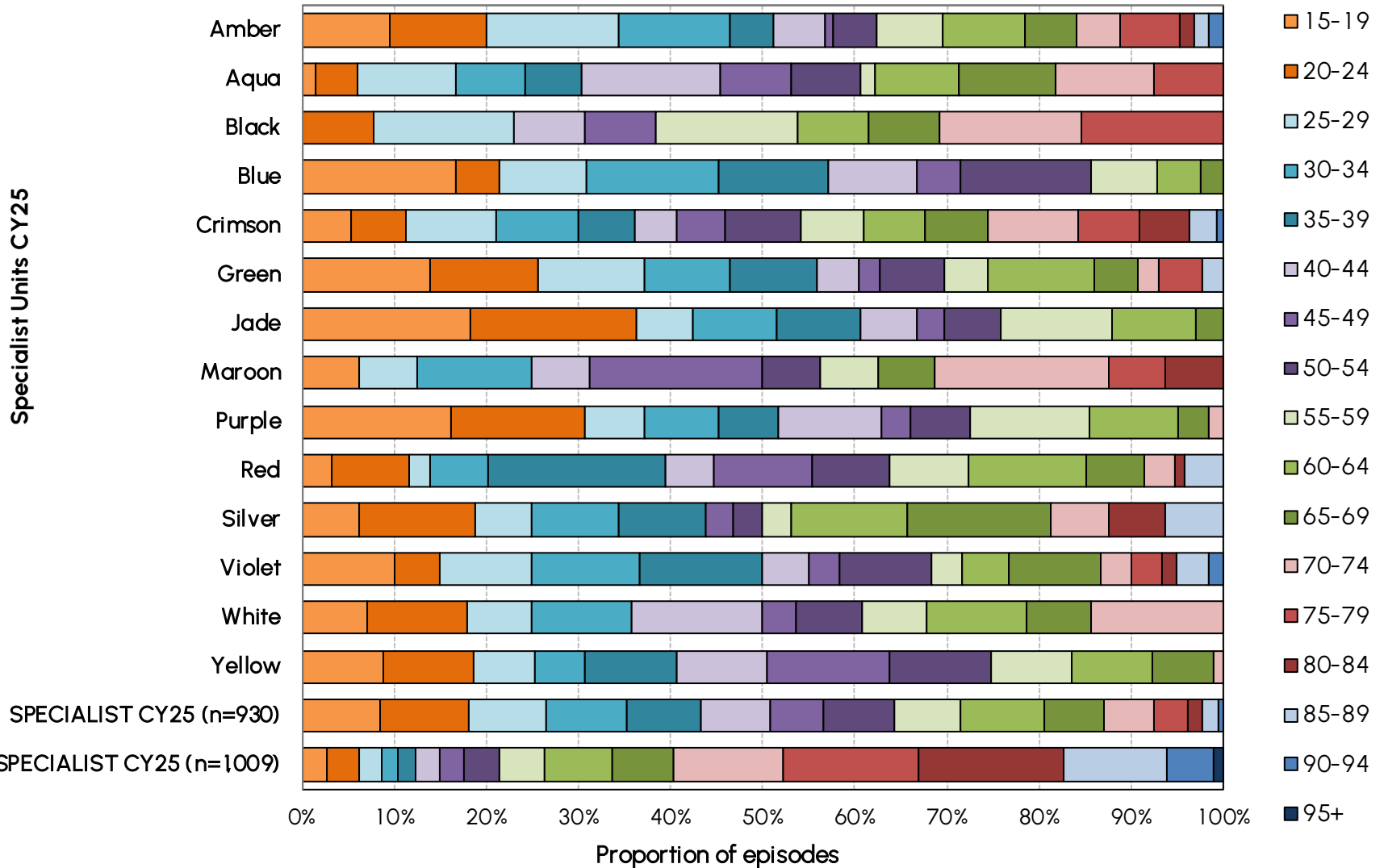
INCLUDES: episodes with sex reported as male or female, valid date of birth, valid episode start date and calculated age of 15-110 years old

# Number of NTBI brain injury episodes by age group and sex – specialist and non-specialist



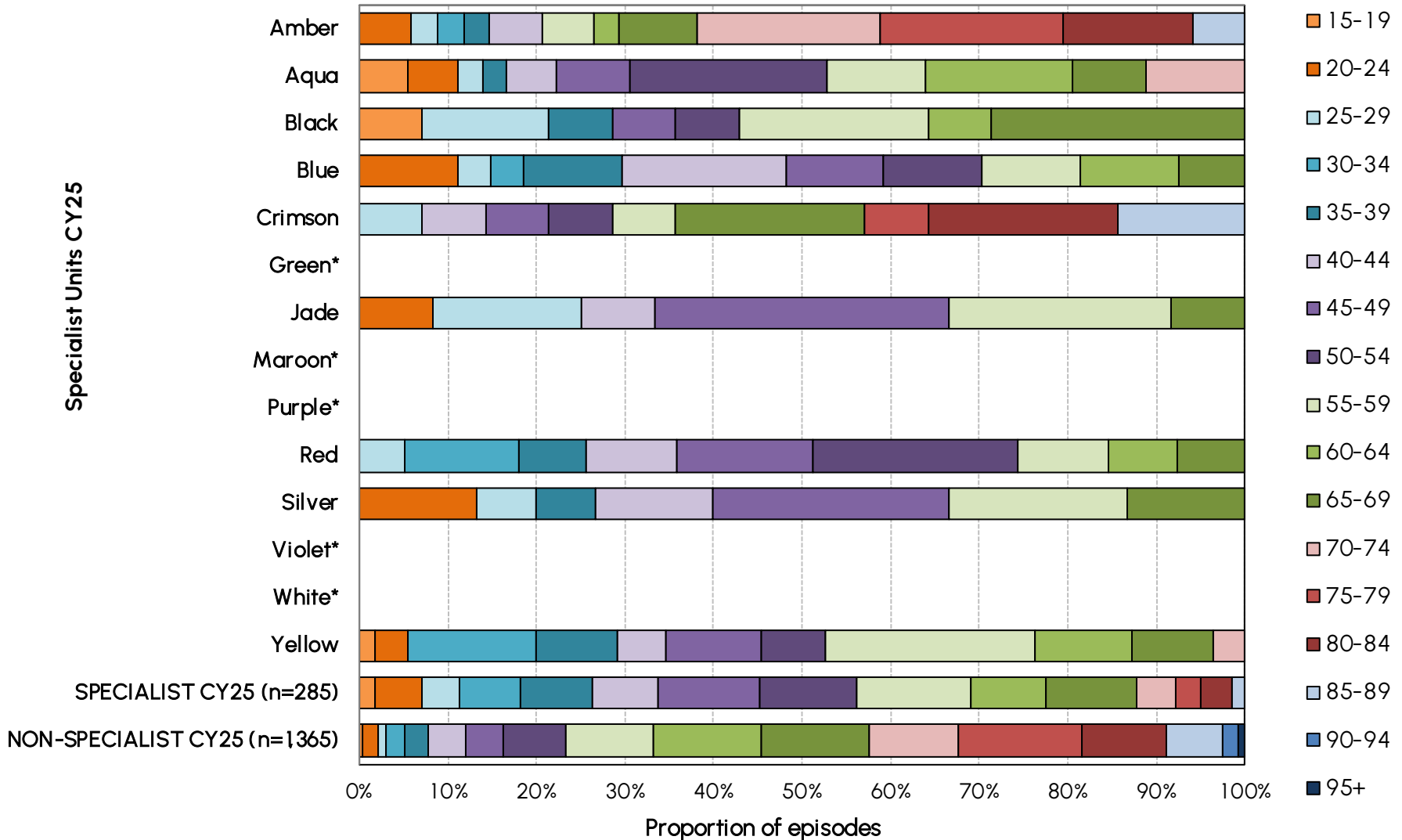
INCLUDES: episodes with sex reported as male or female, valid date of birth, valid episode start date and calculated age of 15-110 years old

# Proportion of traumatic brain injury episodes by age group and specialist facility



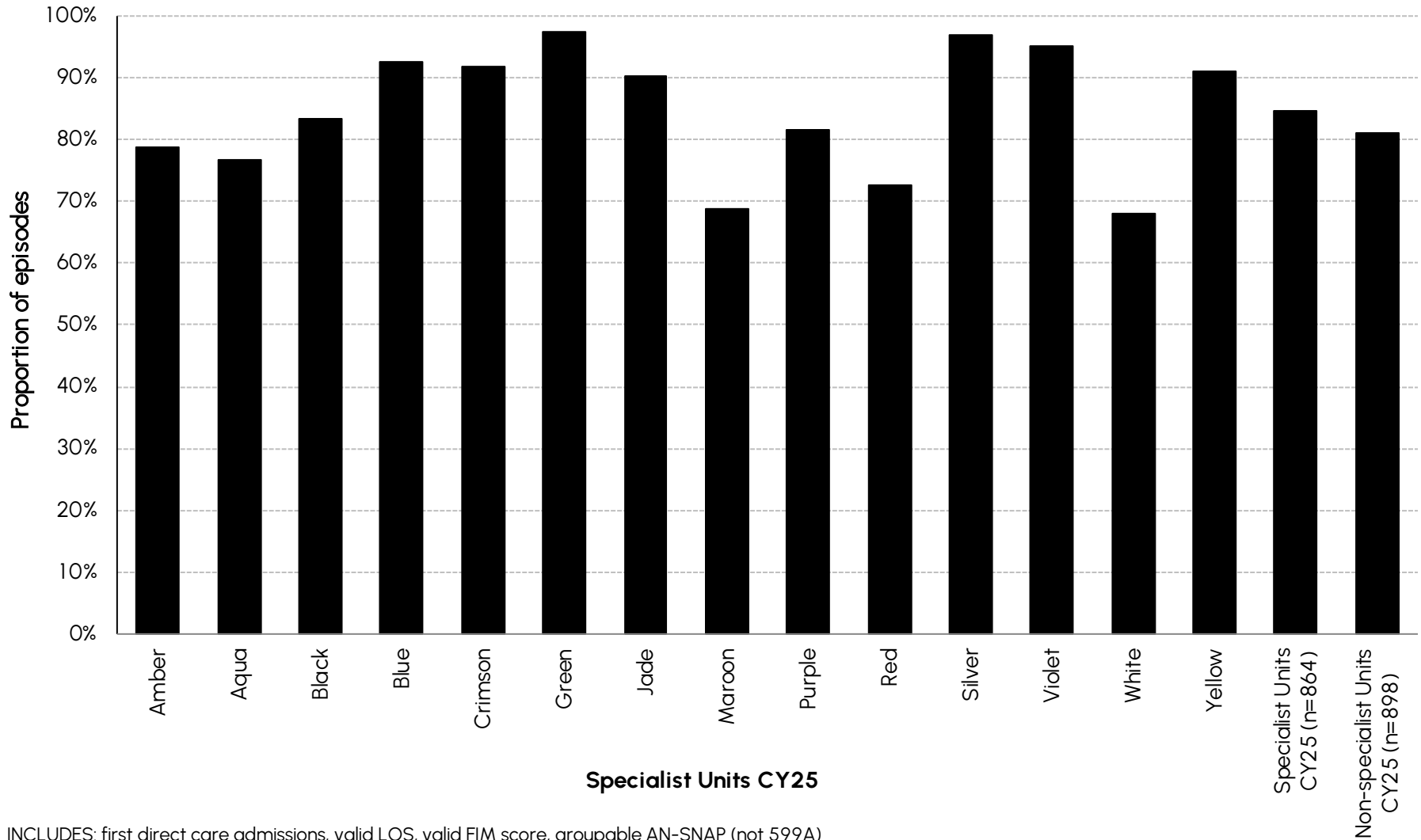
INCLUDES: episodes with valid date of birth, valid episode start date and calculated age of 15-110 years old

# Proportion of non-traumatic brain injury episodes by age group and specialist facility



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  
 \* data is suppressed for services with fewer than five NTBI episodes.

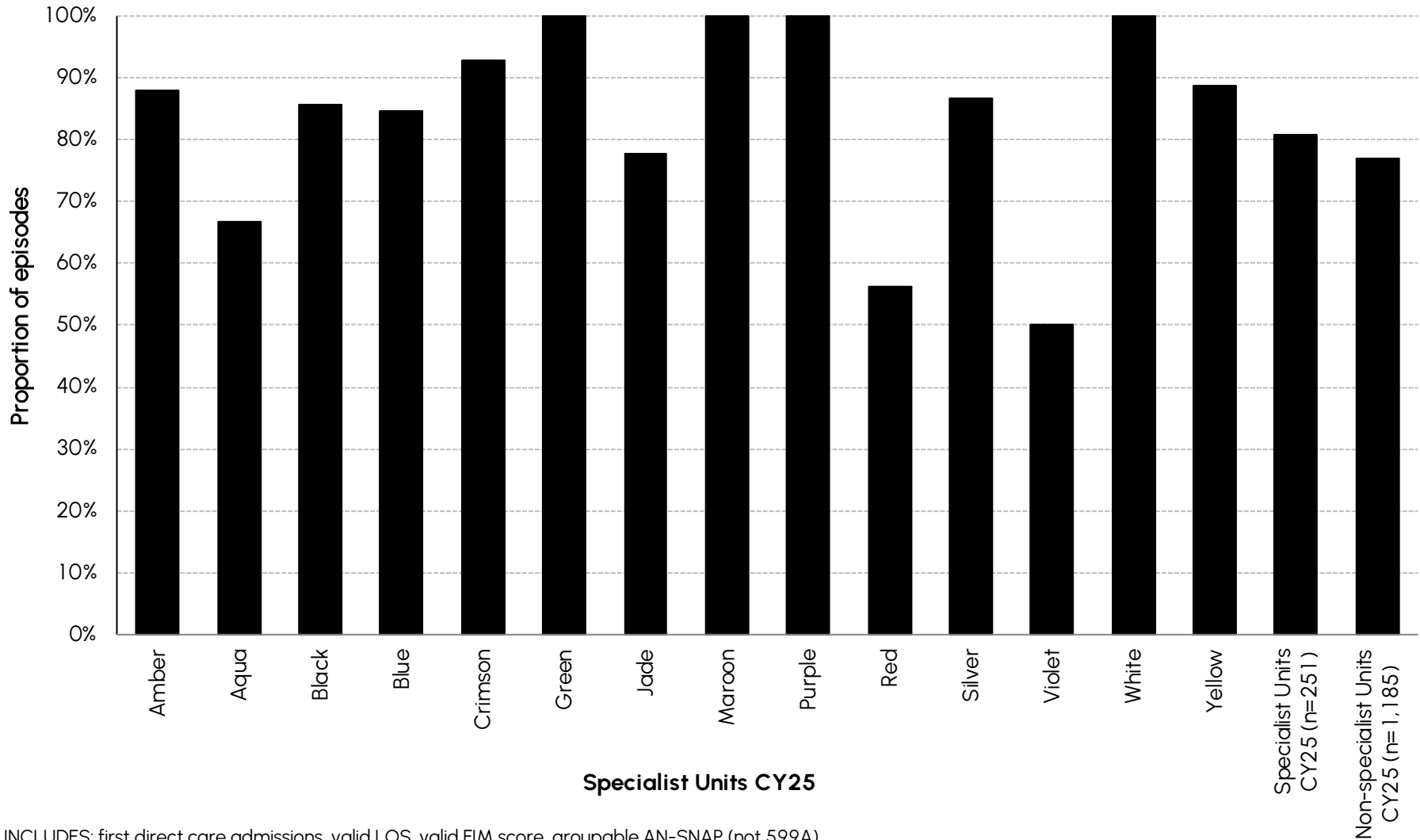
# Proportion of complete\* first direct care episodes for traumatic brain injury by specialist facility



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

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

# Proportion of complete\* first direct care episodes for non-traumatic brain injury by specialist facility



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

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

# Number of complete first direct care TBI and NTBI brain injury episodes by AN-SNAP class and impairment code

AN-SNAP class	YOUR FACILITY			SPECIALIST			NON-SPECIALIST		
	All episodes	Completed episodes	%Complete	All episodes	Completed episodes	%Complete	All episodes	Completed episodes	%Complete
5AB1 (Bl, weighted FIM motor 59-91, FIM cog 27-35)	15	14	93.3	134	124	92.5	399	368	92.2
5AB2 (Bl, weighted FIM motor 19-58, FIM cog 27-35)	2	2	100.0	23	18	78.3	319	254	79.6
5AB3 (Bl, weighted FIM motor 50-91, FIM cog 19-26)	27	26	96.3	252	240	95.2	357	306	85.7
5AB4 (Bl, weighted FIM motor 19-49, FIM cog 19-26)	3	2	66.7	29	25	86.2	247	172	69.6
5AB5 (Bl, weighted FIM motor 39-91, FIM cog 5-18)	18	16	88.9	238	207	87.0	263	195	74.1
5AB6 (Bl, weighted FIM motor 19-38, FIM cog 5-18)	11	10	90.9	93	78	83.9	159	107	67.3
5AP1 (MMT, weighted FIM motor 51-91)	7	6	85.7	84	73	86.9	76	72	94.7
5AP2 (MMT, weighted FIM motor 19-50)	6	3	50.0	74	57	77.0	72	63	87.5
5AZ1 (Bl or MMT, age ≥ 59, weighted FIM motor 13-18)	7	4	57.1	50	30	60.0	128	65	50.8
5AZ2 (Bl or MMT, age ≤ 58, weighted FIM motor 13-18)	14	7	50.0	137	81	59.1	60	36	60.0
599A (Ungroupable)	0	0	—	1	1	100.0	3	1	33.3
<b>All Brain AN-SNAP classes</b>	<b>110</b>	<b>90</b>	<b>81.8</b>	<b>1,115</b>	<b>934</b>	<b>83.8</b>	<b>2,083</b>	<b>1,639</b>	<b>78.7</b>

INCLUDES: first direct care admission episodes

Impairment	YOUR FACILITY			SPECIALIST			NON-SPECIALIST		
	All episodes	Completed episodes	%Complete	All episodes	Completed episodes	%Complete	All episodes	Completed episodes	%Complete
<b>Traumatic impairments</b>									
2.21 Open injury	5	3	60.0	62	50	80.6	65	54	83.1
2.22 Closed injury	62	53	85.5	585	514	87.9	666	523	78.5
14.1 MMT: brain+spine	2	1	50.0	17	14	82.4	21	17	81.0
14.2 MMT: brain+other	19	13	68.4	200	153	76.5	146	133	91.1
<b>All TBI impairment codes</b>	<b>88</b>	<b>70</b>	<b>79.5</b>	<b>864</b>	<b>731</b>	<b>84.6</b>	<b>898</b>	<b>727</b>	<b>81.0</b>
<b>Non-traumatic impairments</b>									
2.11 Sub-arachnoid haemorrhage	6	5	83.3	59	49	83.1	343	271	79.0
2.12 Anoxic brain damage	4	4	100.0	55	39	70.9	52	36	69.2
2.13 Other NTBI	12	11	91.7	137	115	83.9	790	605	76.6
<b>All NTBI impairment codes</b>	<b>22</b>	<b>20</b>	<b>90.9</b>	<b>251</b>	<b>203</b>	<b>80.9</b>	<b>1,185</b>	<b>912</b>	<b>77.0</b>
<b>All Brain Injury episodes</b>	<b>110</b>	<b>90</b>	<b>81.8</b>	<b>1,115</b>	<b>934</b>	<b>83.8</b>	<b>2,083</b>	<b>1,639</b>	<b>78.7</b>

INCLUDES: first direct care admission episodes

# Summary of incomplete brain injury episodes

	YOUR FACILITY CY25		SPECIALIST CY25		NON-SPECIALIST CY25		ALL BRAIN	
	N	(%)	N	(%)	N	(%)	N	(%)
All reporting episodes	119		1,216		2,374		3,590	
Incomplete episodes	24	(20.2)	210	(17.3)	512	(21.6)	722	(20.1)

## Reason for incomplete:

Discharged home with end FIM=18	5	(20.8)	14	(6.8)	(n<5)		17	(2.4)
Discharged home with no end FIM	0	(0.0)	(n<5)		(n<5)		(n<5)	
Discharged to another hospital	7	(29.2)	71	(34.6)	235	(46.5)	306	(42.7)
Discharged back to acute same hospital	7	(29.2)	64	(31.2)	224	(44.4)	288	(40.2)
Discharged at own risk	4	(16.7)	39	(19.0)	19	(3.8)	58	(8.1)
Change of care type (LOS <1 week)	0	(0.0)	0	(0.0)	(n<5)		(n<5)	
Died	0	(0.0)	(n<5)		8	(1.6)	11	(1.5)
Other/Unknown Discharge	1	(4.2)	17	(8.3)	19	(3.8)	36	(5.0)

	YOUR FACILITY CY25			
	Incomplete Episodes		Complete episodes	

## Impairment Code:

2.11 Sub-arachnoid haemorrhage	1	(4.2)	5	(5.3)
2.12 Anoxic brain damage	1	(4.2)	4	(4.2)
2.13 Other NTBI	3	(12.5)	13	(13.7)
2.21 Open injury	2	(8.3)	3	(3.2)
2.22 Closed injury	9	(37.5)	54	(56.8)
14.1 MMT: brain+spine	1	(4.2)	1	(1.1)
14.2 MMT: brain+other	7	(29.2)	15	(15.8)

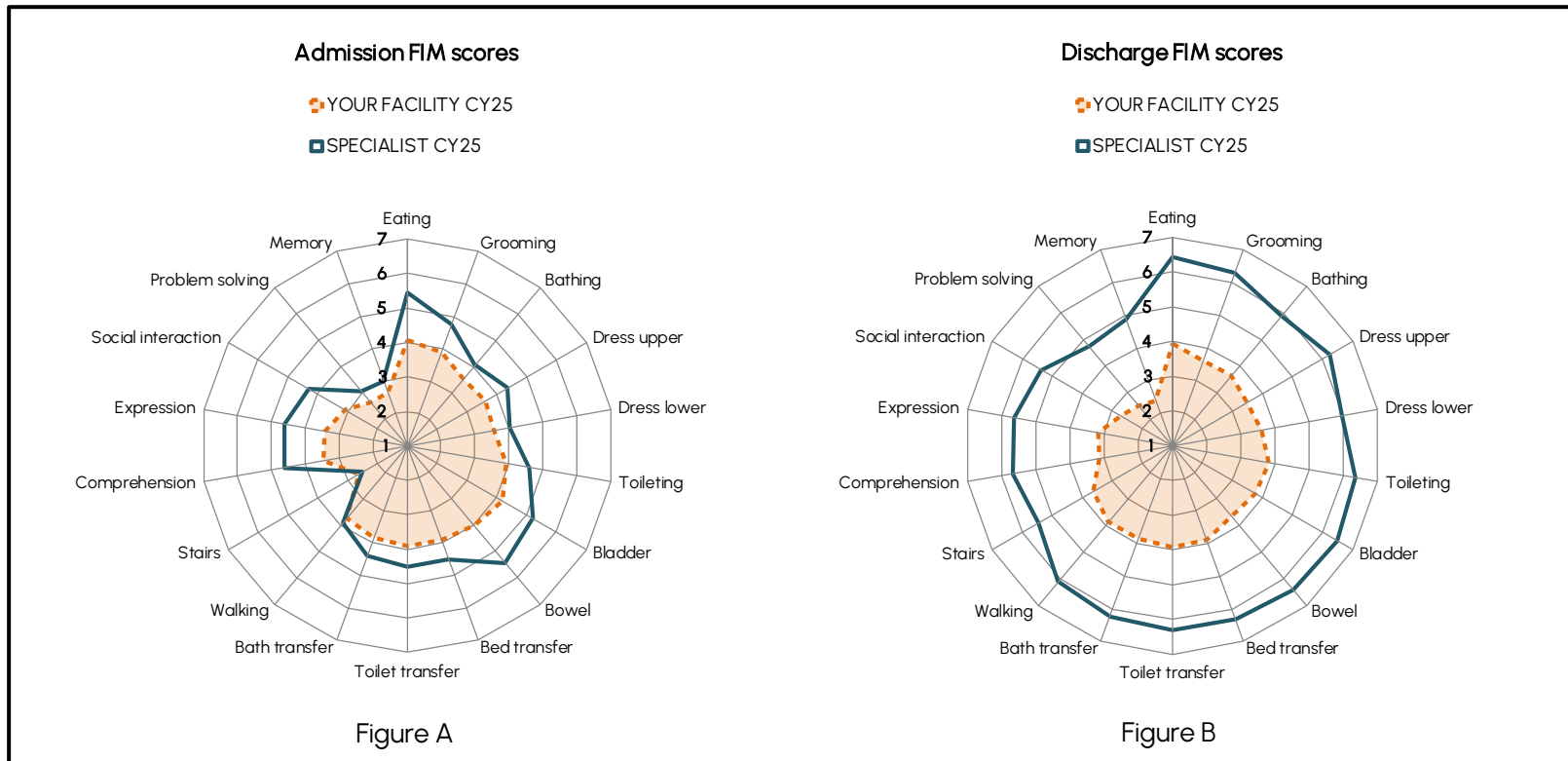
## AN-SNAP Class:

5AB1 (BI, weighted FIM motor 59-91, FIM cog 27-35)	1	(4.2)	14	(14.7)
5AB2 (BI, weighted FIM motor 19-58, FIM cog 27-35)	0	(0.0)	2	(2.1)
5AB3 (BI, weighted FIM motor 50-91, FIM cog 19-26)	1	(4.2)	27	(28.4)
5AB4 (BI, weighted FIM motor 19-49, FIM cog 19-26)	1	(4.2)	2	(2.1)
5AB5 (BI, weighted FIM motor 39-91, FIM cog 5-18)	2	(8.3)	17	(17.9)
5AB6 (BI, weighted FIM motor 19-38, FIM cog 5-18)	2	(8.3)	10	(10.5)
5AP1 (MMT, weighted FIM motor 51-91)	1	(4.2)	7	(7.4)
5AP2 (MMT, weighted FIM motor 19-50)	3	(12.5)	3	(3.2)
5AZ1 (BI or MMT, age ≥ 59, weighted FIM motor 13-18)	4	(16.7)	5	(5.3)
5AZ2 (BI or MMT, age ≤ 58, weighted FIM motor 13-18)	9	(37.5)	8	(8.4)
599A (Ungroupable)	0	(0.0)	0	(0.0)

DATA SUPPRESSION: when <5 episodes for specialist, non-specialist or all brain, data is suppressed.

# Review of FIM item scoring by AN-SNAP class

# Interpreting the comparative FIM item scoring charts



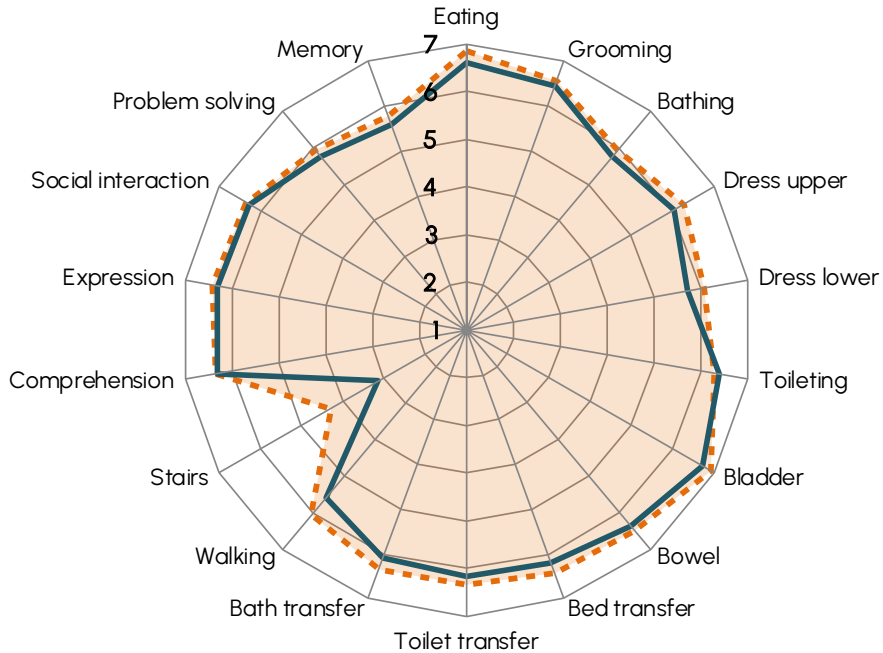
The FIM splat provides a graphic presentation of functional status in a radar chart. The 18 FIM items are arranged in order as 'spokes' of a wheel and the scoring levels from 1 (total dependence) to 7 (total independence) run from the centre outwards. The mean FIM item score for each item is indicated — 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 5AB1

## 5AB1 Admission FIM scores

YOUR FACILITY CY25 (n=14)

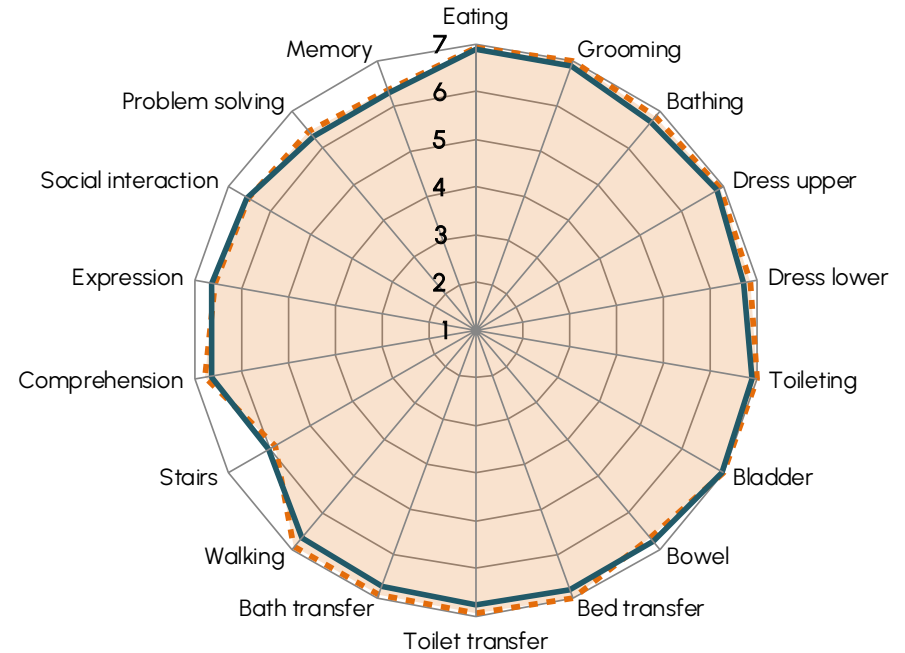
SPECIALIST CY25 (n=129)



## 5AB1 Discharge FIM scores

YOUR FACILITY CY25 (n=14)

SPECIALIST CY25 (n=129)



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

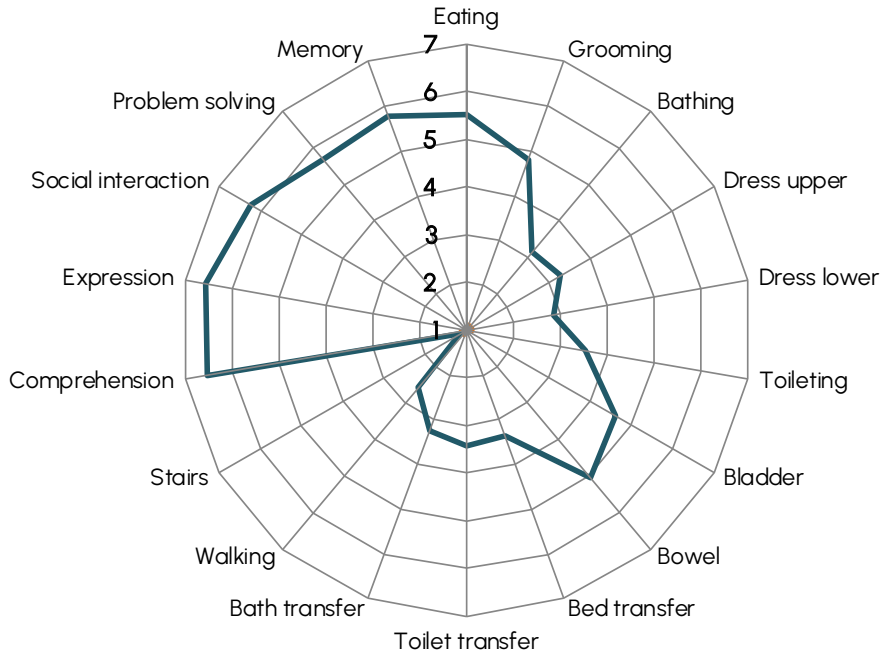
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Comparative FIM item scoring AN-SNAP class 5AB2

## 5AB2 Admission FIM scores

YOUR FACILITY CY25 (n<5)

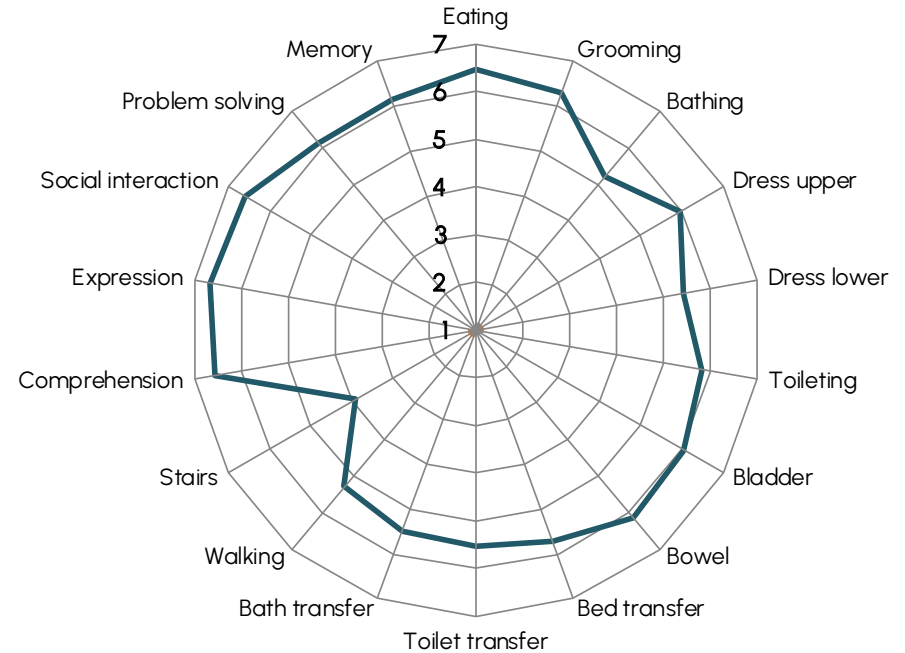
SPECIALIST CY25 (n=21)



## 5AB2 Discharge FIM scores

YOUR FACILITY CY25 (n<5)

SPECIALIST CY25 (n=21)



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

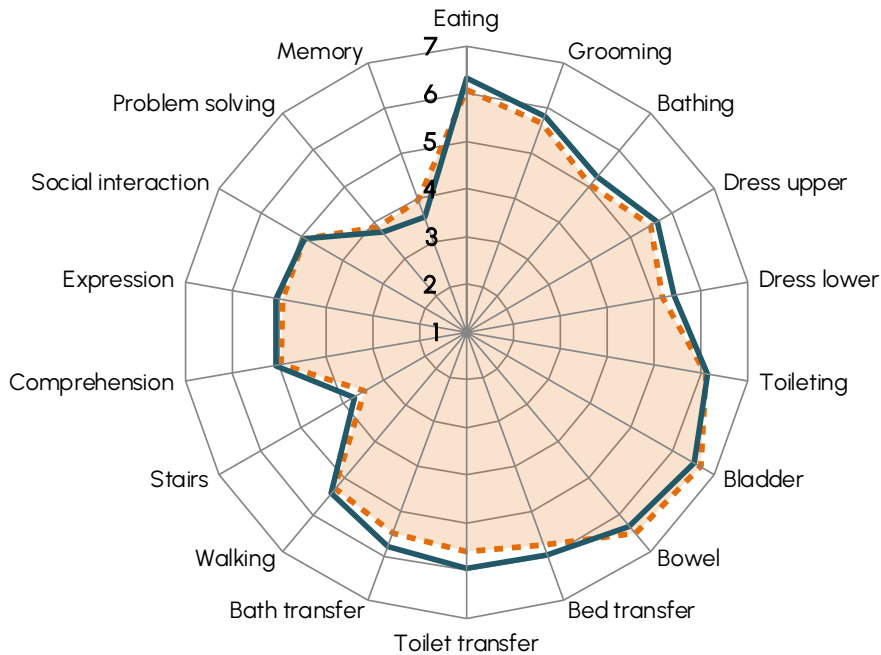
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Comparative FIM item scoring AN-SNAP class 5AB3

## 5AB3 Admission FIM scores

YOUR FACILITY CY25 (n=27)

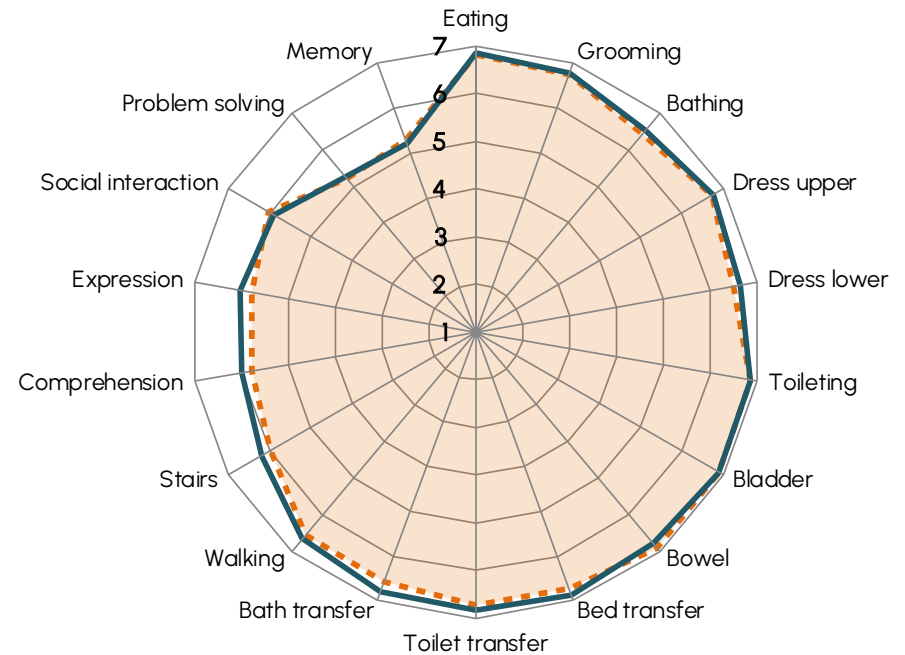
SPECIALIST CY25 (n=258)



## 5AB3 Discharge FIM scores

YOUR FACILITY CY25 (n=27)

SPECIALIST CY25 (n=258)



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

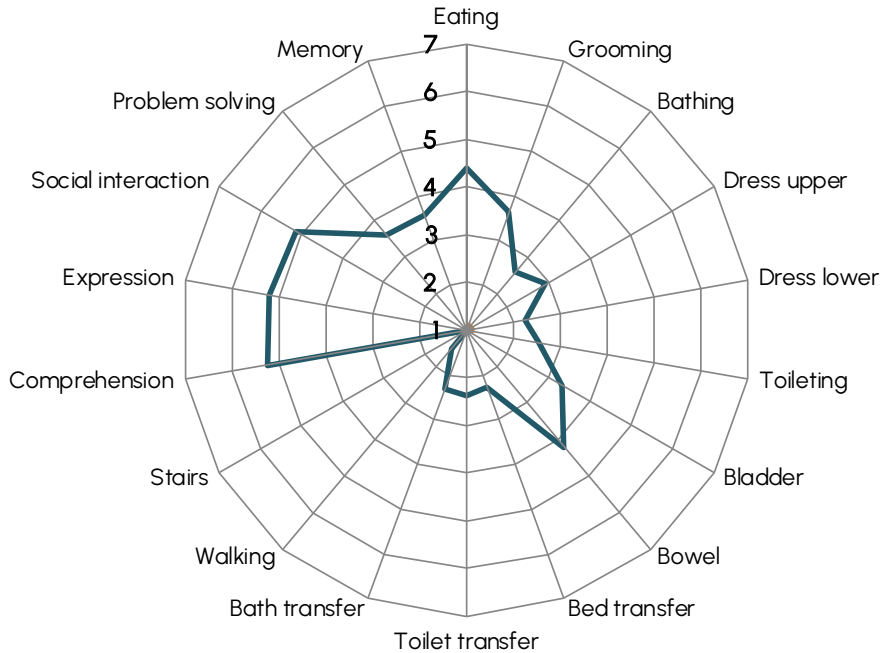
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Comparative FIM item scoring AN-SNAP class 5AB4

## 5AB4 Admission FIM scores

YOUR FACILITY CY25 (n<5)

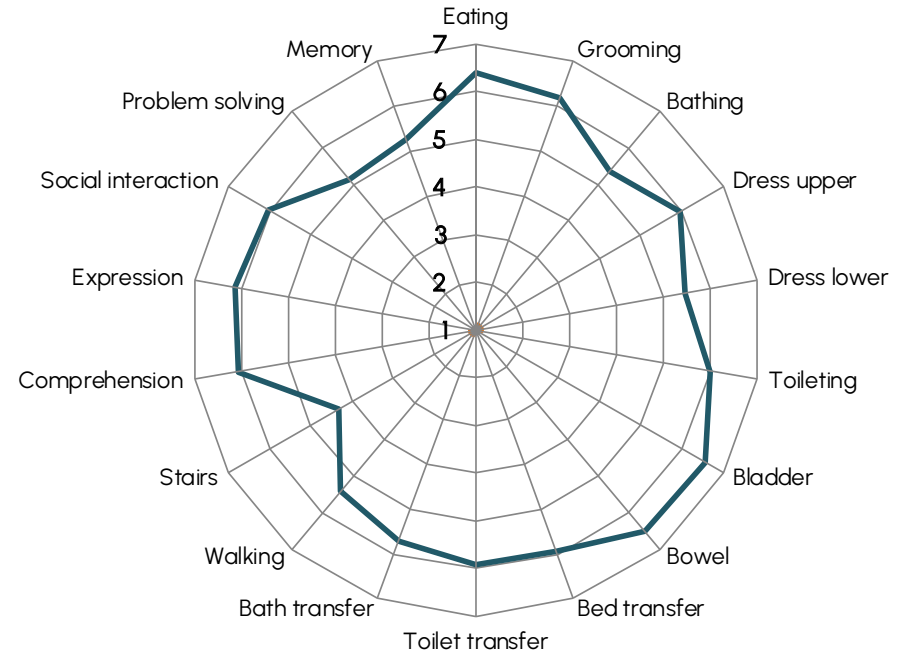
SPECIALIST CY25 (n=30)



## 5AB4 Discharge FIM scores

YOUR FACILITY CY25 (n<5)

SPECIALIST CY25 (n=30)



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

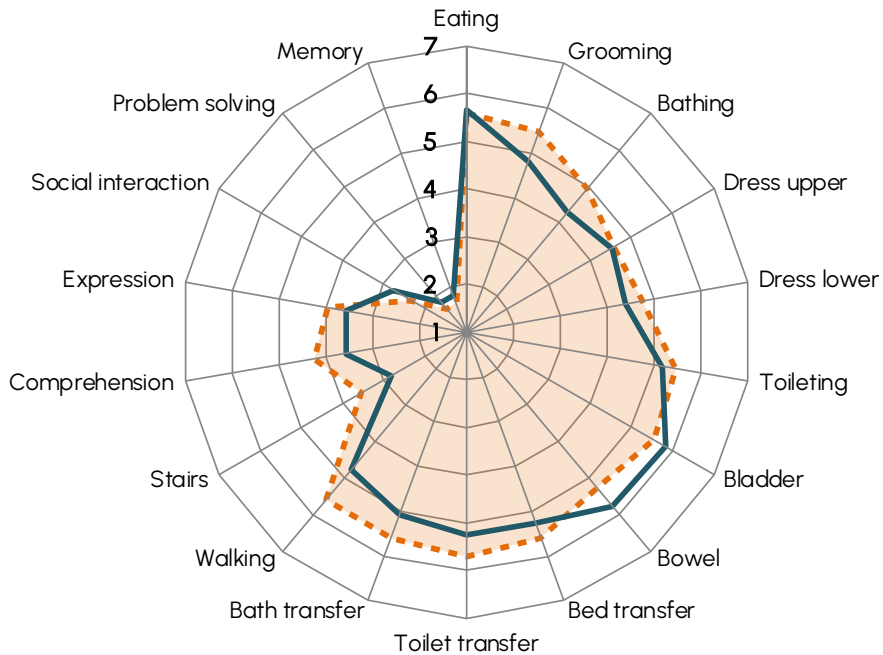
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Comparative FIM item scoring AN-SNAP class 5AB5

## 5AB5 Admission FIM scores

YOUR FACILITY CY25 (n=17)

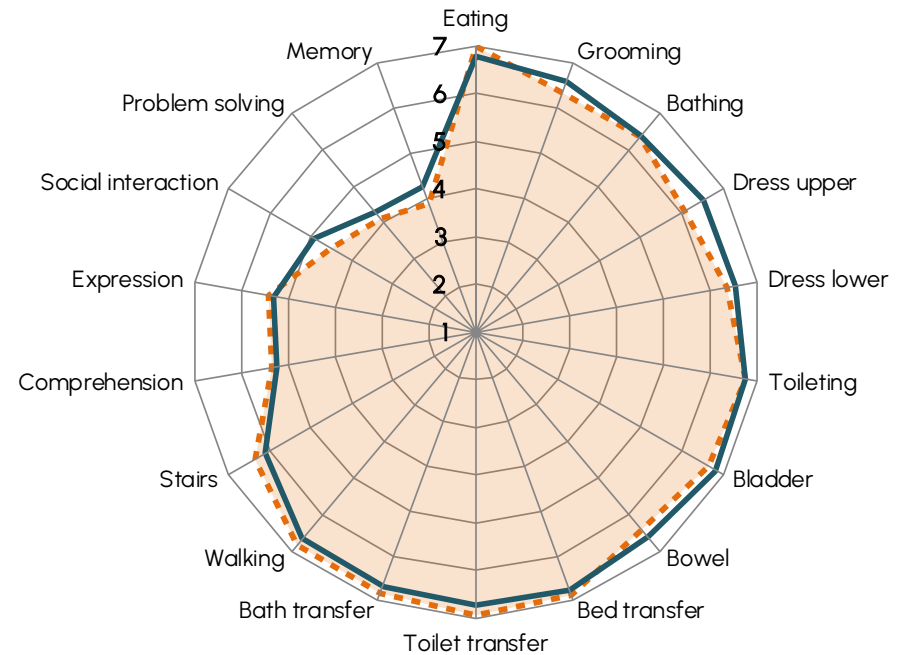
SPECIALIST CY25 (n=220)



## 5AB5 Discharge FIM scores

YOUR FACILITY CY25 (n=17)

SPECIALIST CY25 (n=220)



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

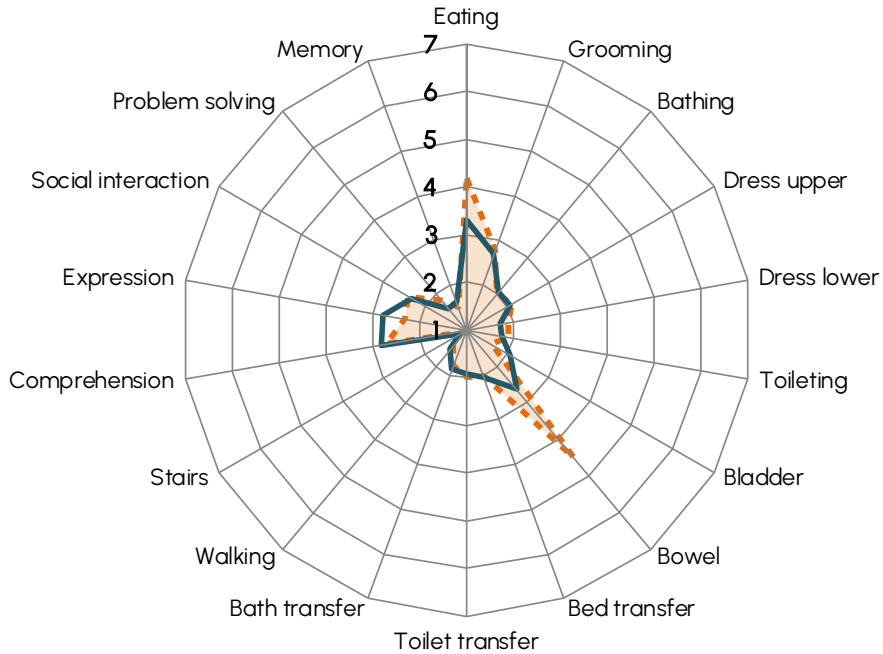
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Comparative FIM item scoring AN-SNAP class 5AB6

## 5AB6 Admission FIM scores

YOUR FACILITY CY25 (n=10)

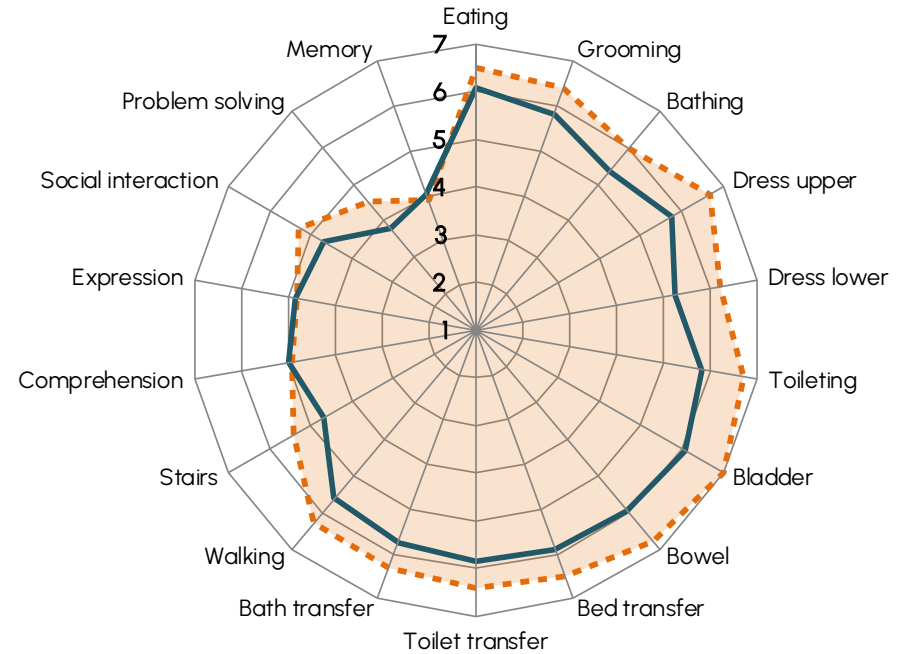
SPECIALIST CY25 (n=83)



## 5AB6 Discharge FIM scores

YOUR FACILITY CY25 (n=10)

SPECIALIST CY25 (n=83)

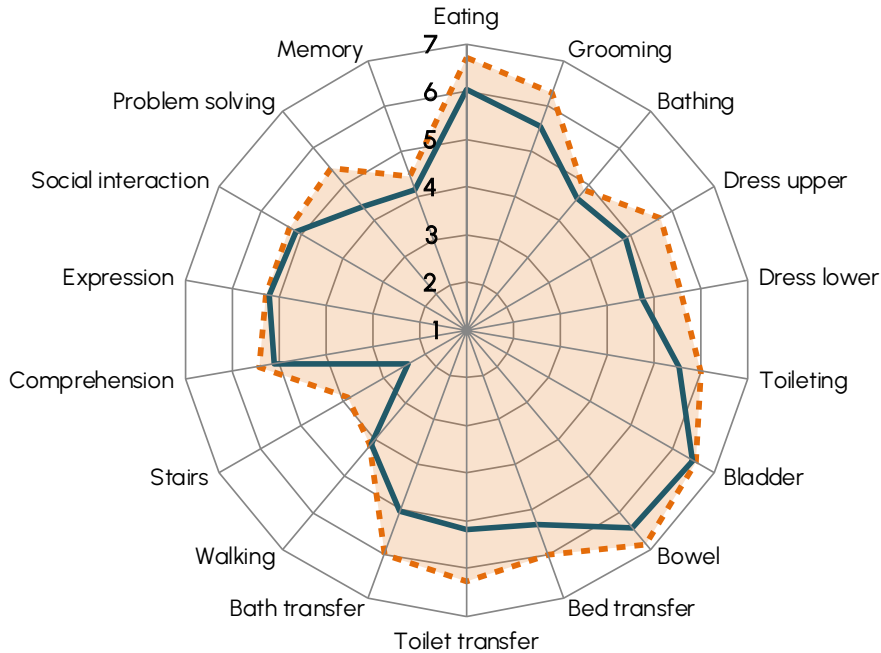


INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

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

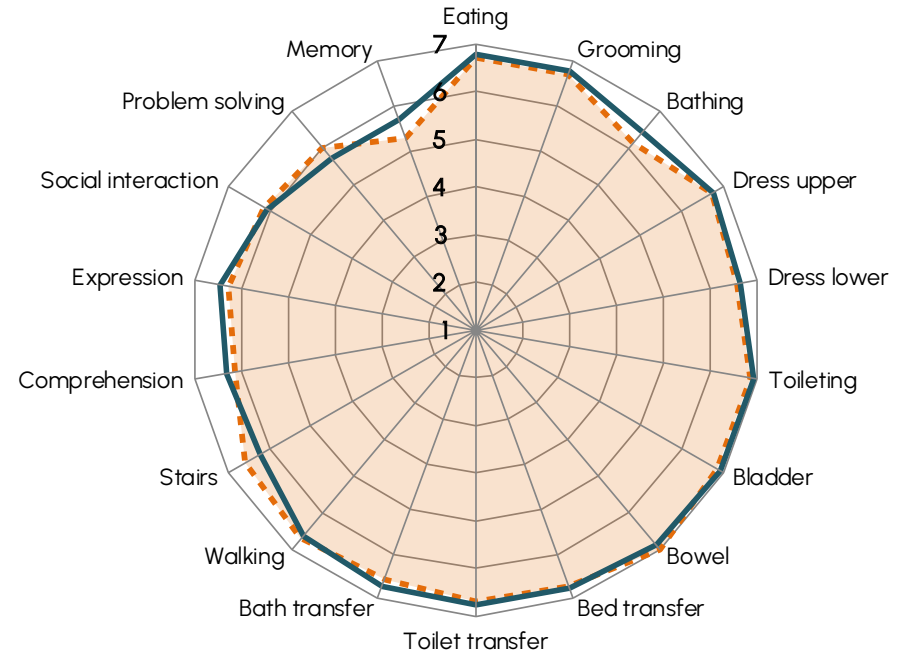
### 5AP 1 Admission FIM scores

▨ YOUR FACILITY CY25 (n=7)  
▨ SPECIALIST CY25 (n=78)



### 5AP 1 Discharge FIM scores

▨ YOUR FACILITY CY25 (n=7)  
▨ SPECIALIST CY25 (n=78)



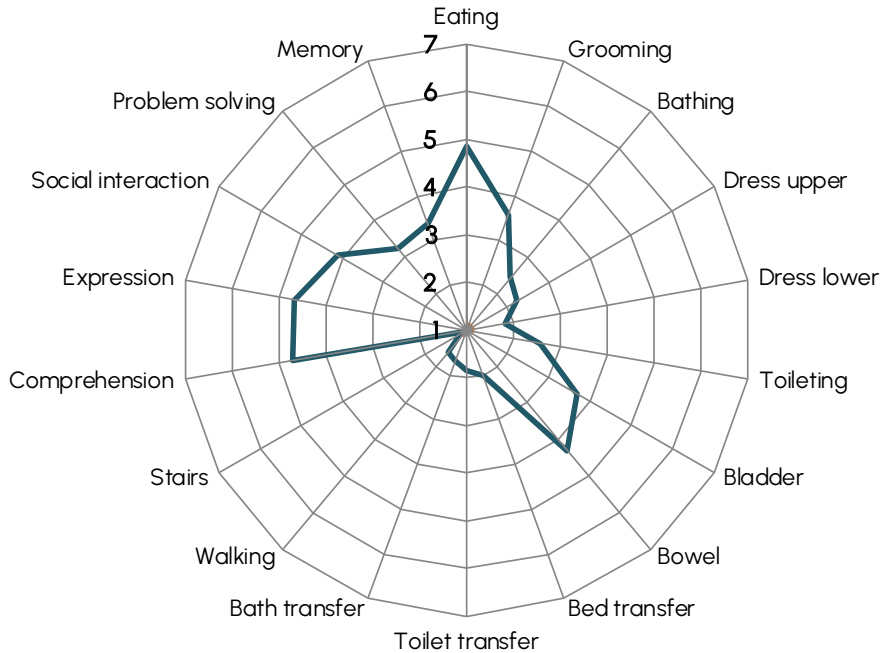
INCLUDES: complete episodes with valid FIM score. The definition of a complete episode can be found in the glossary at the end of this report  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Comparative FIM item scoring AN-SNAP class 5AP2

## 5AP2 Admission FIM scores

YOUR FACILITY CY25 (n<5)

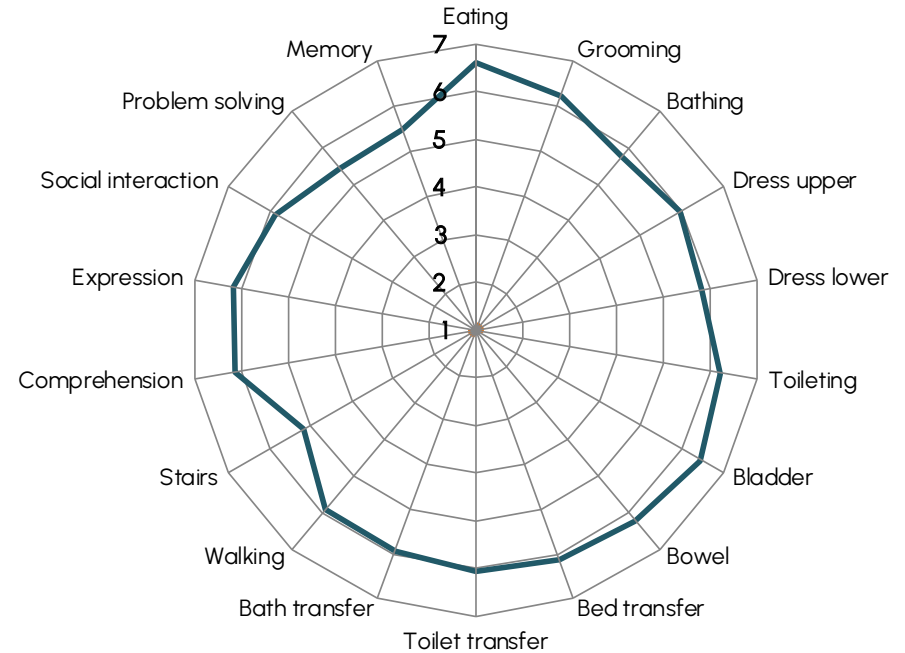
SPECIALIST CY25 (n=63)



## 5AP2 Discharge FIM scores

YOUR FACILITY CY25 (n<5)

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

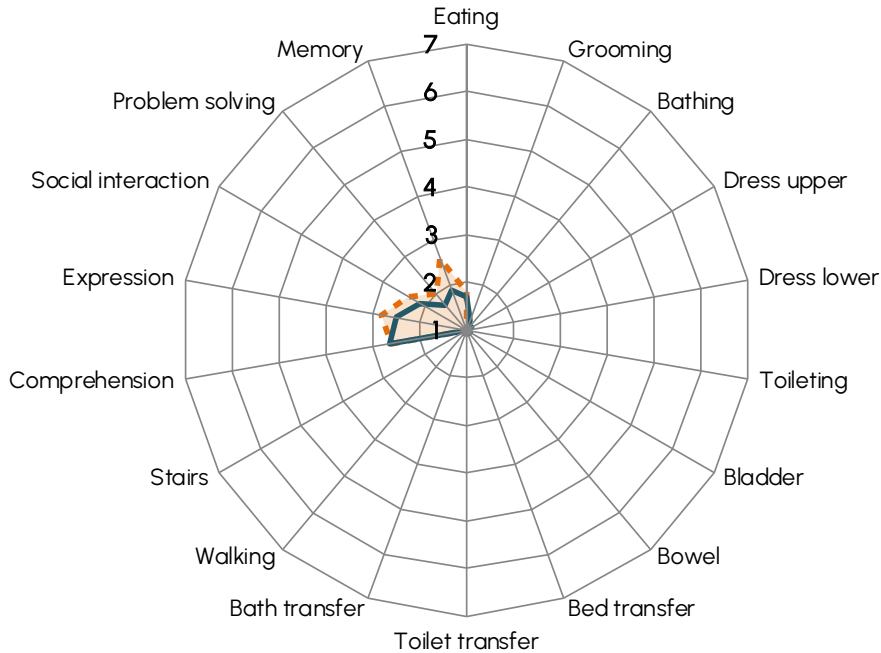
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Comparative FIM item scoring AN-SNAP class 5AZ1

## 5AZ1 Admission FIM scores

YOUR FACILITY CY25 (n=5)

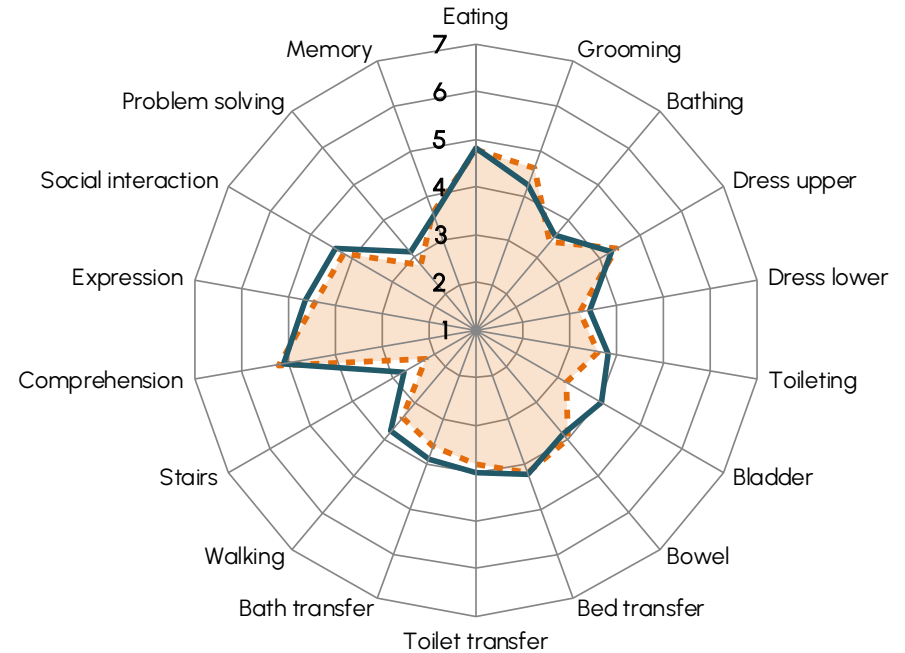
SPECIALIST CY25 (n=32)



## 5AZ1 Discharge FIM scores

YOUR FACILITY CY25 (n=5)

SPECIALIST CY25 (n=32)



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

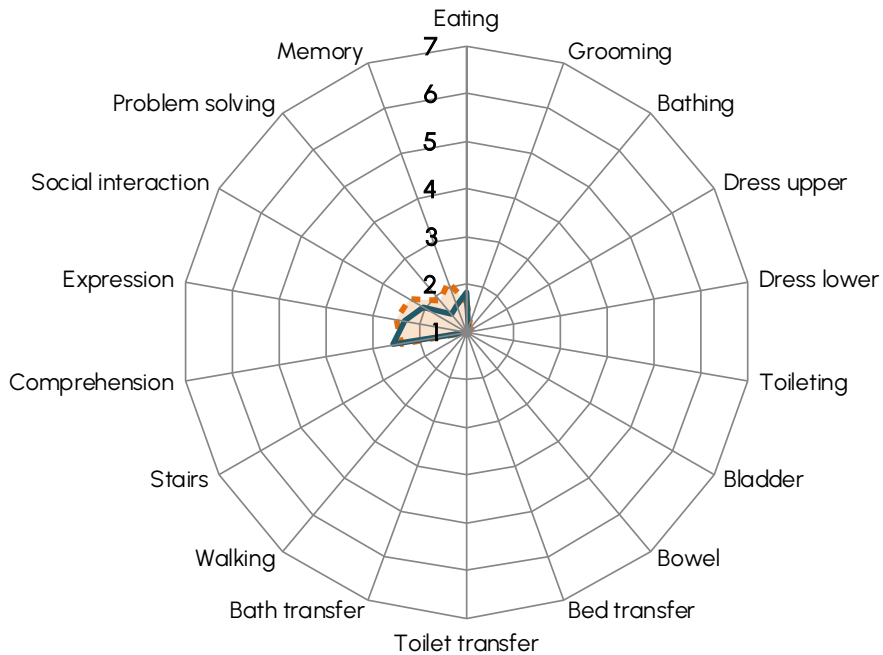
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Comparative FIM item scoring AN-SNAP class 5AZ2

## 5AZ2 Admission FIM scores

YOUR FACILITY CY25 (n=8)

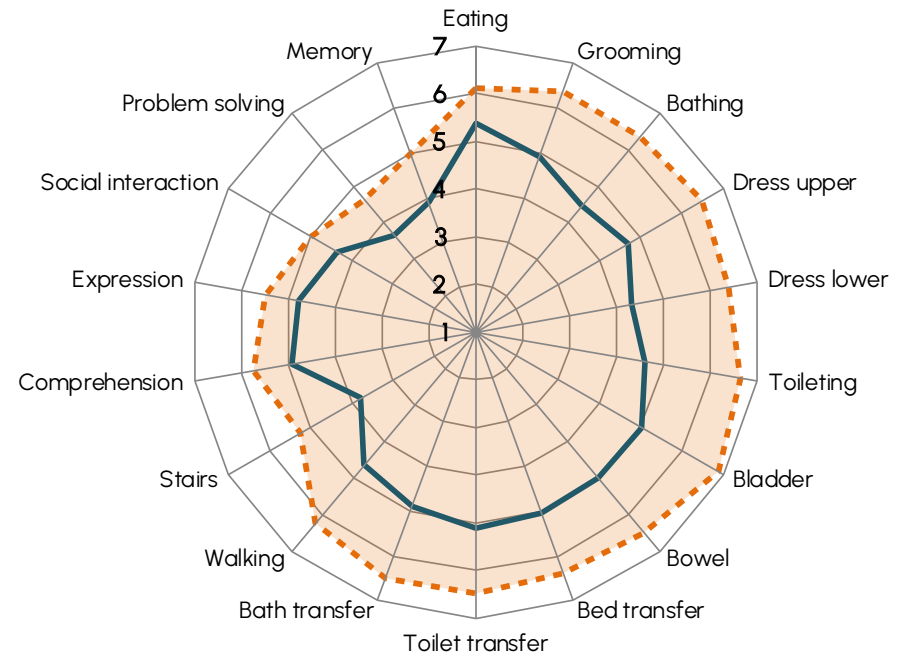
SPECIALIST CY25 (n=88)



## 5AZ2 Discharge FIM scores

YOUR FACILITY CY25 (n=8)

SPECIALIST CY25 (n=88)



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

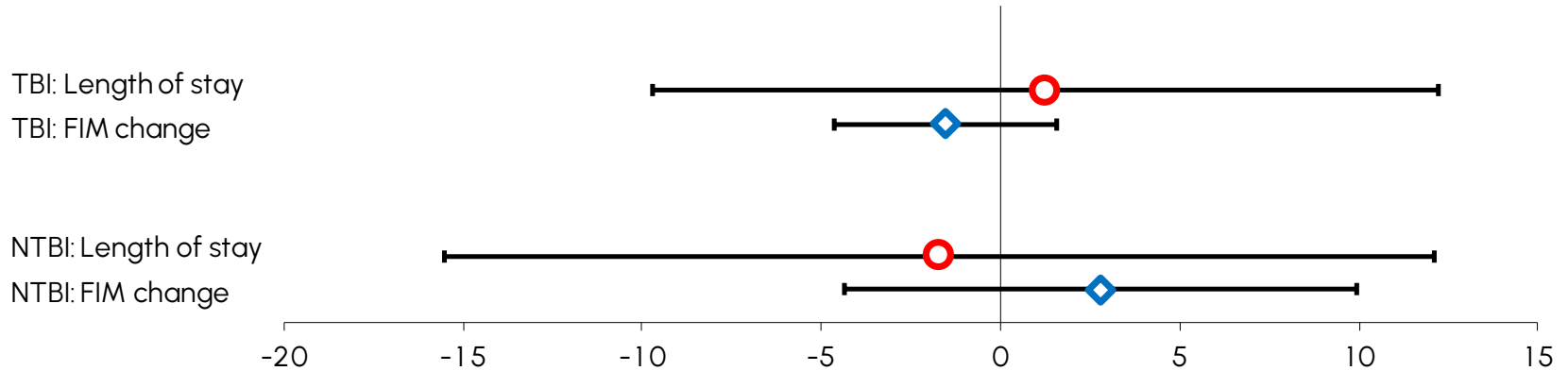
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.



# Outcomes analysis



# Casemix adjusted relative means



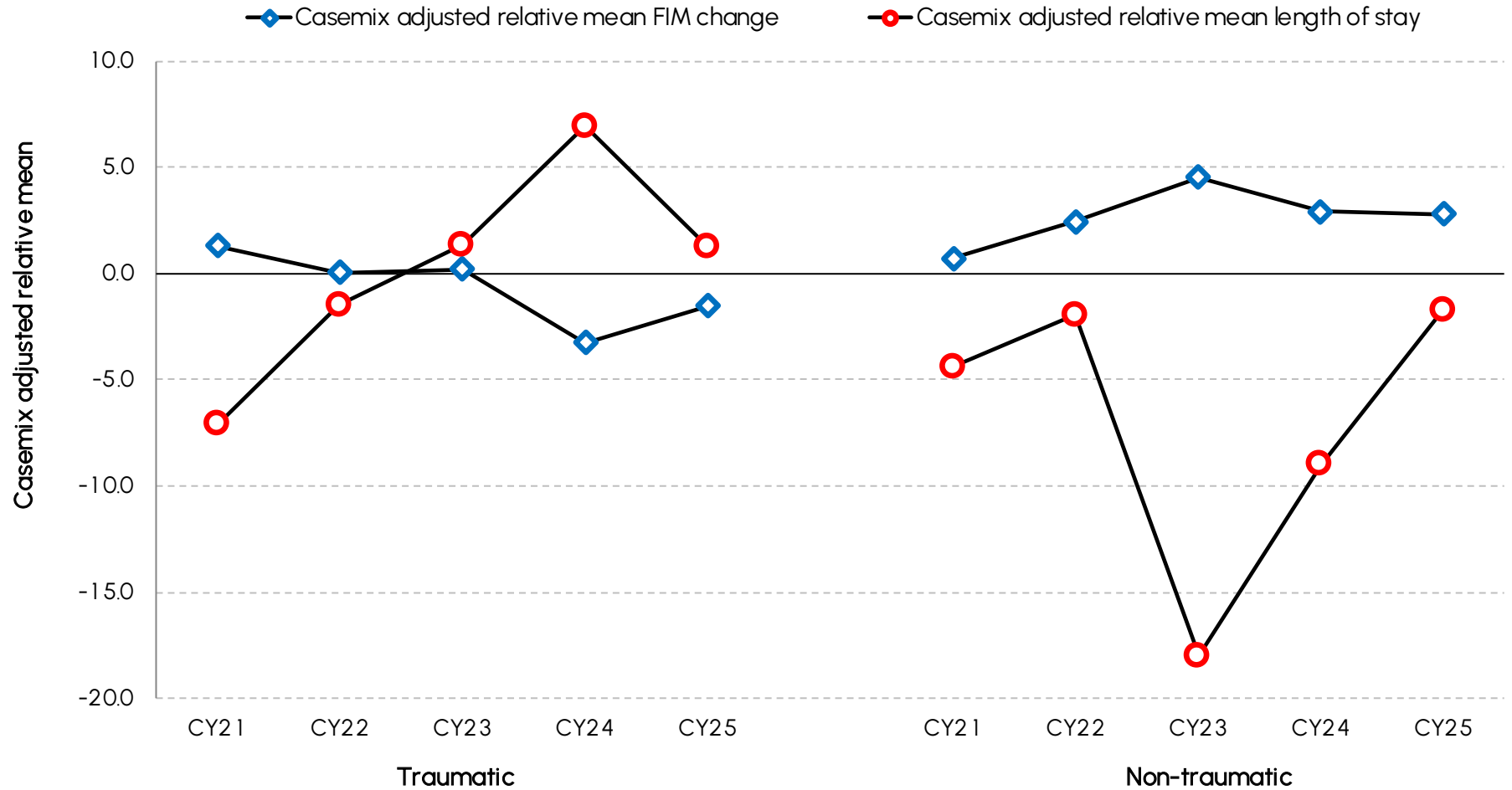
Casemix-adjusted relative means with 95% confidence intervals

Outcome measures	Traumatic		YOUR FACILITY CY25		Non-traumatic	
	Casemix-adjusted relative mean	95% CI	Casemix-adjusted relative mean	95% CI	Casemix-adjusted relative mean	95% CI
Length of stay	1.3	-9.7 to 12.2			-1.7	-15.5 to 12.1
FIM change	-1.5	-4.7 to 1.6			2.8	-4.3 to 9.9

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

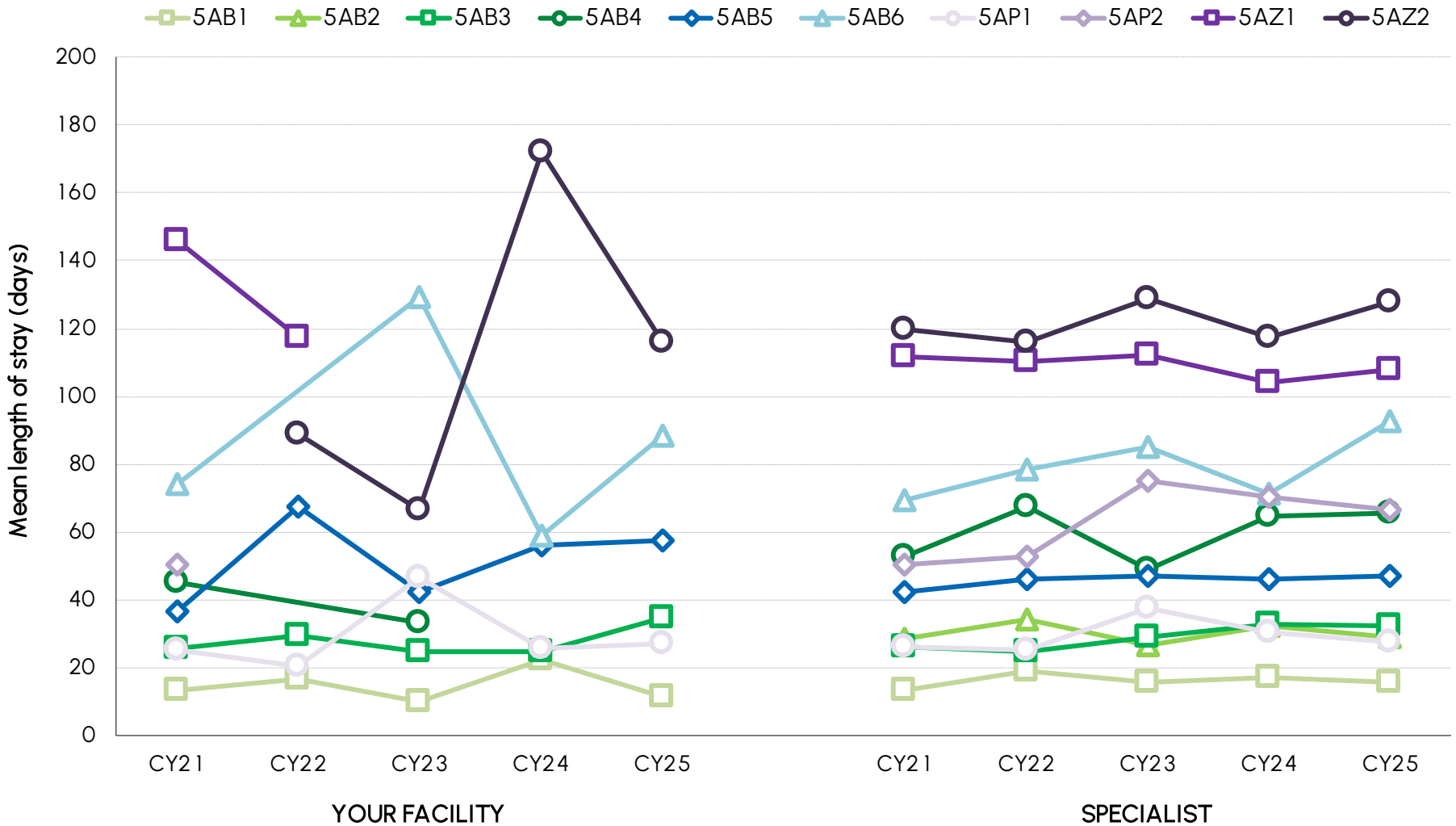
# Traumatic and non-traumatic brain injury casemix adjusted relative means over time

(base year = CY25)



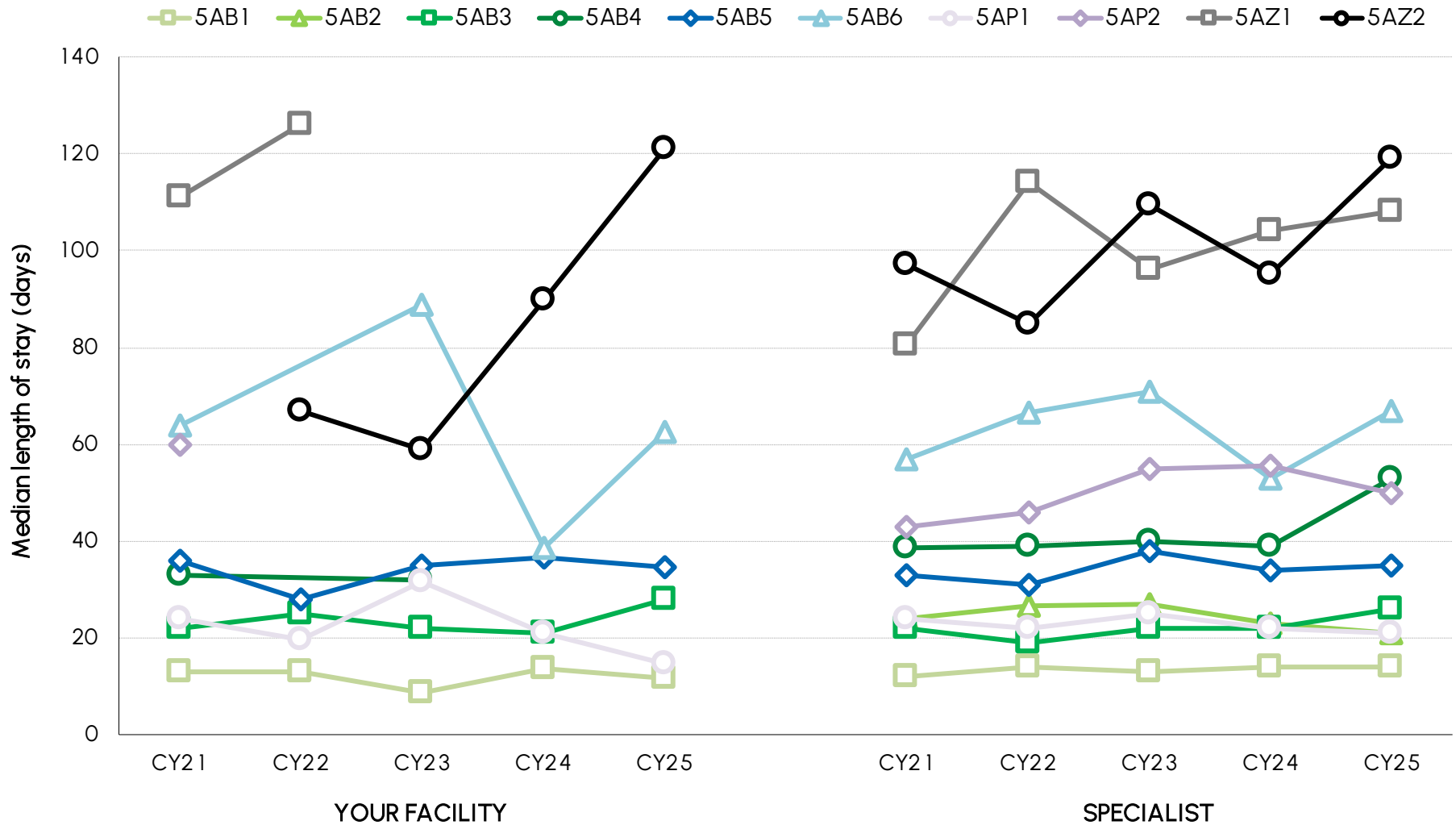
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<=500 days), valid FIM score and a groupable AN-SNAP (not 599A) with valid casemix data. The definition of a complete episode can be found in the glossary at the end of this report.

# 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

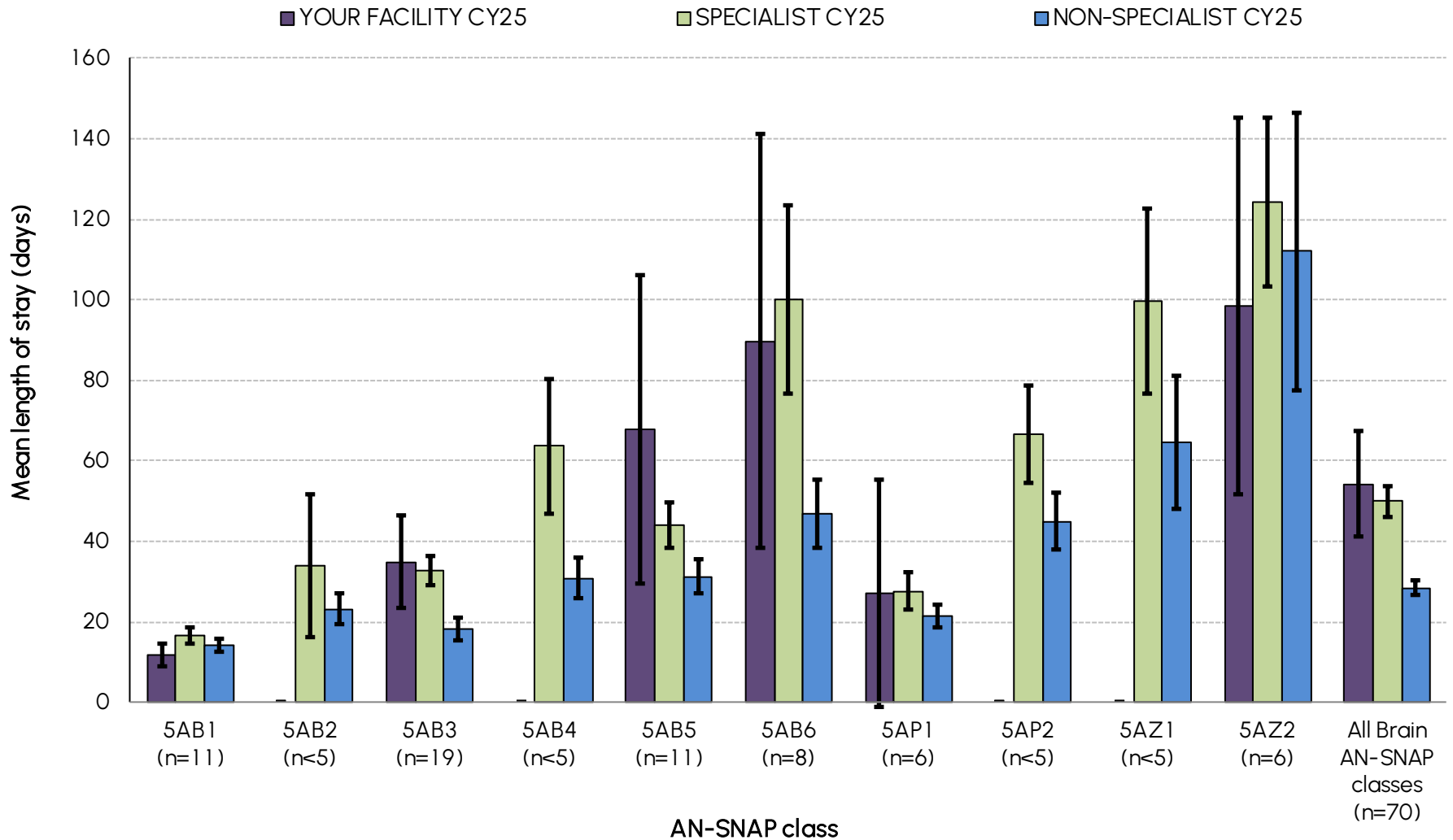
AN-SNAP class	YOUR FACILITY					SPECIALIST					NON-SPECIALIST				
	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25	CY21	CY22	CY23	CY24	CY25
5AB1 (BI, weighted FIM motor 59-91, FIM cog 27-35)	13.3	16.4	9.9	22.4	11.4	13.2	19.0	15.7	17.2	15.8	13.0	13.4	12.8	12.5	13.6
5AB2 (BI, weighted FIM motor 19-58, FIM cog 27-35)	—	—	—	—	—	28.5	34.3	26.8	32.1	29.2	21.7	23.6	22.0	22.0	24.8
5AB3 (BI, weighted FIM motor 50-91, FIM cog 19-26)	25.8	29.4	24.8	24.8	34.5	26.3	24.8	29.1	32.9	32.5	21.8	20.1	18.8	19.7	19.9
5AB4 (BI, weighted FIM motor 19-49, FIM cog 19-26)	45.1	—	33.2	—	—	52.8	67.5	49.0	64.4	65.4	31.6	32.7	33.0	30.9	34.5
5AB5 (BI, weighted FIM motor 39-91, FIM cog 5-18)	36.4	67.6	42.3	56.1	57.4	42.3	46.1	46.9	46.1	47.2	25.5	32.6	35.0	31.3	32.9
5AB6 (BI, weighted FIM motor 19-38, FIM cog 5-18)	74.0	—	129.2	58.8	88.2	69.5	78.4	85.2	71.2	92.5	45.4	38.5	40.2	50.3	48.4
5AP1 (MMT, weighted FIM motor 51-91)	25.1	20.4	46.8	25.8	27.2	26.3	25.1	37.4	30.6	27.7	23.6	21.2	19.9	19.4	21.4
5AP2 (MMT, weighted FIM motor 19-50)	50.2	—	—	—	—	50.5	52.9	75.2	70.4	66.7	47.9	44.9	49.9	50.2	44.9
5AZ1 (BI or MMT, age ≥ 59, weighted FIM motor 13-18)	146.0	117.4	—	—	—	111.8	110.1	112.4	103.9	107.8	46.4	62.5	52.9	57.2	61.2
5AZ2 (BI or MMT, age ≤ 58, weighted FIM motor 13-18)	—	89.0	66.7	172.2	116.1	119.9	115.9	128.8	117.2	128.1	98.6	75.8	89.9	101.4	115.7
<b>All Brain AN-SNAP classes</b>	<b>42.0</b>	<b>48.1</b>	<b>50.1</b>	<b>55.0</b>	<b>51.7</b>	<b>45.1</b>	<b>45.7</b>	<b>50.1</b>	<b>48.0</b>	<b>51.8</b>	<b>25.8</b>	<b>26.7</b>	<b>26.5</b>	<b>26.6</b>	<b>29.0</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
5AB1 (BI, weighted FIM motor 59-91, FIM cog 27-35)	13.0	13.0	8.5	13.5	11.5	12.0	14.0	13.0	14.0	14.0	11.0	12.0	12.0	11.0	12.0
5AB2 (BI, weighted FIM motor 19-58, FIM cog 27-35)	—	—	—	—	—	24.0	26.5	27.0	23.0	21.0	19.0	19.0	18.0	17.0	21.0
5AB3 (BI, weighted FIM motor 50-91, FIM cog 19-26)	22.0	25.0	22.0	21.0	28.0	22.0	19.0	22.0	22.0	26.0	16.0	16.0	15.0	15.0	16.0
5AB4 (BI, weighted FIM motor 19-49, FIM cog 19-26)	33.0	—	32.0	—	—	38.5	39.0	40.0	39.0	53.0	25.5	27.0	25.0	25.0	27.0
5AB5 (BI, weighted FIM motor 39-91, FIM cog 5-18)	36.0	28.0	35.0	36.5	34.5	33.0	31.0	38.0	34.0	35.0	21.0	24.0	26.0	23.0	26.0
5AB6 (BI, weighted FIM motor 19-38, FIM cog 5-18)	64.0	—	89.0	38.5	62.5	57.0	66.5	71.0	53.0	67.0	34.0	30.5	32.5	40.0	39.0
5AP1 (MMT, weighted FIM motor 51-91)	24.0	19.5	31.5	21.0	14.5	24.0	22.0	25.0	22.0	21.0	17.0	15.0	20.0	14.0	20.0
5AP2 (MMT, weighted FIM motor 19-50)	60.0	—	—	—	—	43.0	46.0	55.0	55.5	50.0	36.5	35.0	38.0	43.0	41.0
5AZ1 (BI or MMT, age ≥ 59, weighted FIM motor 13-18)	111.0	126.0	—	—	—	80.5	114.0	96.0	104.0	108.0	40.0	49.5	45.0	42.0	57.0
5AZ2 (BI or MMT, age ≤ 58, weighted FIM motor 13-18)	—	67.0	59.0	90.0	121.0	97.0	85.0	109.5	95.0	119.0	65.0	63.0	81.0	77.0	96.5
<b>All Brain AN-SNAP classes</b>	<b>28.0</b>	<b>28.0</b>	<b>28.0</b>	<b>34.0</b>	<b>31.0</b>	<b>29.0</b>	<b>29.0</b>	<b>31.0</b>	<b>30.0</b>	<b>33.0</b>	<b>18.0</b>	<b>19.0</b>	<b>18.0</b>	<b>17.0</b>	<b>20.0</b>

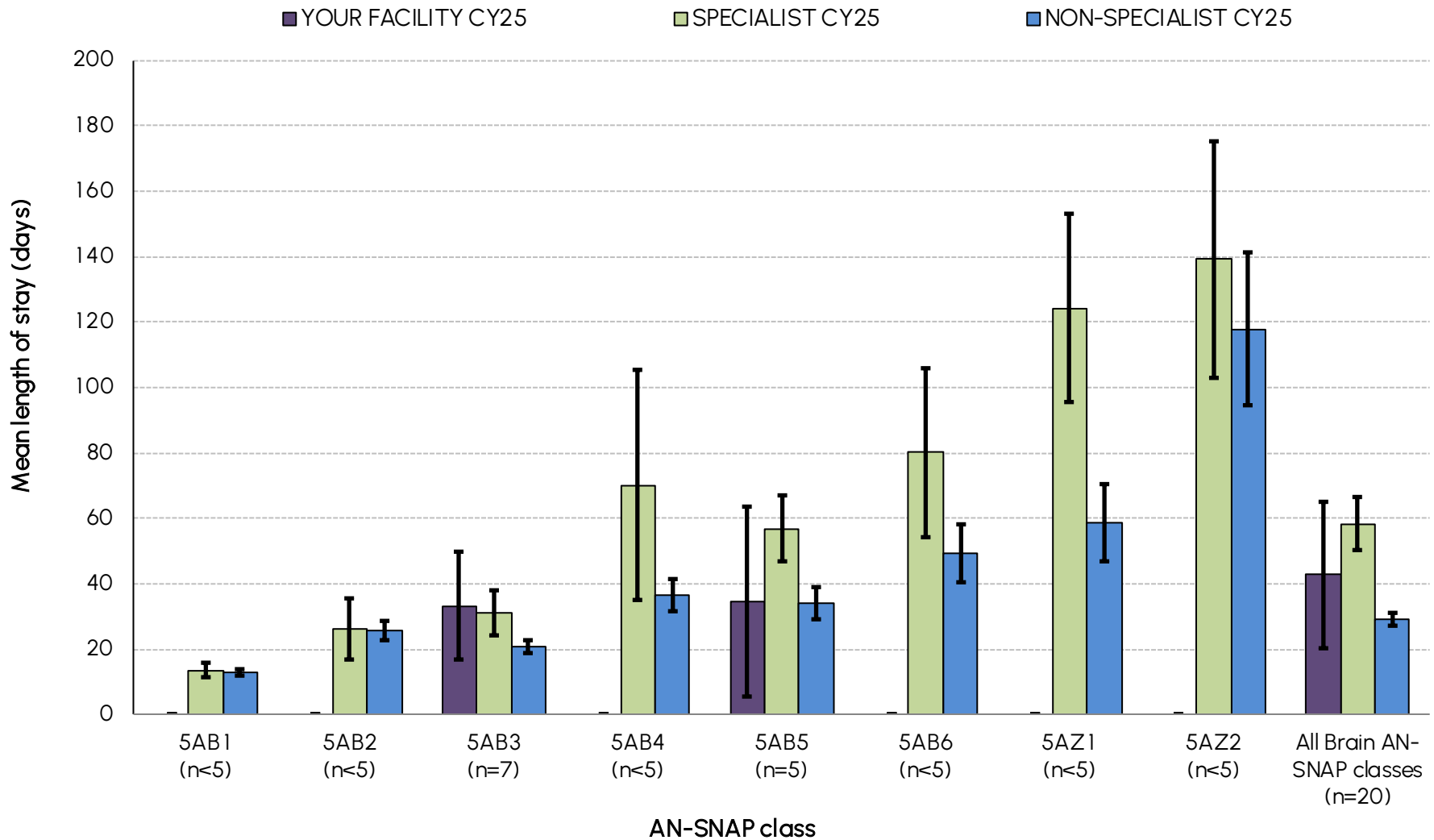
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# Traumatic brain injury mean length of stay by AN-SNAP class



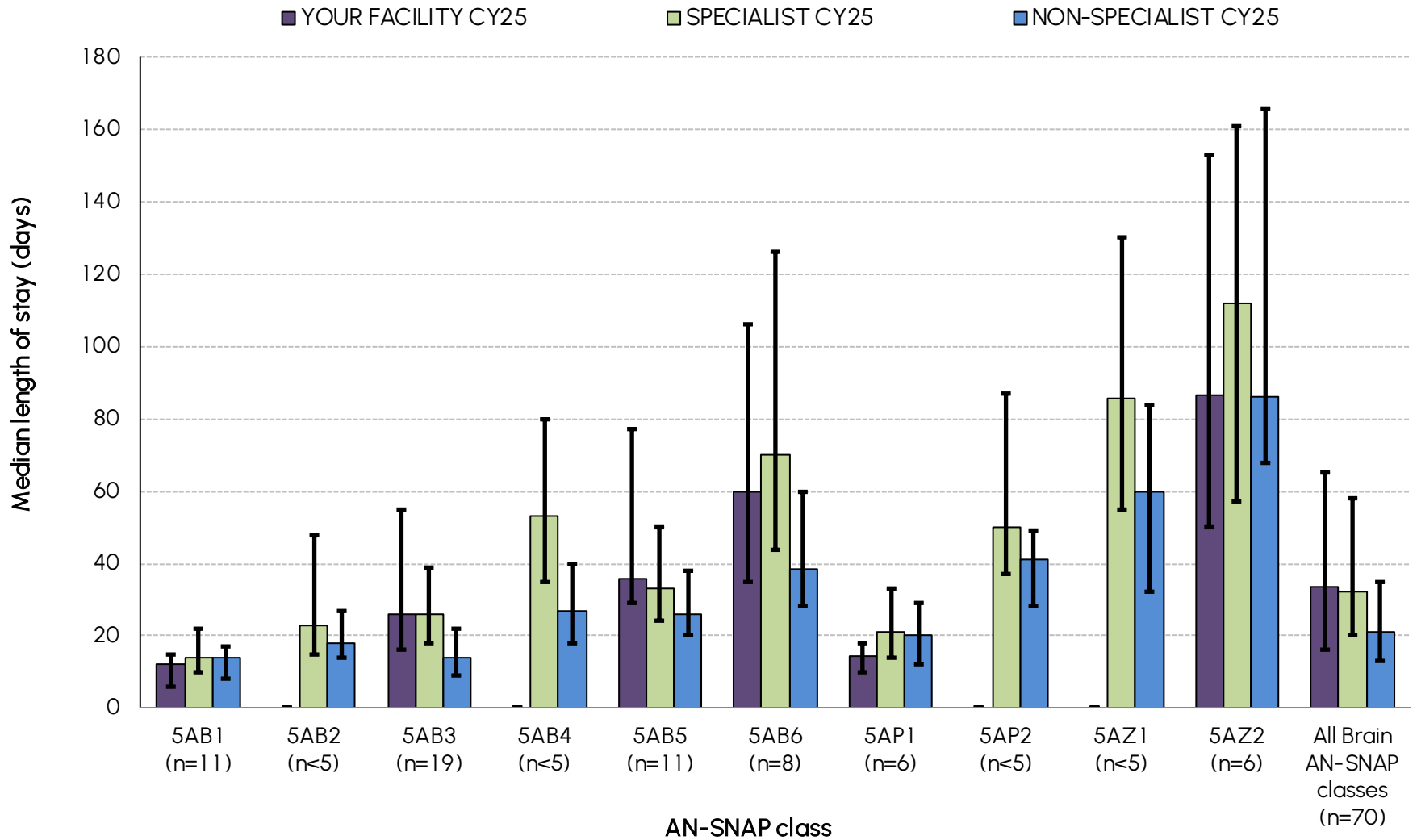
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# Non-traumatic brain injury mean length of stay by AN-SNAP class



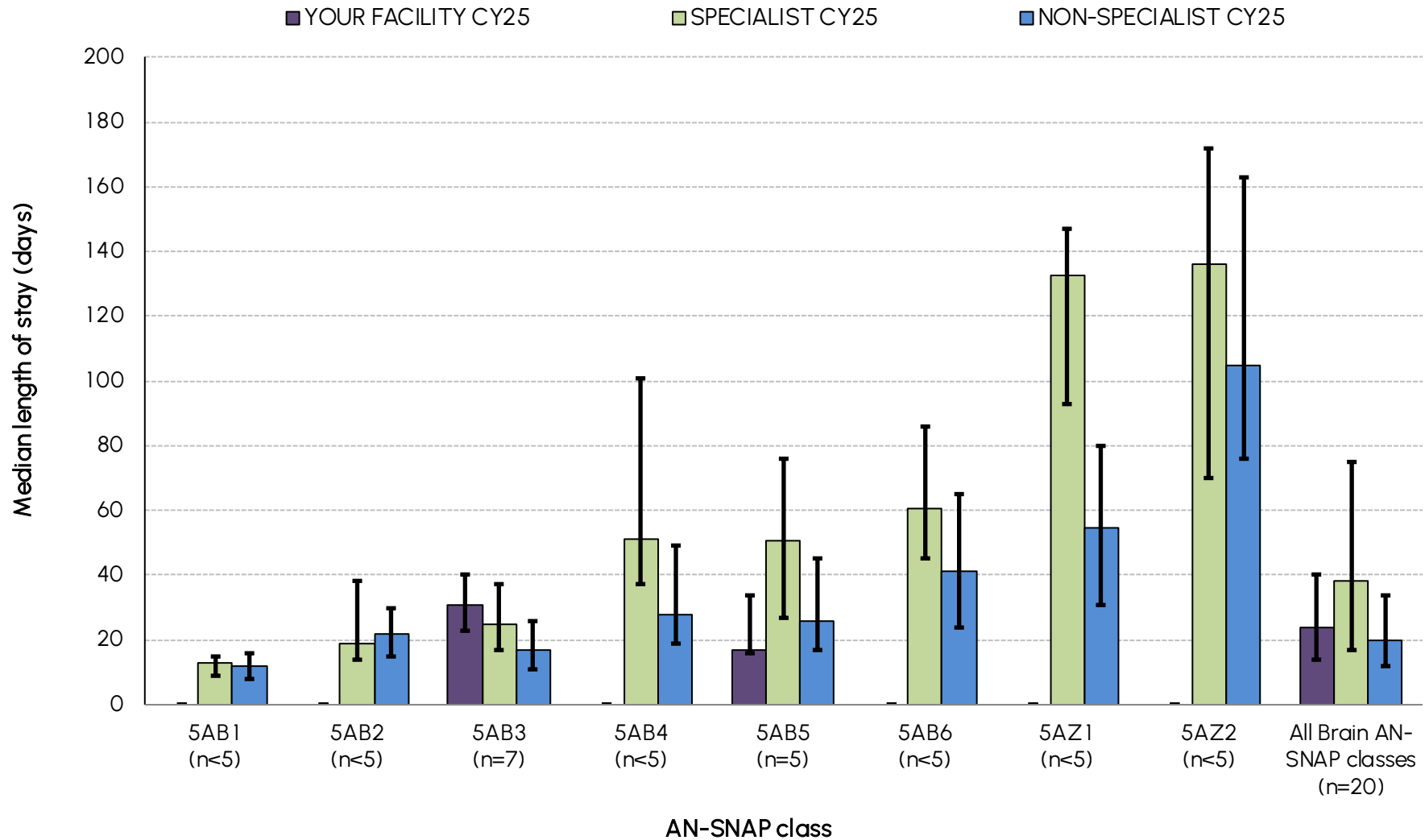
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# Traumatic brain injury median length of stay by AN-SNAP class



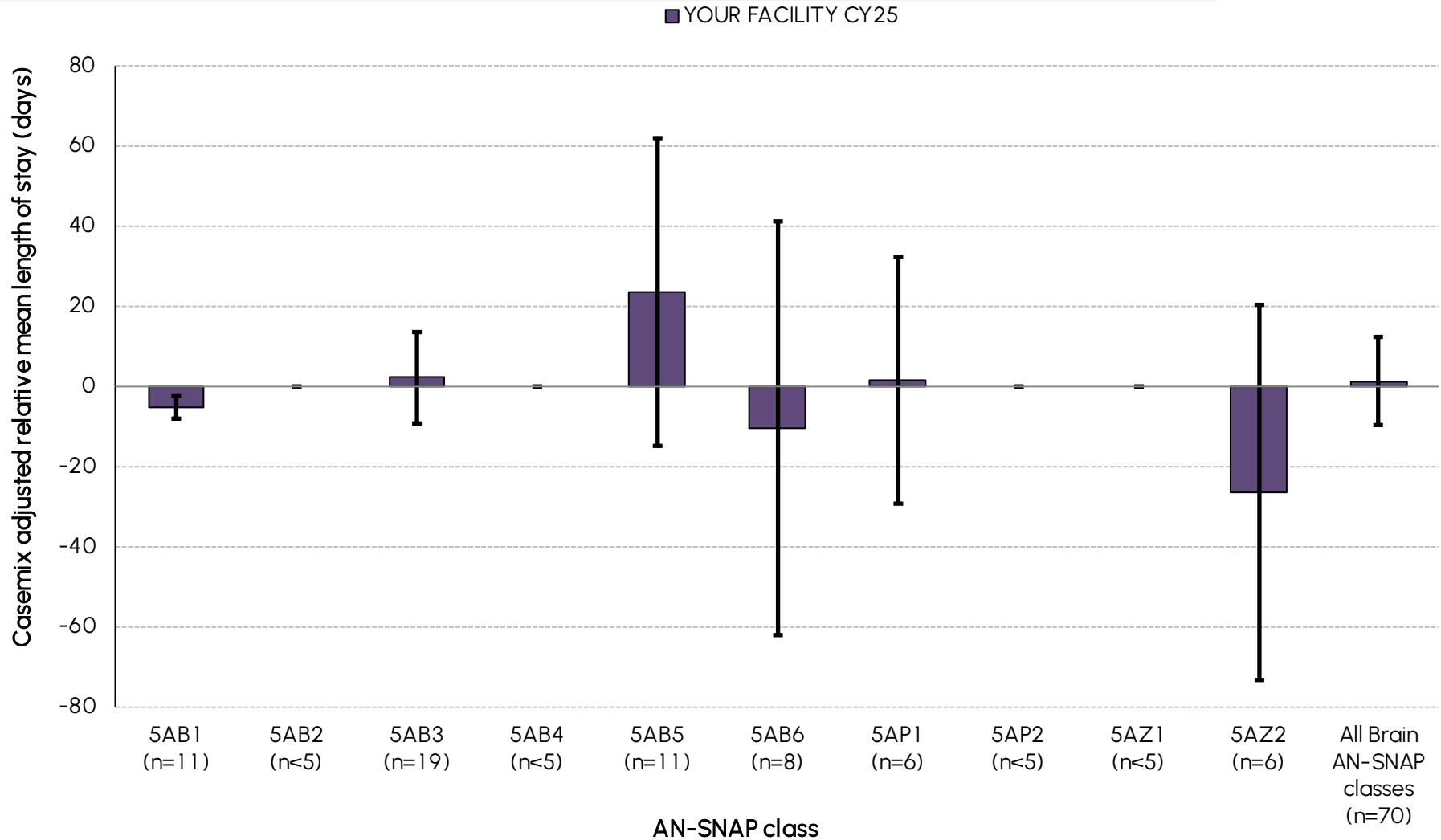
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# Non-traumatic brain injury median length of stay by AN-SNAP class



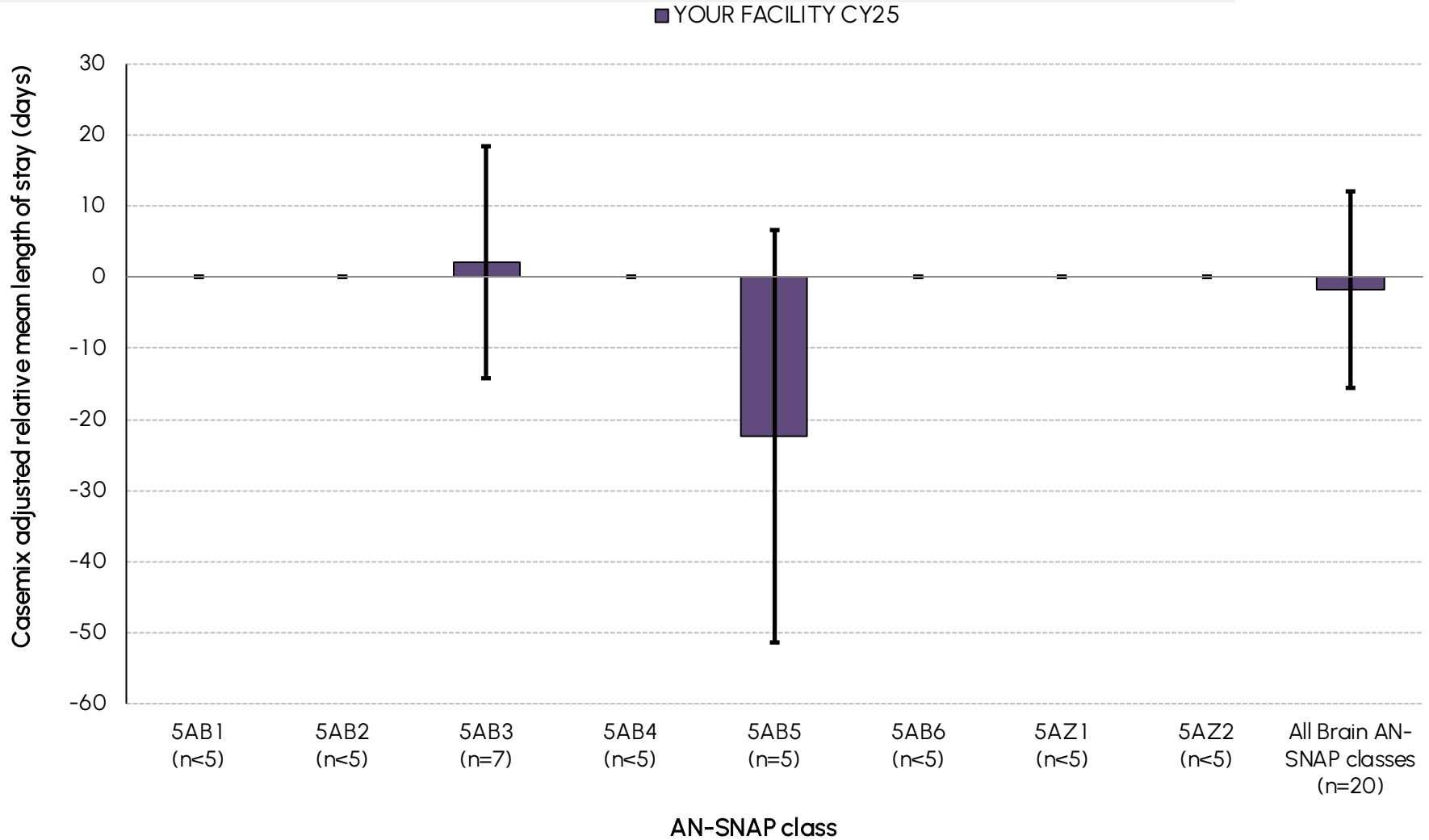
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

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



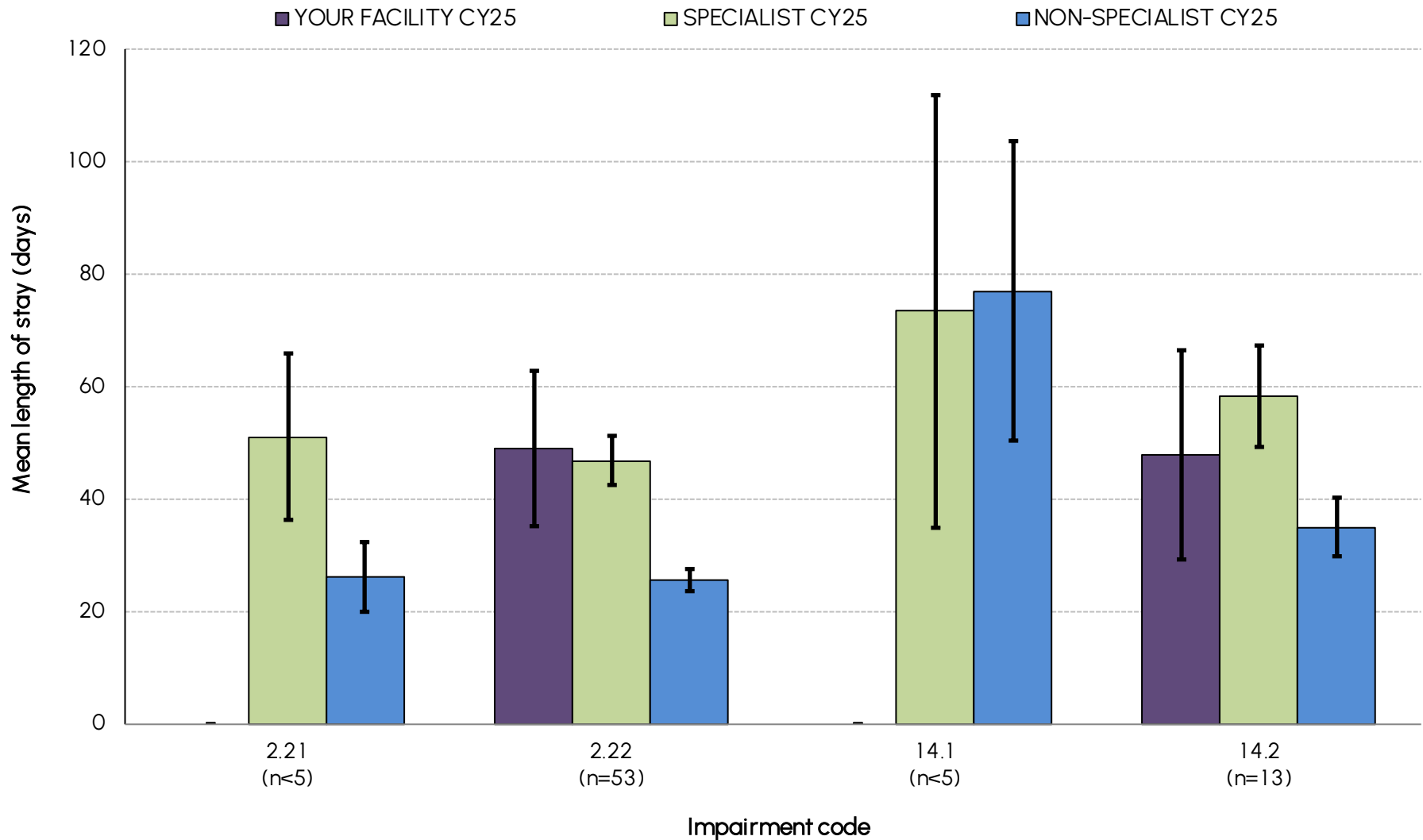
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<=500 days), valid FIM score and a groupable AN-SNAP (not 599A) with valid casemix data. The definition of a complete episode can be found in the glossary at the end of this report.

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



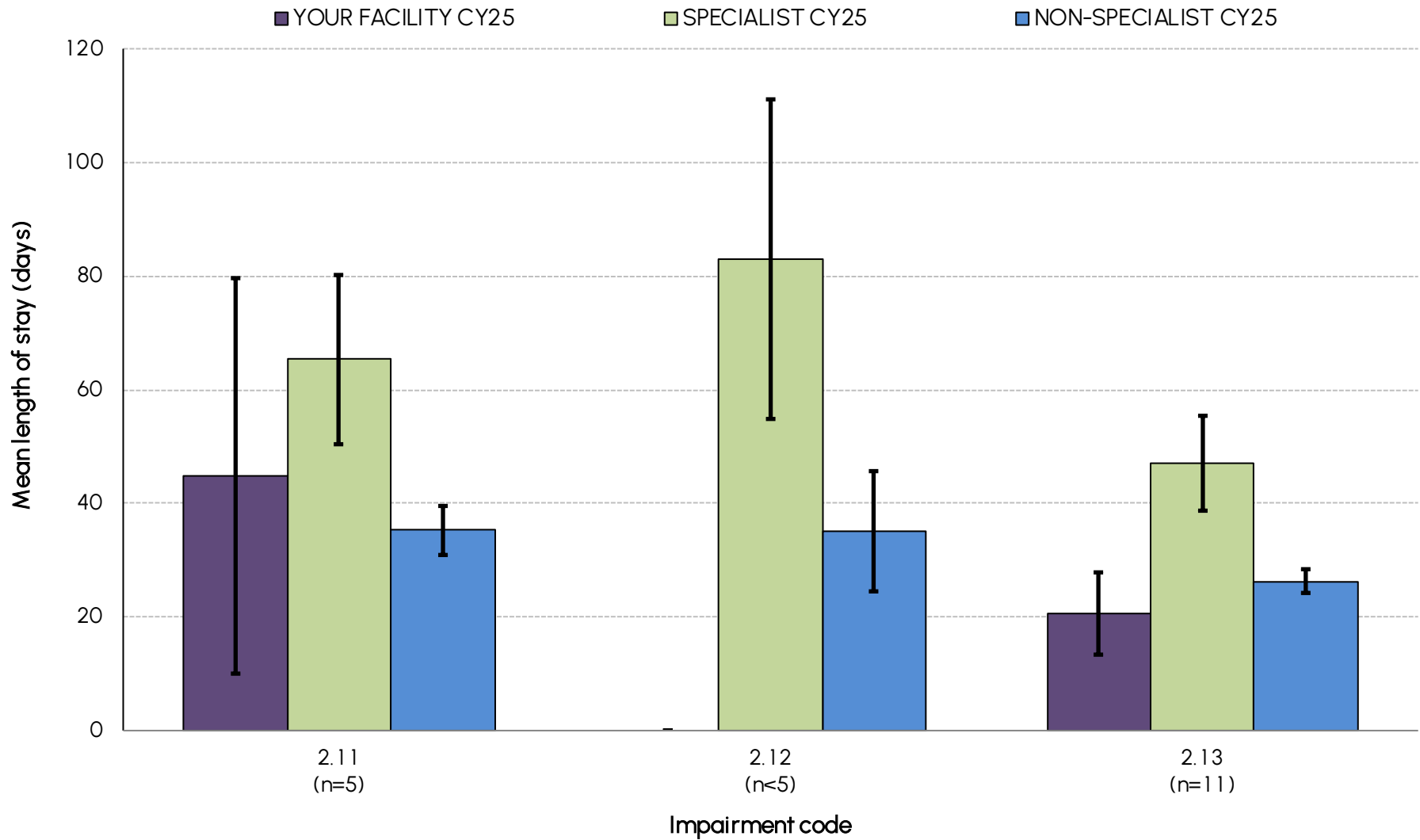
INCLUDES: complete episodes that are first direct care admissions with valid LOS ( $\leq 500$  days), valid FIM score and a groupable AN-SNAP (not 599A) with valid casemix data. The definition of a complete episode can be found in the glossary at the end of this report.

# Traumatic brain injury mean length of stay by impairment



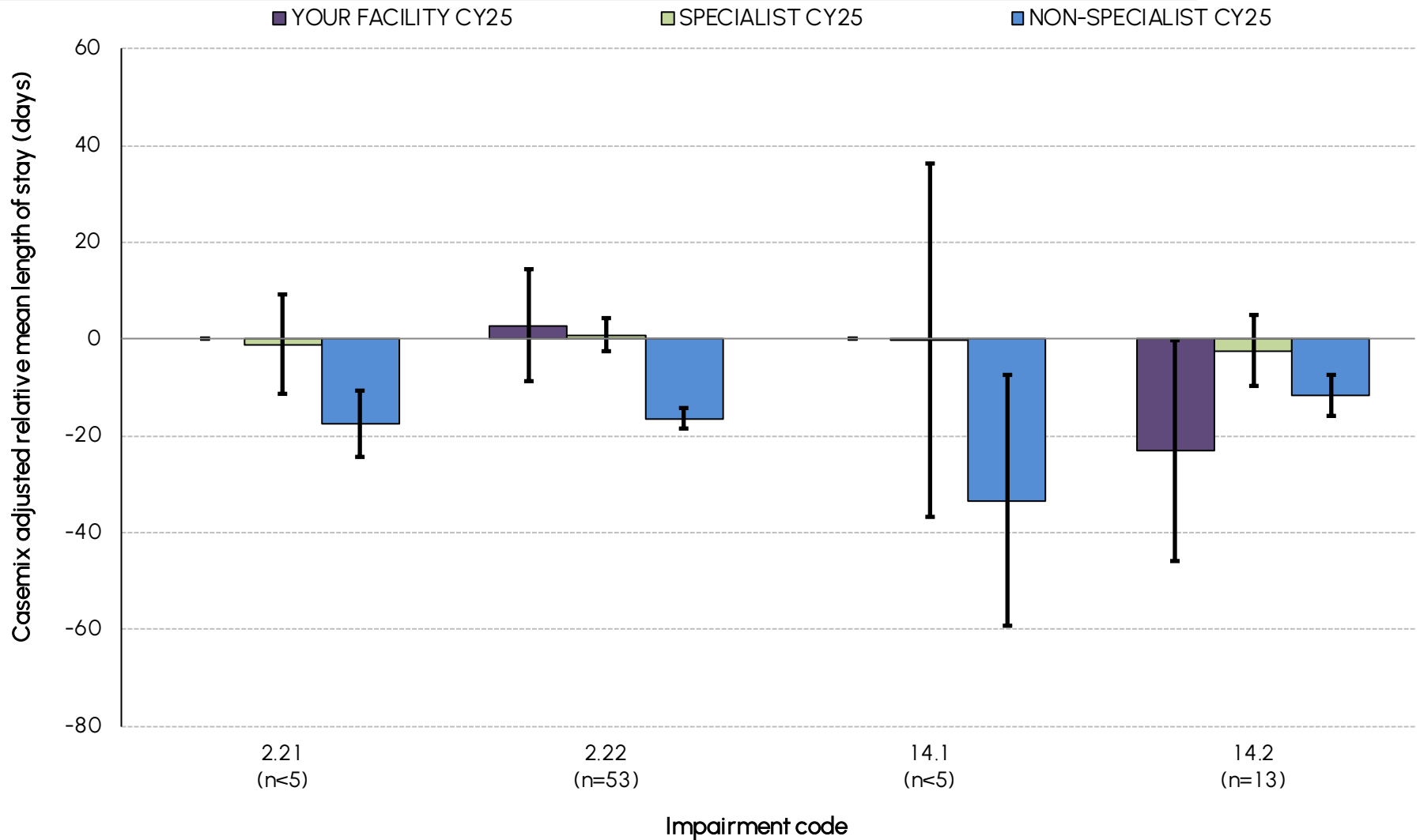
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# Non-traumatic brain injury mean length of stay by impairment



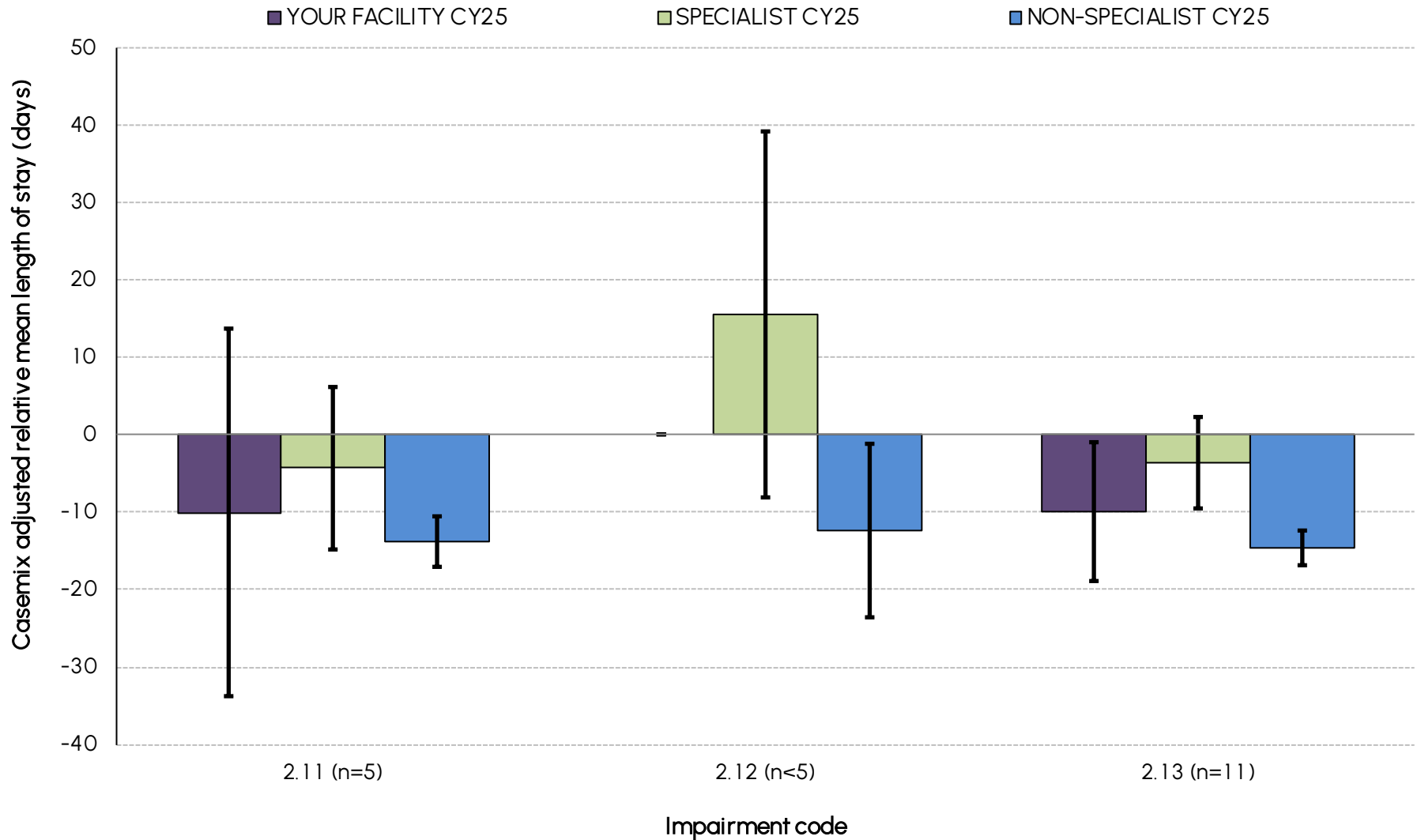
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# TBI casemix adjusted relative mean length of stay by impairment



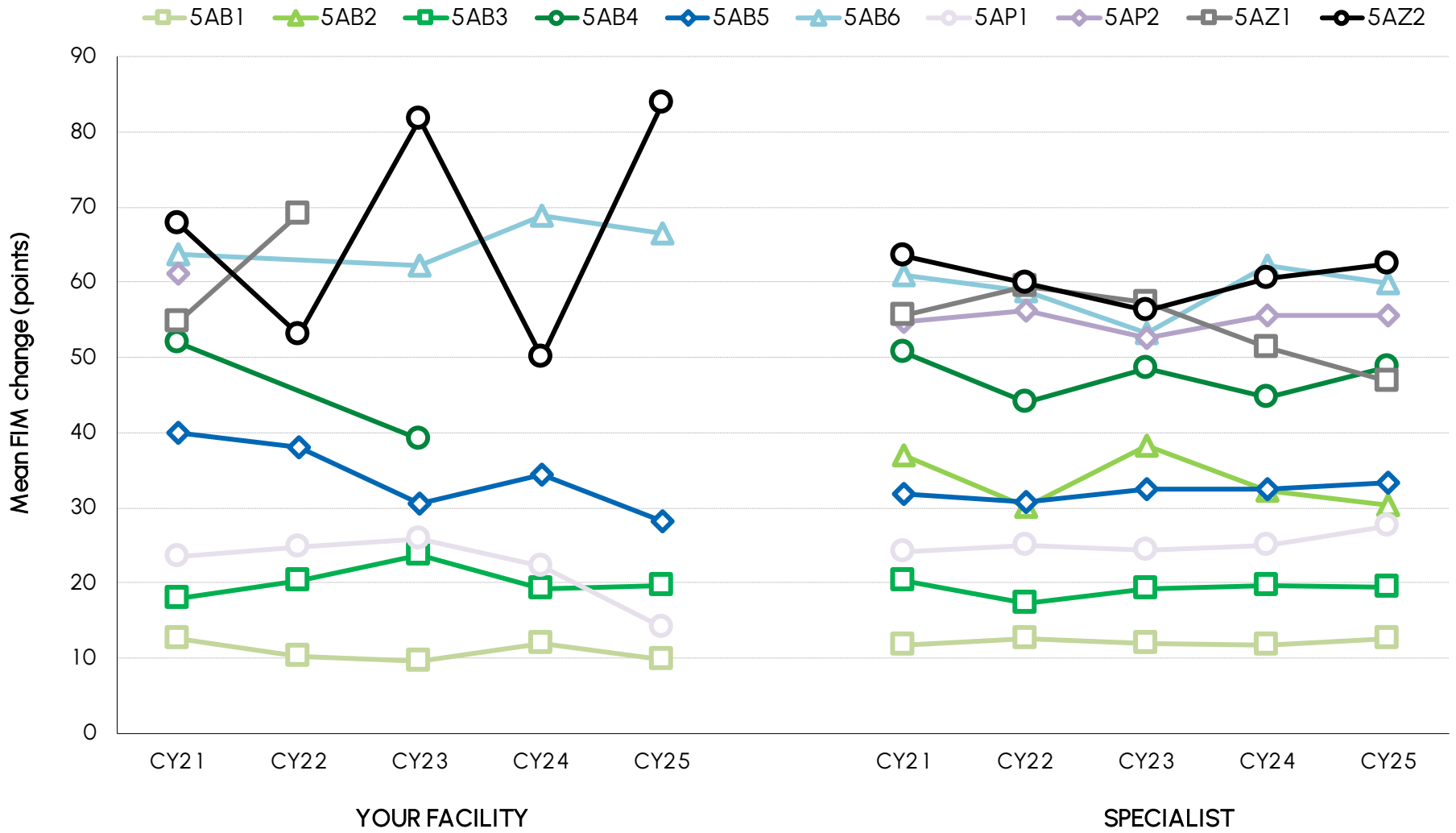
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<=500 days), valid FIM score and a groupable AN-SNAP (not 599A) with valid casemix data. The definition of a complete episode can be found in the glossary at the end of this report.

# NTBI casemix adjusted relative mean length of stay by impairment



INCLUDES: complete episodes that are first direct care admissions with valid LOS ( $\leq 500$  days), valid FIM score and a groupable AN-SNAP (not 599A) with valid casemix data. 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



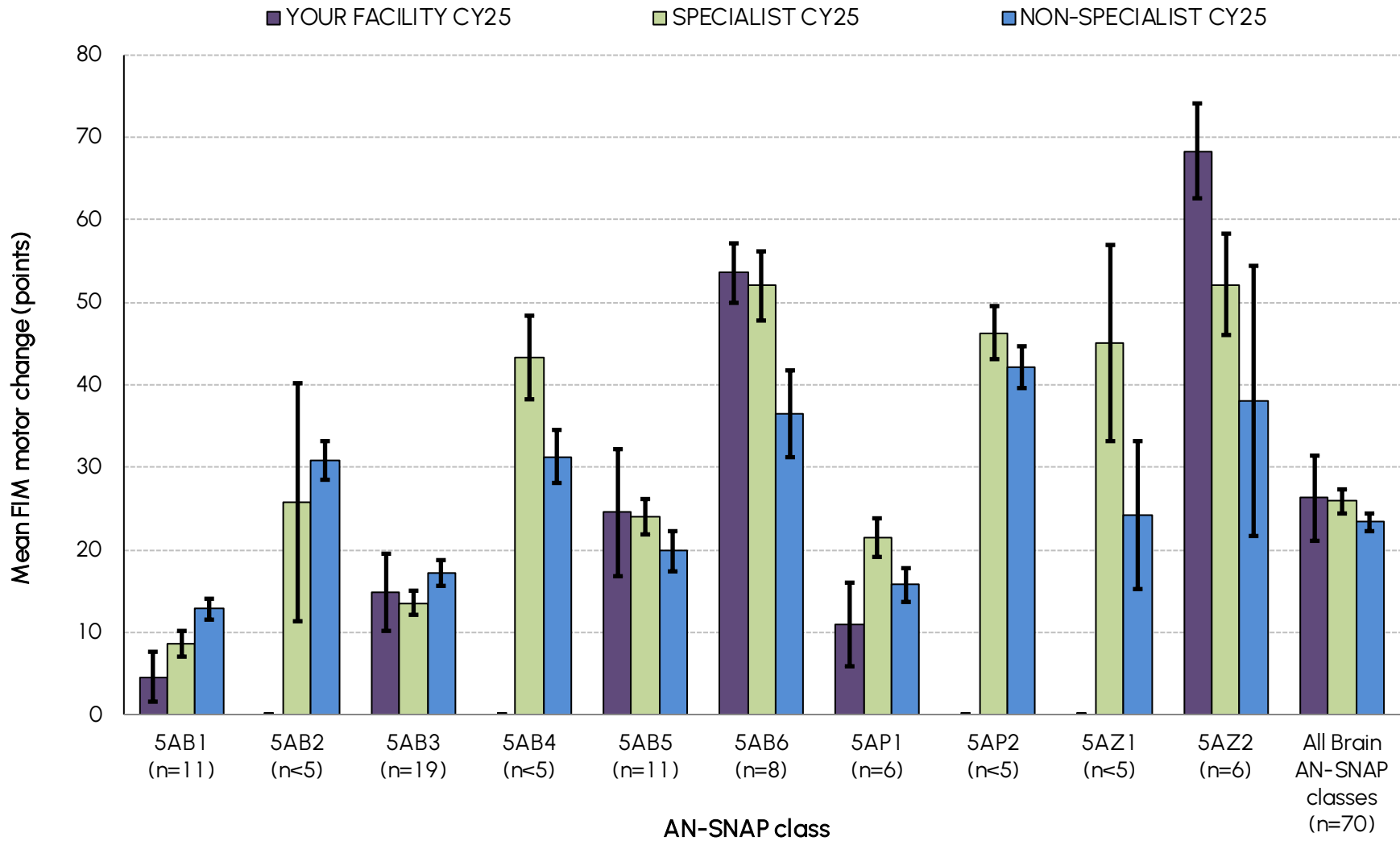
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# 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
5AB1 (BI, weighted FIM motor 59-91, FIM cog 27-35)	12.6	10.3	9.6	12.0	9.8	11.7	12.6	11.9	11.8	12.6	14.8	14.4	14.5	14.6	14.7
5AB2 (BI, weighted FIM motor 19-58, FIM cog 27-35)	—	—	—	—	—	36.9	30.1	38.2	32.3	30.4	27.6	27.8	28.9	30.0	31.5
5AB3 (BI, weighted FIM motor 50-91, FIM cog 19-26)	17.9	20.4	23.7	19.3	19.7	20.3	17.2	19.3	19.7	19.6	19.6	18.8	20.5	19.8	20.9
5AB4 (BI, weighted FIM motor 19-49, FIM cog 19-26)	52.0	—	39.2	—	—	50.7	44.0	48.6	44.7	48.8	31.2	32.7	33.6	33.6	33.2
5AB5 (BI, weighted FIM motor 39-91, FIM cog 5-18)	39.9	38.1	30.6	34.4	28.3	31.9	30.7	32.5	32.5	33.4	25.7	23.7	25.1	27.8	27.2
5AB6 (BI, weighted FIM motor 19-38, FIM cog 5-18)	63.8	—	62.2	68.8	66.6	61.0	58.8	53.2	62.2	59.8	33.7	33.7	40.4	41.3	44.5
5AP1 (MMT, weighted FIM motor 51-91)	23.4	24.8	25.9	22.3	14.2	24.1	24.9	24.4	24.9	27.6	20.8	19.1	23.0	20.9	18.5
5AP2 (MMT, weighted FIM motor 19-50)	61.2	—	—	—	—	54.7	56.3	52.7	55.7	55.6	43.4	41.8	39.8	43.2	46.1
5AZ1 (BI or MMT, age ≥ 59, weighted FIM motor 13-18)	54.8	69.0	—	—	—	55.6	59.5	57.2	51.3	46.9	30.1	32.3	36.3	40.8	35.5
5AZ2 (BI or MMT, age ≤ 58, weighted FIM motor 13-18)	67.8	53.1	81.7	50.0	83.9	63.5	59.8	56.2	60.5	62.5	37.0	46.4	43.7	42.5	42.7
<b>All Brain AN-SNAP classes</b>	<b>35.0</b>	<b>32.1</b>	<b>34.1</b>	<b>31.3</b>	<b>32.6</b>	<b>34.1</b>	<b>31.9</b>	<b>32.0</b>	<b>32.3</b>	<b>33.4</b>	<b>24.0</b>	<b>23.9</b>	<b>25.3</b>	<b>25.8</b>	<b>26.6</b>

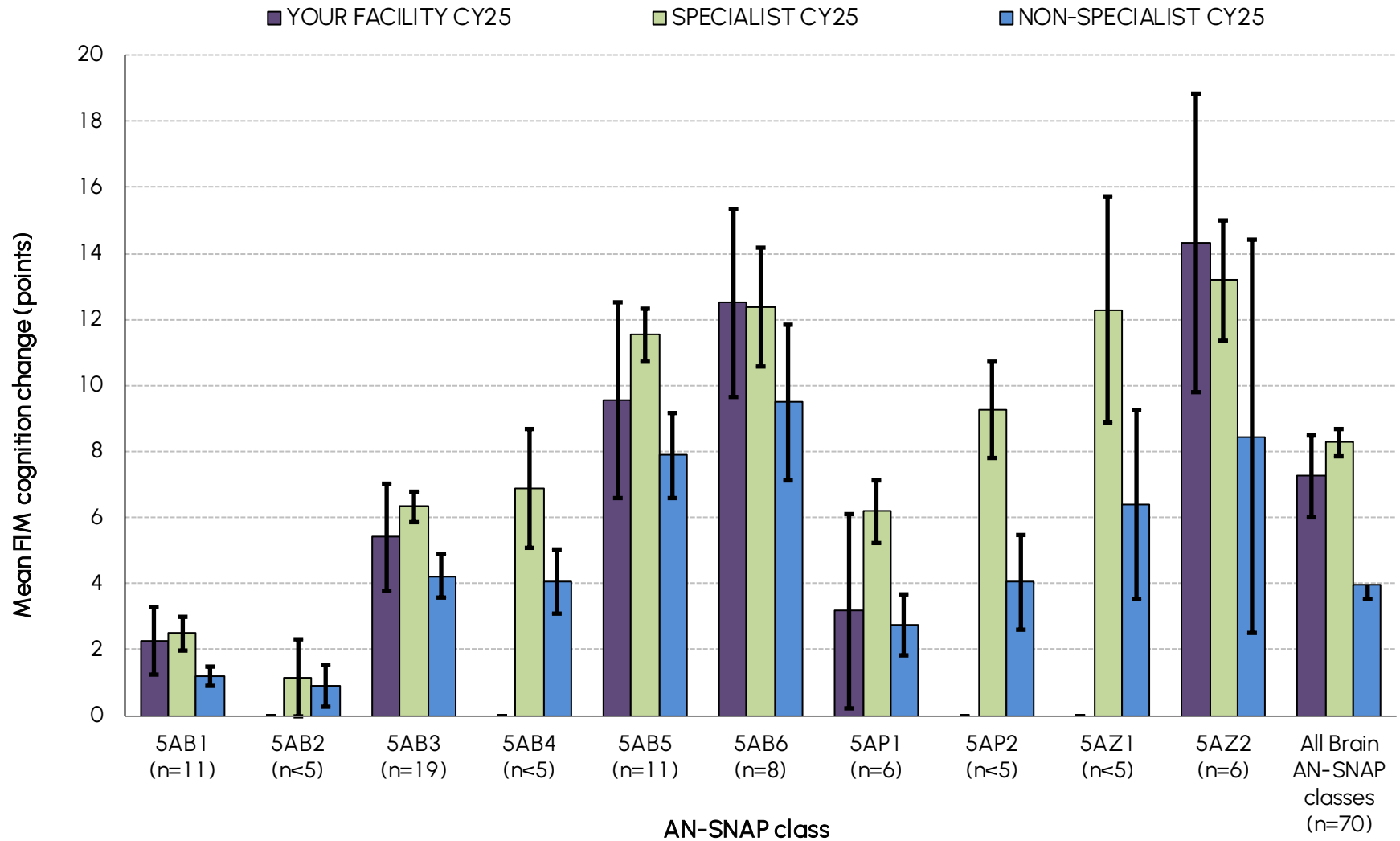
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# Traumatic brain injury mean FIM motor change by AN-SNAP class



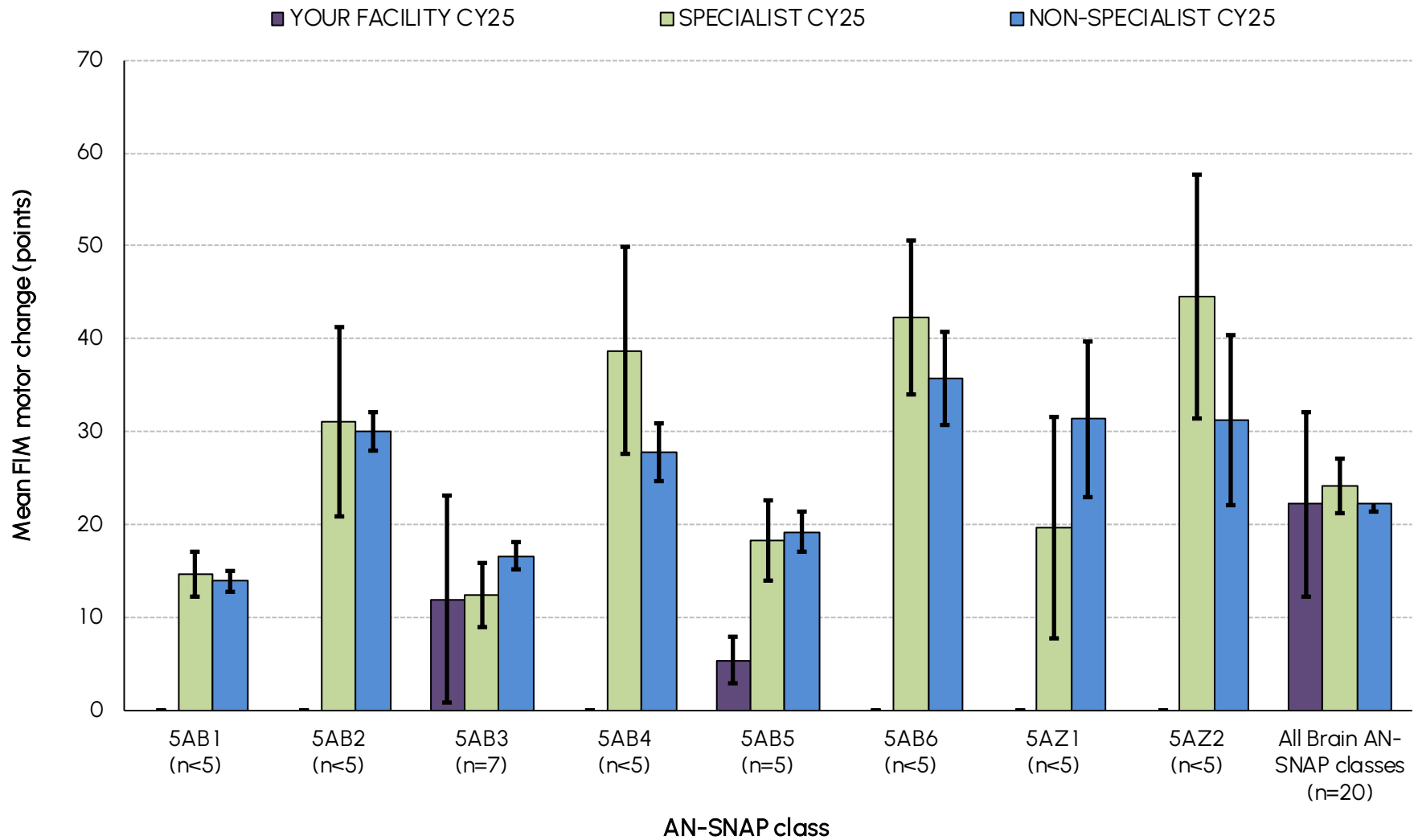
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# Traumatic brain injury mean FIM cognition change by AN-SNAP class



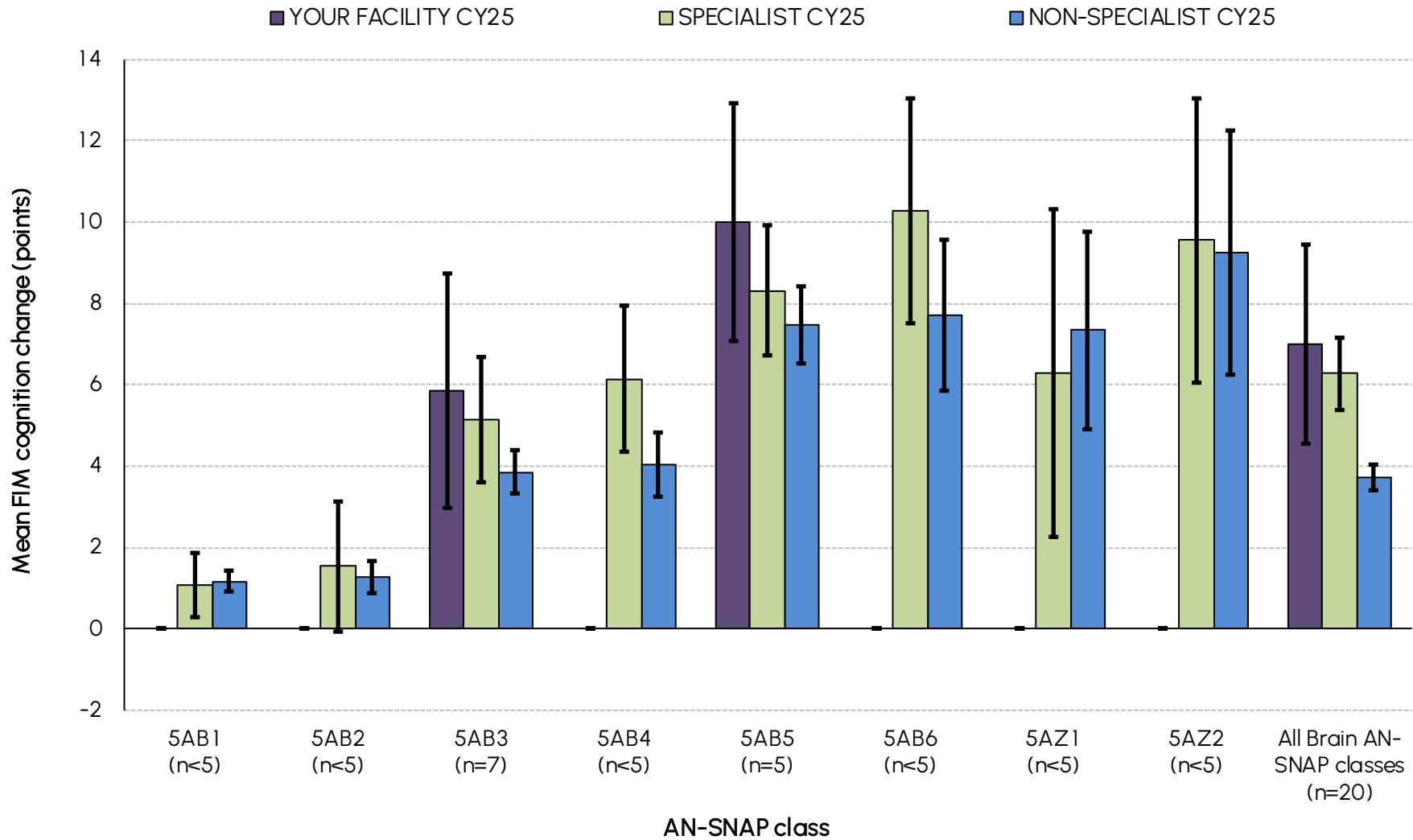
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# Non-traumatic brain injury mean FIM motor change by AN-SNAP class



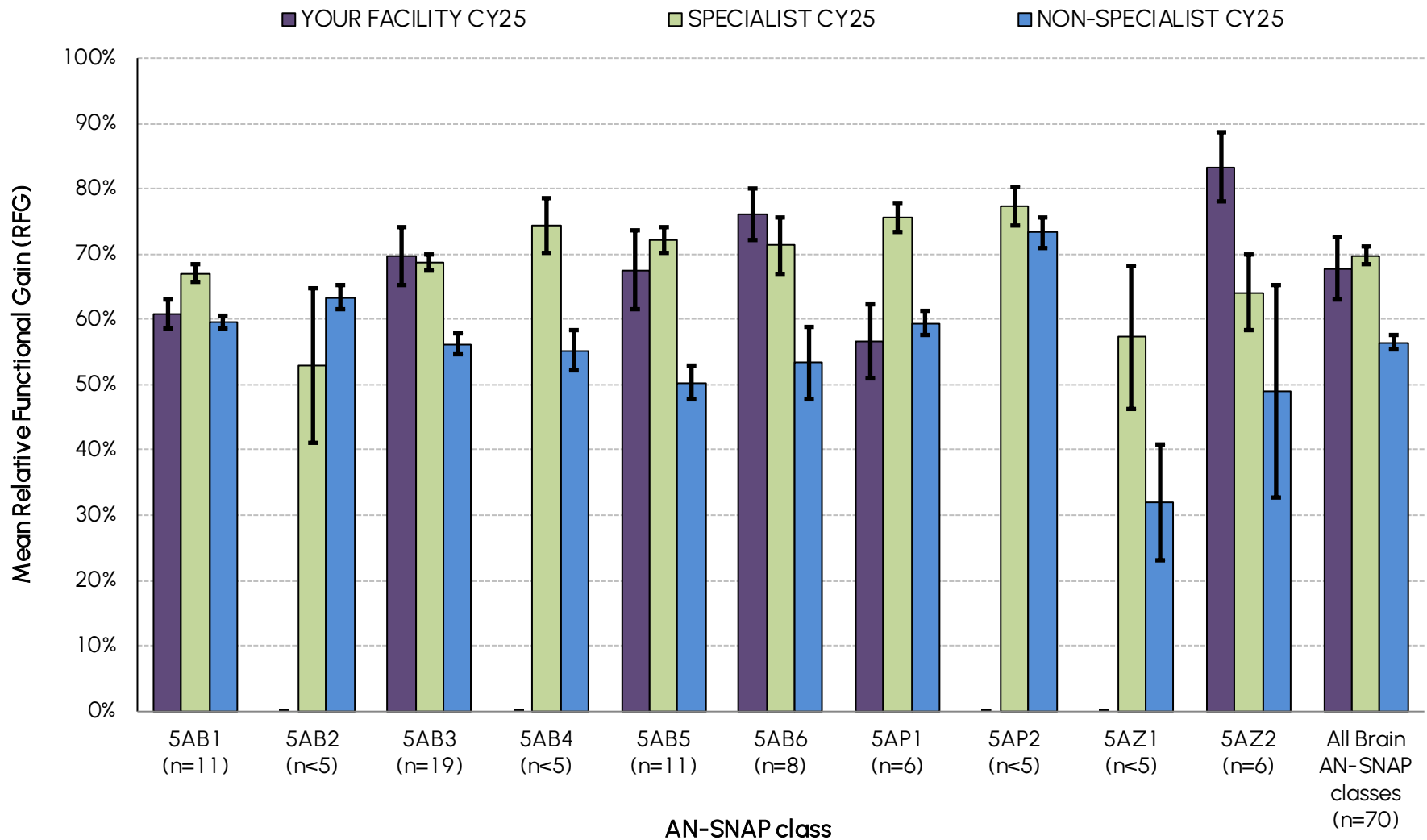
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# Non-traumatic brain injury mean FIM cognition change by AN-SNAP class



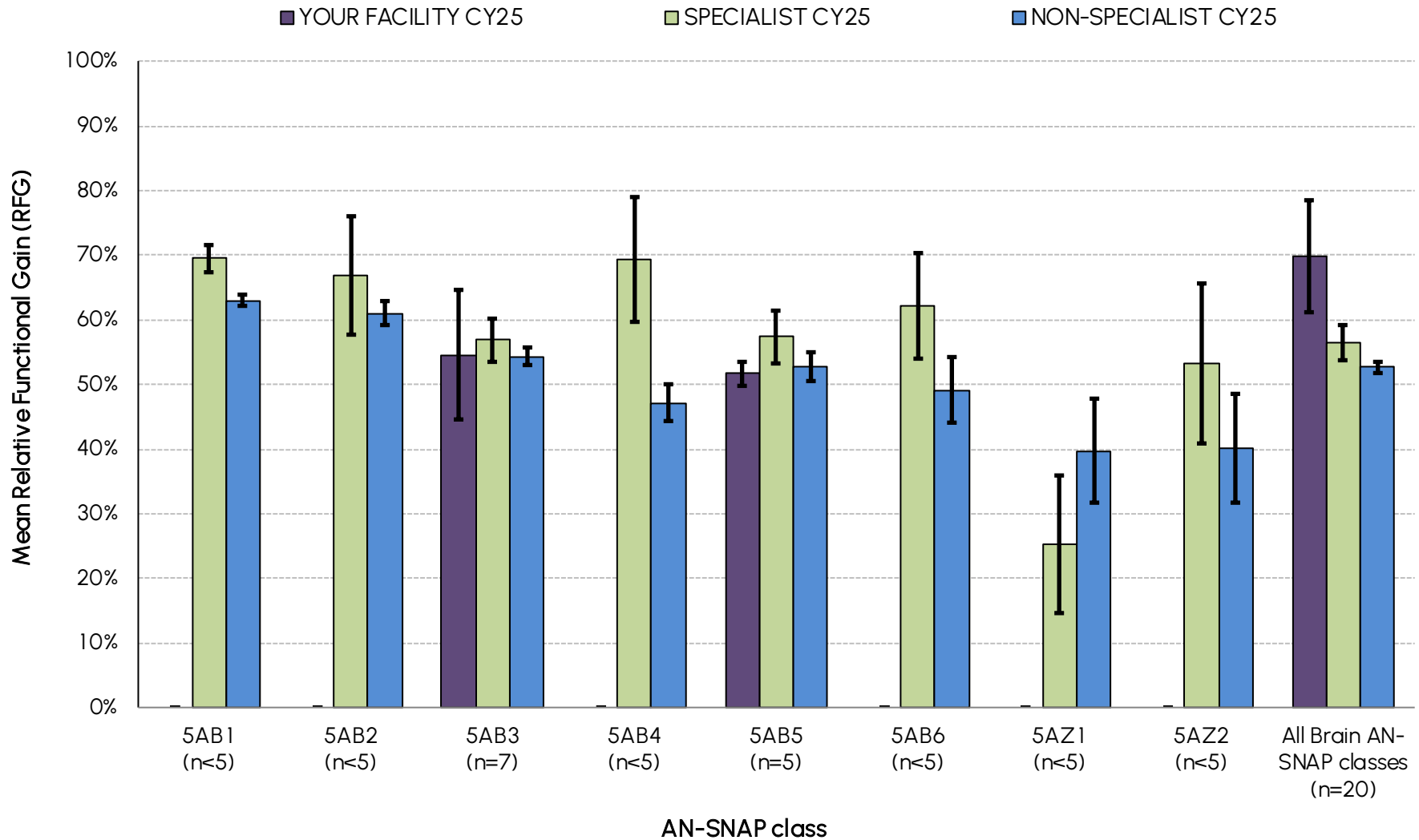
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# Traumatic brain injury mean relative functional gain by AN-SNAP class



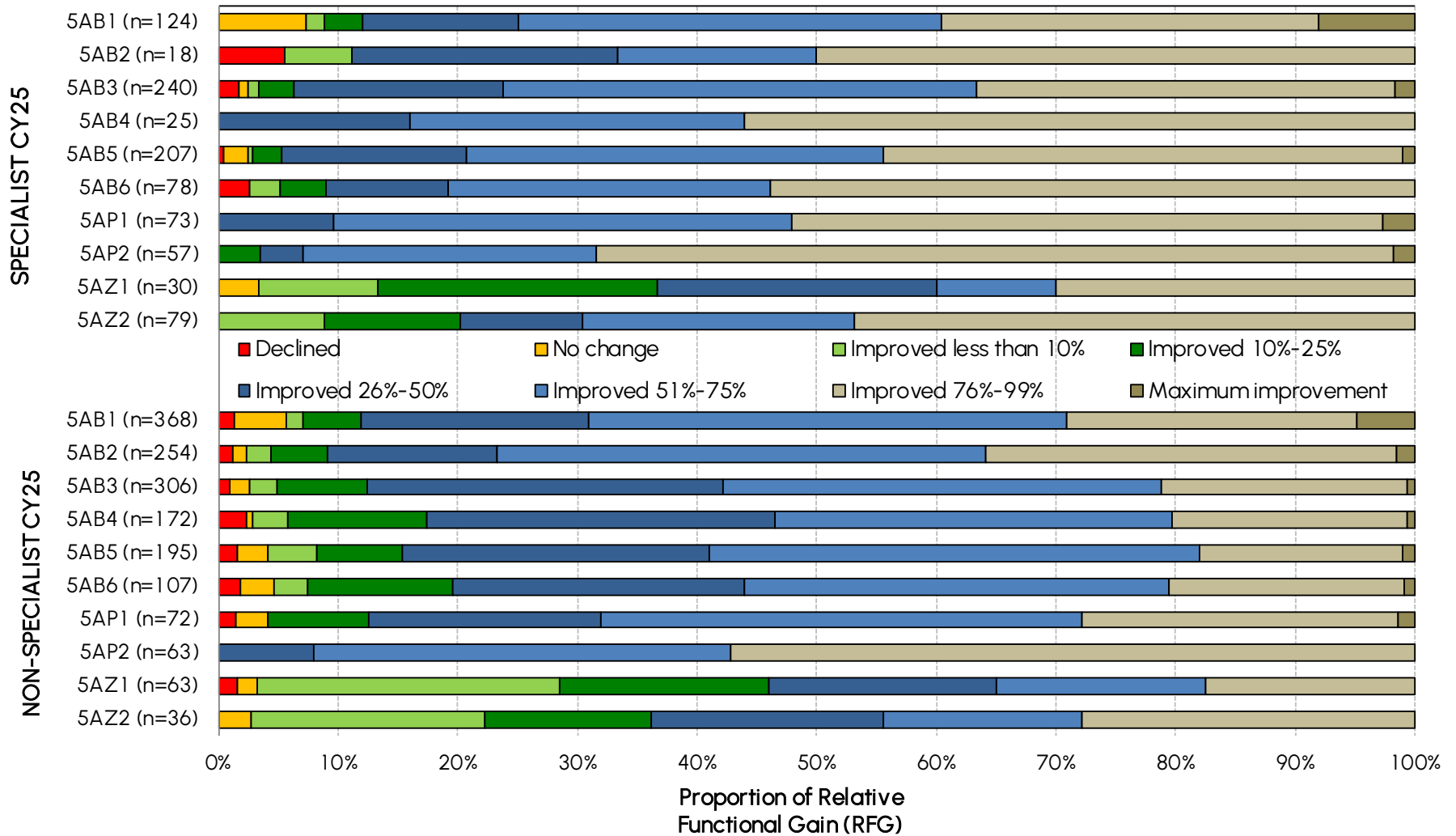
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# Non-traumatic brain injury mean relative functional gain by AN-SNAP class



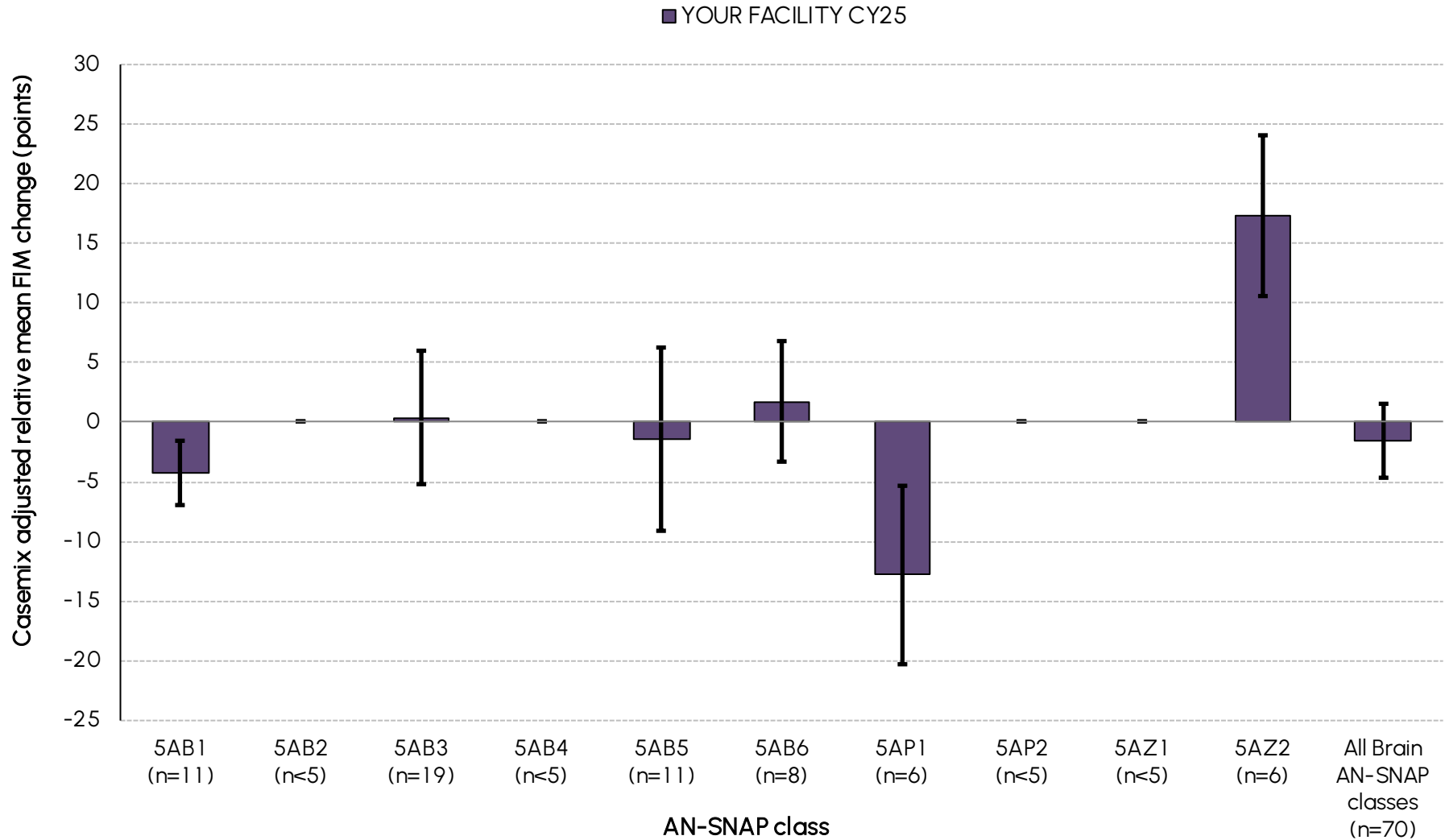
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# Relative functional gain by AN-SNAP class



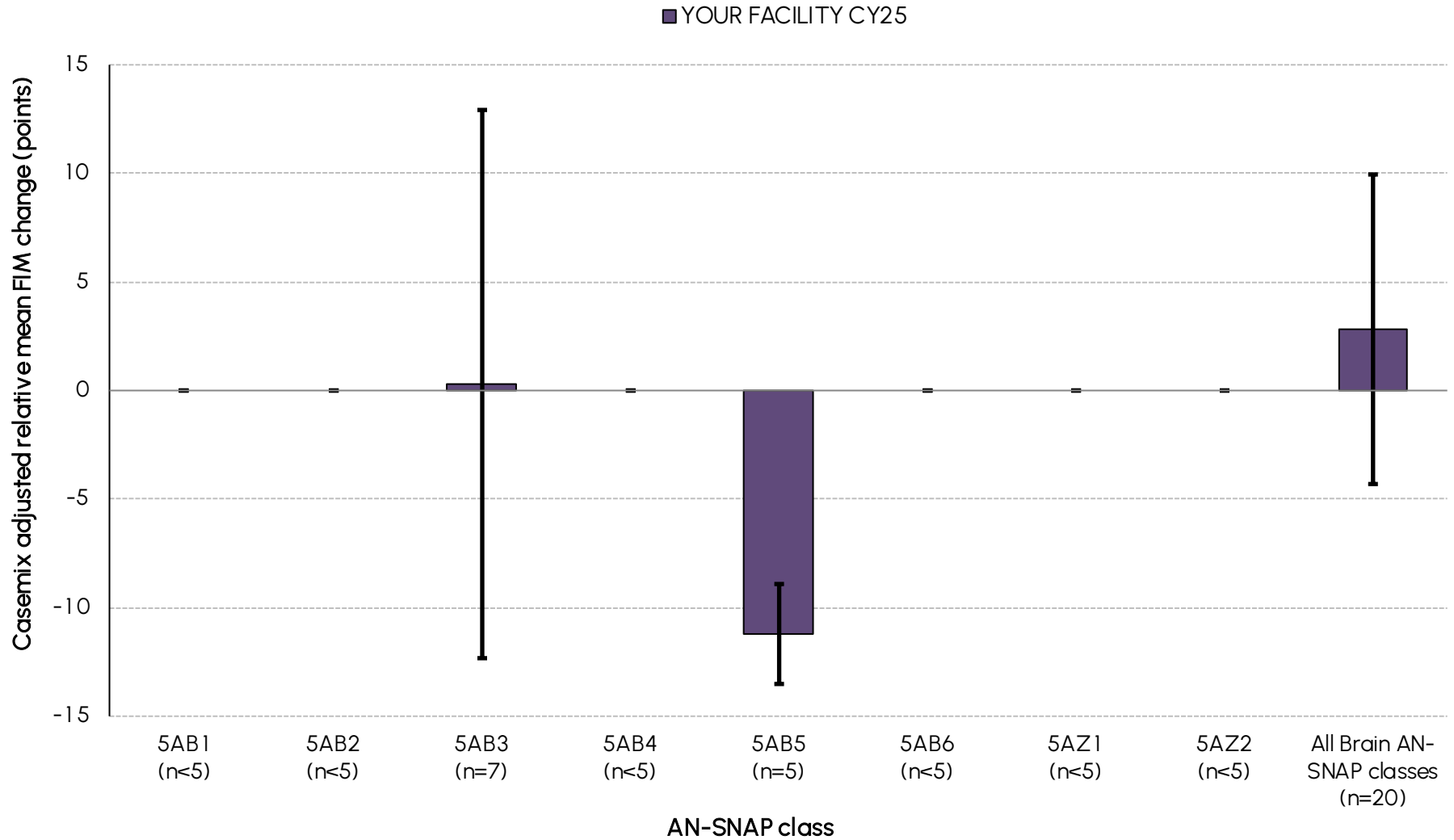
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score and a groupable AN-SNAP (not 599A). The definition of a complete episode can be found in the glossary at the end of this report.

# TBI casemix adjusted relative mean FIM change by AN-SNAP class



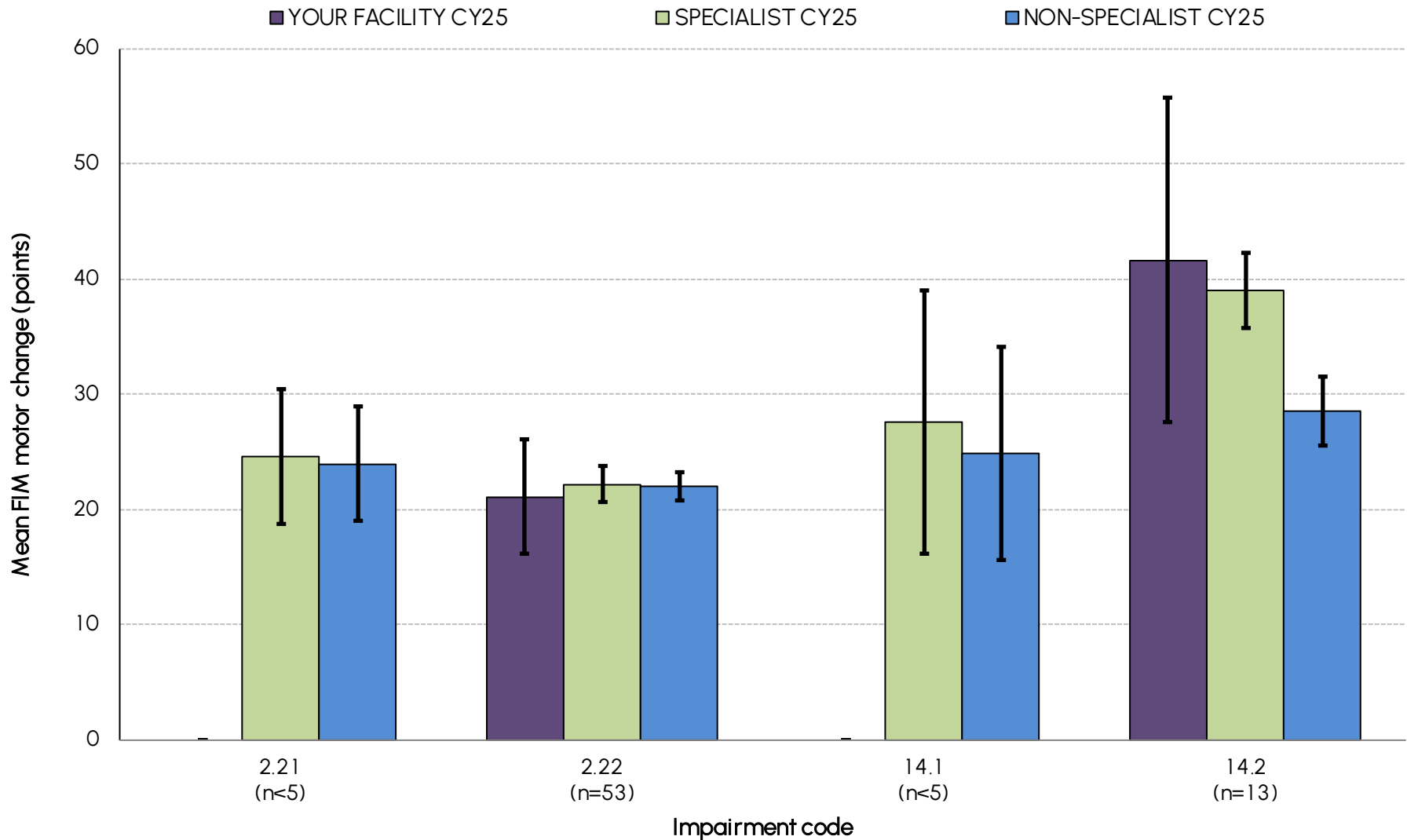
INCLUDES: complete episodes that are first direct care admissions with valid LOS ( $\leq 500$  days), valid FIM score and a groupable AN-SNAP (not 599A) with valid casemix data. The definition of a complete episode can be found in the glossary at the end of this report.

# NTBI casemix adjusted relative mean FIM change by AN-SNAP class



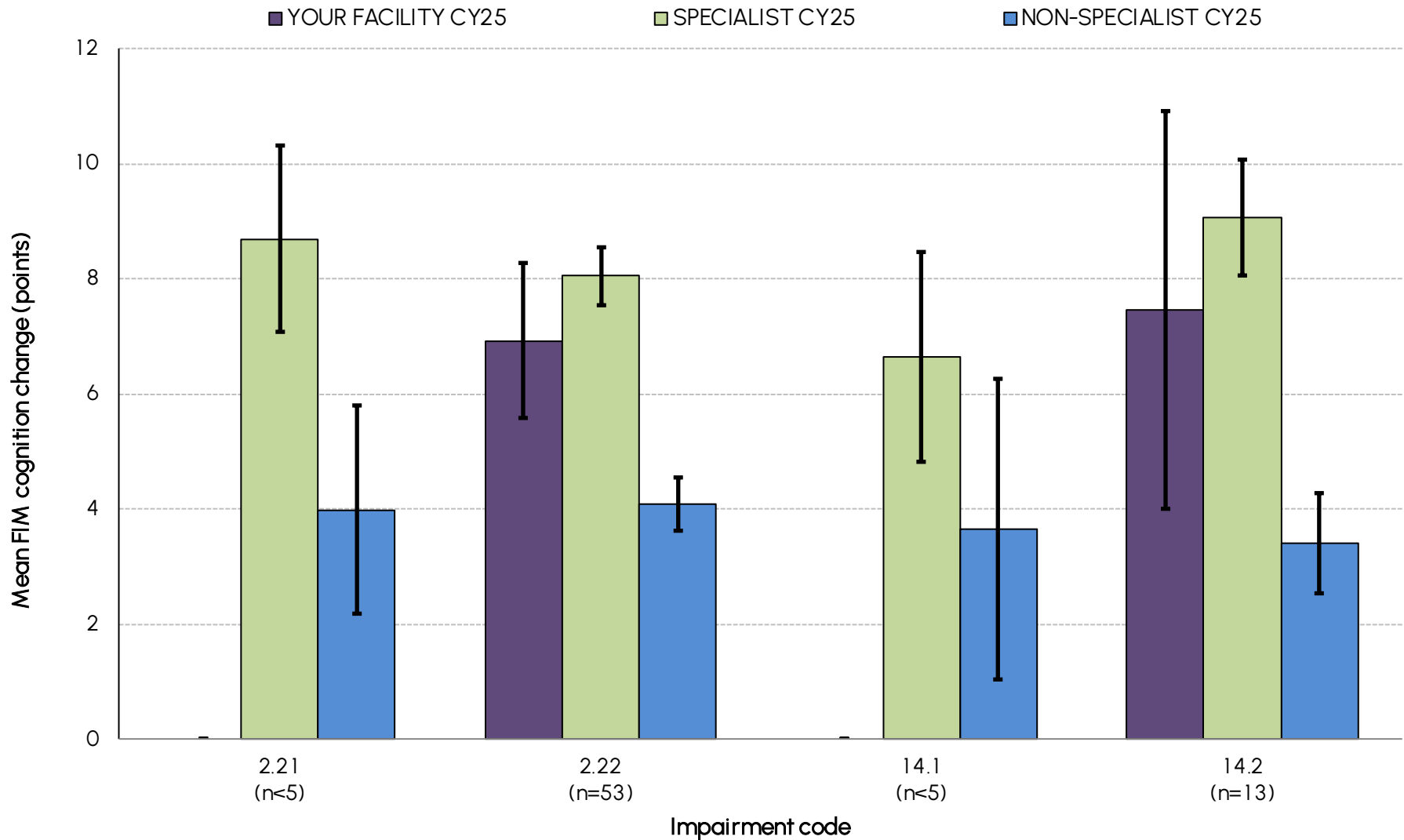
INCLUDES: complete episodes that are first direct care admissions with valid LOS ( $\leq 500$  days), valid FIM score and a groupable AN-SNAP (not 599A) with valid casemix data. The definition of a complete episode can be found in the glossary at the end of this report.

# Traumatic brain injury mean FIM motor change by impairment code



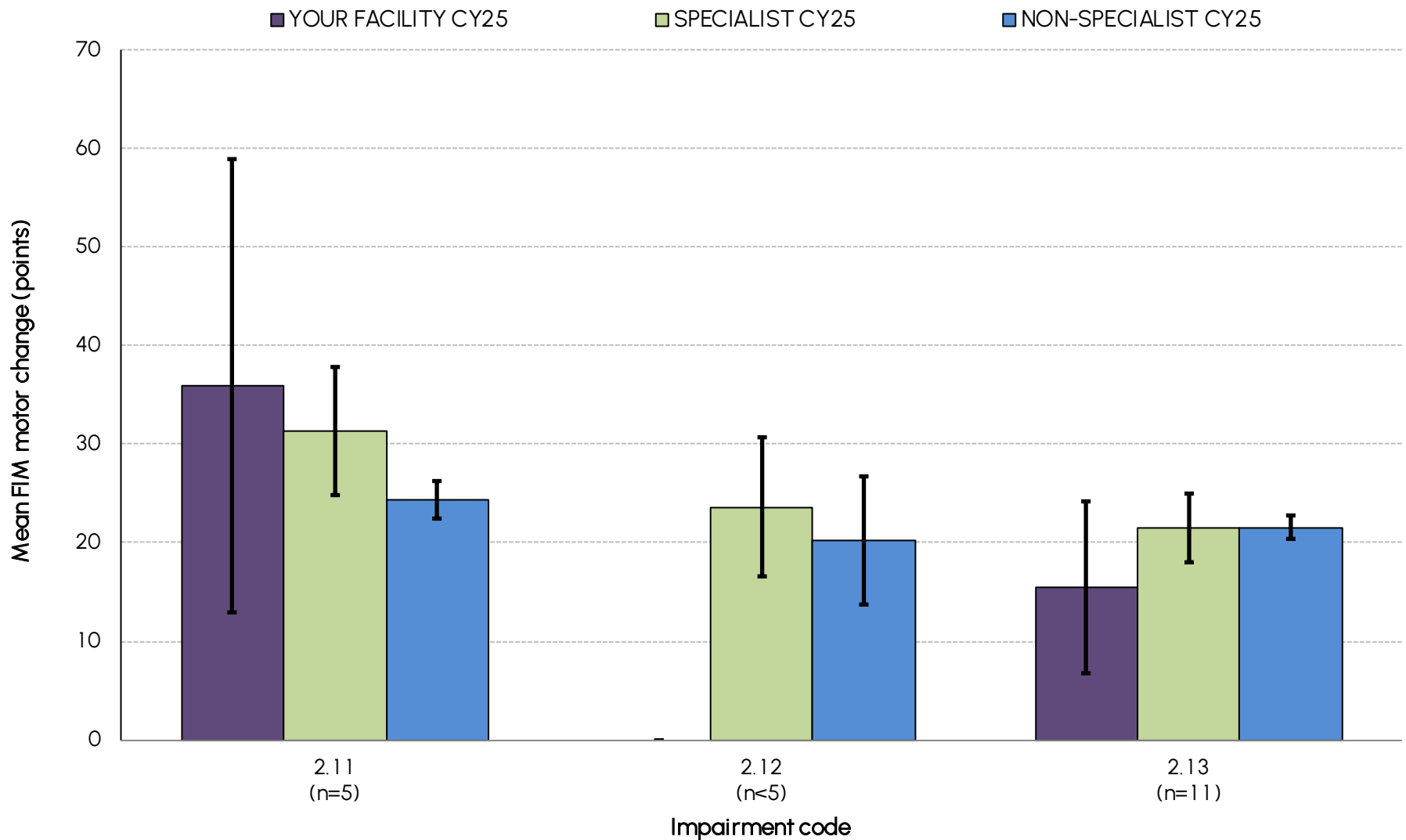
INCLUDES: complete episodes that are first direct care admissions with valid LOS. The definition of a complete episode can be found in the glossary at the end of this report.

# Traumatic brain injury mean FIM cognition change by impairment code



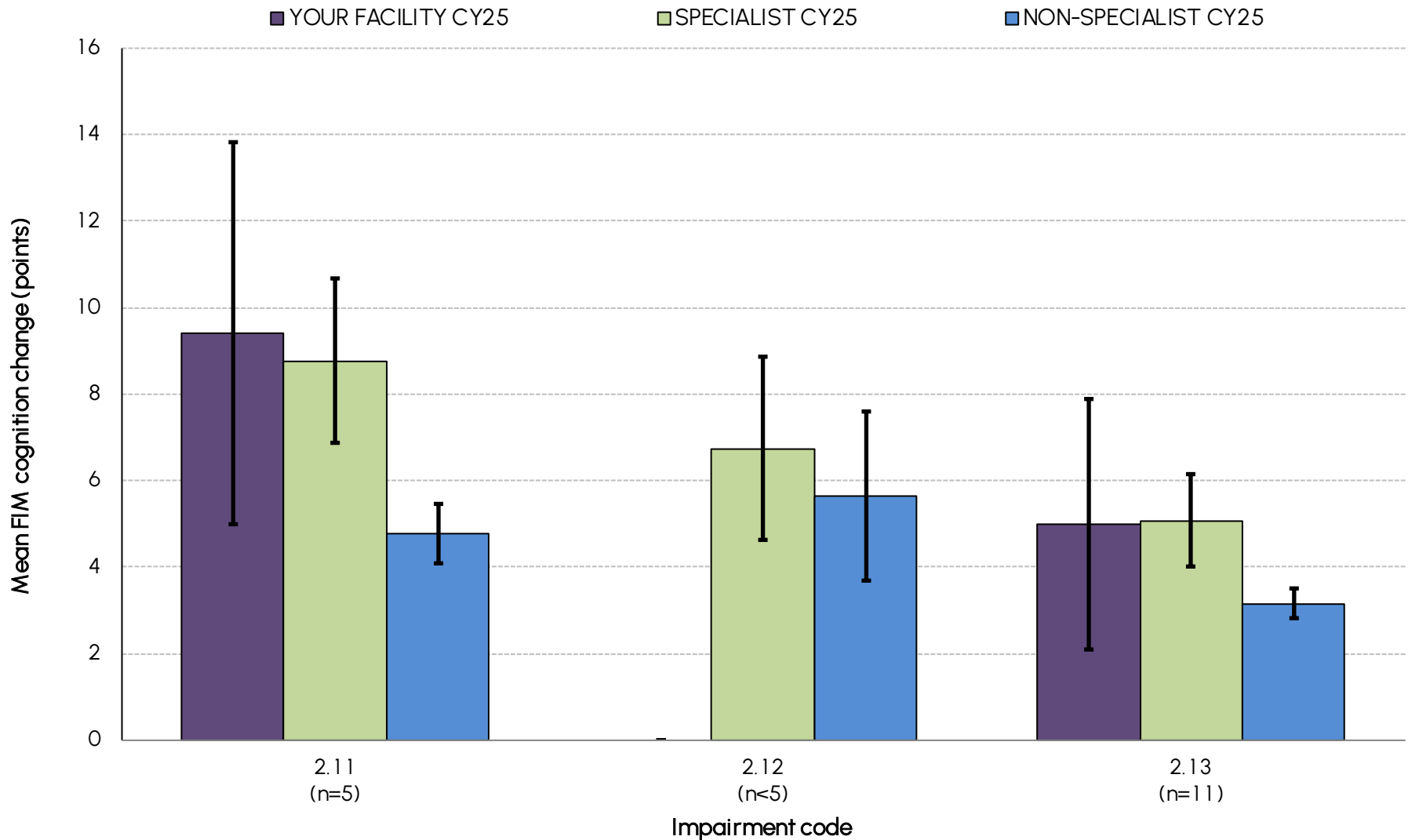
INCLUDES: complete episodes that are first direct care admissions with valid LOS. The definition of a complete episode can be found in the glossary at the end of this report.

# Non-traumatic brain injury mean FIM motor change by impairment code



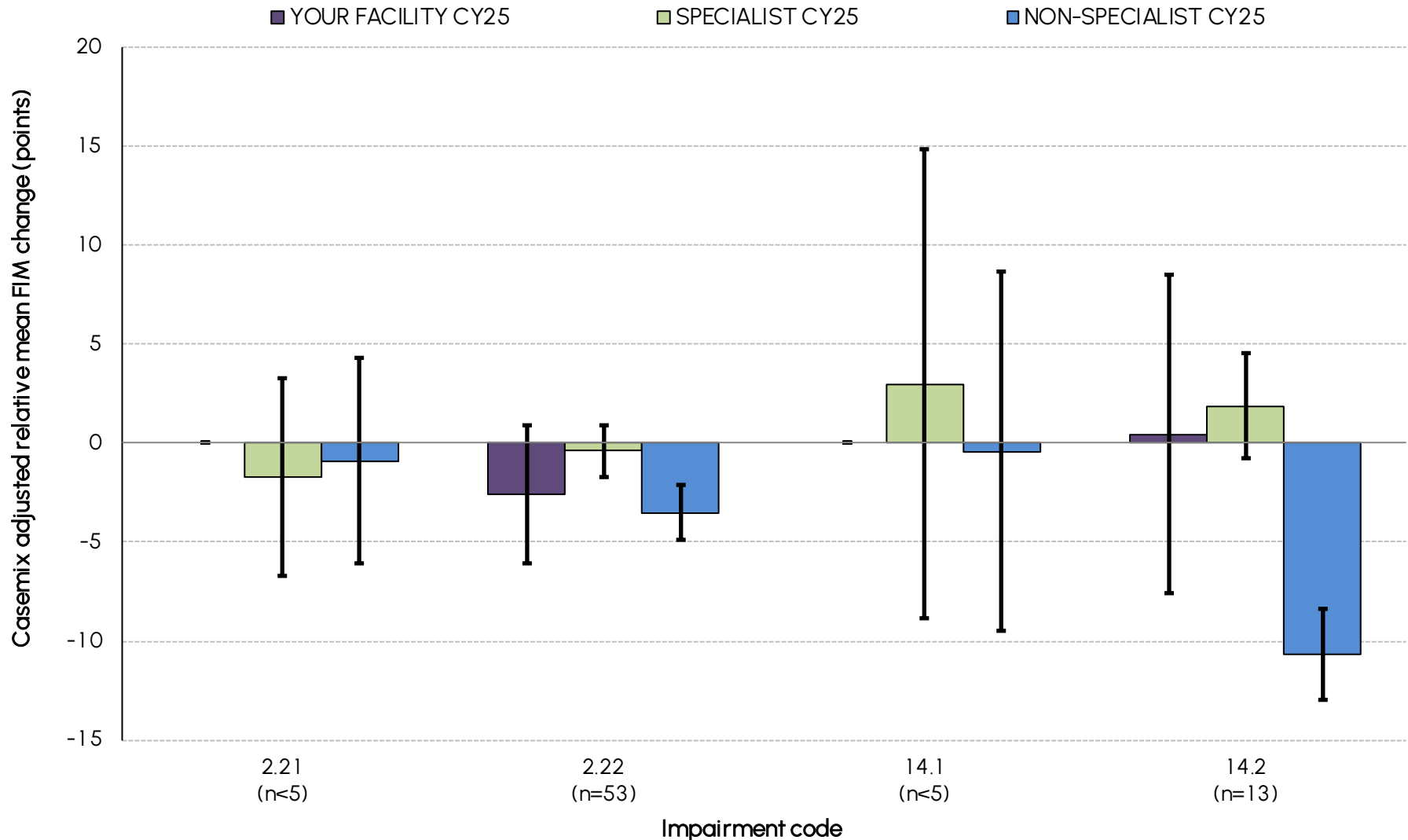
INCLUDES: complete episodes that are first direct care admissions with valid LOS. The definition of a complete episode can be found in the glossary at the end of this report.

# Non-traumatic brain injury mean FIM cognition change by impairment code



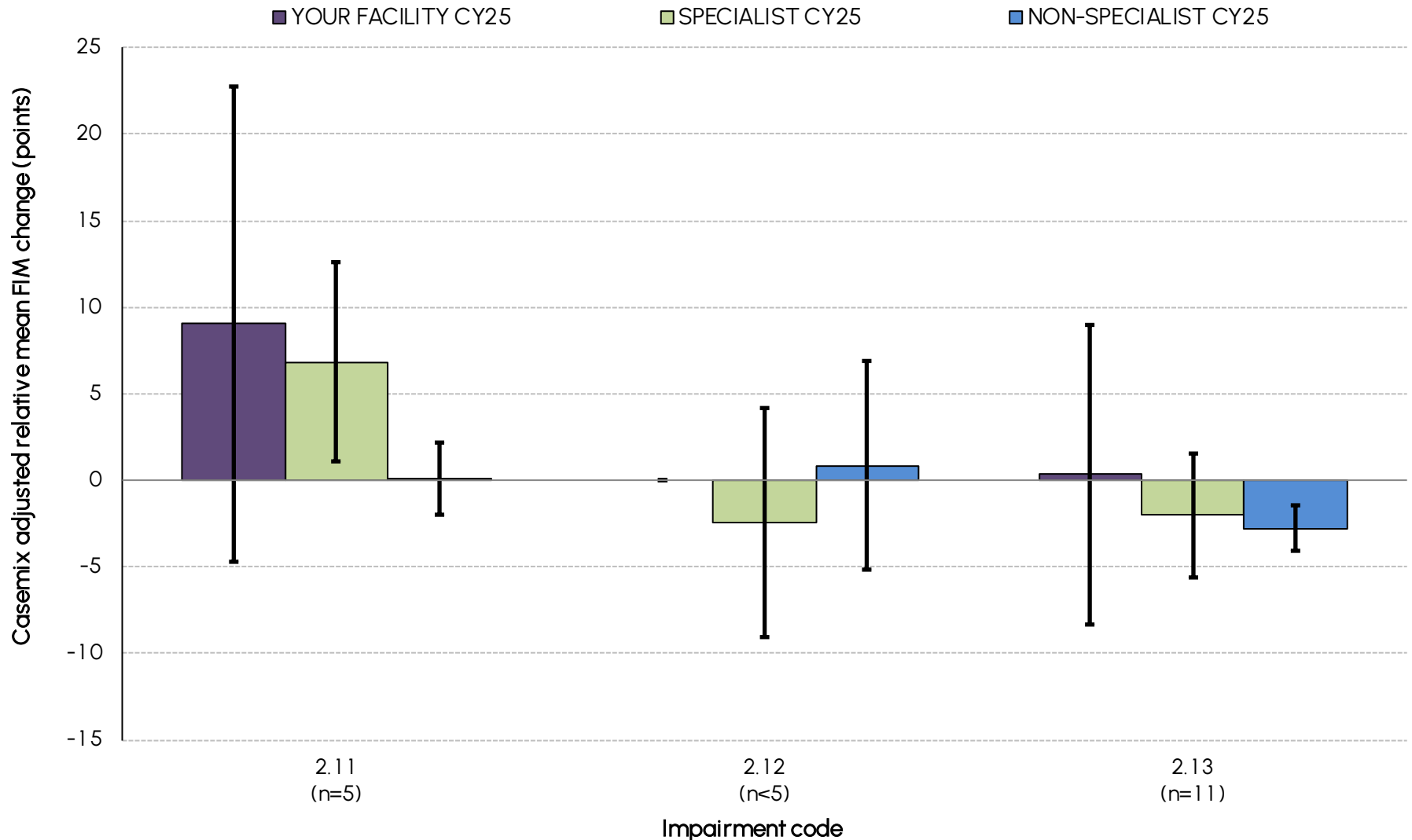
INCLUDES: complete episodes that are first direct care admissions with valid LOS. The definition of a complete episode can be found in the glossary at the end of this report.

# TBI casemix adjusted relative mean FIM change by impairment code



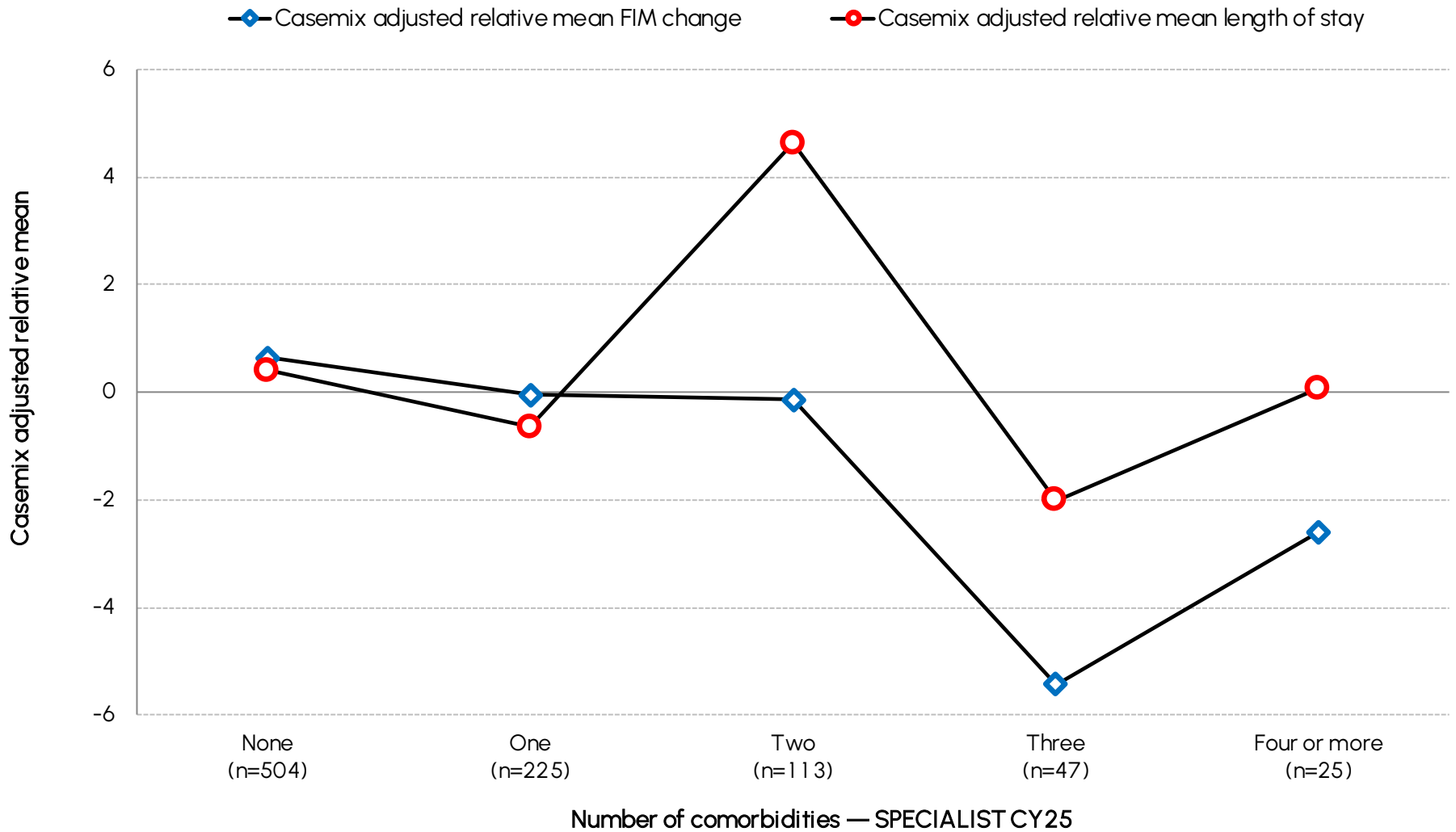
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<=500 days), valid FIM score and a groupable AN-SNAP (not 599A) with valid casemix data. The definition of a complete episode can be found in the glossary at the end of this report.

# NTBI casemix adjusted relative mean FIM change by impairment code



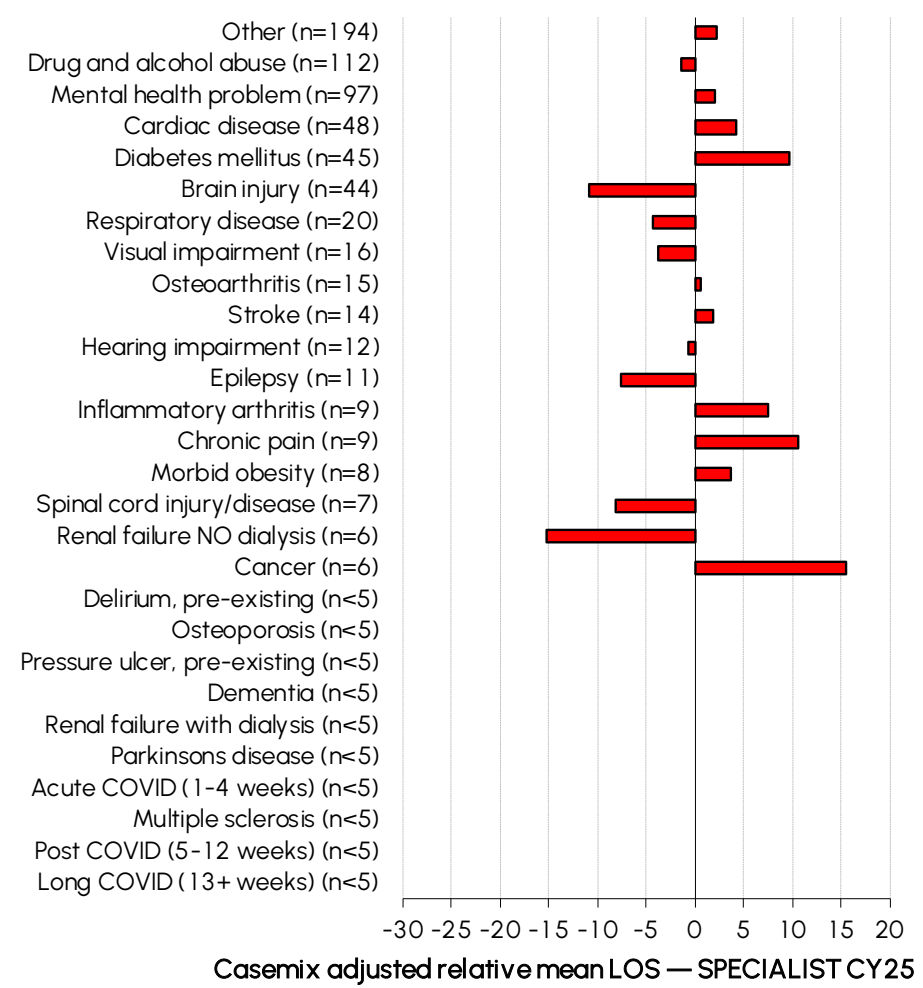
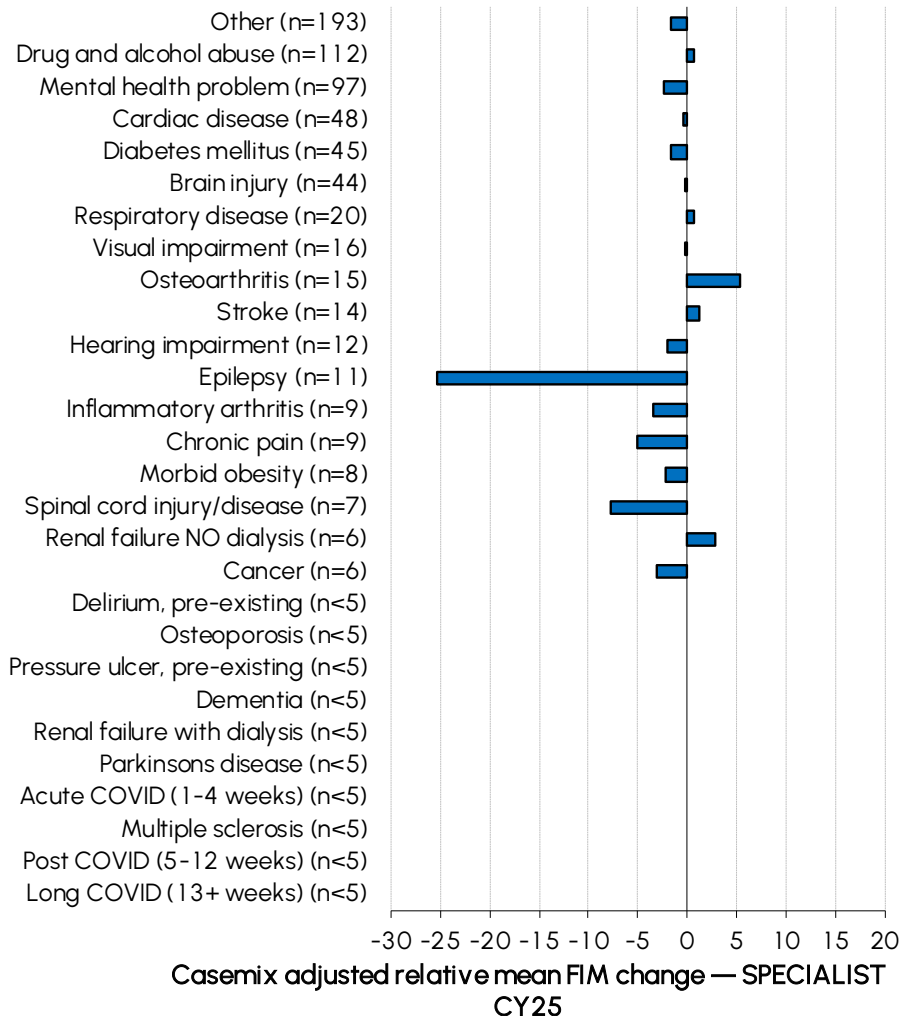
INCLUDES: complete episodes that are first direct care admissions with valid LOS ( $\leq 500$  days), valid FIM score and a groupable AN-SNAP (not 599A) with valid casemix data. The definition of a complete episode can be found in the glossary at the end of this report.

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



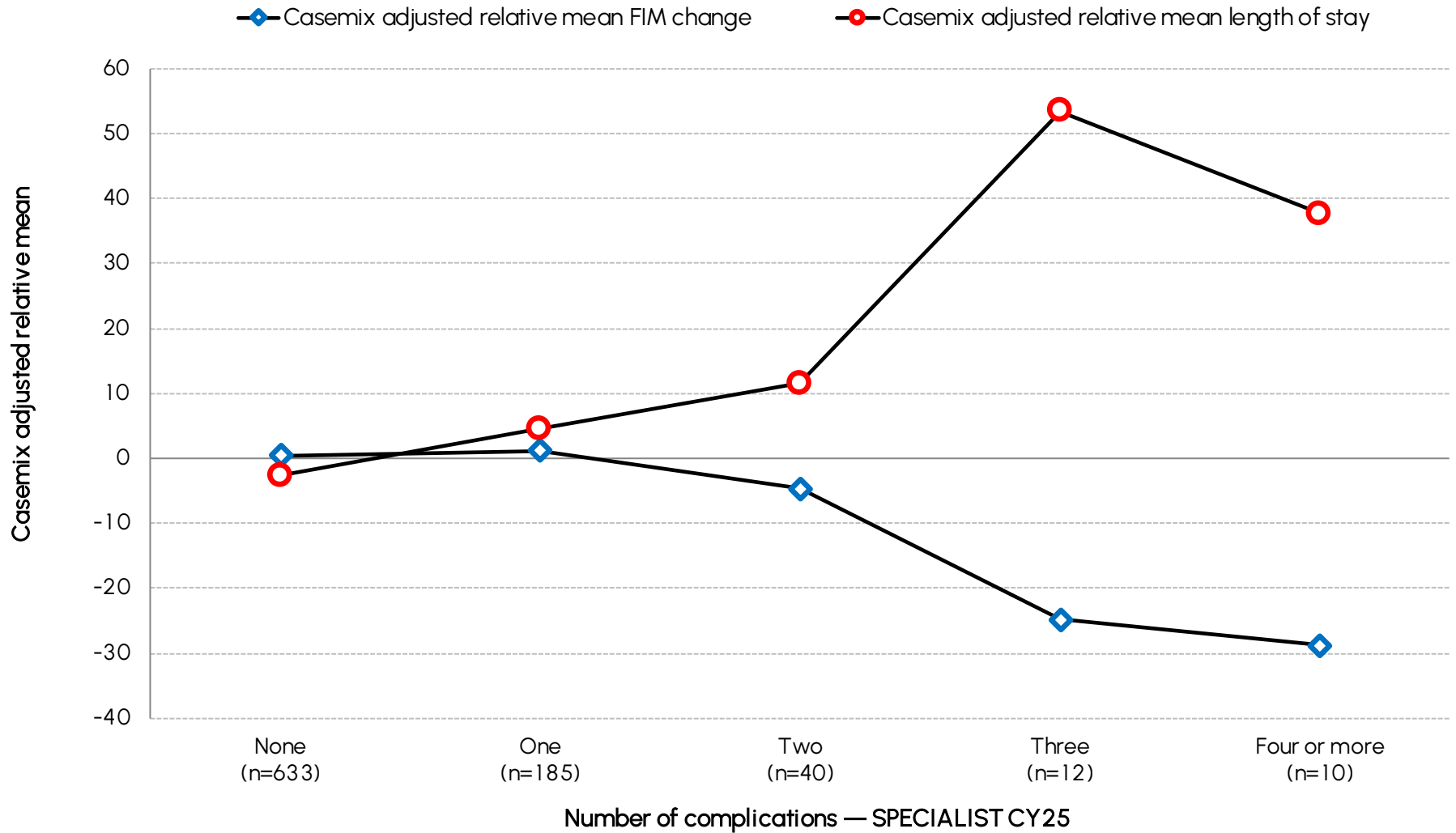
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score, a groupable AN-SNAP class (not 599A) with valid casemix data and reported comorbidities. The definition of a complete episode can be found in the glossary at the end of this report.  
 DATA SUPPRESSION: when <5 episodes data is suppressed

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



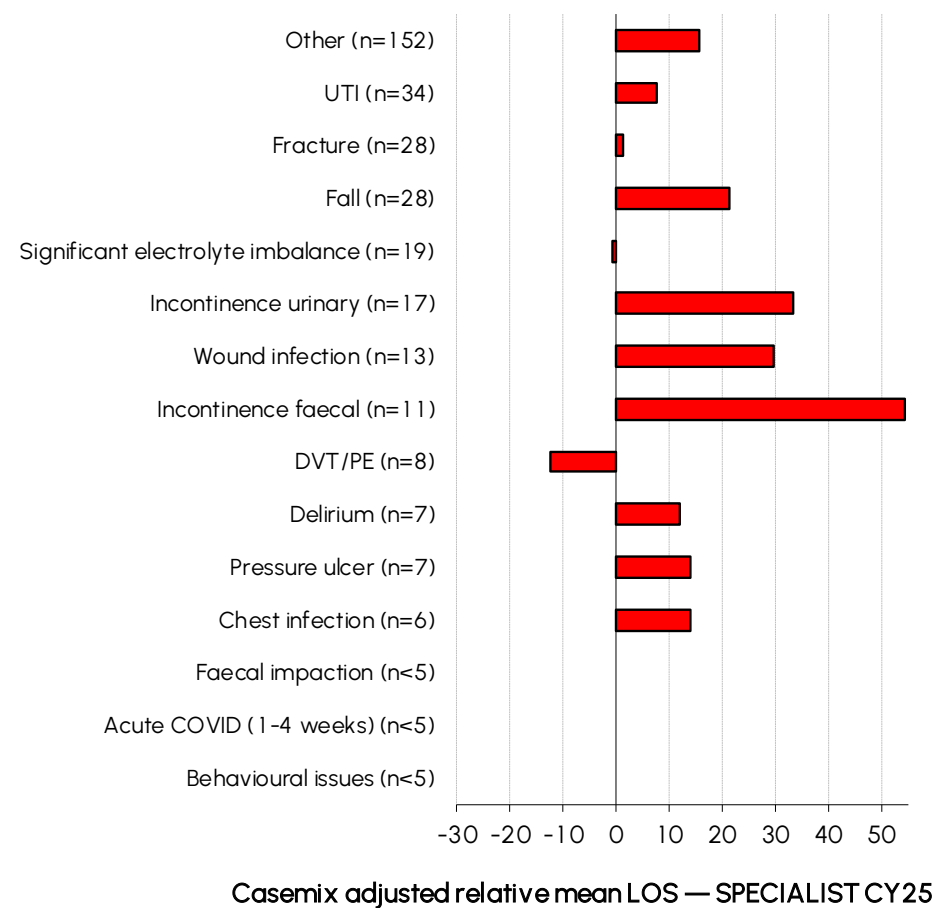
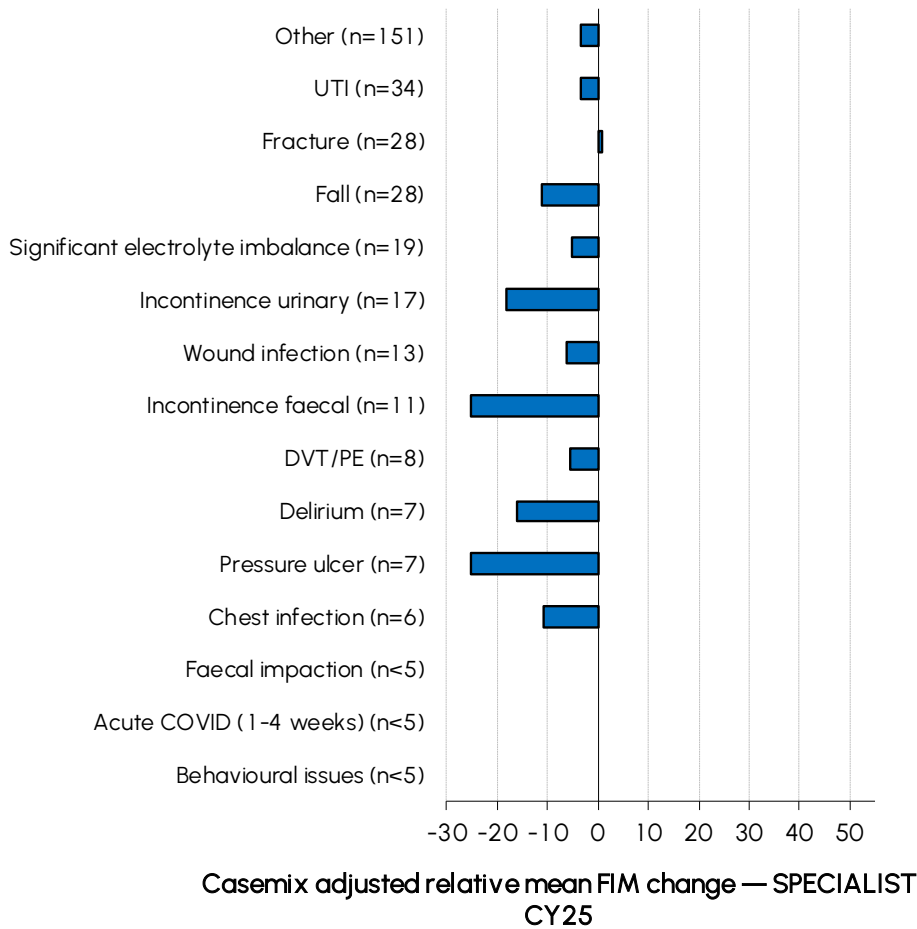
INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score, a groupable AN-SNAP class (not 599A) with valid casemix data and reported comorbidities. The definition of a complete episode can be found in the glossary at the end of this report.  
 DATA SUPPRESSION: when <5 episodes data is suppressed

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



INCLUDES: complete episodes that are first direct care admissions with valid LOS (<500 days), valid FIM score, a groupable AN-SNAP class (not 599A) with valid casemix data and reported complications. The definition of a complete episode can be found in the glossary at the end of this report.  
 DATA SUPPRESSION: when <5 episodes data is suppressed

# 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, a groupable AN-SNAP class (not 599A) with valid casemix data and reported complications. The definition of a complete episode can be found in the glossary at the end of this report.  
 DATA SUPPRESSION: when <5 episodes data is suppressed



# Explanatory data

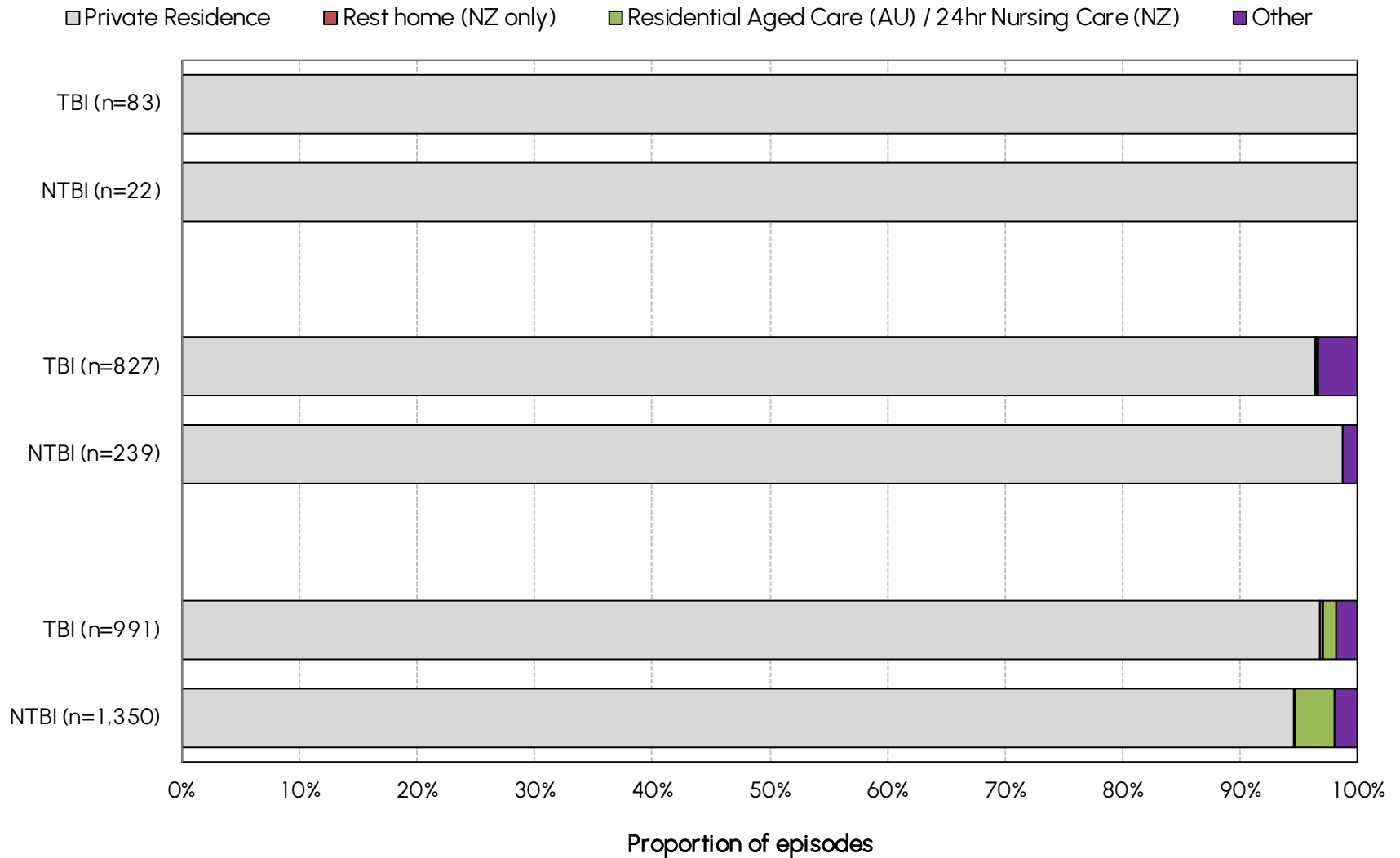


# Type of accommodation prior to impairment

YOUR FACILITY CY25

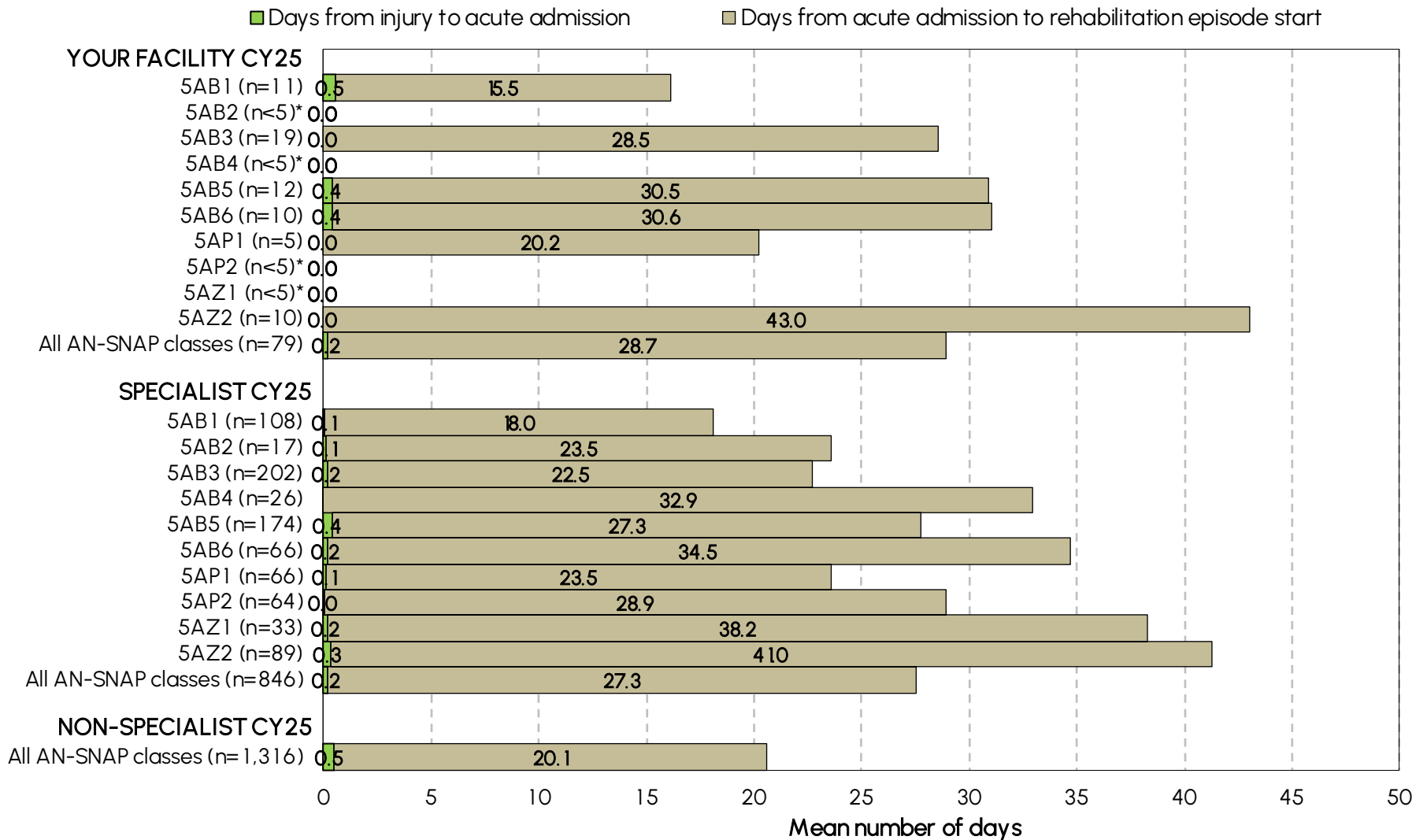
SPECIALIST CY25

NON-SPECIALIST CY25



MISSING DATA: 14 episodes at YOUR FACILITY, 150 episodes at SPECIALIST facilities and 33 episodes at NON SPECIALIST facilities did not record a valid accommodation prior

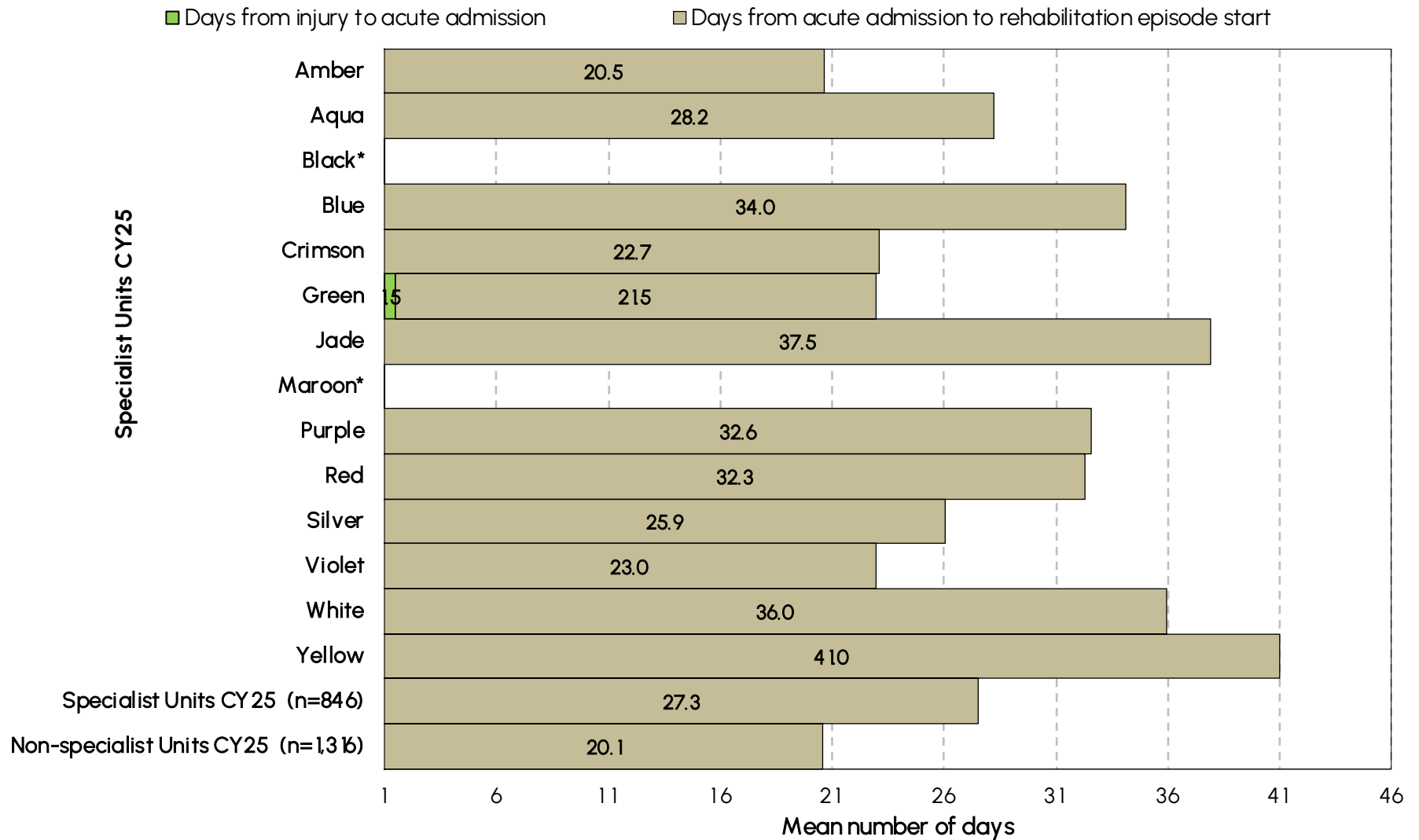
# Days from injury to episode start with an acute admission by AN-SNAP class



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)

\* No data provided when less than 5 episodes have dates

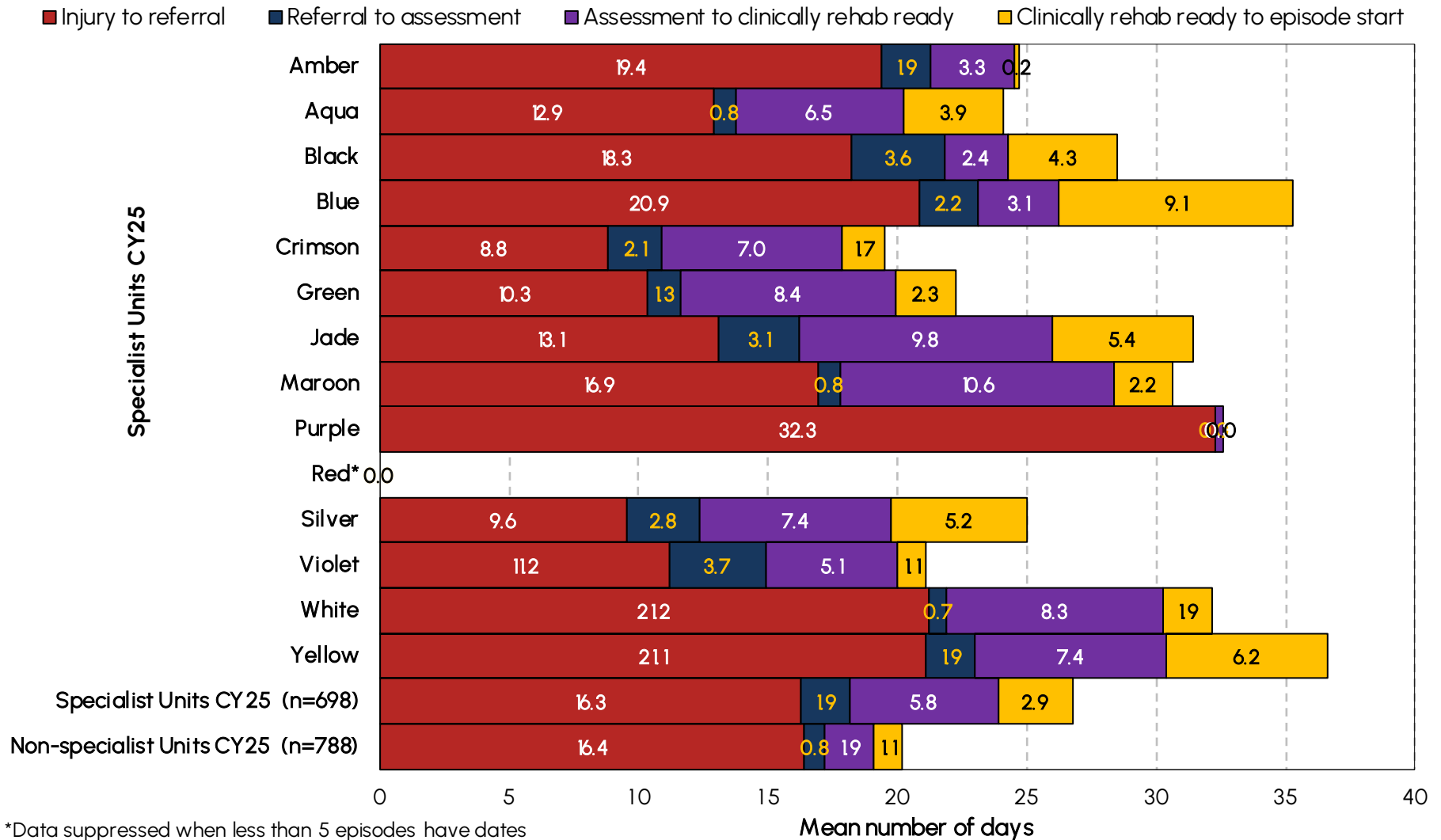
# Days from injury to episode start with an acute admission by specialist facility



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

\* No data provided when less than 5 episodes have dates

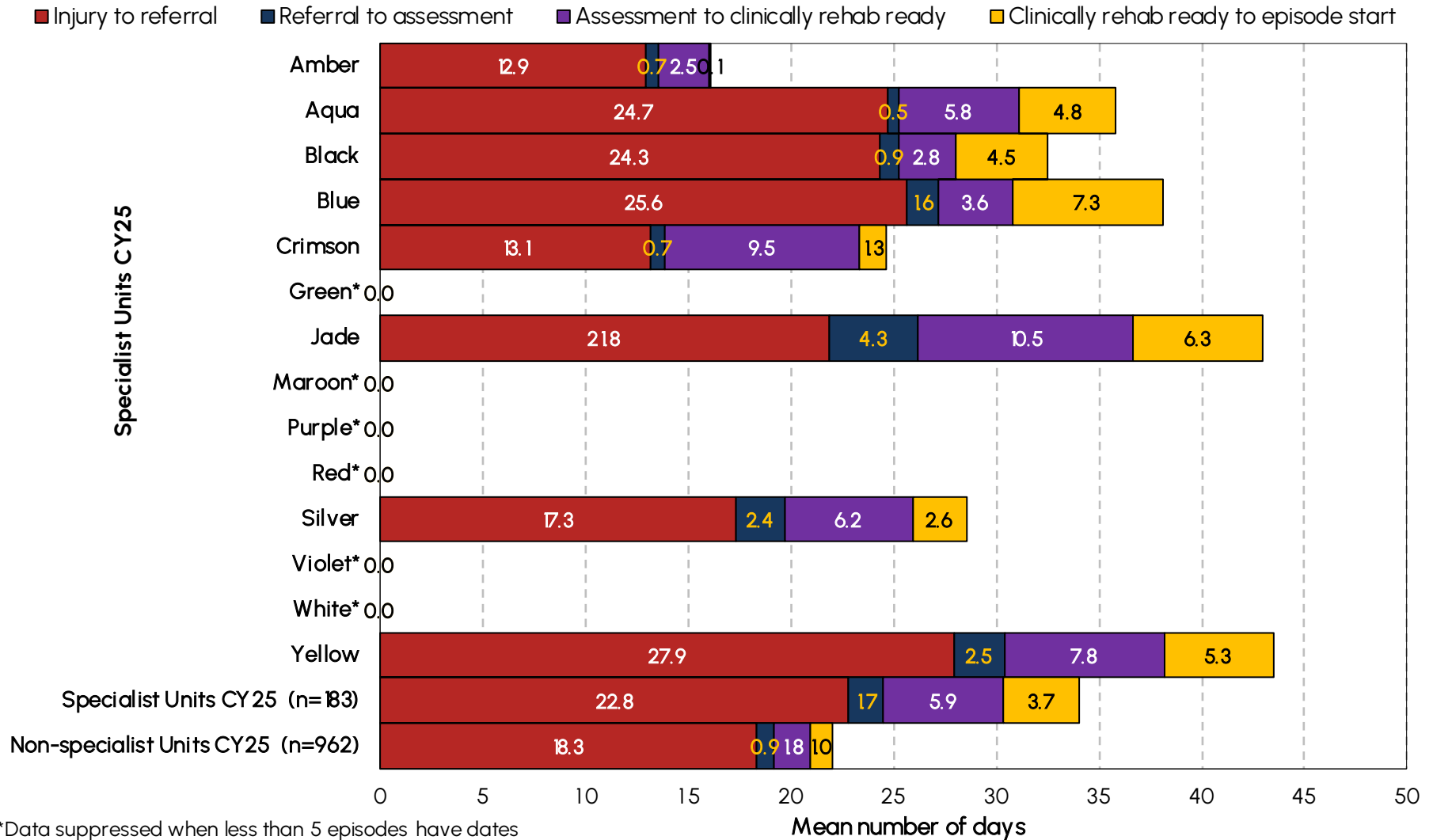
# Days from brain injury to episode start by specialist facility - TBI



\*Data suppressed when less than 5 episodes have dates

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

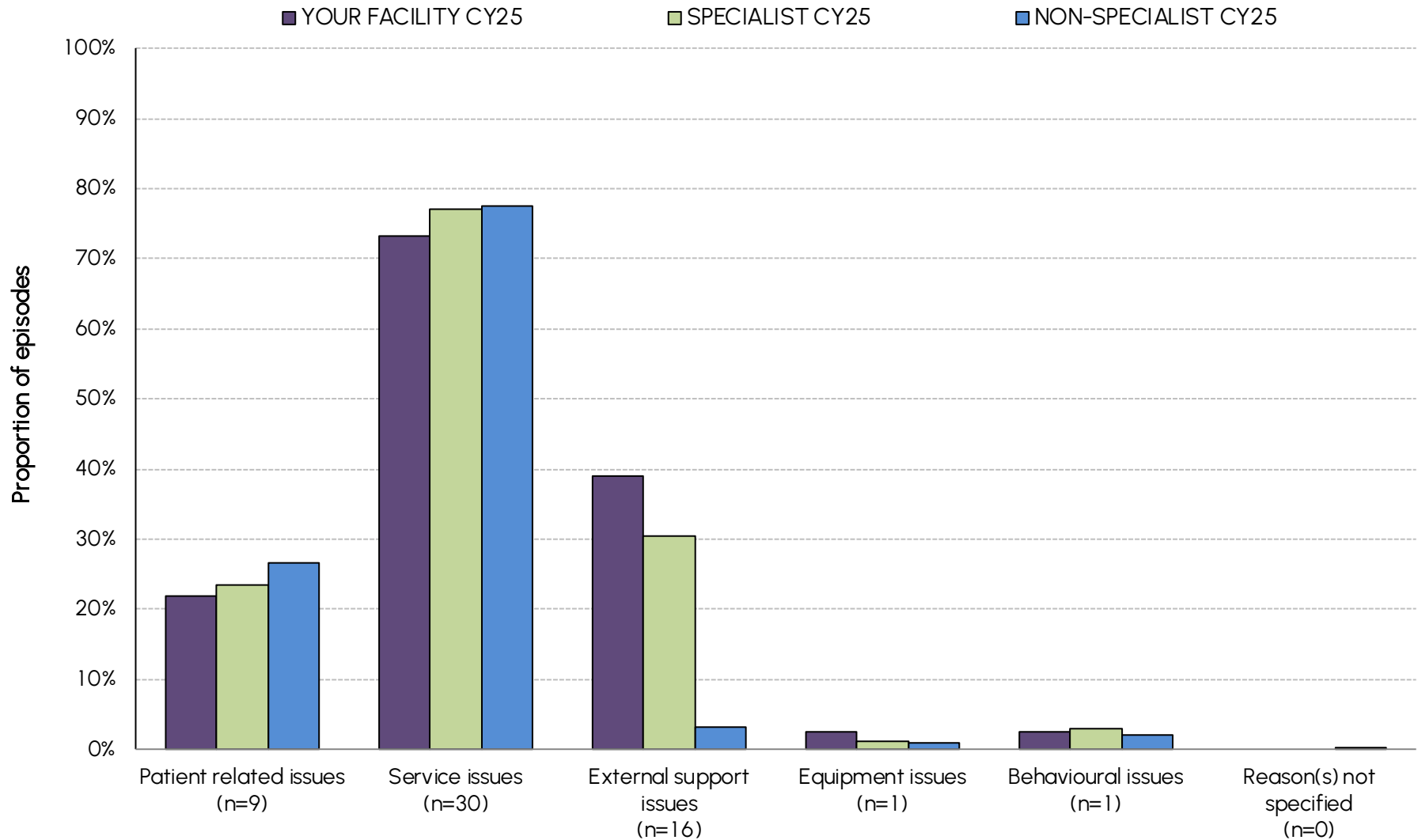
# Days from brain injury to episode start by specialist facility - NTBI



\*Data suppressed when less than 5 episodes have dates

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

# Reason for delay in brain injury episode start



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

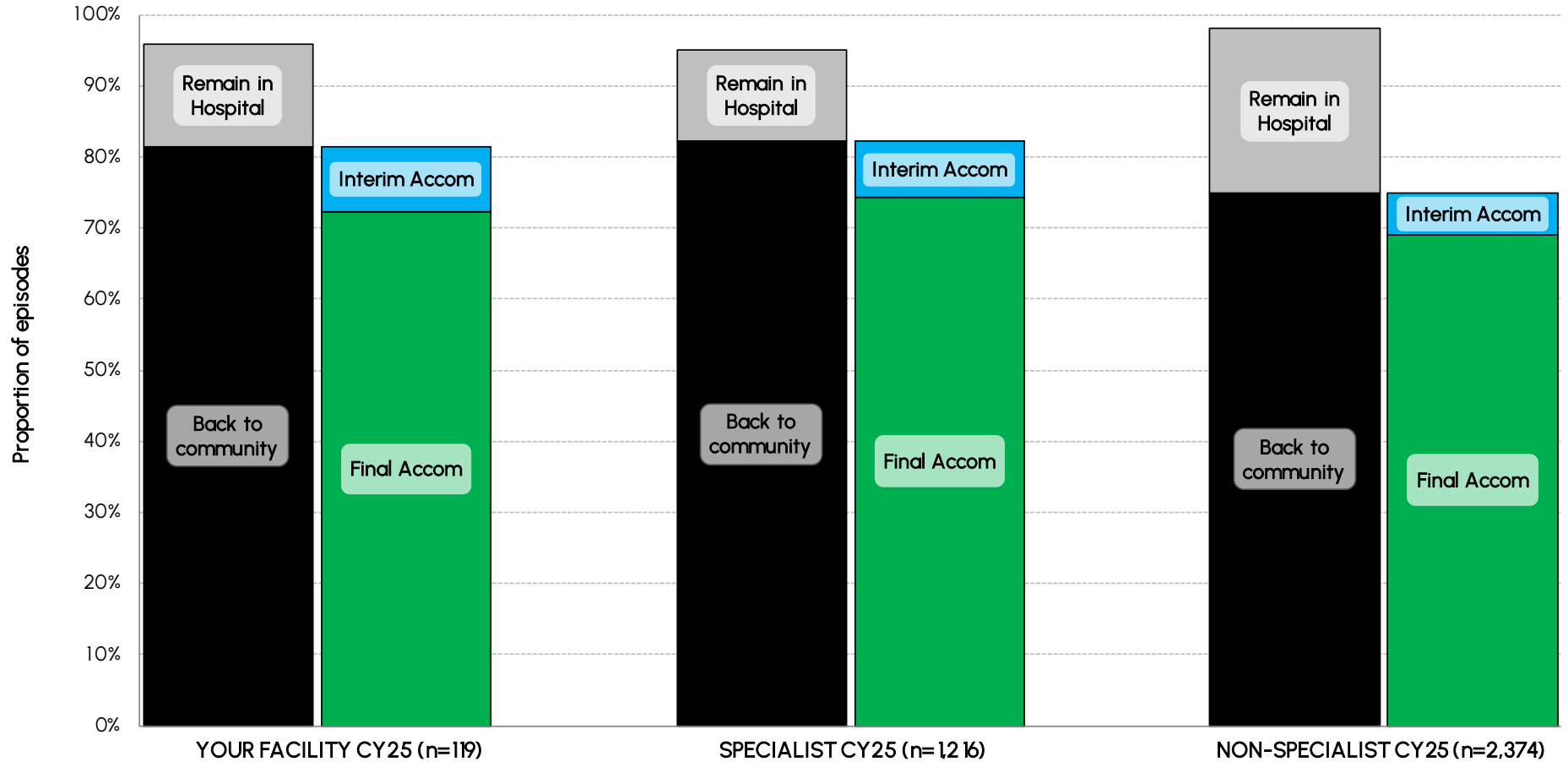
# Summary of delays in brain injury episode start

Delay in episode start	YOUR FACILITY CY25		SPECIALIST CY25		NON-SPECIALIST CY25	
	N	%	N	%	N	%
No delay	64	61.0	652	61.1	1,800	78.8
Delay in episode start	41	39.0	415	38.9	485	21.2
Missing	14		149		89	
<b>All episodes</b>	<b>119</b>	<b>100.0</b>	<b>1,216</b>	<b>100.0</b>	<b>2,374</b>	<b>100.0</b>

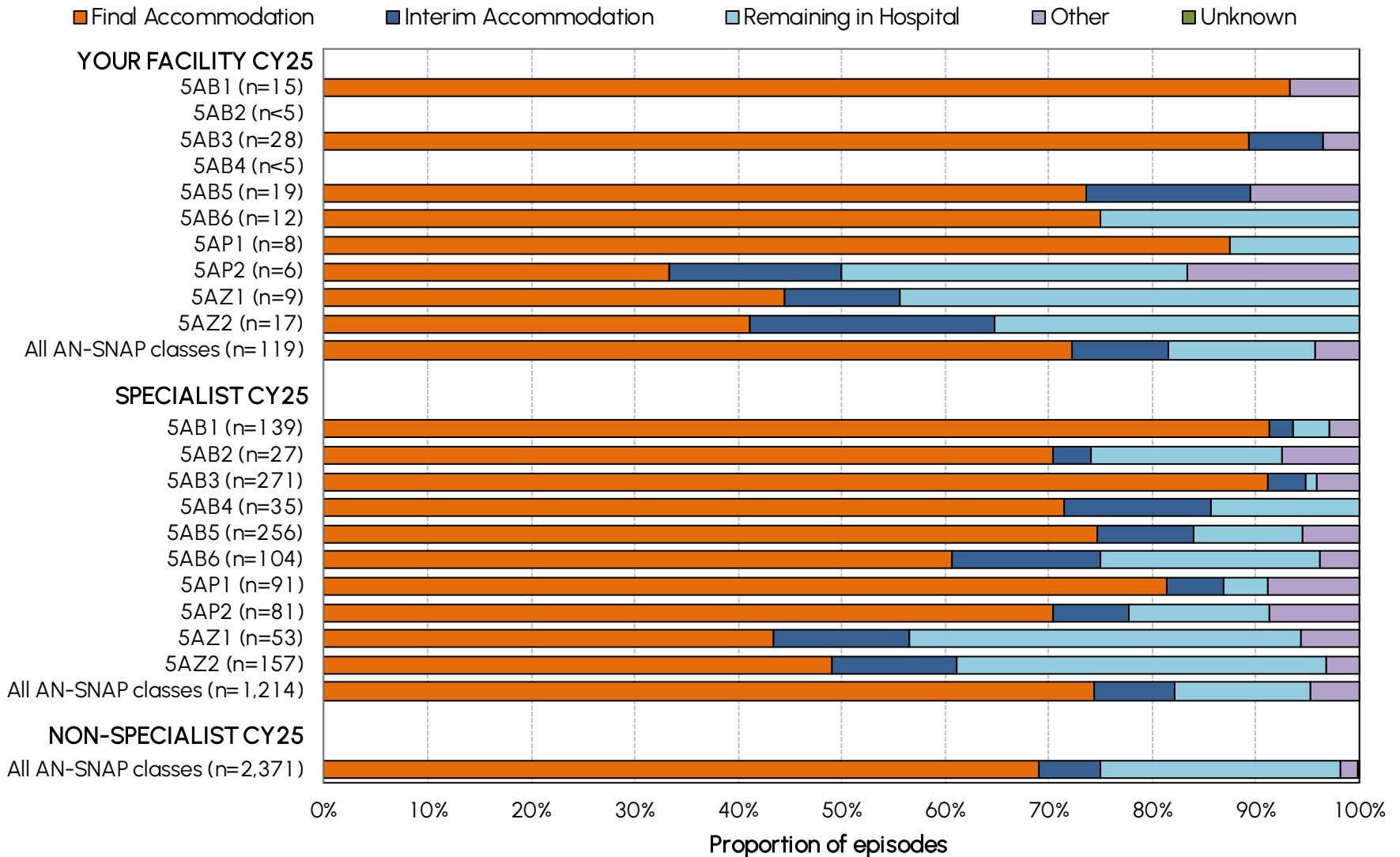
Reason for delay in episode start	YOUR FACILITY CY25		SPECIALIST CY25		NON-SPECIALIST CY25	
	N	%	N	%	N	%
Patient related issues	9	22.0	97	23.4	129	26.6
Service issues	30	73.2	320	77.1	376	77.5
External support issues	16	39.0	126	30.4	16	3.3
Equipment issues	1	2.4	5	1.2	5	1.0
Behavioural issues	1	2.4	12	2.9	10	2.1
Reason(s) not specified	0	0.0	0	0.0	(n<5)	(n<5)

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



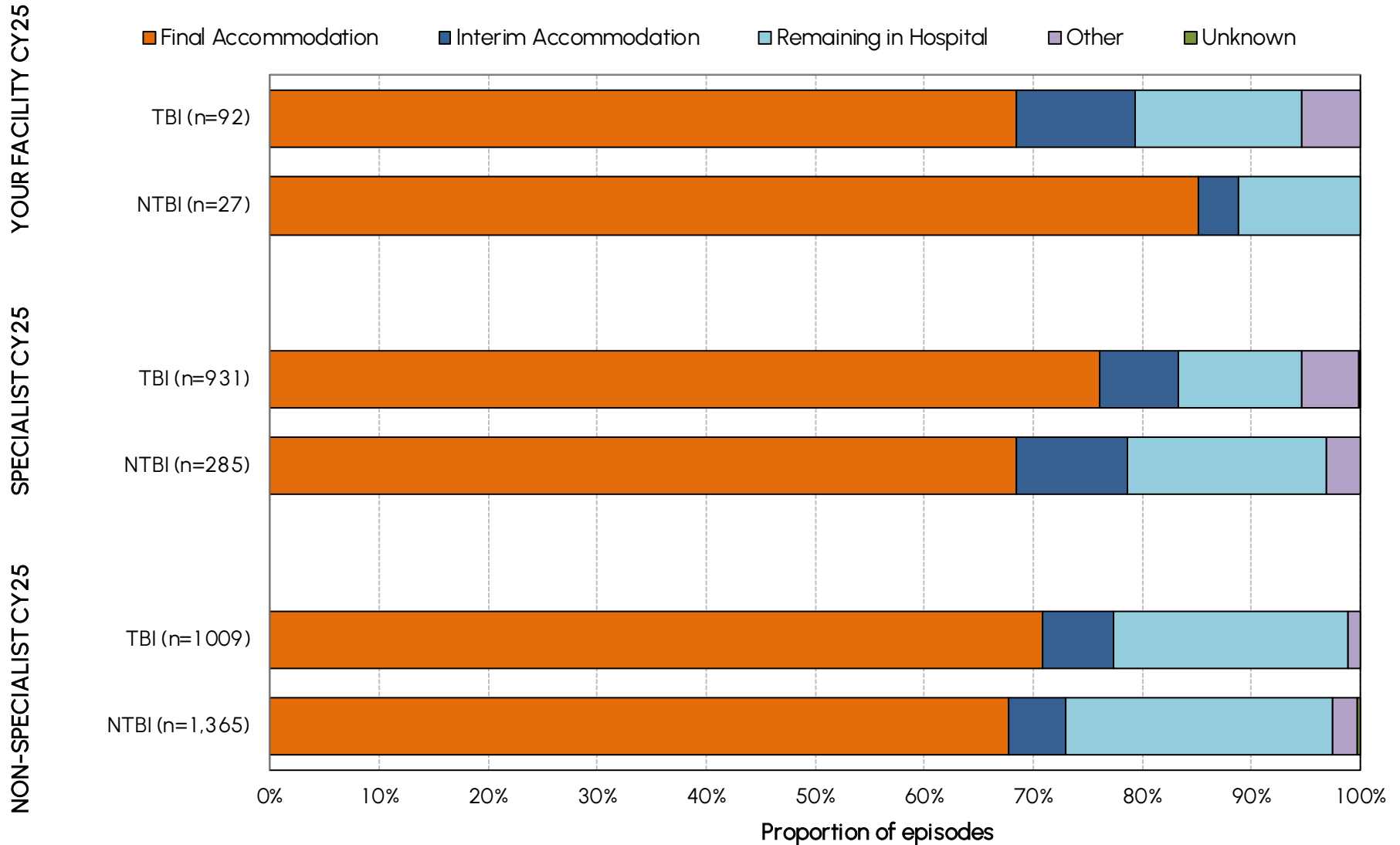
INCLUDES: episodes with a groupable AN-SNAP class (not 599A).

# Mode of episode end by AN-SNAP class

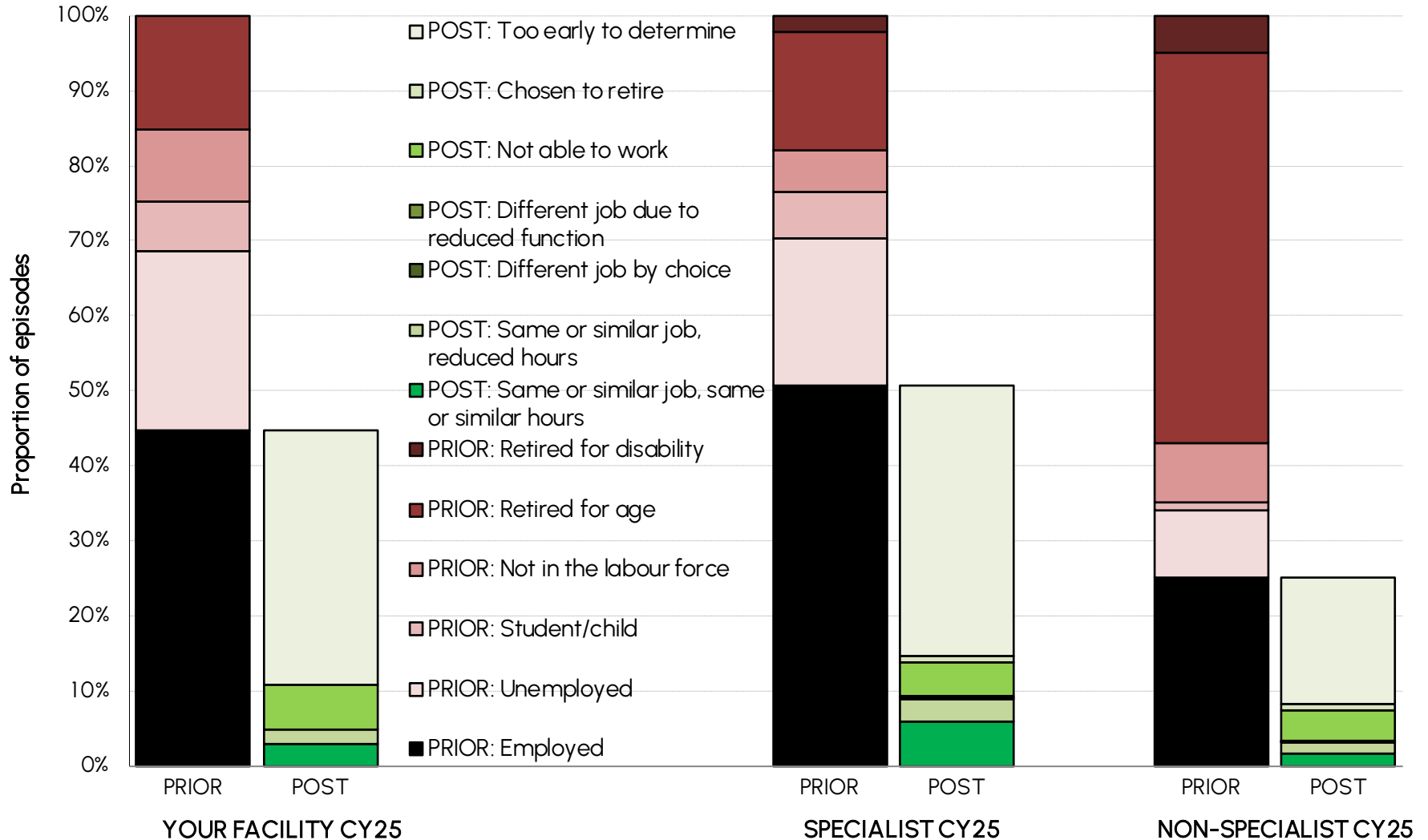
		Final Accom	Interim Accom	Remaining in Hospital	Other	Unknown	Final Accom	Interim Accom	Remaining in Hospital	Other	Unknown
AN-SNAP class		N					%				
<b>YOUR FACILITY CY25</b>	5AB1	14	0	0	1	0	93.3	0.0	0.0	6.7	0.0
	5AB2	2	0	0	0	0	100.0	0.0	0.0	0.0	0.0
	5AB3	25	2	0	1	0	89.3	7.1	0.0	3.6	0.0
	5AB4	2	0	1	0	0	66.7	0.0	33.3	0.0	0.0
	5AB5	14	3	0	2	0	73.7	15.8	0.0	10.5	0.0
	5AB6	9	0	3	0	0	75.0	0.0	25.0	0.0	0.0
	5AP1	7	0	1	0	0	87.5	0.0	12.5	0.0	0.0
	5AP2	2	1	2	1	0	33.3	16.7	33.3	16.7	0.0
	5AZ1	4	1	4	0	0	44.4	11.1	44.4	0.0	0.0
	5AZ2	7	4	6	0	0	41.2	23.5	35.3	0.0	0.0
	599A	0	0	0	0	0	—	—	—	—	—
<b>All AN-SNAP classes</b>		<b>86</b>	<b>11</b>	<b>17</b>	<b>5</b>	<b>0</b>	<b>72.3</b>	<b>9.2</b>	<b>14.3</b>	<b>4.2</b>	<b>0.0</b>
<b>Specialist Units CY25</b>		<b>903</b>	<b>95</b>	<b>158</b>	<b>58</b>	<b>0</b>	<b>74.4</b>	<b>7.8</b>	<b>13.0</b>	<b>4.8</b>	<b>0.0</b>
<b>Non-specialist Units CY25</b>		<b>1,638</b>	<b>139</b>	<b>550</b>	<b>42</b>	<b>2</b>	<b>69.1</b>	<b>5.9</b>	<b>23.2</b>	<b>1.8</b>	<b>0.1</b>

INCLUDES: Specialist and Non-specialist unit episodes with a groupable AN-SNAP class (not 599A).

# Mode of episode end by traumatic and non-traumatic brain injury



# Employment status prior and post brain injury



# Summary of employment status prior and post brain injury

Employment status	YOUR FACILITY CY25		SPECIALIST CY25		NON-SPECIALIST CY25	
	N	%	N	%	N	%
<b><u>Prior to brain injury:</u></b>						
Employed	47	44.8	540	50.7	577	25.1
Unemployed	25	23.8	210	19.7	203	8.8
Student/child	7	6.7	65	6.1	24	1.0
Not in the labour force	10	9.5	59	5.5	182	7.9
Retired for age	16	15.2	170	15.9	1197	52.2
Retired for disability	0	0.0	22	2.1	112	4.9
Not answered	14		150		79	
<b>All</b>	<b>119</b>	<b>100.0</b>	<b>1,216</b>	<b>100.0</b>	<b>2,374</b>	<b>100.0</b>
<b><u>After discharge (if previously employed):</u></b>						
Same or similar job, same or similar hours	3	6.5	61	11.8	31	6.1
Same or similar job, reduced hours	2	4.3	30	5.8	30	5.9
Different job by choice	0	0.0	(n<5)	(n<5)	(n<5)	(n<5)
Different job due to reduced function	0	0.0	(n<5)	(n<5)	(n<5)	(n<5)
Not able to work	6	13.0	46	8.9	84	16.5
Chosen to retire	0	0.0	7	1.4	14	2.8
Too early to determine	35	76.1	368	71.3	344	67.6
Not answered	1		24		68	
<b>All employed prior</b>	<b>47</b>	<b>100.0</b>	<b>540</b>	<b>100.0</b>	<b>577</b>	<b>100.0</b>

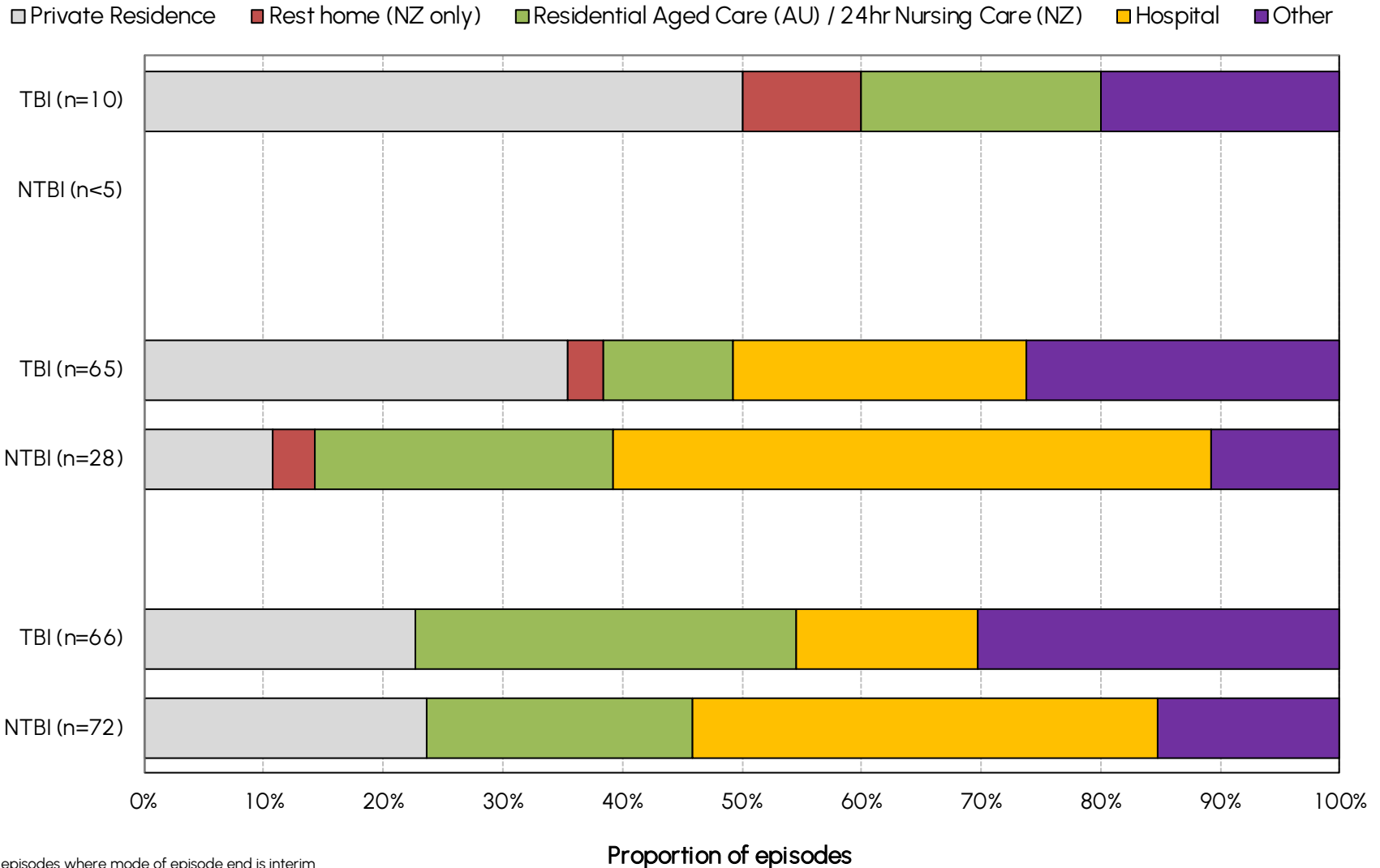
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Interim destination post discharge by TBI and NTBI

YOUR FACILITY CY25

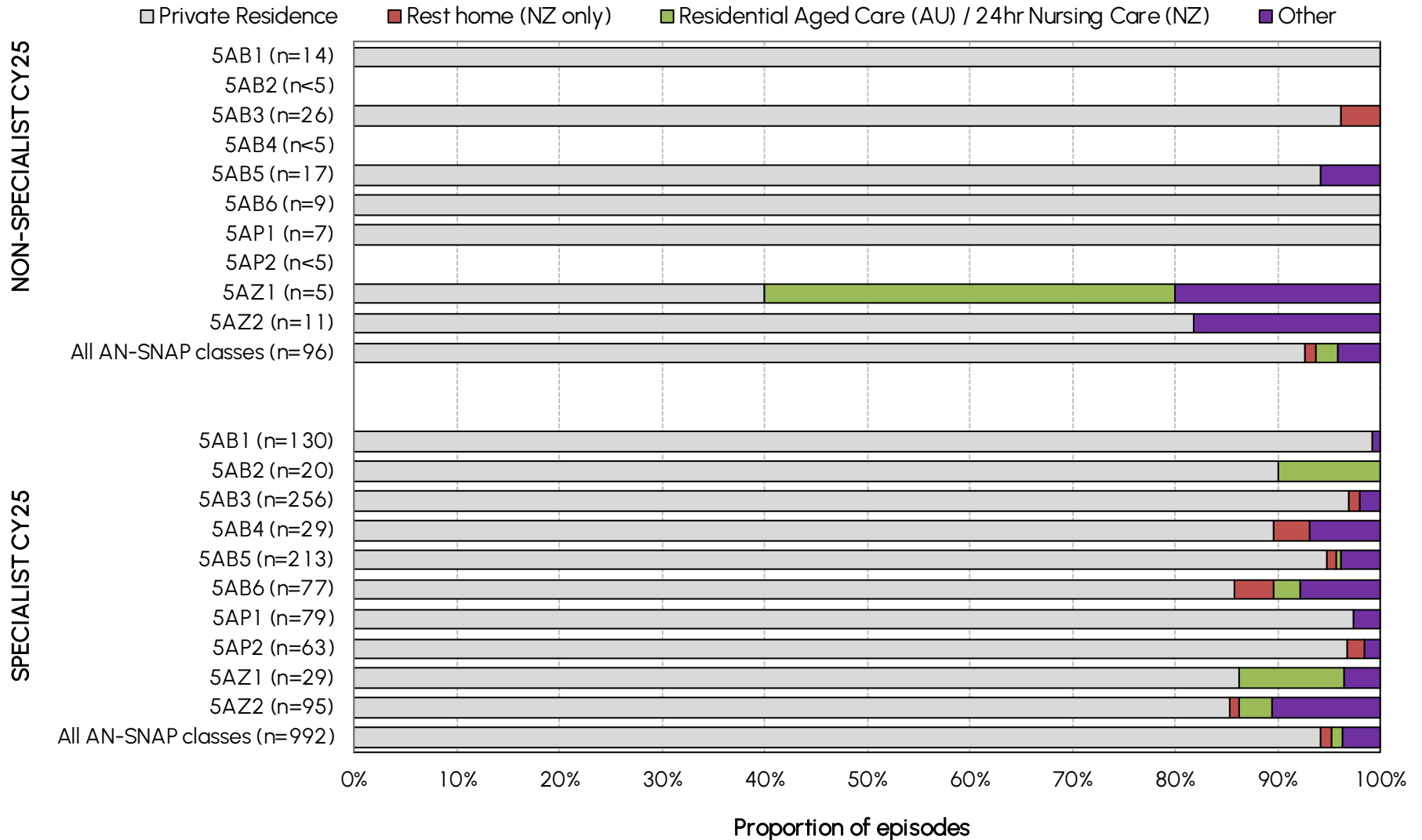
SPECIALIST CY25

NON-SPECIALIST CY25



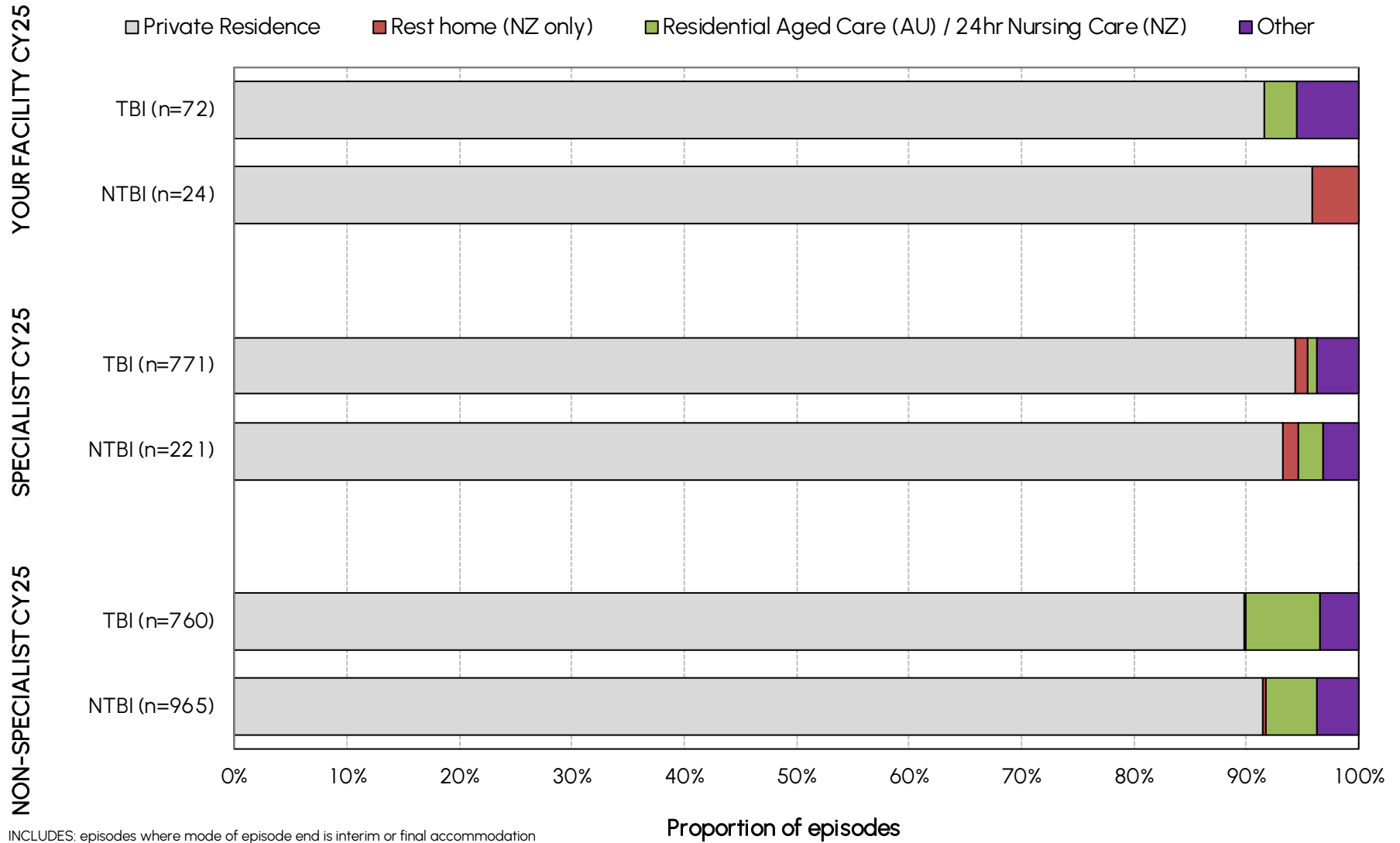
INCLUDES: episodes where mode of episode end is interim  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Final destination post discharge by AN-SNAP class

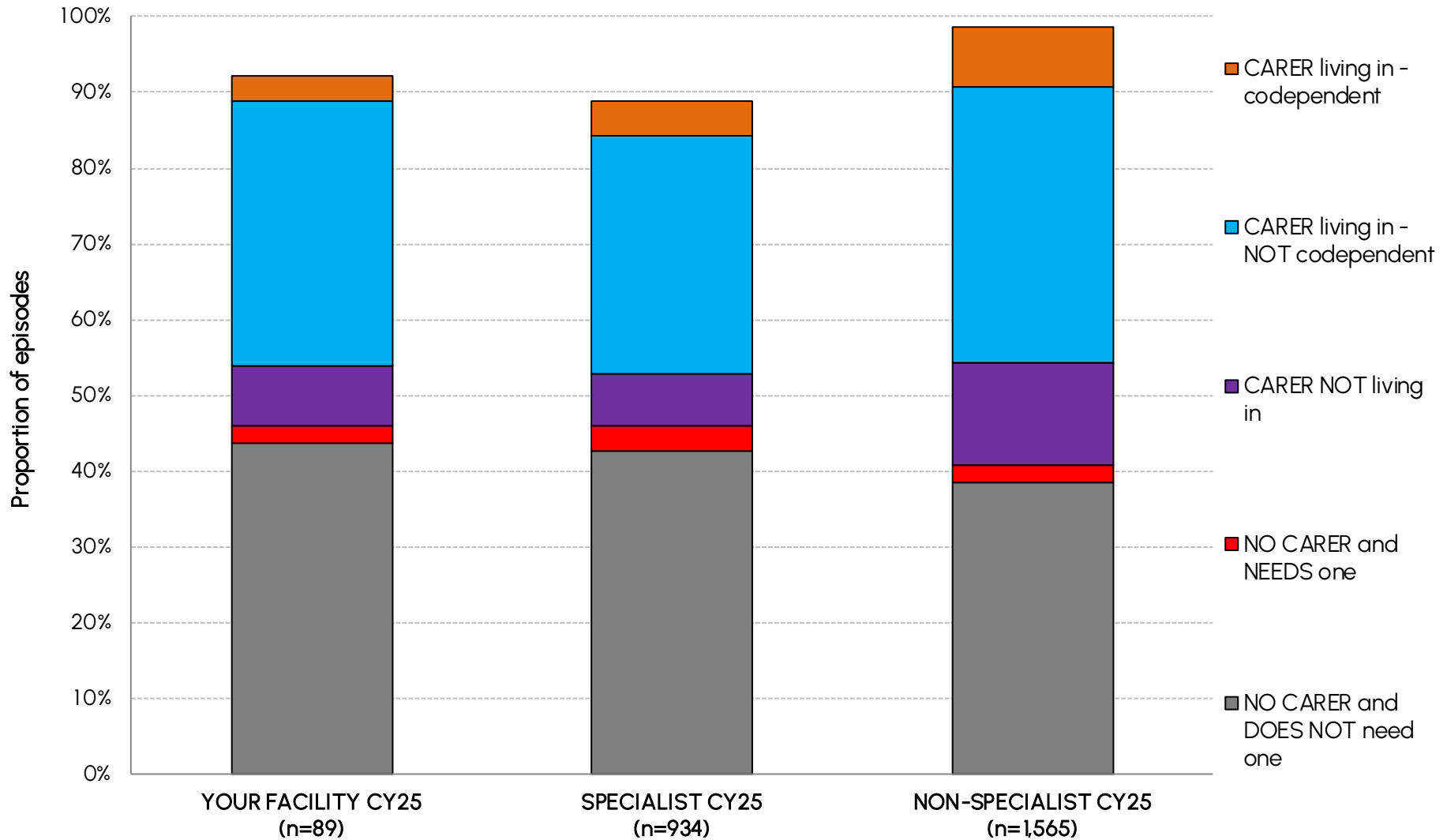


INCLUDES: episodes where mode of episode end is interim or final accommodation  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Final destination post discharge by TBI and NTBI

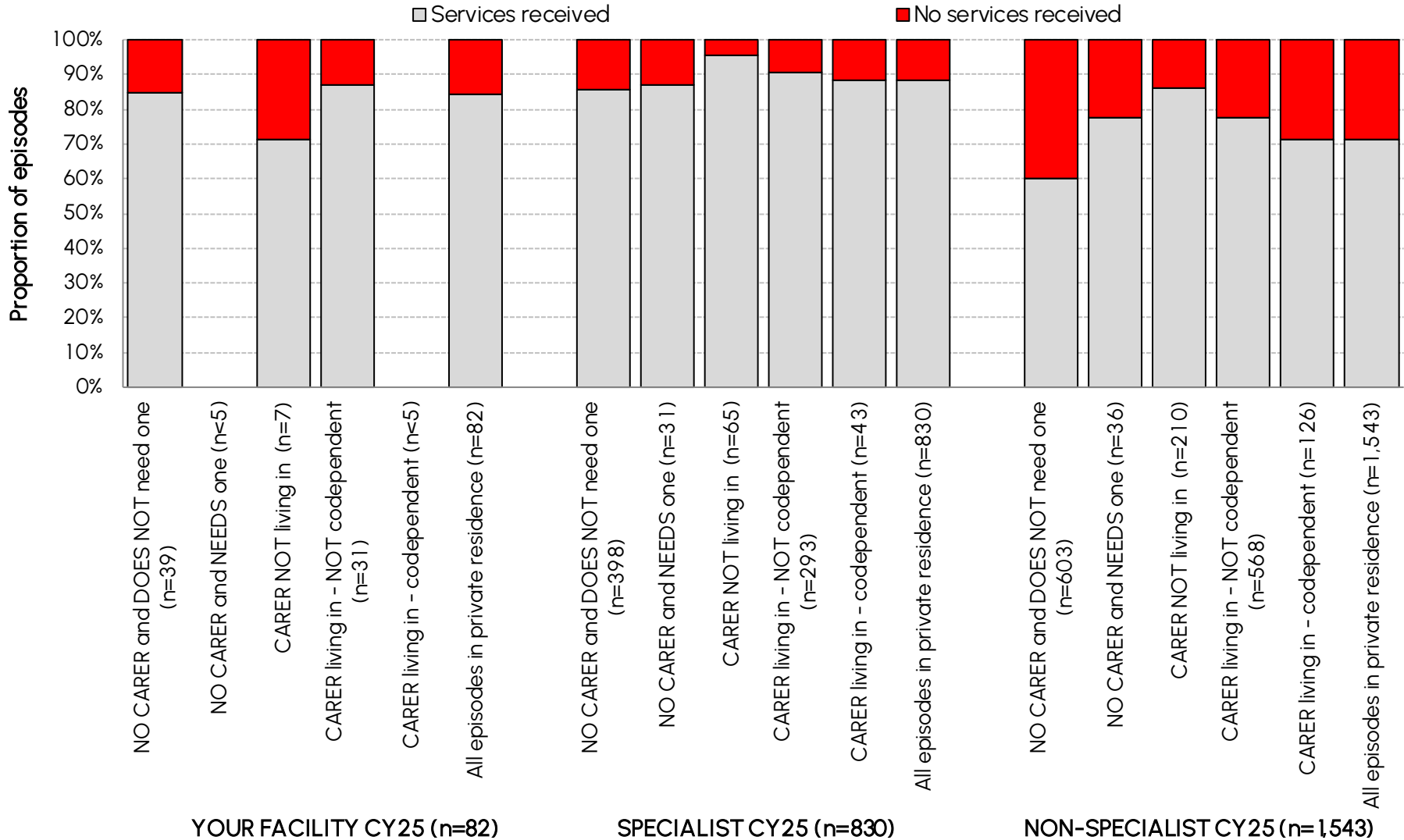


# Carer status post discharge



INCLUDES: episodes where final accommodation is private residence

# Any services received post discharge by carer status



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

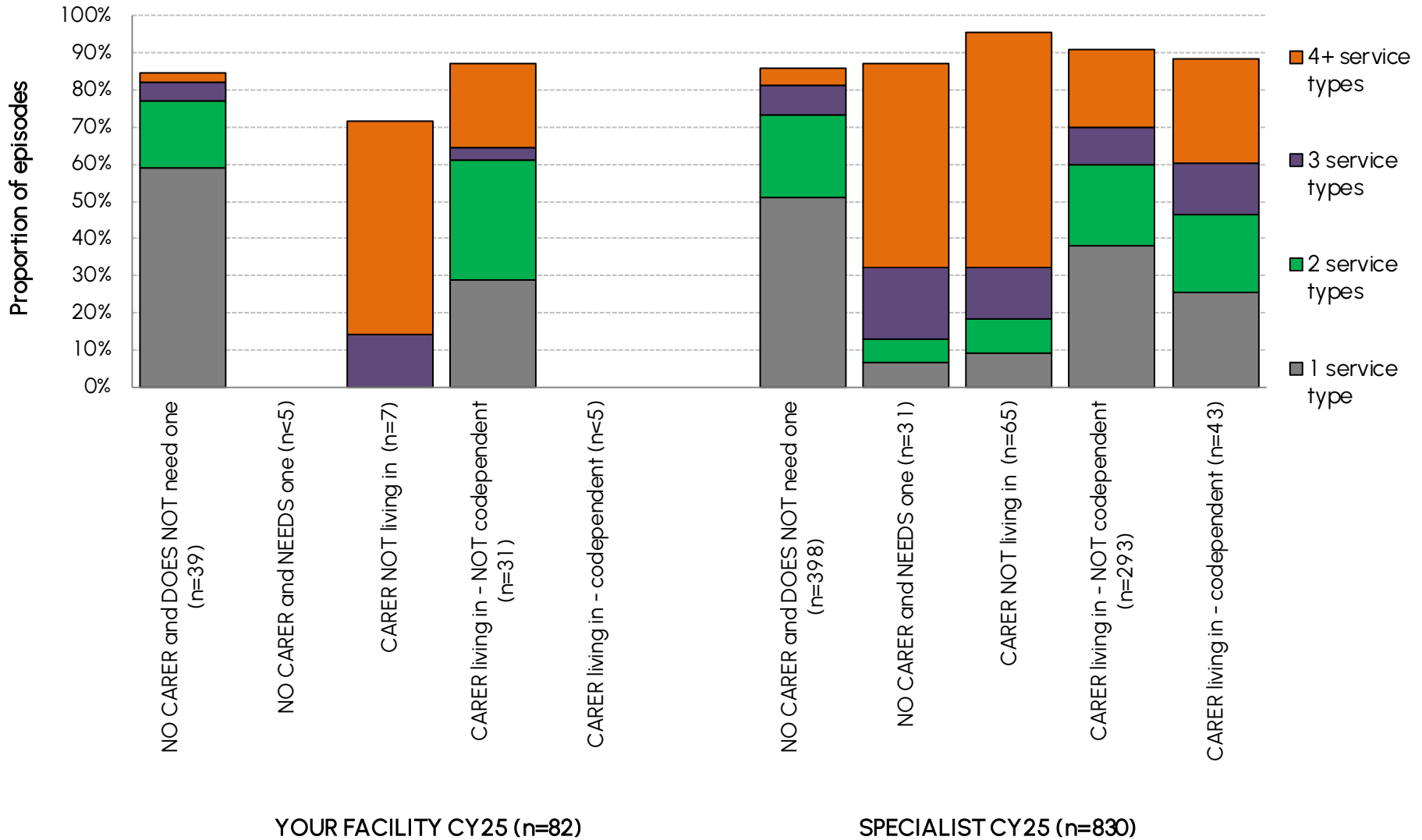
# Carer status and any services received post discharge

Carer status post discharge	YOUR FACILITY CY25		SPECIALIST CY25		NON-SPECIALIST CY25	
	N	%	N	%	N	%
NO CARER and DOES NOT need one	39	47.6	398	48.0	604	39.1
NO CARER and NEEDS one	2	2.4	31	3.7	36	2.3
CARER NOT living in	7	8.5	65	7.8	210	13.6
CARER living in - NOT codependent	31	37.8	293	35.3	568	36.8
CARER living in - codependent	3	3.7	43	5.2	126	8.2
Missing	7		104		21	
<b>All episodes in private residence</b>	<b>89</b>	<b>100.0</b>	<b>934</b>	<b>100.0</b>	<b>1,565</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	84.6	15.4	85.7	14.3	59.9	39.9
NO CARER and NEEDS one	50.0	50.0	87.1	12.9	77.8	22.2
CARER NOT living in	71.4	28.6	95.4	4.6	86.2	13.8
CARER living in - NOT codependent	87.1	12.9	90.8	9.2	77.6	22.4
CARER living in - codependent	100.0	0.0	88.4	11.6	71.4	28.6
<b>All episodes in private residence</b>	<b>84.1</b>	<b>15.9</b>	<b>88.4</b>	<b>11.6</b>	<b>71.4</b>	<b>28.6</b>

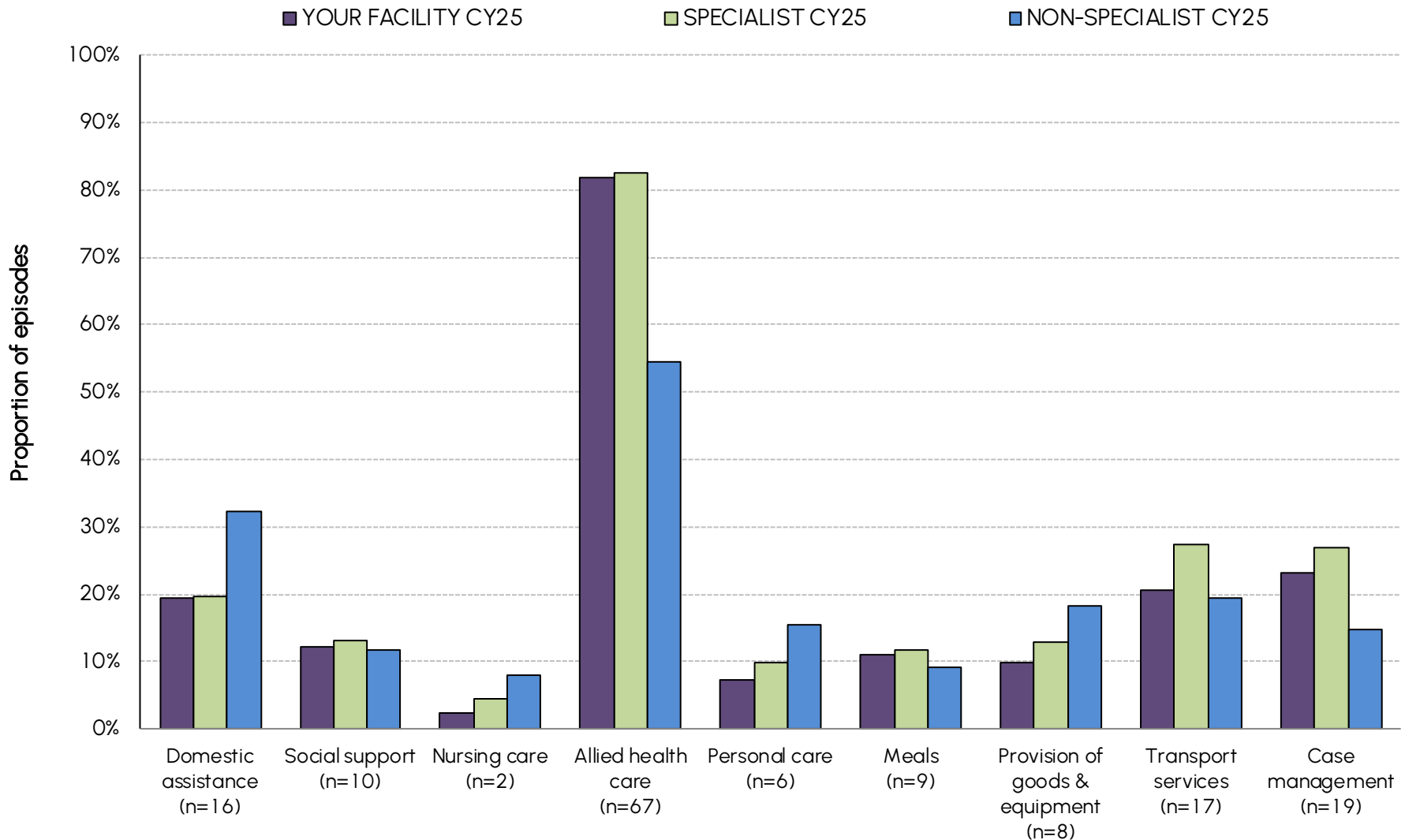
INCLUDES: episodes where final accommodation is private residence

# Number of services received post discharge by carer status



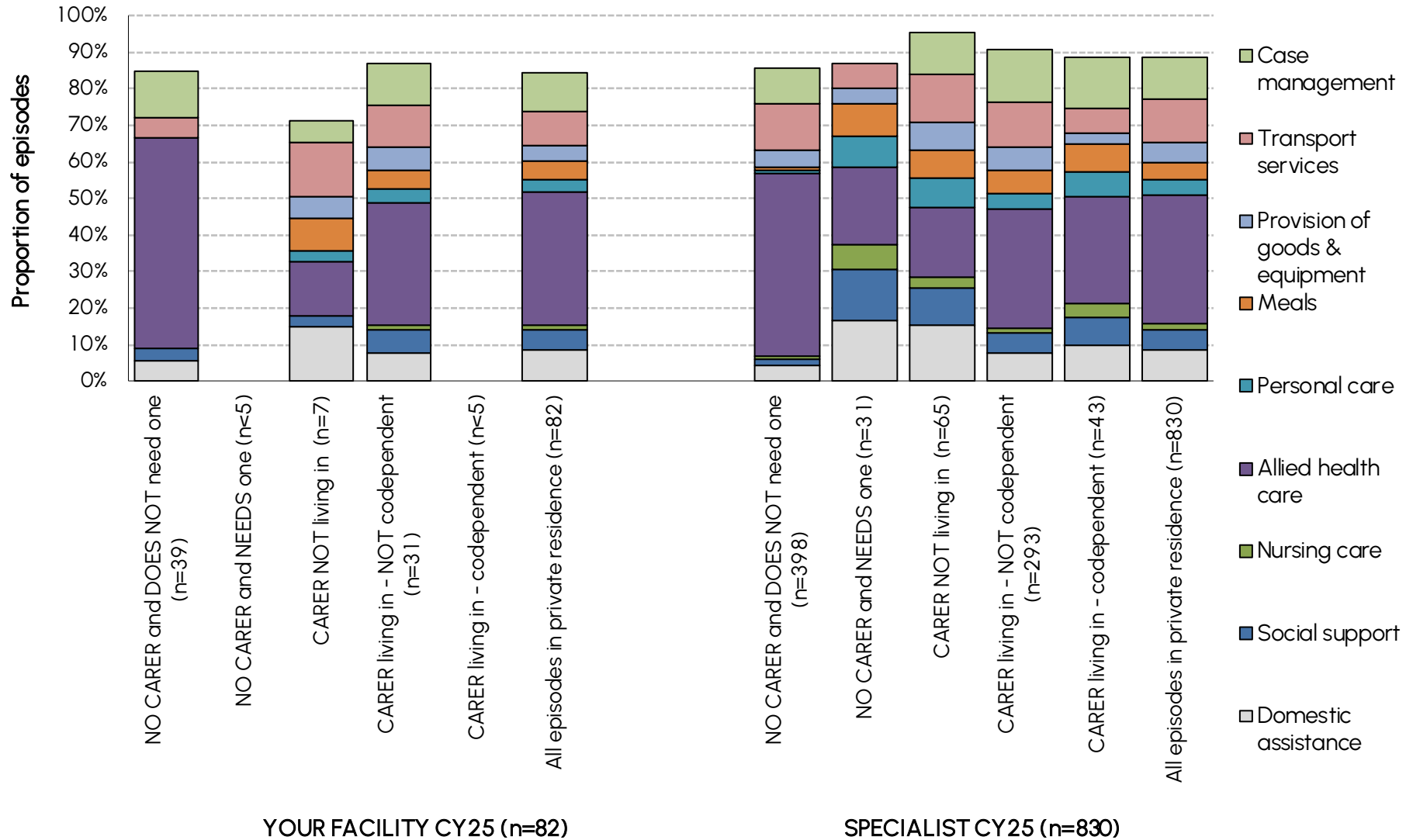
INCLUDES: episodes where final accommodation is private residence  
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Type of services received post discharge



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

# Type of services received post discharge by carer status



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

# 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	39	2	7	31	3	
<b>Percent of episodes receiving:</b>						
No services	15.4	50.0	28.6	12.9	0.0	<b>15.9</b>
1 service type	59.0	0.0	0.0	29.0	33.3	<b>40.2</b>
2 service types	17.9	0.0	0.0	32.3	33.3	<b>22.0</b>
3 service types	5.1	0.0	14.3	3.2	0.0	<b>4.9</b>
4 or more service types	2.6	50.0	57.1	22.6	33.3	<b>17.1</b>
<b>Service Type received</b>						
Domestic assistance	7.7	50.0	71.4	19.4	33.3	<b>19.5</b>
Social support	5.1	50.0	14.3	16.1	33.3	<b>12.2</b>
Nursing care	0.0	0.0	0.0	3.2	33.3	<b>2.4</b>
Allied health care	82.1	50.0	71.4	83.9	100.0	<b>81.7</b>
Personal care	0.0	50.0	14.3	9.7	33.3	<b>7.3</b>
Meals	0.0	50.0	42.9	12.9	33.3	<b>11.0</b>
Provision of goods & equipment	0.0	0.0	28.6	16.1	33.3	<b>9.8</b>
Transport services	7.7	0.0	71.4	29.0	0.0	<b>20.7</b>
Case management	17.9	0.0	28.6	29.0	33.3	<b>23.2</b>

INCLUDES: episodes where final accommodation is private residence

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

# 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	398	31	65	293	43	
<b>Percent of episodes receiving:</b>						
No services	14.3	12.9	4.6	9.2	11.6	<b>11.6</b>
1 service type	51.0	6.5	9.2	38.2	25.6	<b>40.2</b>
2 service types	22.1	6.5	9.2	21.5	20.9	<b>20.2</b>
3 service types	8.3	19.4	13.8	10.2	14.0	<b>10.1</b>
4 or more service types	4.3	54.8	63.1	20.8	27.9	<b>17.8</b>
<b>Service Type received</b>						
Domestic assistance	7.0	67.7	70.8	19.1	30.2	<b>19.8</b>
Social support	3.0	54.8	44.6	14.0	23.3	<b>13.1</b>
Nursing care	1.3	29.0	13.8	3.4	11.6	<b>4.6</b>
Allied health care	81.9	83.9	87.7	81.2	88.4	<b>82.5</b>
Personal care	1.3	35.5	36.9	11.3	20.9	<b>9.9</b>
Meals	1.8	35.5	35.4	16.0	23.3	<b>11.8</b>
Provision of goods & equipment	7.8	16.1	33.8	15.7	9.3	<b>13.0</b>
Transport services	20.6	29.0	60.0	30.4	20.9	<b>27.5</b>
Case management	16.1	0.0	52.3	36.5	41.9	<b>26.9</b>

INCLUDES: episodes where final accommodation is private residence

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

# 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	604	36	210	568	126	
<b>Percent of episodes receiving:</b>						
No services	39.9	22.2	13.8	22.4	28.6	<b>28.6</b>
1 service type	31.5	22.2	16.2	26.8	23.0	<b>26.7</b>
2 service types	12.6	22.2	20.5	17.1	15.1	<b>15.7</b>
3 service types	7.9	19.4	19.0	13.4	12.7	<b>12.1</b>
4 or more service types	7.6	13.9	30.5	20.2	20.6	<b>16.6</b>
<b>Service Type received</b>						
Domestic assistance	23.2	44.4	54.8	33.5	28.6	<b>32.2</b>
Social support	4.5	13.9	24.8	14.6	12.7	<b>11.9</b>
Nursing care	4.5	11.1	12.9	9.9	7.1	<b>8.0</b>
Allied health care	46.4	47.2	58.1	62.0	54.8	<b>54.4</b>
Personal care	3.8	19.4	30.0	21.3	19.8	<b>15.5</b>
Meals	3.6	11.1	16.7	11.4	13.5	<b>9.3</b>
Provision of goods & equipment	11.9	16.7	28.1	21.3	20.6	<b>18.4</b>
Transport services	13.1	13.9	33.8	21.8	18.3	<b>19.6</b>
Case management	6.0	13.9	25.2	17.4	27.8	<b>14.8</b>

INCLUDES: episodes where final accommodation is private residence

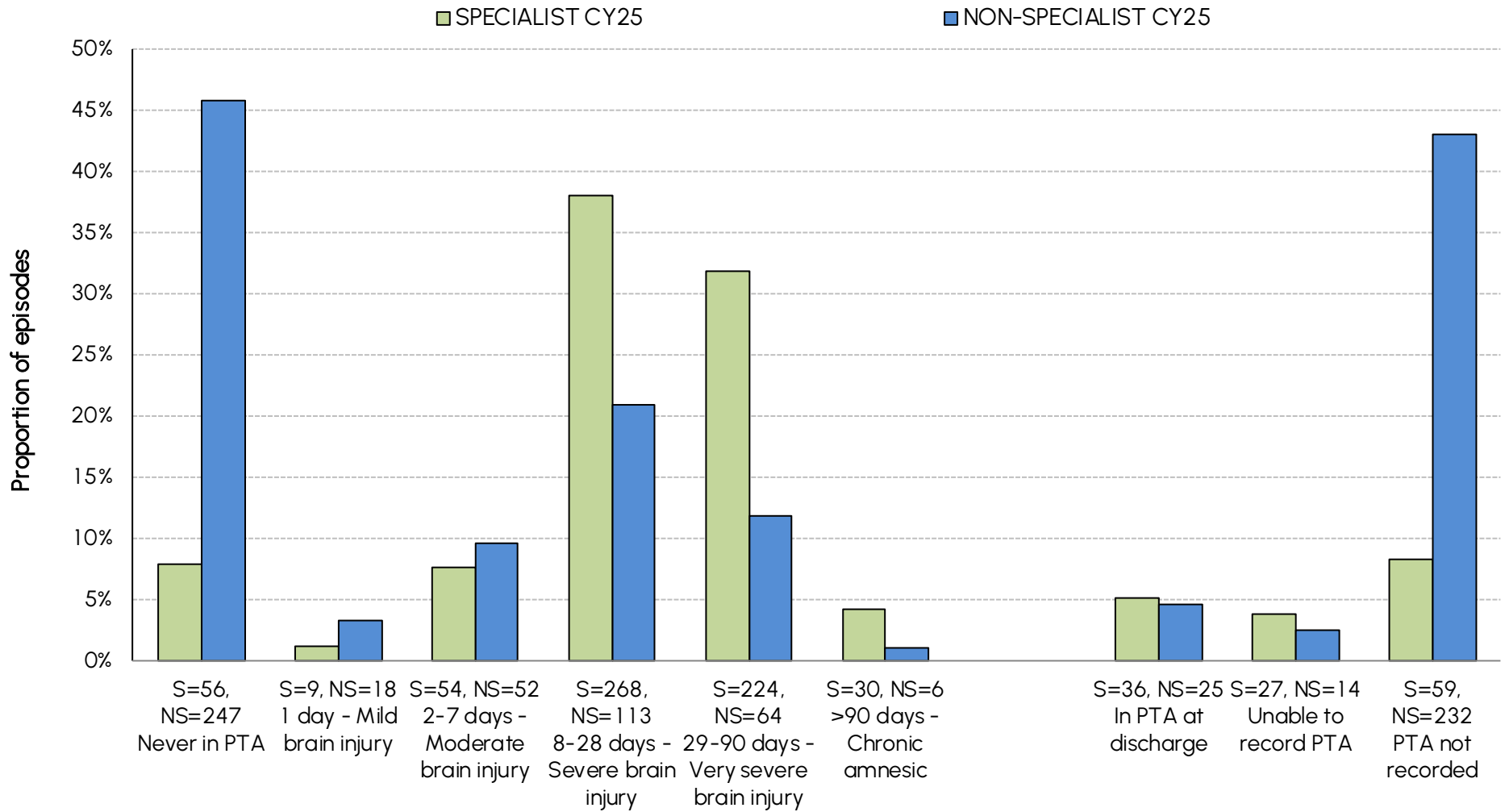
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.



# Brain injury specific data



# Proportion of brain injury episodes by duration of PTA

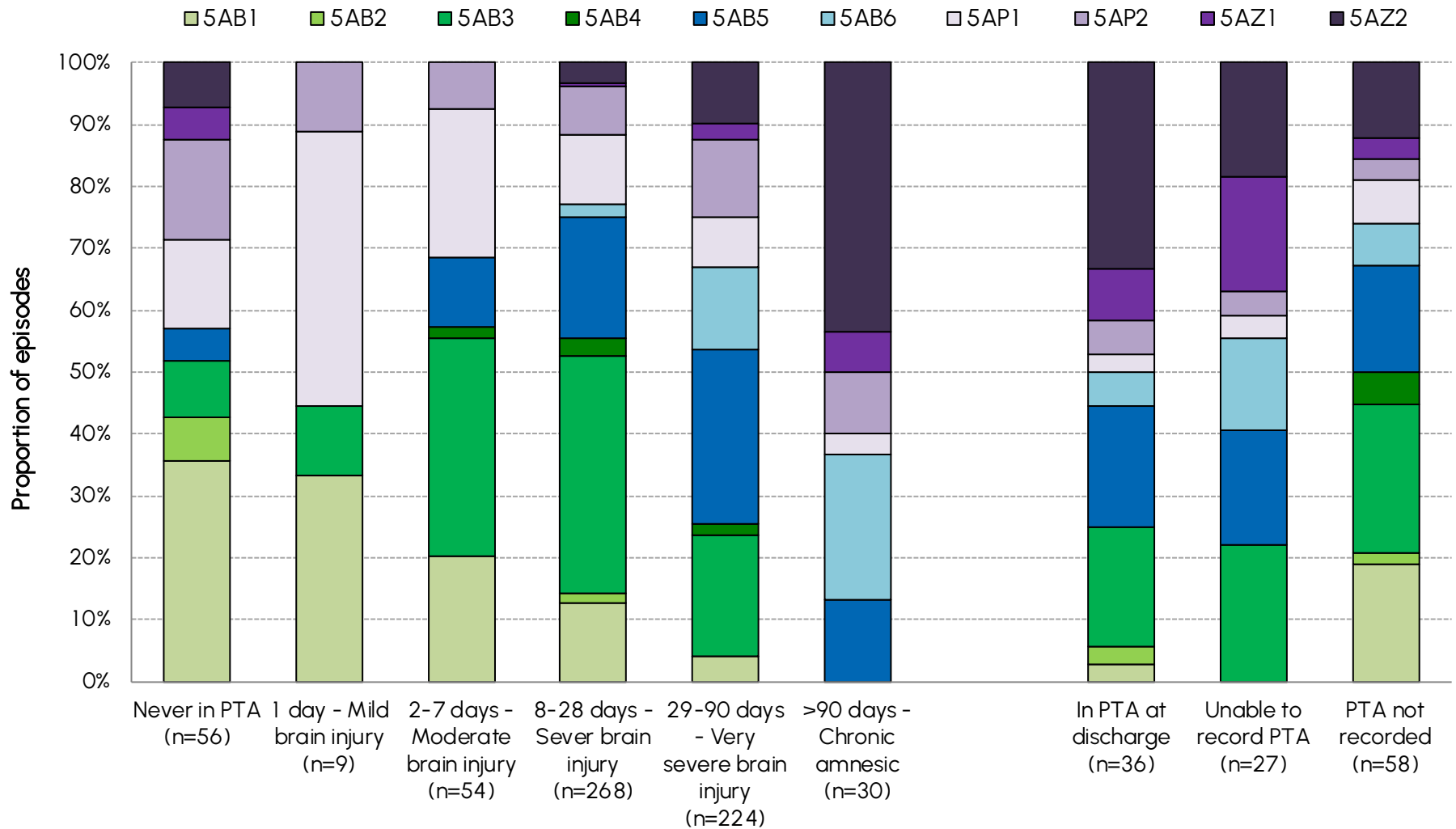


INCLUDES: traumatic, first direct care admission episodes

Note: S=Specialist episodes and NS=Non-Specialist episodes

MISSING DATA: 10 episodes at YOUR Facility, 101 episodes at SPECIALIST facilities and 127 episodes at NON-SPECIALIST facilities did not collect PTA.

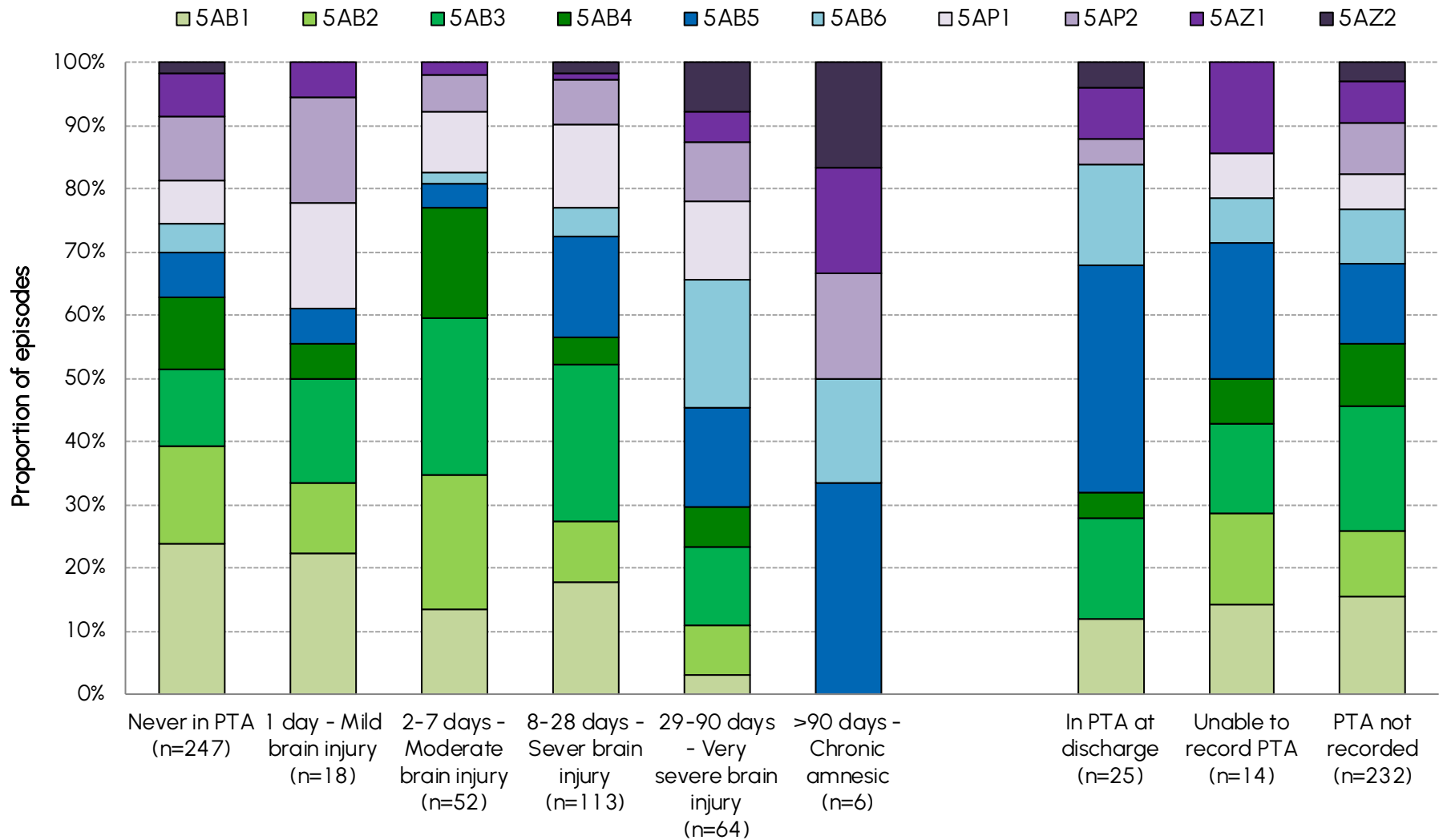
# Proportion of specialist facility brain injury episodes by AN-SNAP class and duration of PTA



INCLUDES: traumatic, first direct care admission episodes with groupable AN-SNAP (not 599A)

MISSING DATA: 10 episodes at YOUR Facility, 101 episodes at SPECIALIST facilities and 127 episodes at NON-SPECIALIST facilities did not collect PTA.

# Proportion of non-specialist facility brain injury episodes by AN-SNAP class and duration of PTA

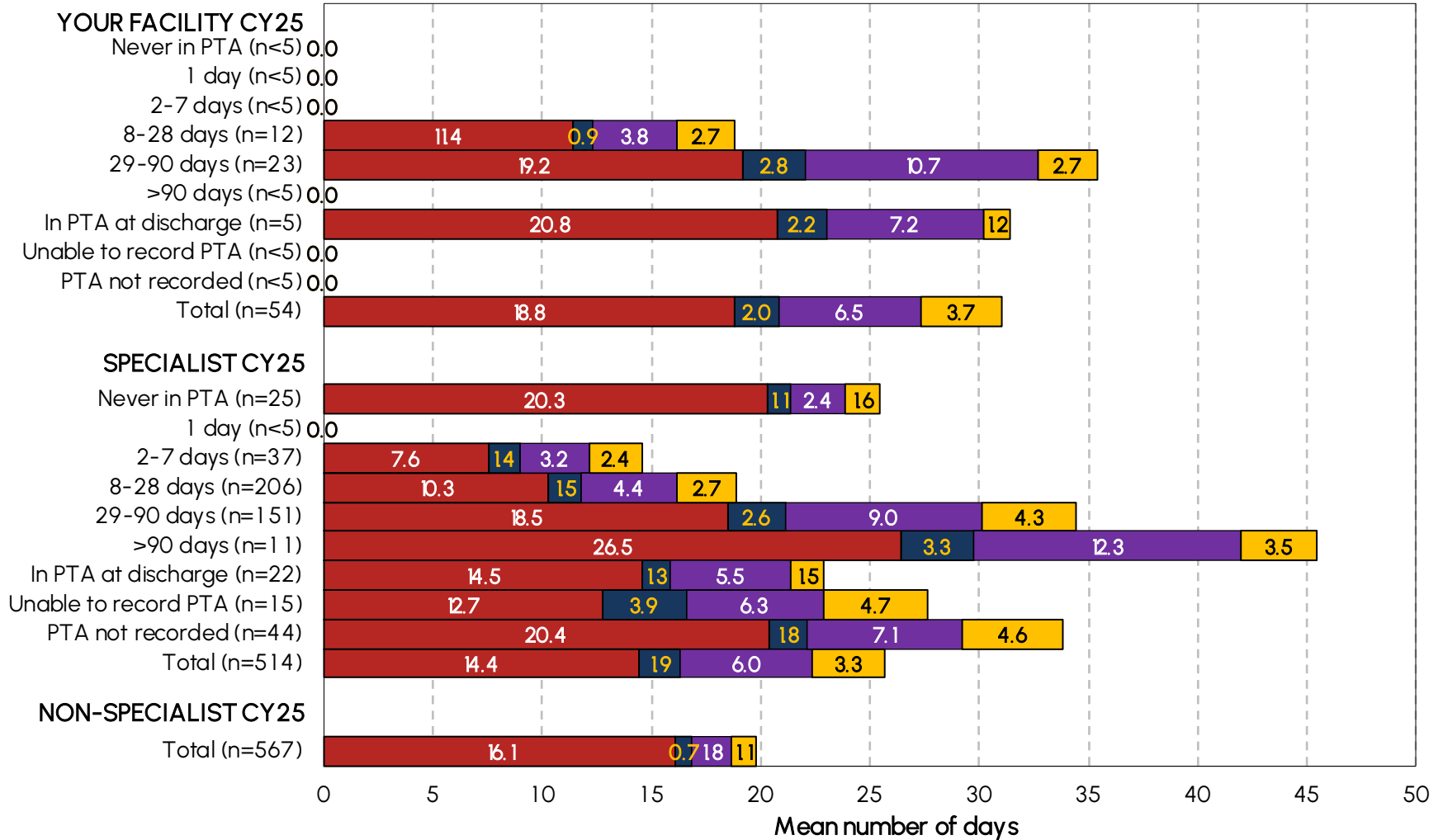


INCLUDES: traumatic, first direct care admission episodes with groupable AN-SNAP (not 599A)

MISSING DATA: 10 episodes at YOUR Facility, 101 episodes at SPECIALIST facilities and 127 episodes at NON-SPECIALIST facilities did not collect PTA.

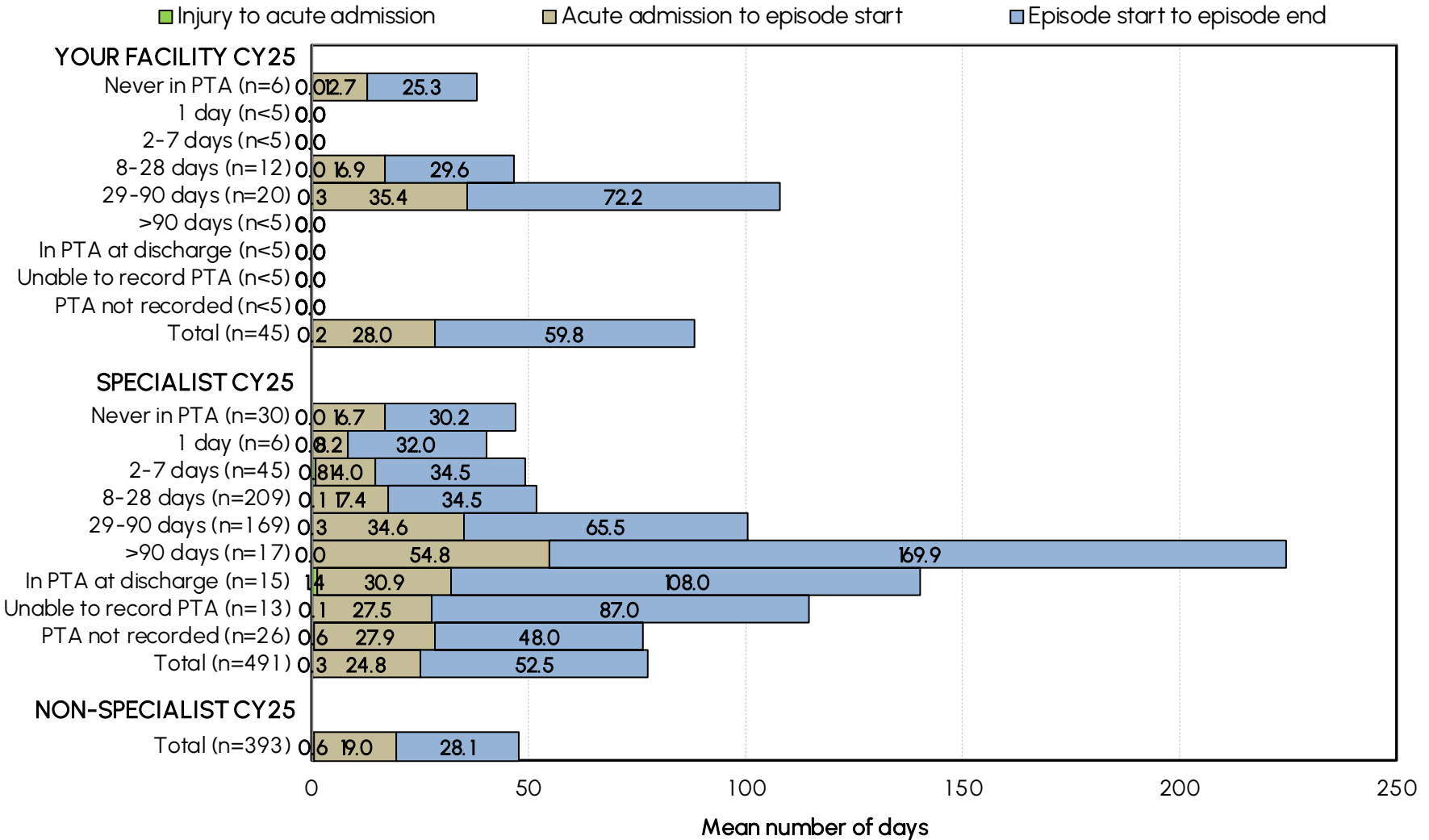
# Days from injury to episode start by duration of PTA

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



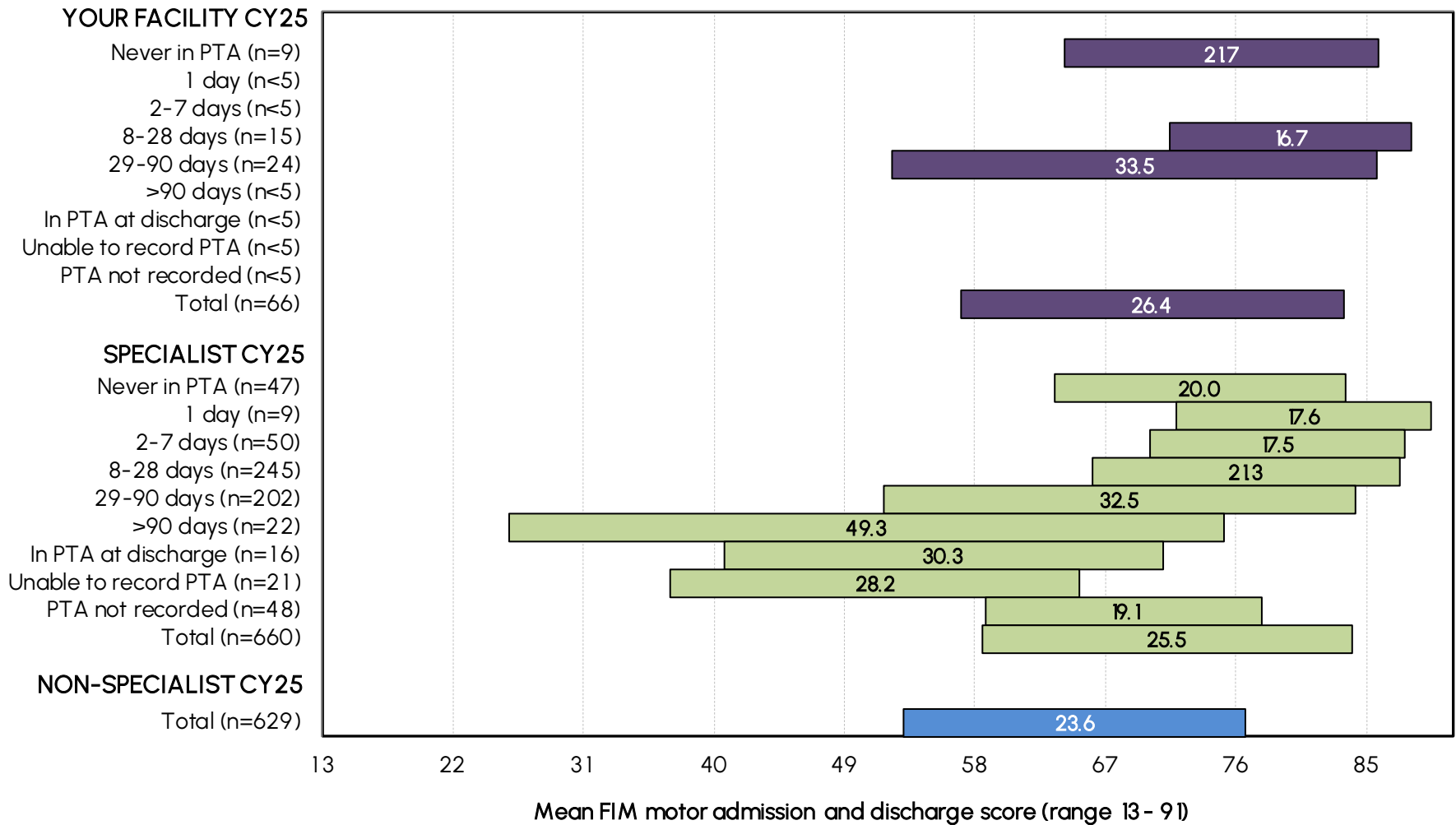
INCLUDES: first direct care admission episodes with valid date of onset, valid referral date, valid assessment date, valid clinically rehabilitation ready date and valid episodes start date  
 MISSING DATA: 10 episodes at YOUR Facility, 101 episodes at SPECIALIST facilities and 127 episodes at NON-SPECIALIST facilities did not collect PTA.  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Days from injury to episode start with an acute admission by duration of PTA



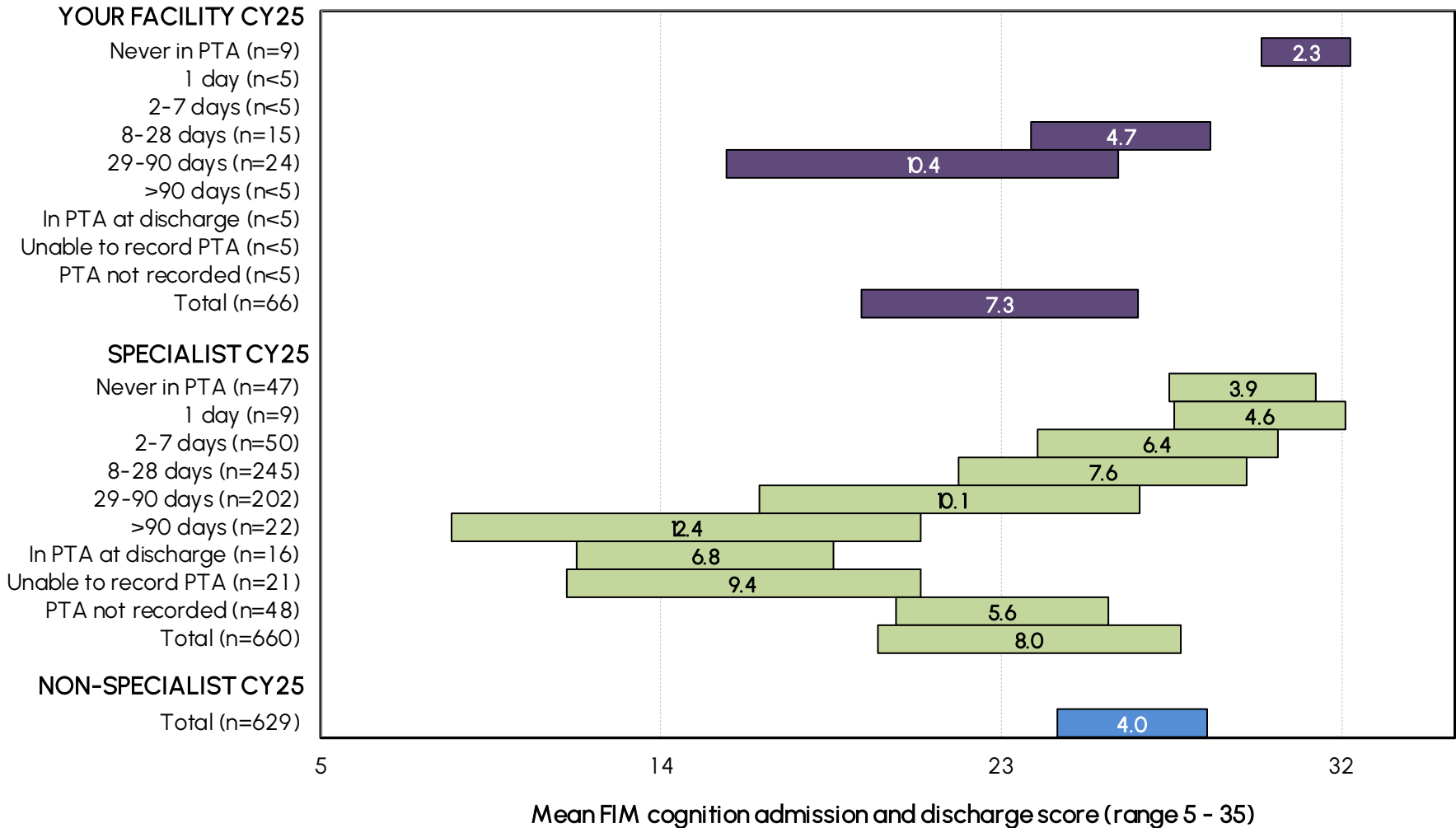
INCLUDES: first direct care admission episodes with valid date of onset, valid date of acute admission, valid episode start date, valid episode end date.  
MISSING DATA: 10 episodes at YOUR Facility, 101 episodes at SPECIALIST facilities and 127 episodes at NON-SPECIALIST facilities did not collect PTA.  
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Admission and discharge FIM motor scores by duration of PTA



INCLUDES: first direct care admissions, valid LOS, valid FIM score, groupable AN-SNAP class (not 599A)  
MISSING DATA: 10 episodes at YOUR Facility, 101 episodes at SPECIALIST facilities and 127 episodes at NON-SPECIALIST facilities did not collect PTA.  
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Admission and discharge FIM cognition scores by duration of PTA



INCLUDES: first direct care admissions, valid LOS, valid FIM score, groupable AN-SNAP class (not 599A)  
 MISSING DATA: 10 episodes at YOUR Facility, 101 episodes at SPECIALIST facilities and 127 episodes at NON-SPECIALIST facilities did not collect PTA.  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Mean length of stay by AN-SNAP class and duration of PTA

YOUR FACILITY CY25									
AN-SNAP class	Never in PTA	1 day	2-7 days	8-28 days	29-90 days	>90 days	PTA at dis.	Unable PTA	No PTA record
5AB1 (Bl, weighted FIM motor 59-91, FIM cog 27-35)	(n<5)	(n<5)	—	(n<5)	—	—	—	—	(n<5)
5AB2 (Bl, weighted FIM motor 19-58, FIM cog 27-35)	—	—	—	—	—	—	—	—	—
5AB3 (Bl, weighted FIM motor 50-91, FIM cog 19-26)	—	—	(n<5)	33.1	46.3	—	—	—	(n<5)
5AB4 (Bl, weighted FIM motor 19-49, FIM cog 19-26)	—	—	—	(n<5)	(n<5)	—	—	—	—
5AB5 (Bl, weighted FIM motor 39-91, FIM cog 5-18)	—	—	—	(n<5)	76.8	—	(n<5)	—	—
5AB6 (Bl, weighted FIM motor 19-38, FIM cog 5-18)	—	—	—	—	68.7	(n<5)	—	—	—
5AP1 (MMT, weighted FIM motor 51-91)	(n<5)	—	—	(n<5)	(n<5)	—	—	(n<5)	—
5AP2 (MMT, weighted FIM motor 19-50)	—	—	—	(n<5)	—	(n<5)	—	—	—
5AZ1 (Bl or MMT, age ≥ 59, weighted FIM motor 13-18)	(n<5)	—	—	—	—	—	(n<5)	(n<5)	—
5AZ2 (Bl or MMT, age ≤ 58, weighted FIM motor 13-18)	(n<5)	—	—	—	(n<5)	(n<5)	(n<5)	(n<5)	—
<b>All Brain AN-SNAP classes</b>	<b>20.7</b>	<b>(n&lt;5)</b>	<b>(n&lt;5)</b>	<b>26.1</b>	<b>61.7</b>	<b>(n&lt;5)</b>	<b>(n&lt;5)</b>	<b>(n&lt;5)</b>	<b>(n&lt;5)</b>

SPECIALIST CY25									
AN-SNAP class	Never in PTA	1 day	2-7 days	8-28 days	29-90 days	>90 days	PTA at dis.	Unable PTA	No PTA record
5AB1 (Bl, weighted FIM motor 59-91, FIM cog 27-35)	14.7	(n<5)	19.4	18.1	24.3	—	(n<5)	—	11.8
5AB2 (Bl, weighted FIM motor 19-58, FIM cog 27-35)	(n<5)	—	—	(n<5)	—	—	—	—	—
5AB3 (Bl, weighted FIM motor 50-91, FIM cog 19-26)	17.4	(n<5)	26.1	30.1	49.2	—	(n<5)	18.6	31.8
5AB4 (Bl, weighted FIM motor 19-49, FIM cog 19-26)	—	—	(n<5)	75.9	(n<5)	—	—	—	(n<5)
5AB5 (Bl, weighted FIM motor 39-91, FIM cog 5-18)	(n<5)	—	53.6	31.6	53.2	(n<5)	(n<5)	(n<5)	38.3
5AB6 (Bl, weighted FIM motor 19-38, FIM cog 5-18)	—	—	—	41.3	79.4	218.4	—	(n<5)	(n<5)
5AP1 (MMT, weighted FIM motor 51-91)	15.5	(n<5)	27.6	22.5	35.4	(n<5)	—	(n<5)	(n<5)
5AP2 (MMT, weighted FIM motor 19-50)	46.4	(n<5)	(n<5)	49.4	77.9	(n<5)	—	—	(n<5)
5AZ1 (Bl or MMT, age ≥ 59, weighted FIM motor 13-18)	(n<5)	—	—	(n<5)	58.4	(n<5)	(n<5)	(n<5)	(n<5)
5AZ2 (Bl or MMT, age ≤ 58, weighted FIM motor 13-18)	(n<5)	—	—	73.0	116.1	179.4	155.1	(n<5)	96.4
<b>All Brain AN-SNAP classes</b>	<b>26.8</b>	<b>28.1</b>	<b>30.0</b>	<b>31.9</b>	<b>61.0</b>	<b>173.0</b>	<b>102.8</b>	<b>107.8</b>	<b>49.1</b>

NON-SPECIALIST CY25									
AN-SNAP class	Never in PTA	1 day	2-7 days	8-28 days	29-90 days	>90 days	PTA at dis.	Unable PTA	No PTA record
5AB1 (Bl, weighted FIM motor 59-91, FIM cog 27-35)	14.0	(n<5)	8.0	14.6	(n<5)	—	(n<5)	(n<5)	13.9
5AB2 (Bl, weighted FIM motor 19-58, FIM cog 27-35)	24.0	(n<5)	26.4	20.7	21.0	—	—	(n<5)	21.9
5AB3 (Bl, weighted FIM motor 50-91, FIM cog 19-26)	18.3	(n<5)	13.8	14.4	24.0	—	(n<5)	(n<5)	20.7
5AB4 (Bl, weighted FIM motor 19-49, FIM cog 19-26)	28.0	(n<5)	21.5	40.6	(n<5)	—	(n<5)	—	30.2
5AB5 (Bl, weighted FIM motor 39-91, FIM cog 5-18)	34.4	(n<5)	(n<5)	30.5	29.4	(n<5)	18.0	(n<5)	33.4
5AB6 (Bl, weighted FIM motor 19-38, FIM cog 5-18)	25.3	—	(n<5)	(n<5)	64.1	(n<5)	—	(n<5)	50.2
5AP1 (MMT, weighted FIM motor 51-91)	18.8	(n<5)	37.6	18.8	20.7	—	—	(n<5)	22.0
5AP2 (MMT, weighted FIM motor 19-50)	49.7	(n<5)	(n<5)	38.8	49.0	(n<5)	(n<5)	—	36.3
5AZ1 (Bl or MMT, age ≥ 59, weighted FIM motor 13-18)	72.0	(n<5)	(n<5)	—	(n<5)	(n<5)	(n<5)	(n<5)	69.2
5AZ2 (Bl or MMT, age ≤ 58, weighted FIM motor 13-18)	(n<5)	—	—	(n<5)	(n<5)	(n<5)	—	—	(n<5)
<b>All Brain AN-SNAP classes</b>	<b>27.6</b>	<b>27.4</b>	<b>20.6</b>	<b>23.7</b>	<b>38.1</b>	<b>94.8</b>	<b>24.9</b>	<b>38.7</b>	<b>29.5</b>

INCLUDES: first direct care admissions, valid LOS, valid FIM score, groupable AN-SNAP (not 599A)  
DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.

# Mean FIM admission by AN-SNAP class and duration of PTA

YOUR FACILITY CY25									
AN-SNAP class	Never in PTA	1 day	2-7 days	8-28 days	29-90 days	>90 days	PTA at dis.	Unable PTA	No PTA record
5AB1 (Bl. weighted FIM motor 59-91, FIM cog 27-35)	(n<5)	(n<5)	—	(n<5)	—	—	—	—	(n<5)
5AB2 (Bl. weighted FIM motor 19-58, FIM cog 27-35)	—	—	—	—	—	—	—	—	—
5AB3 (Bl. weighted FIM motor 50-91, FIM cog 19-26)	—	—	(n<5)	98.9	97.1	—	—	—	(n<5)
5AB4 (Bl. weighted FIM motor 19-49, FIM cog 19-26)	—	—	—	(n<5)	(n<5)	—	—	—	—
5AB5 (Bl. weighted FIM motor 39-91, FIM cog 5-18)	—	—	—	(n<5)	79.0	—	(n<5)	—	—
5AB6 (Bl. weighted FIM motor 19-38, FIM cog 5-18)	—	—	—	—	41.0	(n<5)	—	—	—
5AP1 (MMT, weighted FIM motor 51-91)	(n<5)	—	—	(n<5)	(n<5)	—	—	(n<5)	—
5AP2 (MMT, weighted FIM motor 19-50)	—	—	—	(n<5)	—	(n<5)	—	—	—
5AZ1 (Bl or MMT, age ≥ 59, weighted FIM motor 13-18)	(n<5)	—	—	—	—	—	(n<5)	(n<5)	—
5AZ2 (Bl or MMT, age ≤ 58, weighted FIM motor 13-18)	(n<5)	—	—	—	(n<5)	(n<5)	(n<5)	(n<5)	—
<b>All Brain AN-SNAP classes</b>	<b>94.1</b>	<b>(n&lt;5)</b>	<b>(n&lt;5)</b>	<b>95.3</b>	<b>68.0</b>	<b>(n&lt;5)</b>	<b>(n&lt;5)</b>	<b>(n&lt;5)</b>	<b>(n&lt;5)</b>

SPECIALIST CY25									
AN-SNAP class	Never in PTA	1 day	2-7 days	8-28 days	29-90 days	>90 days	PTA at dis.	Unable PTA	No PTA record
5AB1 (Bl. weighted FIM motor 59-91, FIM cog 27-35)	108.8	(n<5)	106.6	107.3	111.1	—	(n<5)	—	115.0
5AB2 (Bl. weighted FIM motor 19-58, FIM cog 27-35)	(n<5)	—	—	(n<5)	—	—	—	—	—
5AB3 (Bl. weighted FIM motor 50-91, FIM cog 19-26)	102.6	(n<5)	102.9	97.1	95.0	—	(n<5)	85.6	103.4
5AB4 (Bl. weighted FIM motor 19-49, FIM cog 19-26)	—	—	(n<5)	62.9	(n<5)	—	—	—	(n<5)
5AB5 (Bl. weighted FIM motor 39-91, FIM cog 5-18)	(n<5)	—	76.8	82.9	76.0	(n<5)	(n<5)	(n<5)	68.9
5AB6 (Bl. weighted FIM motor 19-38, FIM cog 5-18)	—	—	—	41.3	36.9	30.0	—	(n<5)	(n<5)
5AP1 (MMT, weighted FIM motor 51-91)	105.5	(n<5)	91.6	89.7	83.4	(n<5)	—	(n<5)	(n<5)
5AP2 (MMT, weighted FIM motor 19-50)	68.0	(n<5)	(n<5)	58.4	50.2	(n<5)	—	—	(n<5)
5AZ1 (Bl or MMT, age ≥ 59, weighted FIM motor 13-18)	(n<5)	—	—	(n<5)	24.0	(n<5)	(n<5)	(n<5)	(n<5)
5AZ2 (Bl or MMT, age ≤ 58, weighted FIM motor 13-18)	(n<5)	—	—	29.8	25.2	20.3	19.9	(n<5)	25.5
<b>All Brain AN-SNAP classes</b>	<b>90.9</b>	<b>99.4</b>	<b>94.1</b>	<b>88.0</b>	<b>68.3</b>	<b>34.4</b>	<b>52.4</b>	<b>48.5</b>	<b>79.0</b>

NON-SPECIALIST CY25									
AN-SNAP class	Never in PTA	1 day	2-7 days	8-28 days	29-90 days	>90 days	PTA at dis.	Unable PTA	No PTA record
5AB1 (Bl. weighted FIM motor 59-91, FIM cog 27-35)	99.7	(n<5)	104.5	107.1	(n<5)	—	(n<5)	(n<5)	101.7
5AB2 (Bl. weighted FIM motor 19-58, FIM cog 27-35)	77.0	(n<5)	75.9	76.4	70.2	—	—	(n<5)	76.4
5AB3 (Bl. weighted FIM motor 50-91, FIM cog 19-26)	84.0	(n<5)	89.1	95.1	87.6	—	(n<5)	(n<5)	84.9
5AB4 (Bl. weighted FIM motor 19-49, FIM cog 19-26)	64.0	(n<5)	60.8	60.0	(n<5)	—	(n<5)	—	58.2
5AB5 (Bl. weighted FIM motor 39-91, FIM cog 5-18)	62.9	(n<5)	(n<5)	69.1	82.2	(n<5)	76.8	(n<5)	73.7
5AB6 (Bl. weighted FIM motor 19-38, FIM cog 5-18)	43.6	—	(n<5)	(n<5)	38.7	(n<5)	—	(n<5)	37.1
5AP1 (MMT, weighted FIM motor 51-91)	94.6	(n<5)	94.2	95.3	98.9	—	—	(n<5)	91.8
5AP2 (MMT, weighted FIM motor 19-50)	64.0	(n<5)	(n<5)	71.8	55.5	(n<5)	(n<5)	—	69.1
5AZ1 (Bl or MMT, age ≥ 59, weighted FIM motor 13-18)	38.2	(n<5)	(n<5)	—	(n<5)	(n<5)	(n<5)	(n<5)	27.9
5AZ2 (Bl or MMT, age ≤ 58, weighted FIM motor 13-18)	(n<5)	—	—	(n<5)	(n<5)	(n<5)	—	—	(n<5)
<b>All Brain AN-SNAP classes</b>	<b>78.9</b>	<b>82.0</b>	<b>81.1</b>	<b>85.4</b>	<b>67.0</b>	<b>40.8</b>	<b>77.8</b>	<b>68.6</b>	<b>75.4</b>

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

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

# Mean FIM change by AN-SNAP class and duration of PTA

YOUR FACILITY CY25									
AN-SNAP class	Never in PTA	1 day	2-7 days	8-28 days	29-90 days	>90 days	PTA at dis.	Unable PTA	No PTA record
5AB1 (Bl. weighted FIM motor 59-91, FIM cog 27-35)	(n<5)	(n<5)	—	(n<5)	—	—	—	—	(n<5)
5AB2 (Bl. weighted FIM motor 19-58, FIM cog 27-35)	—	—	—	—	—	—	—	—	—
5AB3 (Bl. weighted FIM motor 50-91, FIM cog 19-26)	—	—	(n<5)	18.7	19.7	—	—	—	(n<5)
5AB4 (Bl. weighted FIM motor 19-49, FIM cog 19-26)	—	—	—	(n<5)	(n<5)	—	—	—	—
5AB5 (Bl. weighted FIM motor 39-91, FIM cog 5-18)	—	—	—	(n<5)	34.5	—	(n<5)	—	—
5AB6 (Bl. weighted FIM motor 19-38, FIM cog 5-18)	—	—	—	—	66.7	(n<5)	—	—	—
5AP1 (MMT, weighted FIM motor 51-91)	(n<5)	—	—	(n<5)	(n<5)	—	—	(n<5)	—
5AP2 (MMT, weighted FIM motor 19-50)	—	—	—	(n<5)	—	(n<5)	—	—	—
5AZ1 (Bl or MMT, age ≥ 59, weighted FIM motor 13-18)	(n<5)	—	—	—	—	—	(n<5)	(n<5)	—
5AZ2 (Bl or MMT, age ≤ 58, weighted FIM motor 13-18)	(n<5)	—	—	—	(n<5)	(n<5)	(n<5)	(n<5)	—
<b>All Brain AN-SNAP classes</b>	<b>24.0</b>	<b>(n&lt;5)</b>	<b>(n&lt;5)</b>	<b>21.4</b>	<b>43.8</b>	<b>(n&lt;5)</b>	<b>(n&lt;5)</b>	<b>(n&lt;5)</b>	<b>(n&lt;5)</b>

SPECIALIST CY25									
AN-SNAP class	Never in PTA	1 day	2-7 days	8-28 days	29-90 days	>90 days	PTA at dis.	Unable PTA	No PTA record
5AB1 (Bl. weighted FIM motor 59-91, FIM cog 27-35)	10.9	(n<5)	15.3	12.8	8.9	—	(n<5)	—	7.3
5AB2 (Bl. weighted FIM motor 19-58, FIM cog 27-35)	(n<5)	—	—	(n<5)	—	—	—	—	—
5AB3 (Bl. weighted FIM motor 50-91, FIM cog 19-26)	14.4	(n<5)	16.7	20.9	19.6	—	(n<5)	16.4	14.7
5AB4 (Bl. weighted FIM motor 19-49, FIM cog 19-26)	—	—	(n<5)	53.3	(n<5)	—	—	—	(n<5)
5AB5 (Bl. weighted FIM motor 39-91, FIM cog 5-18)	(n<5)	—	34.0	32.4	35.2	(n<5)	(n<5)	(n<5)	37.3
5AB6 (Bl. weighted FIM motor 19-38, FIM cog 5-18)	—	—	—	56.8	69.1	70.7	—	(n<5)	(n<5)
5AP1 (MMT, weighted FIM motor 51-91)	15.8	(n<5)	25.6	27.6	31.9	(n<5)	—	(n<5)	(n<5)
5AP2 (MMT, weighted FIM motor 19-50)	46.8	(n<5)	(n<5)	58.6	57.8	(n<5)	—	—	(n<5)
5AZ1 (Bl or MMT, age ≥ 59, weighted FIM motor 13-18)	(n<5)	—	—	(n<5)	87.8	(n<5)	(n<5)	(n<5)	(n<5)
5AZ2 (Bl or MMT, age ≤ 58, weighted FIM motor 13-18)	(n<5)	—	—	86.5	78.9	65.1	54.1	(n<5)	46.3
<b>All Brain AN-SNAP classes</b>	<b>23.9</b>	<b>22.1</b>	<b>23.8</b>	<b>28.8</b>	<b>42.6</b>	<b>61.7</b>	<b>37.1</b>	<b>37.6</b>	<b>24.7</b>

NON-SPECIALIST CY25									
AN-SNAP class	Never in PTA	1 day	2-7 days	8-28 days	29-90 days	>90 days	PTA at dis.	Unable PTA	No PTA record
5AB1 (Bl. weighted FIM motor 59-91, FIM cog 27-35)	16.1	(n<5)	14.7	13.1	(n<5)	—	(n<5)	(n<5)	12.8
5AB2 (Bl. weighted FIM motor 19-58, FIM cog 27-35)	28.6	(n<5)	34.7	34.2	31.4	—	—	(n<5)	32.5
5AB3 (Bl. weighted FIM motor 50-91, FIM cog 19-26)	21.0	(n<5)	22.2	19.9	22.3	—	(n<5)	(n<5)	22.5
5AB4 (Bl. weighted FIM motor 19-49, FIM cog 19-26)	31.9	(n<5)	30.3	43.4	(n<5)	—	(n<5)	—	43.1
5AB5 (Bl. weighted FIM motor 39-91, FIM cog 5-18)	29.9	(n<5)	(n<5)	33.4	27.9	(n<5)	24.2	(n<5)	26.2
5AB6 (Bl. weighted FIM motor 19-38, FIM cog 5-18)	41.7	—	(n<5)	(n<5)	56.6	(n<5)	—	(n<5)	53.3
5AP1 (MMT, weighted FIM motor 51-91)	17.3	(n<5)	25.2	19.2	16.4	—	—	(n<5)	20.8
5AP2 (MMT, weighted FIM motor 19-50)	48.6	(n<5)	(n<5)	44.4	53.3	(n<5)	(n<5)	—	38.8
5AZ1 (Bl or MMT, age ≥ 59, weighted FIM motor 13-18)	28.2	(n<5)	(n<5)	—	(n<5)	(n<5)	(n<5)	(n<5)	23.1
5AZ2 (Bl or MMT, age ≤ 58, weighted FIM motor 13-18)	(n<5)	—	—	(n<5)	(n<5)	(n<5)	—	—	(n<5)
<b>All Brain AN-SNAP classes</b>	<b>26.6</b>	<b>28.7</b>	<b>26.0</b>	<b>24.7</b>	<b>37.0</b>	<b>42.7</b>	<b>23.0</b>	<b>19.3</b>	<b>27.8</b>

INCLUDES: first direct care admissions, valid LOS, valid FIM score, groupable AN-SNAP (not 599A)  
 DATA SUPPRESSION: when <5 episodes meet the inclusion criteria above, data is suppressed.



# Low FIM score summary report



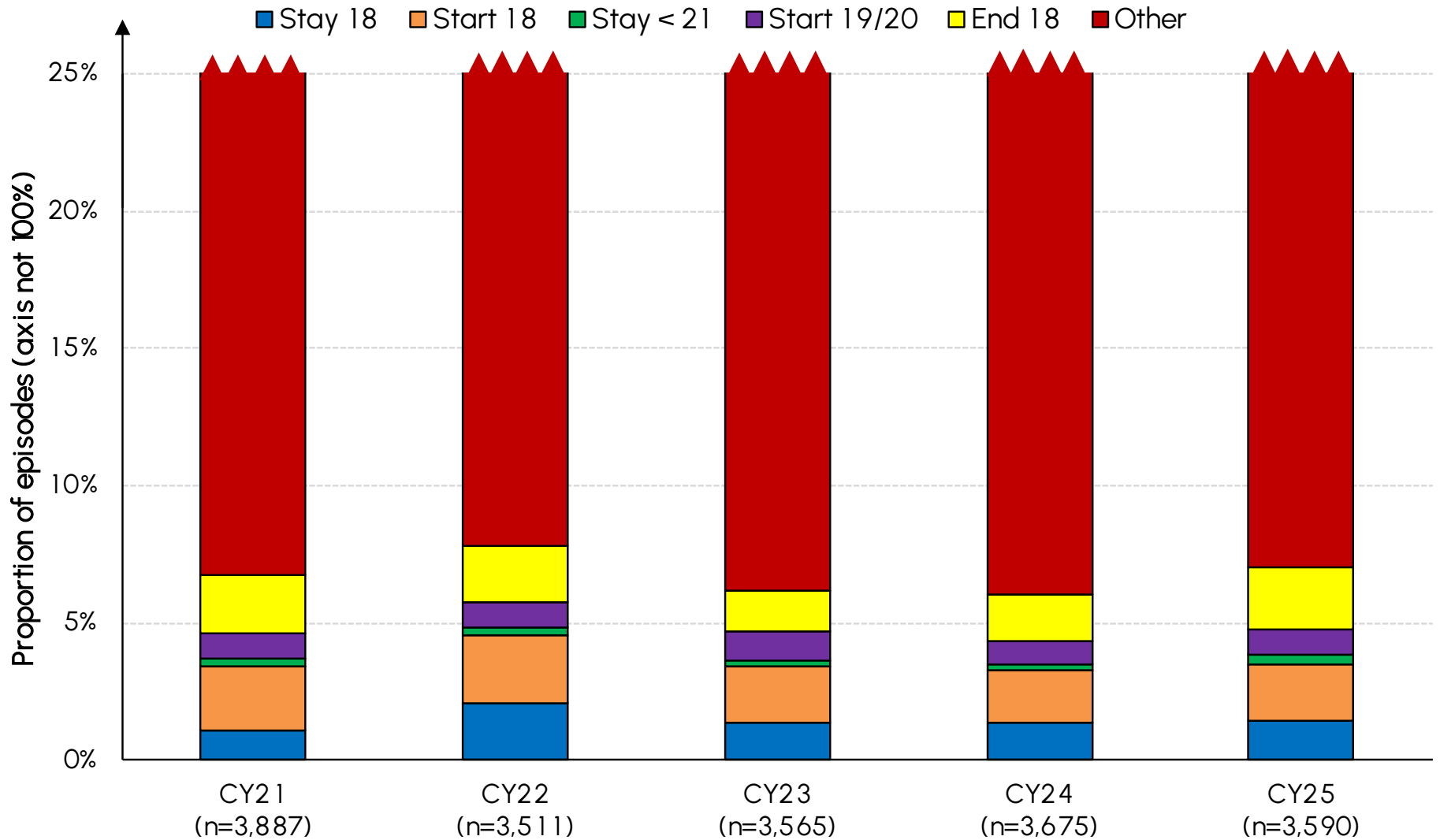
# Low FIM score category definitions

The Low FIM score 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 other FIM scores

All graphs in this section reflect **ALL** data (TBI and NTBI) for the current reporting period, unless otherwise specified.

# Low FIM score brain injury episodes over time

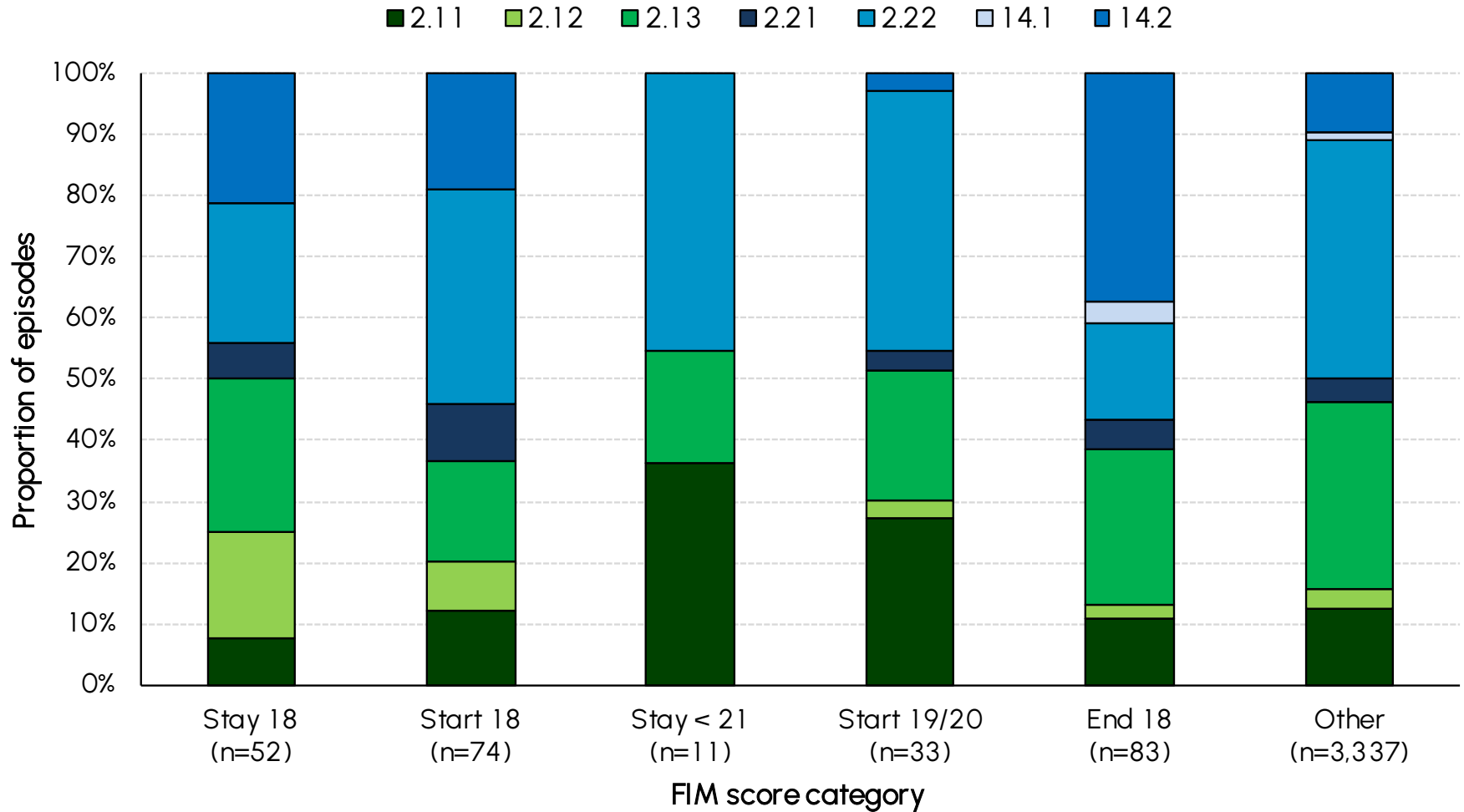


# Low FIM score brain injury episodes over time

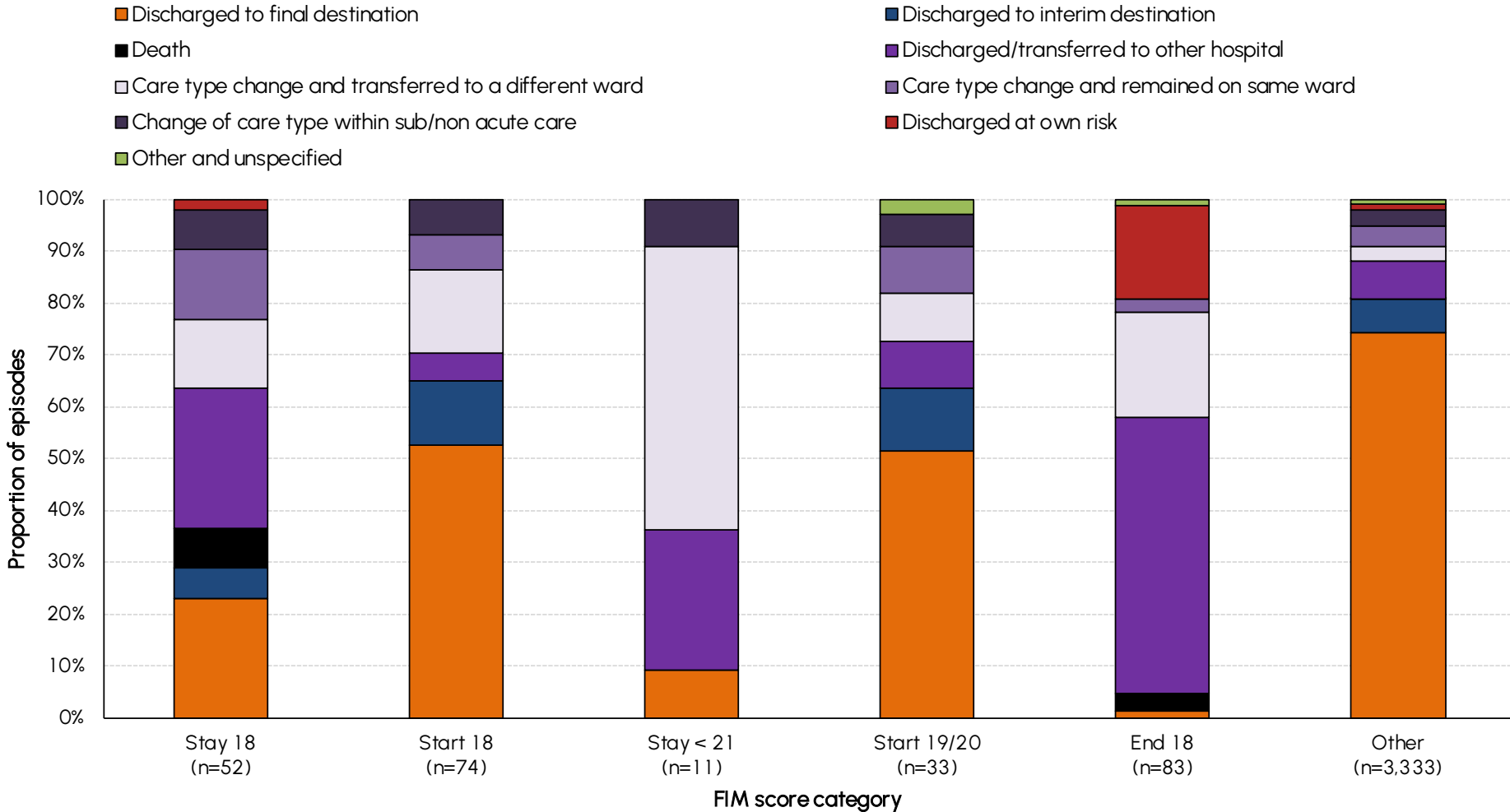
Year	Stay 18	Start 18	Stay < 21	Start 19/20	End 18	Other
<b>YOUR FACILITY</b>						
CY21	2	3	1	4	3	110
CY22	6	9	1	2	3	95
CY23	5	1	0	3	1	101
CY24	1	6	0	2	3	101
CY25	6	7	2	2	3	99
<b>SPECIALIST (ALL FACILITIES)</b>						
CY21	26	63	5	19	25	1,092
CY22	47	54	6	14	33	998
CY23	37	47	(n<5)	22	20	1,030
CY24	33	43	(n<5)	21	25	1,080
CY25	38	45	5	16	43	1,069
<b>NON-SPECIALIST (ALL FACILITIES)</b>						
			0	0		
CY21	17	26	6	19	56	2,533
CY22	27	32	(n<5)	17	40	2,239
CY23	12	26	5	17	32	2,315
CY24	17	27	5	11	38	2,372
CY25	14	29	6	17	40	2,268

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

# Low FIM score impairment code distribution



# Low FIM score mode of episode end

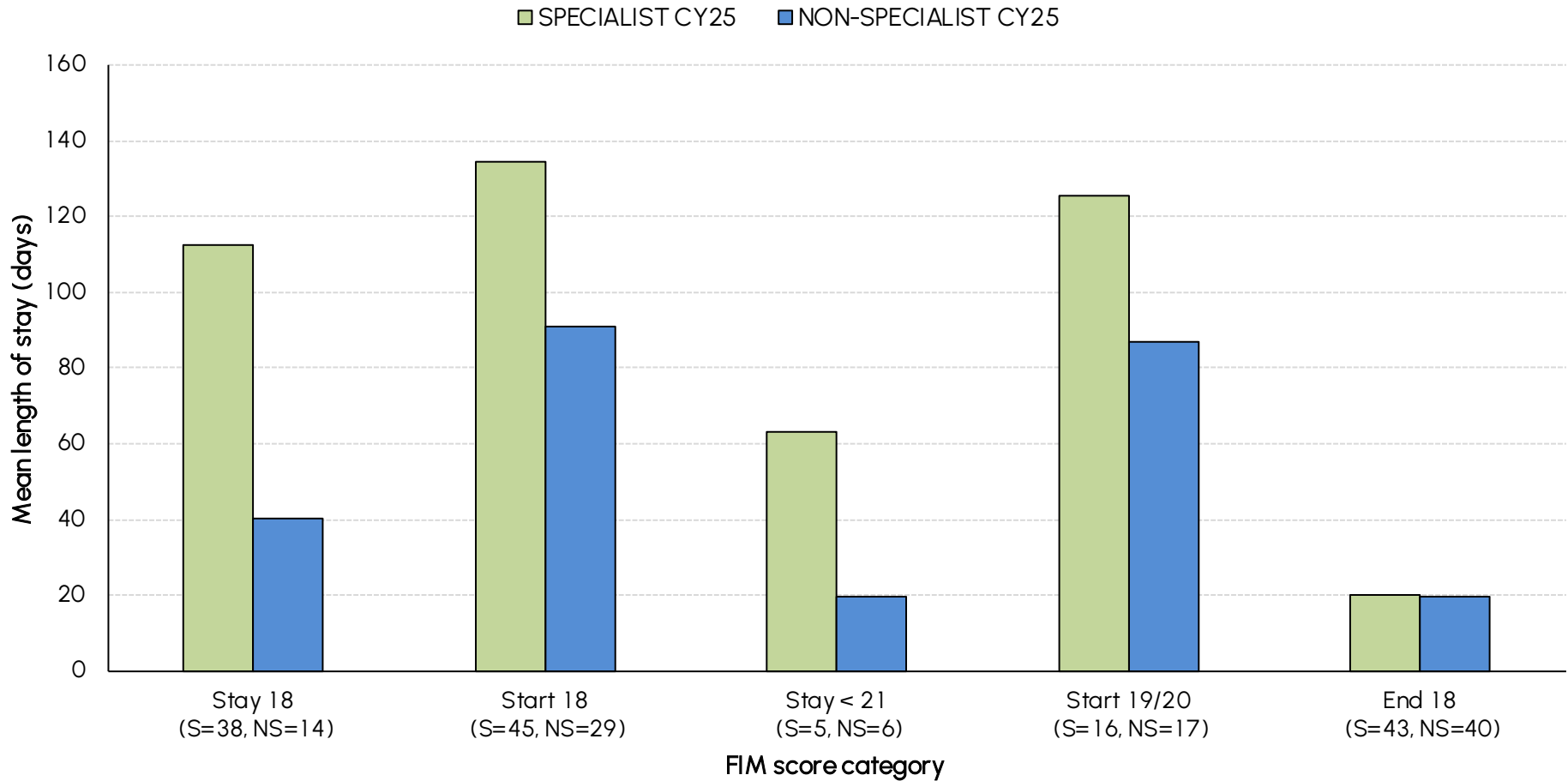


# Low FIM score mode of episode end

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	3	3	1	1	0	78
Discharged to interim destination	1	0	0	0	0	10
Death	0	0	0	0	0	0
Discharged/transferred to other hospital	0	0	0	1	2	4
Care type change and transferred to a different ward	1	2	1	0	0	2
Care type change and remained on same ward	1	0	0	0	0	0
Change of care type within sub/non acute care	0	2	0	0	0	1
Discharged at own risk	0	0	0	0	1	3
Other and unspecified	0	0	0	0	0	1
All episodes	6	7	2	2	3	99
<b>SPECIALIST CY25 (ALL FACILITIES)</b>						
Discharged to final destination	10	26	(n<5)	10	0	857
Discharged to interim destination	(n<5)	5	0	(n<5)	0	85
Death	(n<5)	0	0	0	0	0
Discharged/transferred to other hospital	10	0	0	(n<5)	25	34
Care type change and transferred to a different ward	5	7	(n<5)	0	5	22
Care type change and remained on same ward	(n<5)	(n<5)	0	(n<5)	0	13
Change of care type within sub/non acute care	(n<5)	5	0	0	0	16
Discharged at own risk	(n<5)	0	0	0	13	25
Other and unspecified	0	0	0	0	0	16
All episodes	38	45	5	16	43	1068
<b>NON-SPECIALIST CY25 (ALL FACILITIES)</b>						
Discharged to final destination	(n<5)	13	0	7	(n<5)	1616
Discharged to interim destination	0	(n<5)	0	(n<5)	0	133
Death	(n<5)	0	0	0	(n<5)	(n<5)
Discharged/transferred to other hospital	(n<5)	(n<5)	(n<5)	(n<5)	19	204
Care type change and transferred to a different ward	(n<5)	5	(n<5)	(n<5)	12	73
Care type change and remained on same ward	(n<5)	(n<5)	0	(n<5)	(n<5)	118
Change of care type within sub/non acute care	(n<5)	0	(n<5)	(n<5)	0	86
Discharged at own risk	0	0	0	0	(n<5)	17
Other and unspecified	0	0	0	(n<5)	(n<5)	14
All episodes	14	29	6	17	40	2265

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

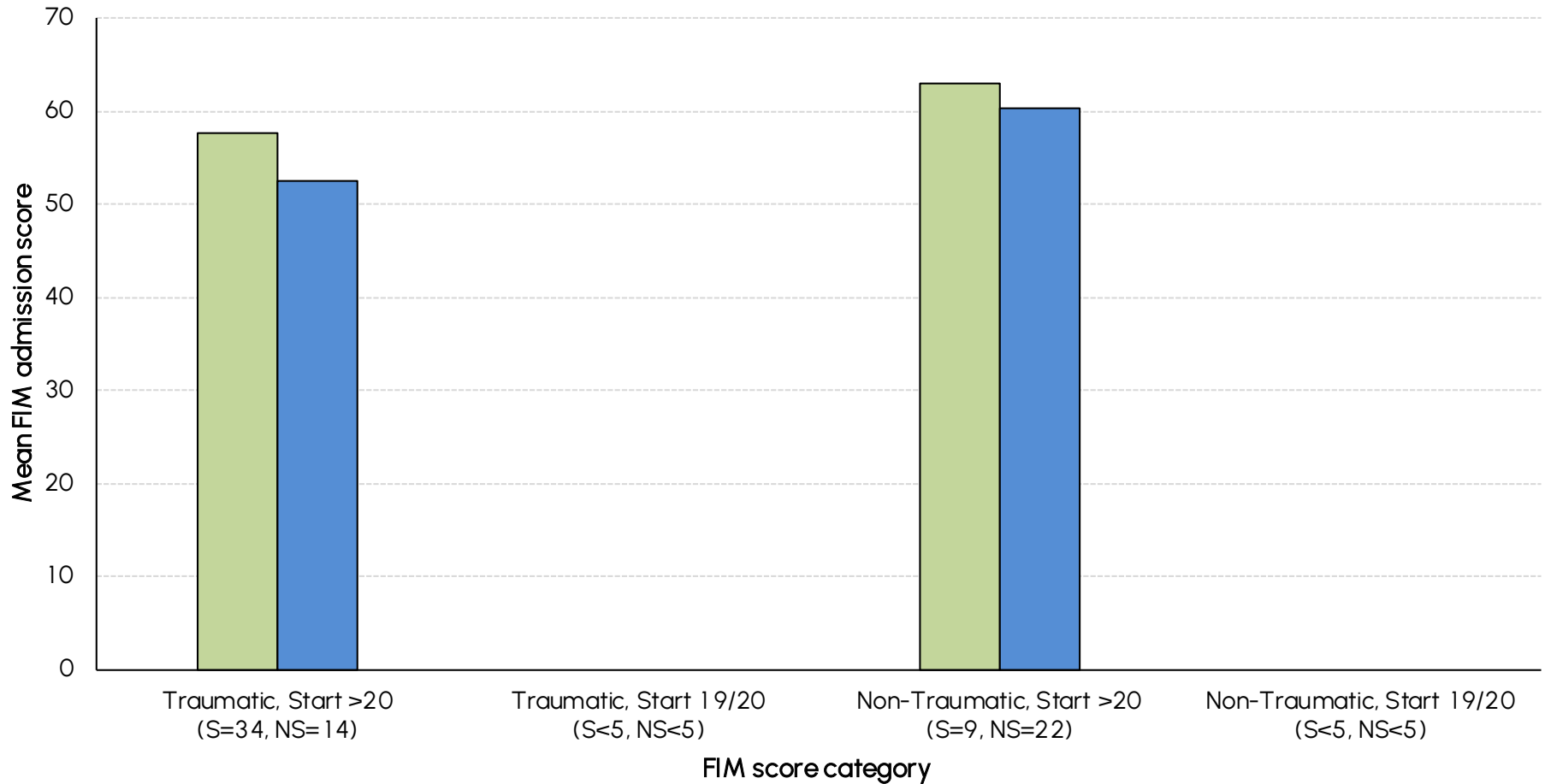
# Low FIM score mean length of stay



DATA SUPPRESSION: when <5 episodes data is suppressed  
 Note: S=Specialist episodes and NS=Non-Specialist episodes

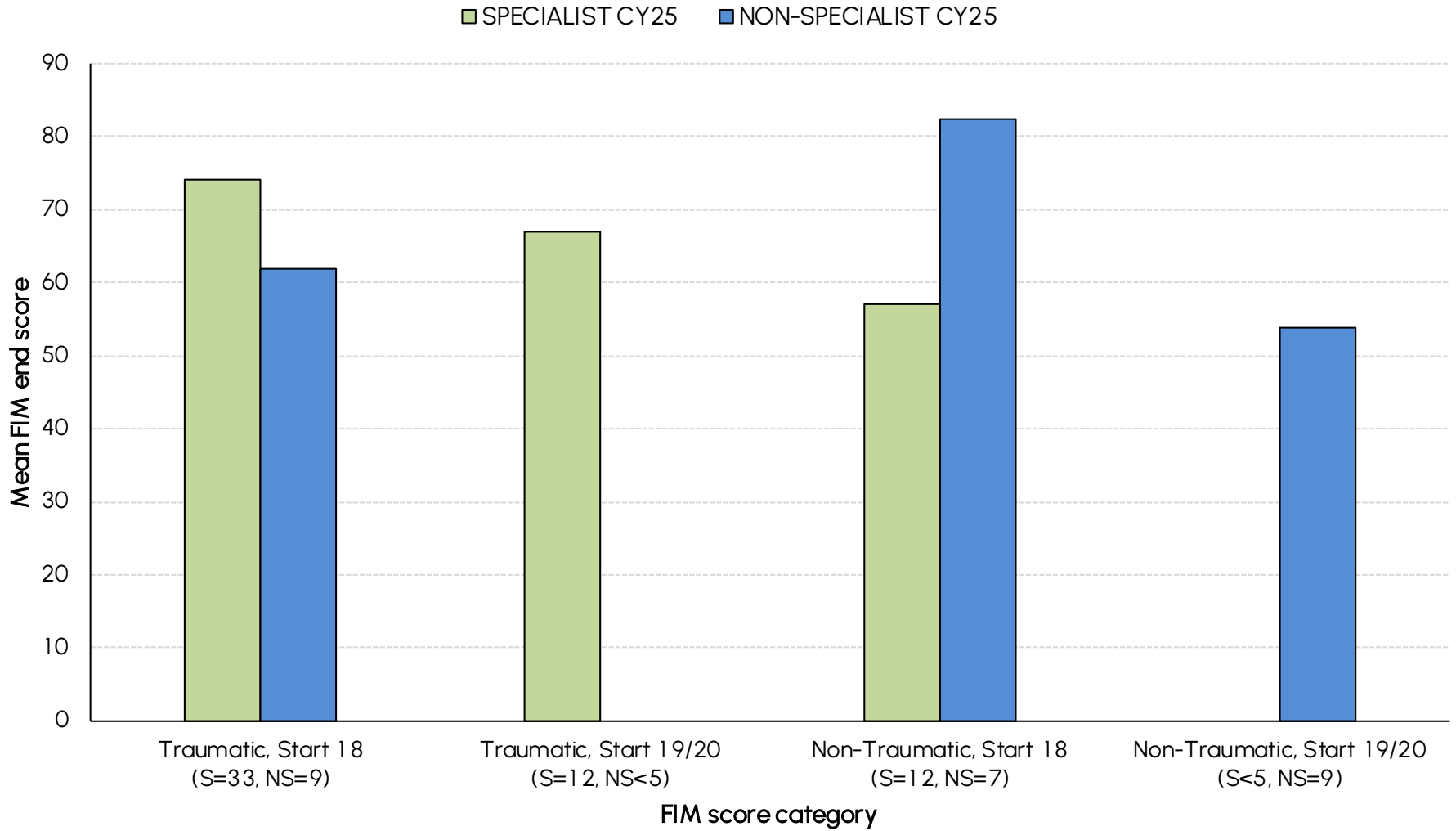
# Low FIM score mean FIM admission: episodes with end FIM = 18

■ SPECIALIST CY25   ■ NON-SPECIALIST CY25



DATA SUPPRESSION: when <5 episodes data is suppressed.  
 Note: S=Specialist episodes and NS=Non-Specialist episodes

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



DATA SUPPRESSION: when <5 episodes data is suppressed  
 Note: S=Specialist episodes and NS=Non-Specialist episodes

# 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

In Calendar Year 2015 new benchmark groups were introduced. With the exception of brain injury and spinal cord injury an episode's benchmark group is determined by the country of the submitting facility and can be either Australia or New Zealand. For episodes recorded as brain injury or spinal cord injury (or major multi trauma involving brain injury and/or spinal cord injury) the benchmark group is determined by first admission episodes reported by all specialist (brain/spinal) units in both Australia and New Zealand, calculated separately for traumatic and non-traumatic episodes. The benchmark data set is all episodes during the reporting period in the AROC database.

# 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 usual accommodation) or 2 (discharged to interim accommodation) AND total FIM score at episode end was greater than 18, or (B) the mode of episode end was 7 (change of care type within sub-acute/non-acute care) AND length of stay greater than 6 days.

# Appendix 1: Glossary

## Confidence interval for a mean

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

## COVID-19

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

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

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

## COVID-19 (cont.)

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

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

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

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

# Appendix 1: Glossary

## Data Concatenation

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

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

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

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

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

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

## Data completeness score

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

# Appendix 1: Glossary

## Functional Independence Measure (FIM)

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

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

## FIM change

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

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

## FIM efficiency

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

# Appendix 1: Glossary

## Impairment-specific weighted FIM motor scores

AN-SNAP V5, like Version 4, uses impairment-specific weighted FIM motor scores in the inpatient (admitted overnight adult) rehabilitation classes. Weights reflect the relative impact of each item on the cost of caring for the rehabilitation patient. If an item has a weight of more than 1, it will have an impact on the cost of care that is more than average – a weight less than 1 implies the impact will be less than average. Within each impairment type, the weights are scaled to sum to 13 – thus both weighted and unweighted scores range from a minimum of 13 to a maximum of 91. Where impairments are grouped together in the classification, a single set of weights for that group has been derived. The exception is the FIM motor item stairs where all weights were set to 1.

## Interquartile range (IQR)

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

## Length of stay (LOS)

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

## Mean

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

# Appendix 1: Glossary

## Mean or median - which to use?

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

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

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

## Median

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

# Appendix 1: Glossary

## Relative Functional Gain (RFG)

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

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

## Submitted versus reporting episodes

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

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

# Appendix 1: Glossary

## Valid FIM

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

## Valid LOS

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

## Version 4 data set

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

# Appendix 2: AROC Impairment Codes

## STROKE

### Haemorrhagic

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

### Ischaemic

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

## BRAIN INJURY

### Non-traumatic

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

### Traumatic

- 2.21 Open injury
- 2.22 Closed injury

## NEUROLOGICAL CONDITIONS

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

## SPINAL CORD INJURY

### Non traumatic spinal cord injury

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

### Traumatic spinal cord injury

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

## AMPUTATION OF LIMB

### Not resulting from trauma

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

## AMPUTATION OF LIMB

### Resulting from trauma

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

## ARTHRITIS

- 6.1 Rheumatoid arthritis
- 6.2 Osteoarthritis
- 6.9 Other arthritis

## PAIN SYNDROMES

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

# Appendix 2: AROC Impairment Codes

## ORTHOPAEDIC CONDITIONS

### Fractures (includes dislocation)

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

### Post Orthopaedic Surgery

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

### Soft tissue injury

- 8.3 Soft tissue injury

## CARDIAC

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

## PULMONARY

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

## BURNS

- 11 Burns

## CONGENITAL DISORDERS

- 12.1 Spina bifida
- 12.9 Other congenital disorder

## OTHER DISABLING IMPAIRMENTS

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

## MAJOR MULTIPLE TRAUMA

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

## DEVELOPMENTAL DISABILITIES

- 15.1 Developmental disabilities (excludes cerebral palsy)

## RE-CONDITIONING/RESTORATIVE

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

## COVID-19 CONDITIONS

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

# Appendix 3: AN-SNAP V5 Overnight 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

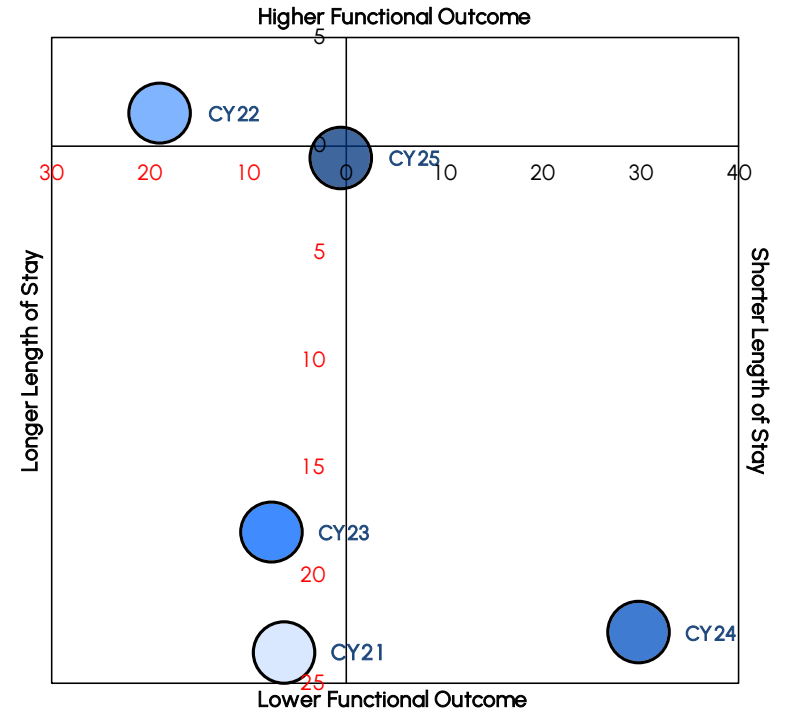
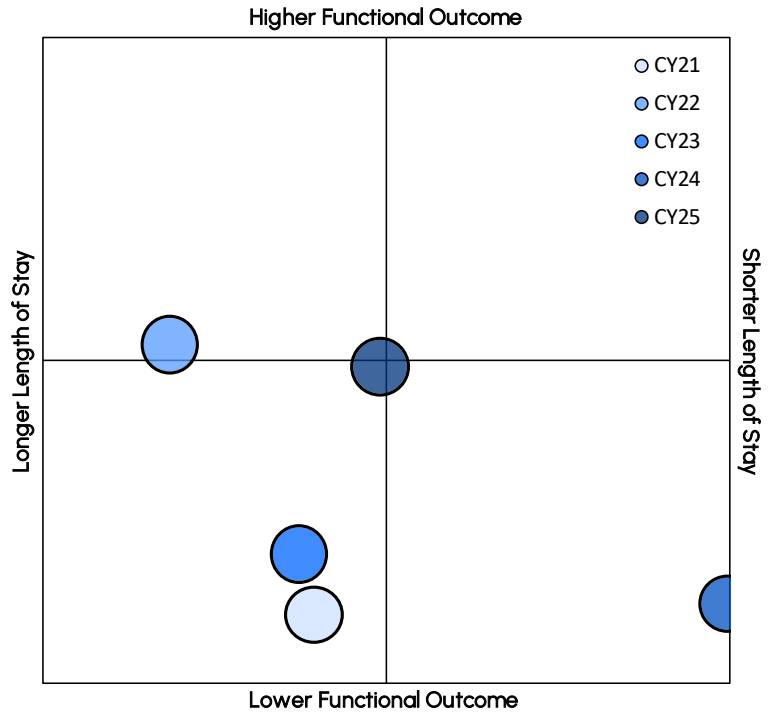
## Class Description of AN-SNAP Class

- 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).



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.

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  - The many staff from the rehabilitation facilities who have spent a great deal of time and care to collect, collate and correct the data, without whose considerable effort these reports would not be possible.
- **Disclaimer**

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

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