

AROC Ambulatory Report

1 January 2025 – 31 December 2025

Anywhere Hospital



**Australasian
Faculty of
Rehabilitation
Medicine**



**UNIVERSITY
OF WOLLONGONG
AUSTRALIA**

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Definition of ambulatory rehabilitation

- Starts with a multi-disciplinary assessment.
- Is multi-disciplinary, although all therapies may not necessarily be delivered concurrently.
- Is goal orientated – includes goal setting and review.
- The program of care is time limited.
- Is delivered in an ambulatory setting, either centre or community based.

Ambulatory rehabilitation may occur as:

- The continuation of an inpatient episode of rehabilitation.
- A rehabilitation program provided solely in an ambulatory setting.

AROC ambulatory data collection

- The AROC dataset includes items that relate specifically to evaluating the efficacy of ambulatory rehabilitation programs.
- Data is collected to reflect the program of rehabilitation, thus an 'episode' is defined by the initial and final service contact.
- The challenge in developing the dataset was to include an outcome tool that could best address the diverse range of service models and impairment groups represented in ambulatory rehabilitation, with a minimum burden on resources.
- The over-arching outcome tool included in the dataset is the Australian Modified Lawton's Instrumental Activities of Daily Living (IADL) scale. (see Appendix 1)
- Impairment or discipline specific outcomes tools have been added to the dataset to provide more outcome specificity by cohort. (see Appendix 4)
- V4.1 of the AROC dataset was introduced on 1 July 2017. (see Appendix 2)
- V4 AROC data items have been mapped to the V4.1 AROC dataset.

Ambulatory outcome measures

All impairments

- Australian Modified Lawton's IADL Scale

Stroke

- Upper Limb Motor Assessment Scale (if relevant)
- Timed 10 metre walk test (if relevant)
- Aphasia tool (specify tool used)

Brain Dysfunction

- Mayo - Portland Adaptability Inventory - 4 (MPAI-4)

Orthopaedic conditions

- Timed 10 metre walk test

Reconditioning

- de Morton Mobility Index (DEMMI)

Amputation of limb

- Timed up and go
- 6 minute walk test (optional)
- Timed 10 metre walk test (optional)

Revised V5 Ambulatory Data Set

AROC is pleased to announce we have completed the revision of the AROC Ambulatory Dataset. This revision has been informed by the combination of a comprehensive literature review, last year's binational audit of outcome measures in current use across ambulatory rehabilitation services and a Delphi study, involving clinicians and subject matter experts, who considered **condition-specific outcome measures** (clinician-reported and patient reported) for inclusion into routine collection in ambulatory rehabilitation.

A key change to the AROC Ambulatory Dataset is the replacement of the **Australian Modified Lawton's IADL Scale** with the **EQ-5D-5L** as the core outcome measure collected for all patients. The revised AROC Ambulatory Dataset now includes **condition-specific outcome measures** determined by the individual's rehabilitation goals and the condition for which rehabilitation is being delivered, to better capture recovery trajectories across diverse patient groups and to support more tailored clinical decision-making.

This revision represents an important step in strengthening outcome monitoring for ambulatory rehabilitation services. Further information, including updated data collection forms, training materials, and implementation resources, will be provided ahead of the official launch of the revised dataset.

For more information about the changes to the AROC Ambulatory Dataset please send your questions to AROC at aroc@uow.edu.au.

- Demographic and episode start information is reported for all episodes.
- An episode is considered "complete" for the purpose of calculating outcome statistics in this report when mode of episode end is discharged to final or interim destination.
- Outcome measures are based on completed episodes, as defined above, however the volume of reported data may be further reduced if data items are missing.

Interpretation of results

- This descriptive report includes analysis of data that has been collected by your service, and the combined submitted data of all participating ambulatory rehabilitation services.
- Where the number of episodes is provided on a figure axis, these refer to the number of episodes from your facility for that category for the current reporting period
- Where sufficient data for an impairment group is available (≥ 5), AROC provides comparison analysis.
- The data presented in this report represents a small proportion of all ambulatory rehabilitation services and models of service delivery. Interpretation of these results must be made with care.

Completeness of data reported

Number of episodes submitted each month to AROC by

Anywhere Hospital

Do these numbers look like a complete year was submitted?

	N episodes
Month	
January	11
February	12
March	15
April	15
May	18
June	16
July	14
August	15
September	21
October	20
November	16
December	11
Full year	184

Completeness of data reported

AROC core data set items	Item collected	
	N	%
Path	184	100.0
Facility code	184	100.0
Facility name	184	100.0
Ward code ¹	148	80.4
Ward name ¹	142	77.2
MRN	184	100.0
Letters of name	184	100.0
Date of birth	184	100.0
DOB estimate flag	184	100.0
Sex	184	100.0
Indigenous status	183	99.5
Geographical residence	184	100.0
Postcode	184	100.0
Episode begin date	184	100.0
Episode end date	184	100.0
Funding source	184	100.0
Health fund/other payer	99	99.0
NDIS	163	88.6
Referral date	183	99.5
Impairment code	184	100.0
Onset date &/or time since onset	178	96.7
Relevant inpatient episode date	179	97.3
Episode begin reason	182	98.9
First direct care episode	182	98.9
Interpreter required	182	98.9
Date of multi-disciplinary rehab plan	180	97.8
Accommodation prior to episode	184	100.0
Carer status prior to episode	181	100.0
Employment status prior to episode	182	98.9
Accommodation during episode	181	98.4
Carer status during episode	171	99.4
Existing comorbidity interfering with rehab	181	98.4
— Comorbidities identified	50	100.0

AROC core data set items	Item collected	
	N	%
Cognitive impairment impacting rehab	179	97.3
Episode end reason	181	98.4
Final accommodation – episode end	174	100.0
Carer status – episode end	169	99.4
Employment status after discharge	55	29.9 ←
Return to pre-impairment activities	175	95.1
Days seen	159	86.4
Occasions of service	159	86.4
Disciplines involved in therapy	179	97.3
Lawton's start date	182	98.9
Lawton's start items	182	98.9
Lawton's end date	170	92.4
Lawton's end items	176	95.7
GAS start date ¹	2	1.1
GAS start scores ¹	5	2.7
GAS end date ¹	2	1.1
GAS end scores ¹	6	3.3

Impairment specific items

Stroke	N	%
— Rehab aimed at upper limb function	26	72.2 ←
— Rehab aimed at gait retraining	25	69.4 ←
— Rehab aimed at aphasia	25	69.4 ←
— ULMAS start date	4	66.7 ←
— ULMAS start scores	4	66.7 ←
— ULMAS end date	3	50.0 ←
— ULMAS end scores	3	50.0 ←
— Timed ten metre walk start date	5	31.3 ←
— Timed ten metre walk test on admission	3	18.8 ←
— Timed ten metre walk end date	4	25.0 ←
— Timed ten metre walk test on discharge	2	12.5 ←

AROC impairment specific Items	Item collected	
	N	%
Brain injury*	5	
— MPAI4 start date	4	80.0 ←
— MPAI4 start scores	4	80.0 ←
— MPAI4 end date	2	40.0 ←
— MPAI4 end scores	2	40.0 ←
Spinal cord injury*	3	
— Injury start level	2	66.7 ←
Reconditioning	23	
— DEMMI start date	17	73.9 ←
— DEMMI start scores	17	73.9 ←
— DEMMI end date	12	52.2 ←
— DEMMI end scores	12	52.2 ←
Amputation of limb	5	
— Phase of care at episode start	5	100.0
— Phase of care during episode	5	100.0
— Phase of care at episode end	5	100.0
— Prosthetic device fitted	3	60.0 ←
— Casting date ²	2	66.7
— Date of first prosthetic fitting ²	2	66.7
— Reason for delay in fitting ²	2	66.7
— Timed up and go test	5	100.0
— Six min walk test ¹	5	100.0
— Ten metre walk test ¹	3	60.0

Orthopaedic conditions

	N	%
— Timed ten metre walk start date	69	76.7 ←
— Timed ten metre walk test on admission	69	76.7 ←
— Timed ten metre walk end date	68	77.3 ←
— Timed ten metre walk test on discharge	68	77.3 ←

*Also includes MMT that contain this impairment

Overall data completeness score **82.7**

NOTE: AROC can provide case listings of missing data to assist with updating.

(1) These data items are optional to collect

(2) Not included in overall data completeness score

The following section provides demographic data. These data are presented at service and national levels.

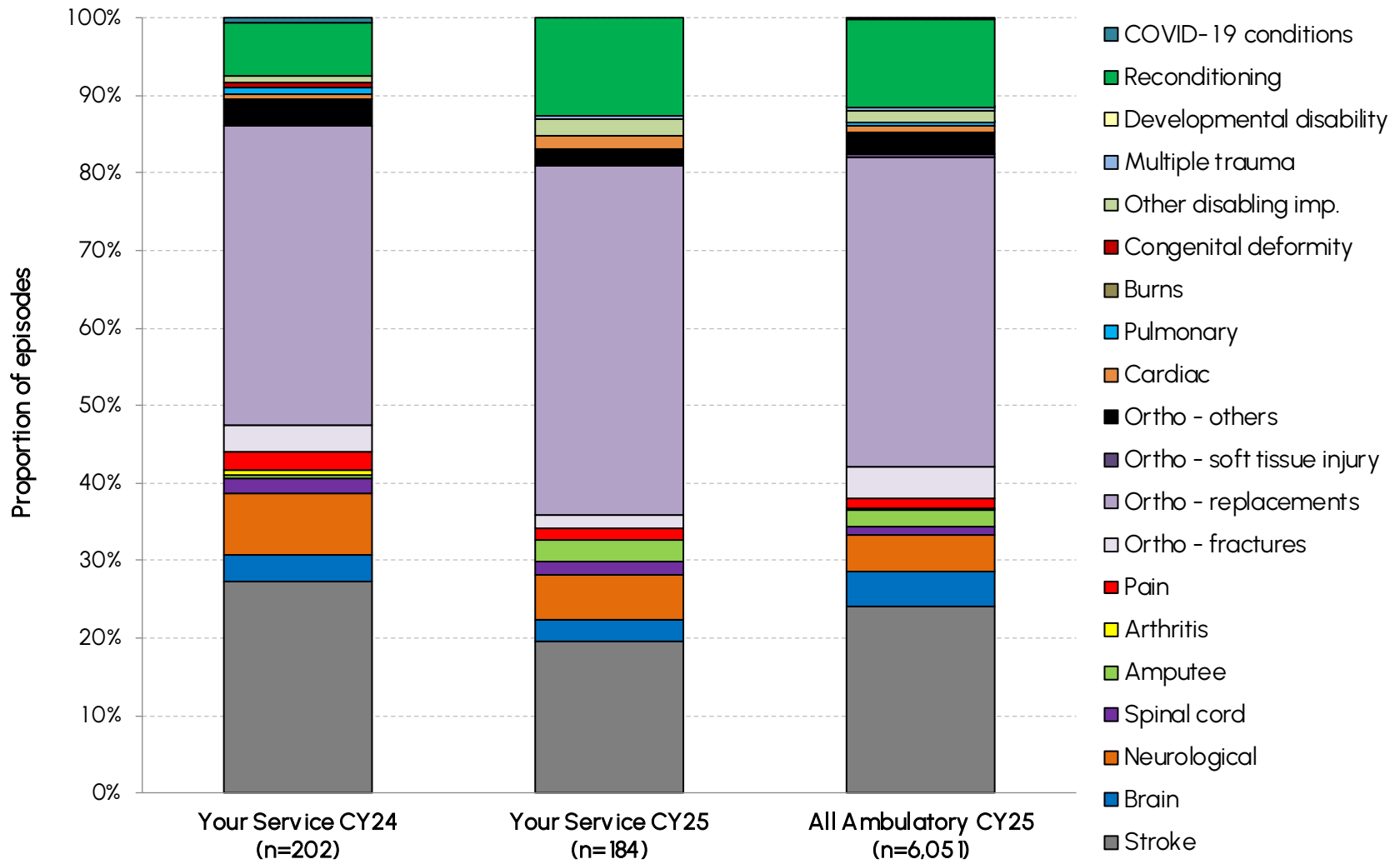
Such data are useful to provide context to the more detailed analysis of rehabilitation outcomes, but in themselves are not impacted by clinical practice.

Distribution of services and episodes

	Public		Private		All Ambulatory	
	N	%	N	%	N	%
Facilities						
New South Wales	3	9.7	9	29.0	12	38.7
Victoria	0	—	0	—	0	—
Queensland	1	3.2	6	19.4	7	22.6
South Australia	8	25.8	0	—	8	25.8
Western Australia	1	3.2	0	—	1	3.2
Tasmania	0	—	0	—	0	—
Australian territories	0	—	1	3.2	1	3.2
NZ	2	6.5			2	6.5
Total	15	48.4	16	51.6	31	100.0

Episodes						
New South Wales	196	3.2	1,992	32.8	2,188	36.1
Victoria	0	—	0	—	0	—
Queensland	331	5.5	514	8.5	845	13.9
South Australia	1,636	27.0	0	—	1,636	27.0
Western Australia	163	2.7	0	—	163	2.7
Tasmania	0	—	0	—	0	—
Australian territories	0	—	627	10.3	627	10.3
NZ	607	10.0			607	10.0
Total	2,933	48.4	3,133	51.6	6,066	100.0

Episodes by impairment group



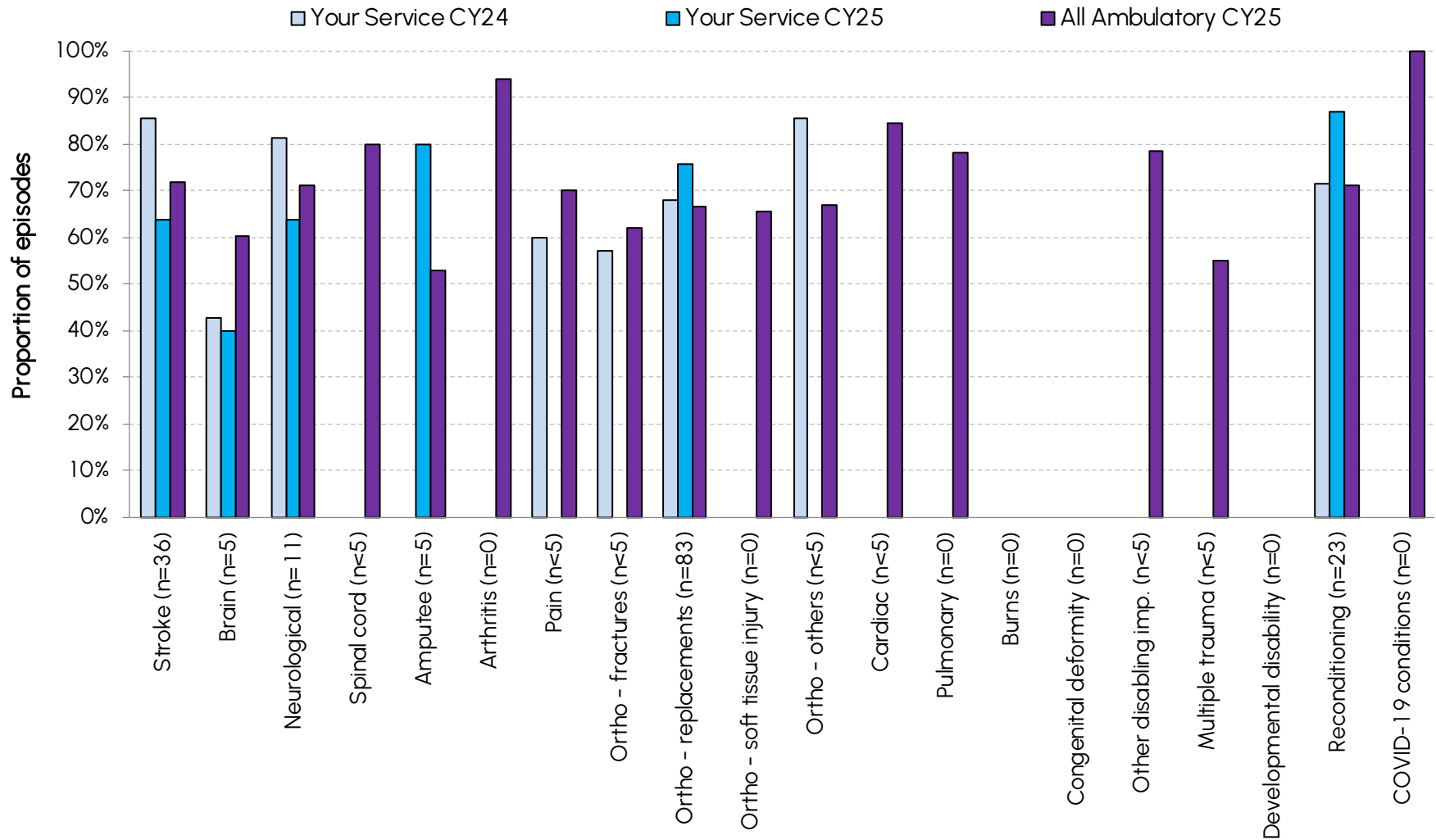
NOTE: Includes episodes where a valid impairment code is given. For a full list of impairment codes please refer to Appendix 4

Episodes by impairment group

Impairment group	Your Service CY24		Your Service CY25		All Ambulatory CY25	
	N	%	N	%	N	%
Stroke	55	27.2	36	19.6	1,460	24.1
Brain	7	3.5	5	2.7	269	4.4
Neurological	16	7.9	11	6.0	290	4.8
Spinal cord	4	2.0	3	1.6	65	1.1
Amputee	1	0.5	5	2.7	123	2.0
Arthritis	1	0.5	0	—	17	0.3
Pain	5	2.5	3	1.6	74	1.2
Ortho - fractures	7	3.5	3	1.6	245	4.0
Ortho - replacements	78	38.6	83	45.1	2,423	40.0
Ortho - soft tissue injury	0	—	0	—	29	0.5
Ortho - others	7	3.5	4	2.2	170	2.8
Cardiac	1	0.5	3	1.6	45	0.7
Pulmonary	2	1.0	0	—	32	0.5
Burns	0	—	0	—	(n<5)	—
Congenital deformity	1	0.5	0	—	0	—
Other disabling imp.	2	1.0	4	2.2	84	1.4
Multiple trauma	0	—	1	0.5	29	0.5
Developmental disability	0	—	0	—	(n<5)	—
Reconditioning	14	6.9	23	12.5	686	11.3
COVID-19 conditions	1	0.5	0	—	8	0.1
Missing or excluded	0		0		15	
All episodes	202	100.0	184	100.0	6,066	100.0

NOTE: For a full list of impairment codes please refer to Appendix 4

First direct care rehabilitation episode by impairment group



NOTE: Includes episodes where a valid impairment code is given. For a full list of impairment codes please refer to Appendix 4

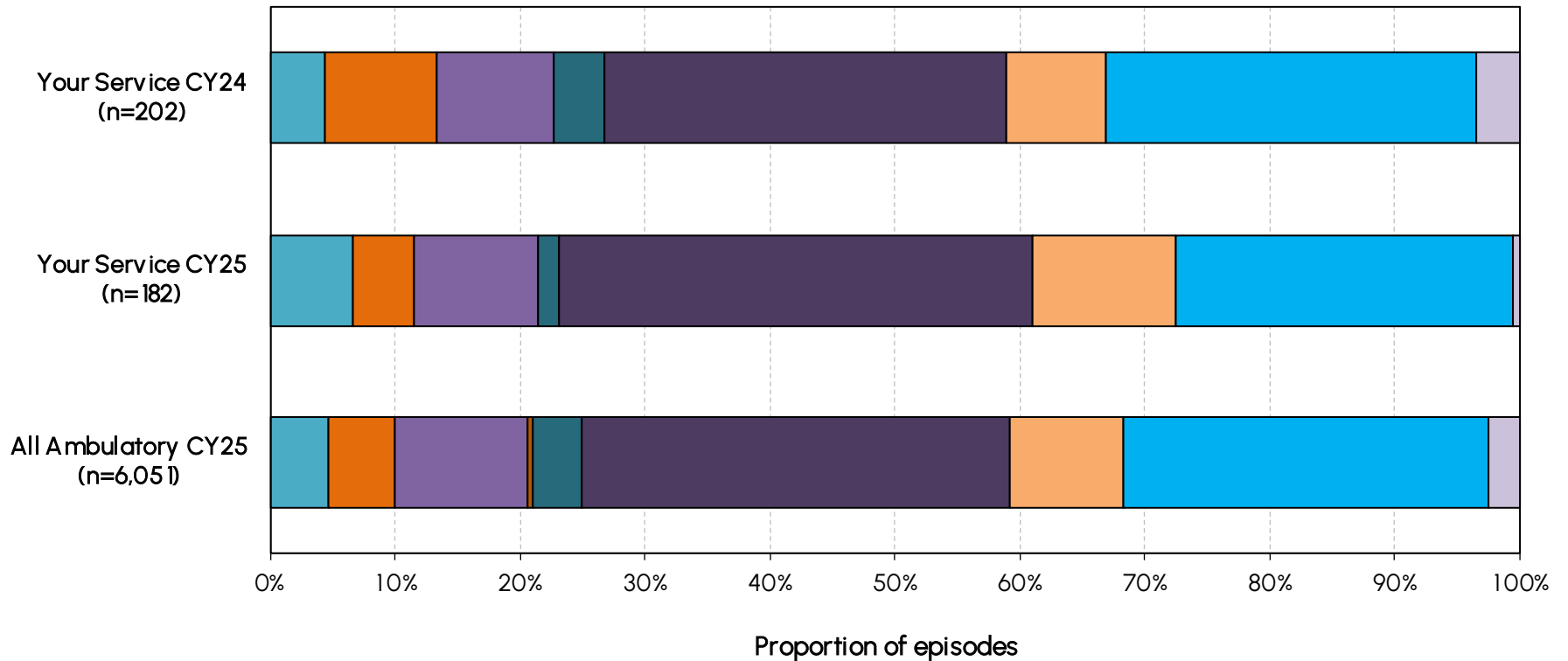
DATA SUPPRESSION: when <5 episodes data is suppressed

First direct care rehabilitation episode by impairment group

Impairment group	Your Service CY24				Your Service CY25				All Ambulatory CY25			
	N	Primary admission	Subsequent admission	Missing	N	Primary admission	Subsequent admission	Missing	N	Primary admission	Subsequent admission	Missing
Stroke	55	47	8	0	36	23	11	2	1,460	1,048	404	8
Brain	7	3	4	0	5	2	3	0	269	162	104	(n<5)
Neurological	16	13	3	0	11	7	4	0	290	206	84	0
Spinal cord	4	1	3	0	3	3	0	0	65	52	13	0
Amputee	1	1	0	0	5	4	1	0	123	65	57	(n<5)
Arthritis	1	1	0	0	0	0	0	0	17	16	(n<5)	0
Pain	5	3	2	0	3	2	1	0	74	52	22	0
Ortho - fractures	7	4	3	0	3	2	1	0	245	152	92	(n<5)
Ortho - replacements	78	53	25	0	83	63	20	0	2,423	1,616	807	0
Ortho - soft tissue injury	0	0	0	0	0	0	0	0	29	19	10	0
Ortho - others	7	6	1	0	4	3	1	0	170	114	55	(n<5)
Cardiac	1	1	0	0	3	3	0	0	45	38	7	0
Pulmonary	2	2	0	0	0	0	0	0	32	25	7	0
Burns	0	0	0	0	0	0	0	0	(n<5)	0	(n<5)	0
Congenital deformity	1	1	0	0	0	0	0	0	0	0	0	0
Other disabling imp.	2	2	0	0	4	3	1	0	84	66	18	0
Multiple trauma	0	0	0	0	1	0	1	0	29	16	13	0
Developmental disability	0	0	0	0	0	0	0	0	(n<5)	(n<5)	0	0
Reconditioning	14	10	4	0	23	20	3	0	686	488	190	8
COVID-19 conditions	1	1	0	0	0	0	0	0	8	8	0	0
Missing or excluded	0				0				15			
All episodes	202	149	53	0	184	135	47	2	6,066	4,144	1,885	22

Proportion of episodes by mode of episode start

- Referred by GP
- Referred directly from specialist rooms
- Referred from acute specialist unit
- Referred from acute inpatient care different hospital
- Referred from sub-acute care different service
- Referred by therapist
- Referred from ED
- Referred from acute inpatient care same hospital
- Referred from sub-acute care same service

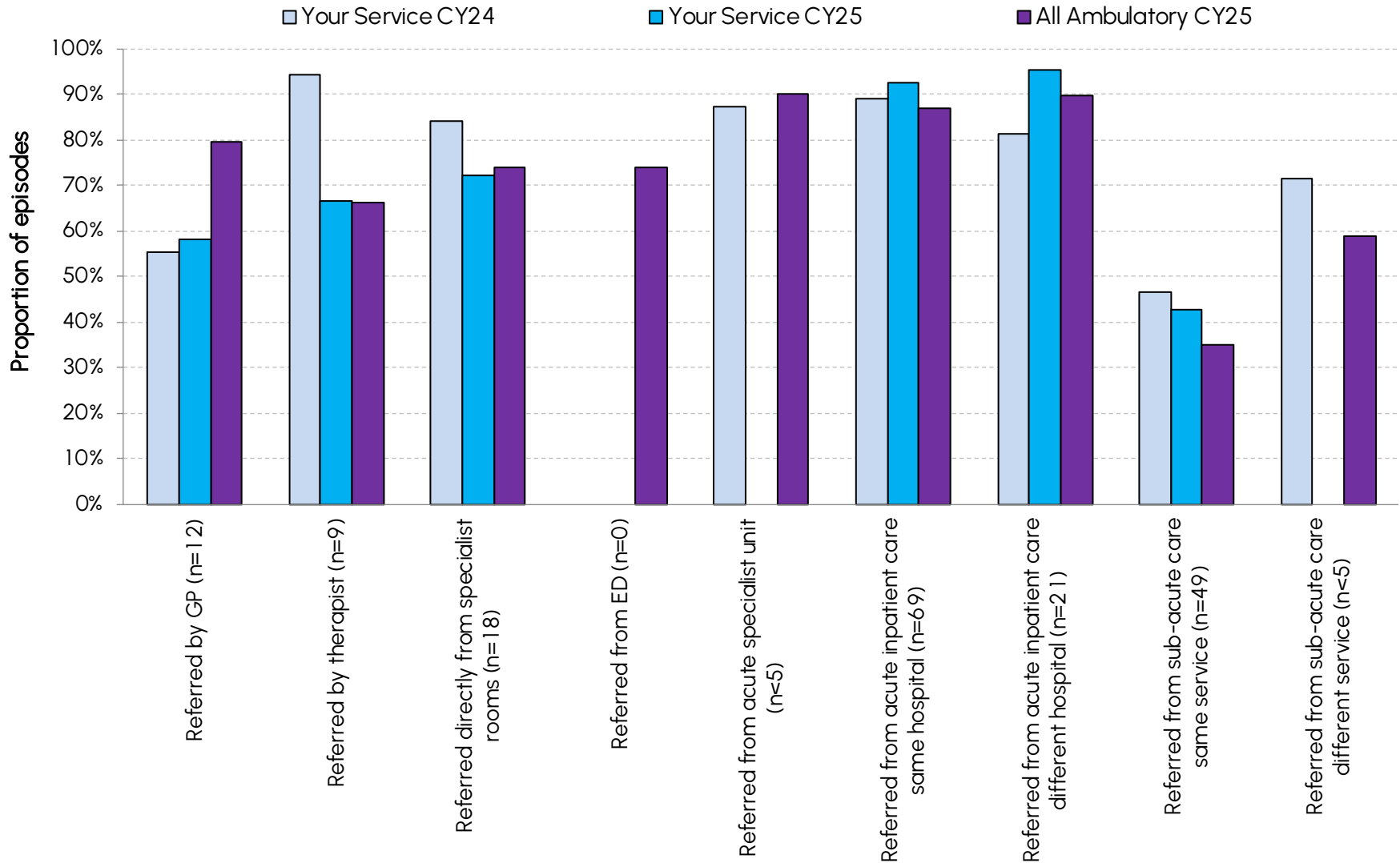


NOTE: Includes episodes where a valid mode of episode start is given.

Summary of episodes by mode of episode start

Mode of episode start	Your Service CY24		Your Service CY25		All Ambulatory CY25	
	N	%	N	%	N	%
Referred by GP	9	4.5	12	6.6	285	4.7
Referred by therapist	18	8.9	9	4.9	317	5.2
Referred directly from specialist rooms	19	9.4	18	9.9	647	10.7
Referred from ED	0	—	0	—	27	0.4
Referred from acute specialist unit	8	4.0	3	1.6	233	3.9
Referred from acute inpatient care same hospital	65	32.2	69	37.9	2,071	34.2
Referred from acute inpatient care different hospital	16	7.9	21	11.5	550	9.1
Referred from sub-acute care same service	60	29.7	49	26.9	1,770	29.3
Referred from sub-acute care different service	7	3.5	1	0.5	151	2.5
Missing	0		2		15	
All episodes	202	100	184	100	6,066	100

Proportion of first direct care rehabilitation episodes by mode of episode start



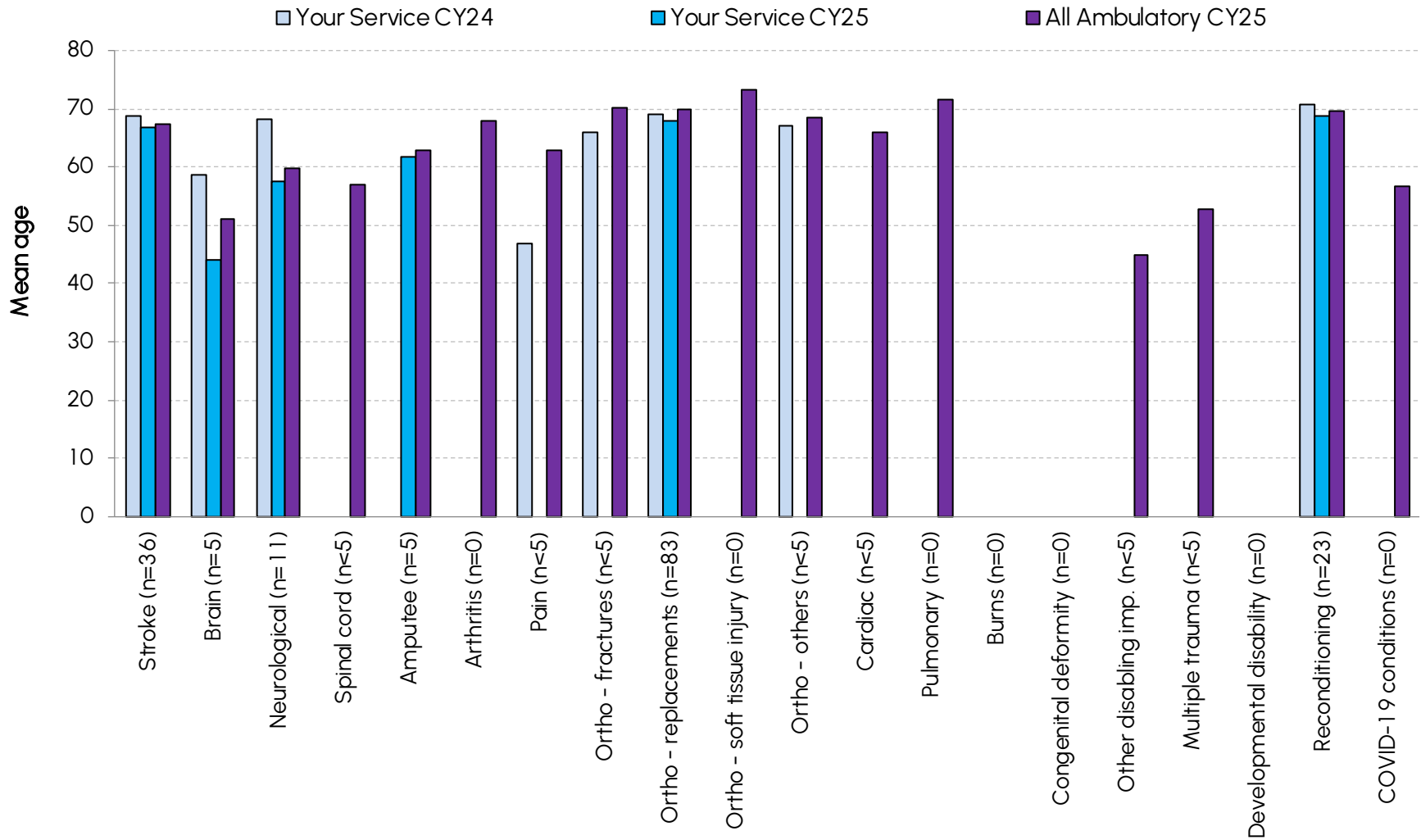
NOTE: Includes episodes where a valid mode of episode start and first direct care rehabilitation are given.

DATA SUPPRESSION: when <5 episodes data is suppressed

Summary of first direct care rehabilitation episodes by mode of episode start

Mode of episode start	Your Service CY24				Your Service CY25				All Ambulatory CY25			
	N	Primary admission	Subsequent admission	Missing	N	Primary admission	Subsequent admission	Missing	N	Primary admission	Subsequent admission	Missing
Referred by GP	9	5	4	0	12	7	5	0	285	227	58	0
Referred by therapist	18	17	1	0	9	6	3	0	317	210	107	0
Referred directly from specialist rooms	19	16	3	0	18	13	5	0	647	478	167	(n<5)
Referred from ED	0	0	0	0	0	0	0	0	27	20	6	(n<5)
Referred from acute specialist unit	8	7	1	0	3	3	0	0	233	210	23	0
Referred from acute inpatient care same hospital	65	58	7	0	69	64	5	0	2,071	1,804	265	(n<5)
Referred from acute inpatient care different hospital	16	13	3	0	21	20	1	0	550	494	56	0
Referred from sub-acute care same service	60	28	32	0	49	21	27	1	1,770	620	1,143	7
Referred from sub-acute care different service	7	5	2	0	1	1	0	0	151	89	61	(n<5)
Missing	0	0	0	0	2	0	1	1	15	(n<5)	(n<5)	10
All episodes	202	149	53	0	184	135	47	2	6,066	4,154	1,889	23

Age by impairment group



NOTE: Includes episodes with valid impairment code, valid date of birth, valid episode start date and calculated age 15-110 years old. For a full list of impairment codes please refer to Appendix 4

DATA SUPPRESSION: when <5 episodes data is suppressed

Age by impairment group

Impairment group	Your Service CY24			Your Service CY25			All Ambulatory CY25		
	N	Mean age	(95% CI)	N	Mean age	(95% CI)	N	Mean age	(95% CI)
Stroke	55	68.7	(65.6 – 71.9)	36	66.7	(62.8 – 70.6)	1,453	67.3	(66.6 – 68.0)
Brain	7	58.7	(44.6 – 72.8)	5	44.0	(25.2 – 62.8)	267	51.1	(49.0 – 53.2)
Neurological	16	68.3	(59.7 – 76.8)	11	57.6	(46.5 – 68.8)	288	59.9	(57.9 – 61.8)
Spinal cord	4	56.8	(46.5 – 67.0)	3	49.3	(35.2 – 63.5)	65	57.0	(52.7 – 61.2)
Amputee	1	61.0		5	61.6	(49.5 – 73.7)	123	62.7	(60.3 – 65.2)
Arthritis	1	62.0		0	—		17	67.8	(58.6 – 77.1)
Pain	5	46.8	(27.1 – 66.5)	3	79.7	(66.6 – 92.8)	74	62.9	(58.4 – 67.5)
Ortho - fractures	7	65.9	(47.3 – 84.4)	3	48.0	(7.8 – 88.2)	245	70.2	(68.5 – 71.8)
Ortho - replacements	78	69.0	(66.6 – 71.5)	83	68.0	(65.7 – 70.3)	2,421	69.8	(69.4 – 70.1)
Ortho - soft tissue injury	0	—		0	—		29	73.2	(69.3 – 77.2)
Ortho - others	7	67.1	(57.7 – 76.5)	4	65.3	(52.4 – 78.1)	170	68.3	(66.3 – 70.4)
Cardiac	1	23.0		3	66.7	(57.5 – 75.8)	44	65.9	(62.0 – 69.7)
Pulmonary	2	73.0	(67.1 – 78.9)	0	—		32	71.5	(68.4 – 74.7)
Burns	0	—		0	—		n<5	—	
Congenital deformity	1	30.0		0	—		n<5	—	
Other disabling imp.	2	41.5	(30.7 – 52.3)	4	32.8	(17.9 – 47.6)	84	45.0	(41.3 – 48.7)
Multiple trauma	0	—		1	58.0		29	52.8	(45.1 – 60.4)
Developmental disability	0	—		0	—		n<5	—	
Reconditioning	14	70.6	(64.4 – 76.9)	23	68.6	(62.2 – 75.0)	686	69.6	(68.6 – 70.7)
COVID-19 conditions	1	41.0		0	—		8	56.8	(46.7 – 66.8)
Missing or excluded	1			0			37		
All episodes	202	66.8	(64.8 – 68.8)	184	65.1	(62.9 – 67.2)	6,066	67.0	(66.7 – 67.4)

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

DATA SUPPRESSION: when <5 episodes summary data is suppressed for your service and all data is suppressed for All Ambulatory

NDIS funding status at episode end

Episode source	Your Service CY24		Your Service CY25		All Ambulatory CY25 (AU)	
	N	%	N	%	N	%
Accepted - on a plan	6	3.4	9	5.5	205	3.8
Accepted - waiting	1	0.6	0	—	25	0.5
Awaiting eligibility determination	1	0.6	4	2.5	164	3.0
Eligible - hasn't applied	8	4.5	6	3.7	154	2.9
Eligible - NDIS not yet available in the region	1	0.6	1	0.6	9	0.2
Not eligible / not relevant	160	90.4	143	87.7	4,837	89.7
Missing	25		21		65	
All episodes (AU)	202		184		5,459	

Note: NDIS is only collected in Australia and excludes episodes not recorded there

Staff type by impairment group

Percentage of patients receiving treatment from this staff type Your Service CY25	Physiotherapist	Hydrotherapist	Occupational Therapist	Exercise Physiologist	Therapy Aide	Medical Officer	Registered Nurse	Enrolled Nurse	Speech Pathologist	Social Worker	Dietician	Psychologist	Neuro-psychologist	Other Staff Type
Impairment group														
Stroke (n=34)	76.5	2.9	82.4	17.6	35.3	14.7	11.8	0.0	58.8	23.5	14.7	8.8	2.9	29.4
Brain (n=4)	100.0	0.0	75.0	25.0	50.0	50.0	0.0	0.0	50.0	75.0	25.0	50.0	0.0	100.0
Neurological (n=11)	90.9	18.2	72.7	36.4	36.4	45.5	9.1	0.0	27.3	18.2	0.0	18.2	0.0	18.2
Spinal cord (n=3)	100.0	33.3	100.0	33.3	33.3	0.0	33.3	0.0	0.0	33.3	0.0	0.0	0.0	66.7
Amputee (n=5)	100.0	0.0	100.0	80.0	40.0	40.0	60.0	0.0	0.0	80.0	20.0	40.0	0.0	60.0
Arthritis (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pain (n=3)	100.0	0.0	100.0	0.0	100.0	66.7	0.0	0.0	33.3	33.3	33.3	0.0	0.0	33.3
Ortho - fractures (n=2)	100.0	50.0	100.0	50.0	50.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0
Ortho - replacements (n=83)	96.4	44.6	81.9	34.9	44.6	24.1	6.0	6.0	0.0	2.4	0.0	0.0	0.0	2.4
Ortho - soft tissue injury (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ortho - others (n=3)	100.0	33.3	100.0	33.3	33.3	33.3	33.3	0.0	0.0	33.3	0.0	0.0	0.0	33.3
Cardiac (n=3)	33.3	0.0	100.0	100.0	0.0	0.0	33.3	0.0	33.3	33.3	66.7	0.0	0.0	33.3
Pulmonary (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Burns (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Congenital deformity (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other disabling imp. (n=4)	75.0	0.0	75.0	50.0	50.0	50.0	25.0	25.0	25.0	25.0	0.0	0.0	0.0	75.0
Multiple trauma (n=1)	100.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0
Developmental disability (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Reconditioning (n=23)	95.7	8.7	69.6	73.9	39.1	30.4	8.7	0.0	21.7	26.1	30.4	13.0	0.0	21.7
COVID-19 conditions (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—

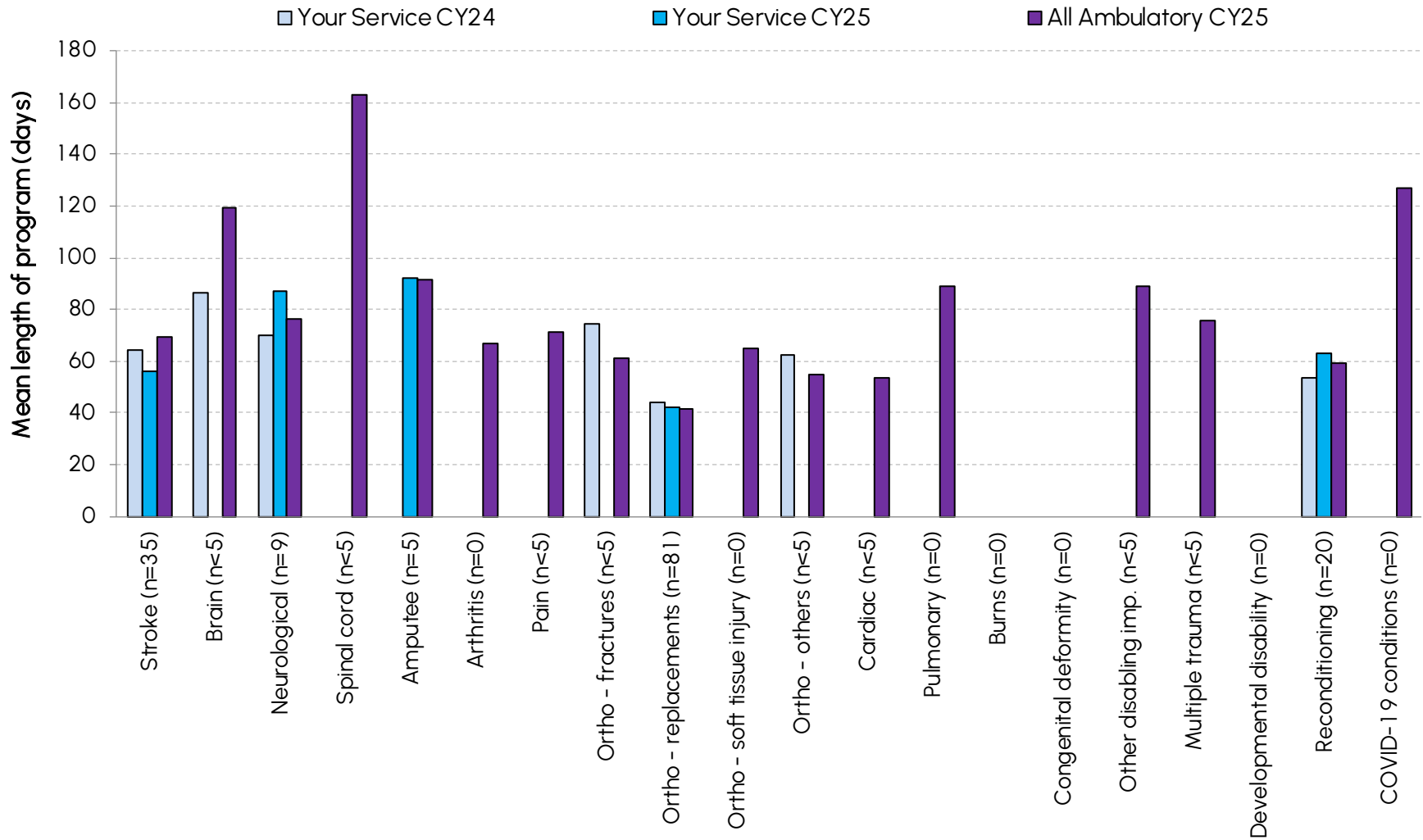
NOTE: Includes episodes where a valid impairment code and staff type are given. For a full list of impairment codes please refer to Appendix 4

Outcome measures – All impairments

The following section presents analysis of each of the following elements:

- Episode length
- Occasions of service
- Employment status
- Independence outcomes
- Lawton's score outcomes

Length of program by impairment group



INCLUDES: completed episodes where a valid impairment code and valid episode begin and end dates are given, and length of program between 7-365 days. For a full list of impairment codes please refer to Appendix 4

DATA SUPPRESSION: when <5 episodes data is suppressed

Length of program by impairment group

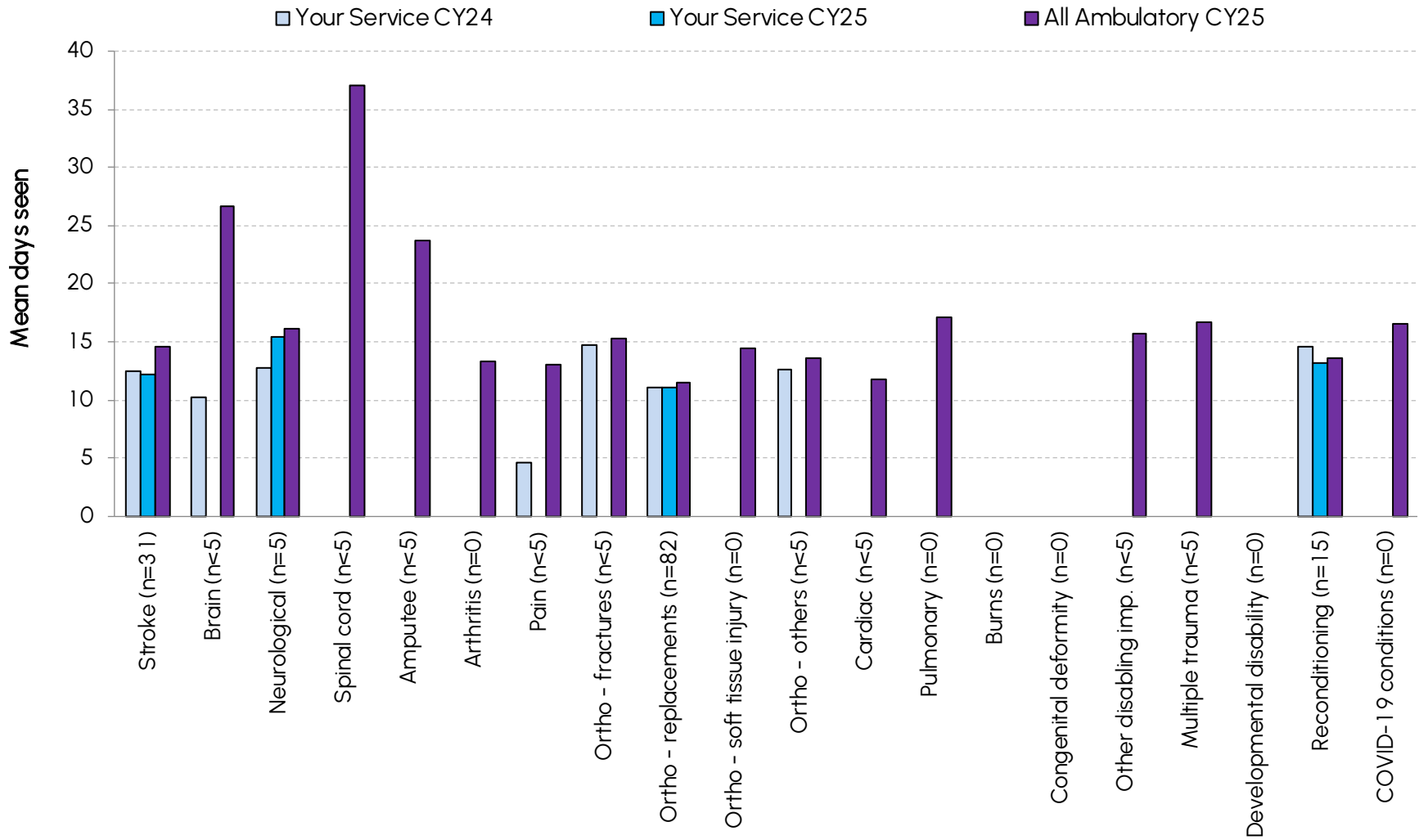
Impairment group	Your Service CY24			Your Service CY25			All Ambulatory CY25		
	N	Mean LOP	Trimmed data range*	N	Mean LOP	Trimmed data range*	N	Mean LOP	Trimmed data range*
Stroke	53	64.0	(14 – 183)	35	56.3	(11 – 133)	1,380	69.1	(16 – 168)
Brain	6	86.5		2	—		245	119.3	(28 – 257)
Neurological	16	70.3		9	86.9		261	76.1	(28 – 163)
Spinal cord	3	—		3	—		49	162.9	(37 – 364)
Amputee	1	—		5	92.2		103	91.4	(28 – 192)
Arthritis	0	—		0	—		15	67.1	
Pain	2	—		3	—		63	71.3	(21 – 138)
Ortho - fractures	7	74.7		3	—		225	61.0	(28 – 115)
Ortho - replacements	75	43.9	(23 – 79)	81	42.0	(21 – 81)	2,366	41.4	(20 – 75)
Ortho - soft tissue injury	0	—		0	—		26	64.7	(26 – 164)
Ortho - others	7	62.7		3	—		157	55.0	(21 – 110)
Cardiac	1	—		3	—		43	53.4	(25 – 96)
Pulmonary	2	—		0	—		30	89.1	(42 – 154)
Burns	0	—		0	—		(n<5)	—	
Congenital deformity	1	—		0	—		0	—	
Other disabling imp.	2	—		4	—		80	89.2	(28 – 240)
Multiple trauma	0	—		1	—		28	76.0	(36 – 169)
Developmental disability	0	—		0	—		(n<5)	—	
Reconditioning	13	53.4		20	62.9	(30 – 111)	611	59.3	(24 – 126)
COVID-19 conditions	0	—		0	—		7	126.9	
Missing or excluded	13			12			382		
All episodes	202	57.5	(21 – 146)	184	59.6	(21 – 140)	6,066	61.2	(20 – 147)

INCLUDES: completed episodes where valid episode begin and end dates are given, and length of program between 7-365 days.

DATA SUPPRESSION: when <5 episodes summary data is suppressed for your service and all data is suppressed for All Ambulatory

NOTE *: Trimmed data range includes only the middle 90% of data and shown where at least 20 episodes are given.

Days seen by impairment group



INCLUDES: completed episodes where a valid impairment code is given and days seen recorded and greater than 0 days. For a full list of impairment codes please refer to Appendix 4
 DATA SUPPRESSION: when <5 episodes data is suppressed

Days seen by impairment group

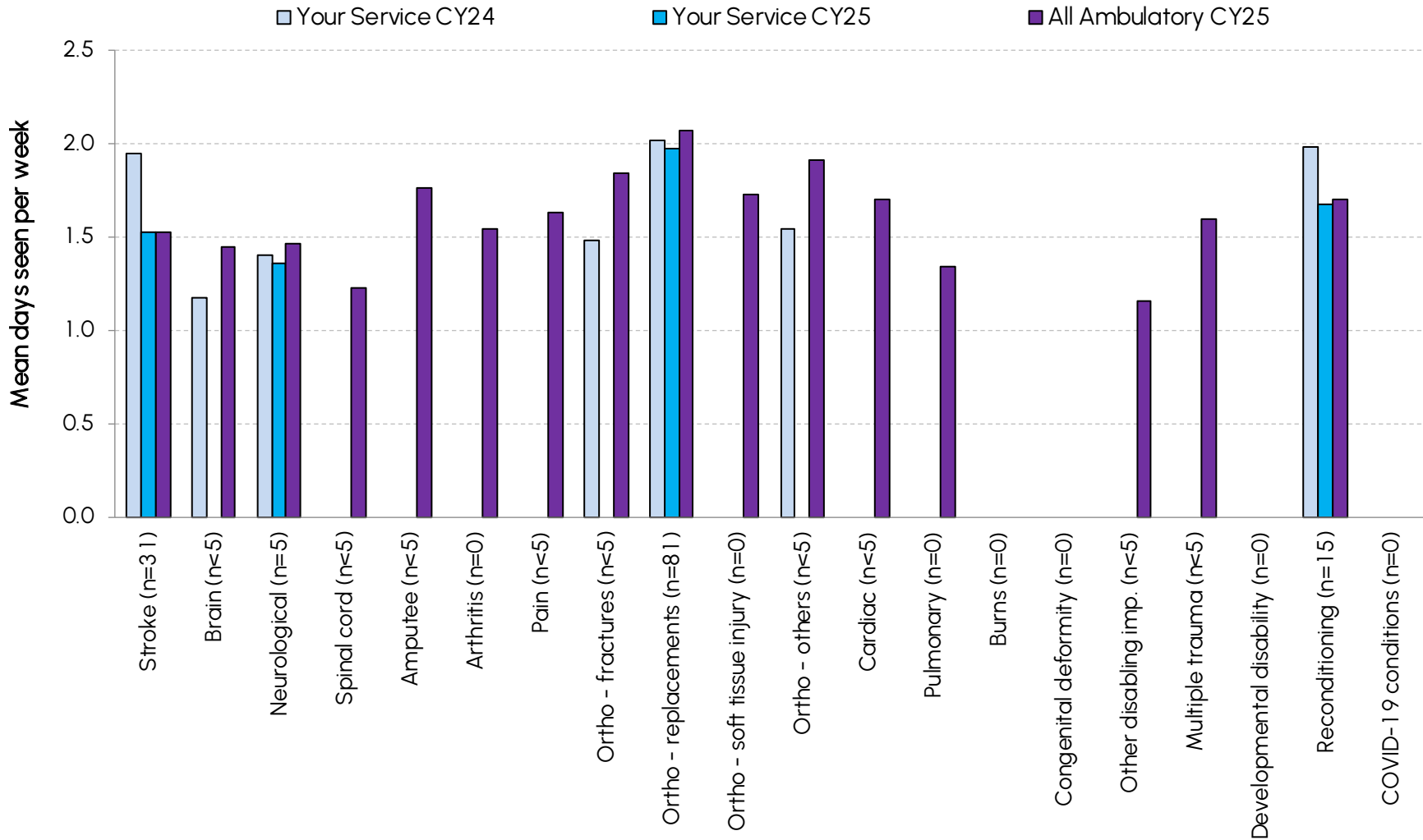
Impairment group	Your Service CY24			Your Service CY25			All Ambulatory CY25		
	N	Mean days seen	Trimmed data range*	N	Mean days seen	Trimmed data range*	N	Mean days seen	Trimmed data range*
Stroke	44	12.5	(4 – 33)	31	12.2	(3 – 35)	1,149	14.6	(2 – 37)
Brain	7	10.3		3	—		221	26.6	(4 – 75)
Neurological	14	12.7		5	15.4		178	16.1	(4 – 37)
Spinal cord	3	—		2	—		43	37.0	(10 – 119)
Amputee	0	—		2	—		48	23.7	(7 – 73)
Arthritis	0	—		0	—		14	13.3	
Pain	5	4.6		3	—		68	13.1	(1 – 28)
Ortho - fractures	6	14.7		2	—		186	15.3	(6 – 26)
Ortho - replacements	76	11.1	(5 – 19)	82	11.1	(6 – 19)	2,376	11.5	(5 – 19)
Ortho - soft tissue injury	0	—		0	—		24	14.4	(8 – 22)
Ortho - others	7	12.6		3	—		144	13.7	(6 – 24)
Cardiac	1	—		2	—		28	11.8	(7 – 20)
Pulmonary	2	—		0	—		29	17.0	(6 – 31)
Burns	0	—		0	—		0	—	
Congenital deformity	0	—		0	—		0	—	
Other disabling imp.	2	—		2	—		54	15.6	(3 – 31)
Multiple trauma	0	—		1	—		16	16.7	
Developmental disability	0	—		0	—		(n<5)	—	
Reconditioning	10	14.6		15	13.2		499	13.6	(5 – 24)
COVID-19 conditions	0	—		0	—		(n<5)	—	
Missing or excluded	25			31			988		
All episodes	202	12.3	(3 – 23)	184	13.9	(5 – 32)	6,066	13.6	(4 – 30)

INCLUDES: completed episodes where days seen is given, and greater than 0 days.

DATA SUPPRESSION: when <5 episodes summary data is suppressed for your service and all data is suppressed for All Ambulatory

NOTE *: Trimmed data range includes only the middle 90% of data and shown where at least 20 episodes are given.

Days seen per elapsed week by impairment group



INCLUDES: completed episodes where a valid impairment code is given and days seen recorded and greater than 0 days. For a full list of impairment codes please refer to Appendix 4
 DATA SUPPRESSION: when <5 episodes data is suppressed

Days seen per elapsed week by impairment group

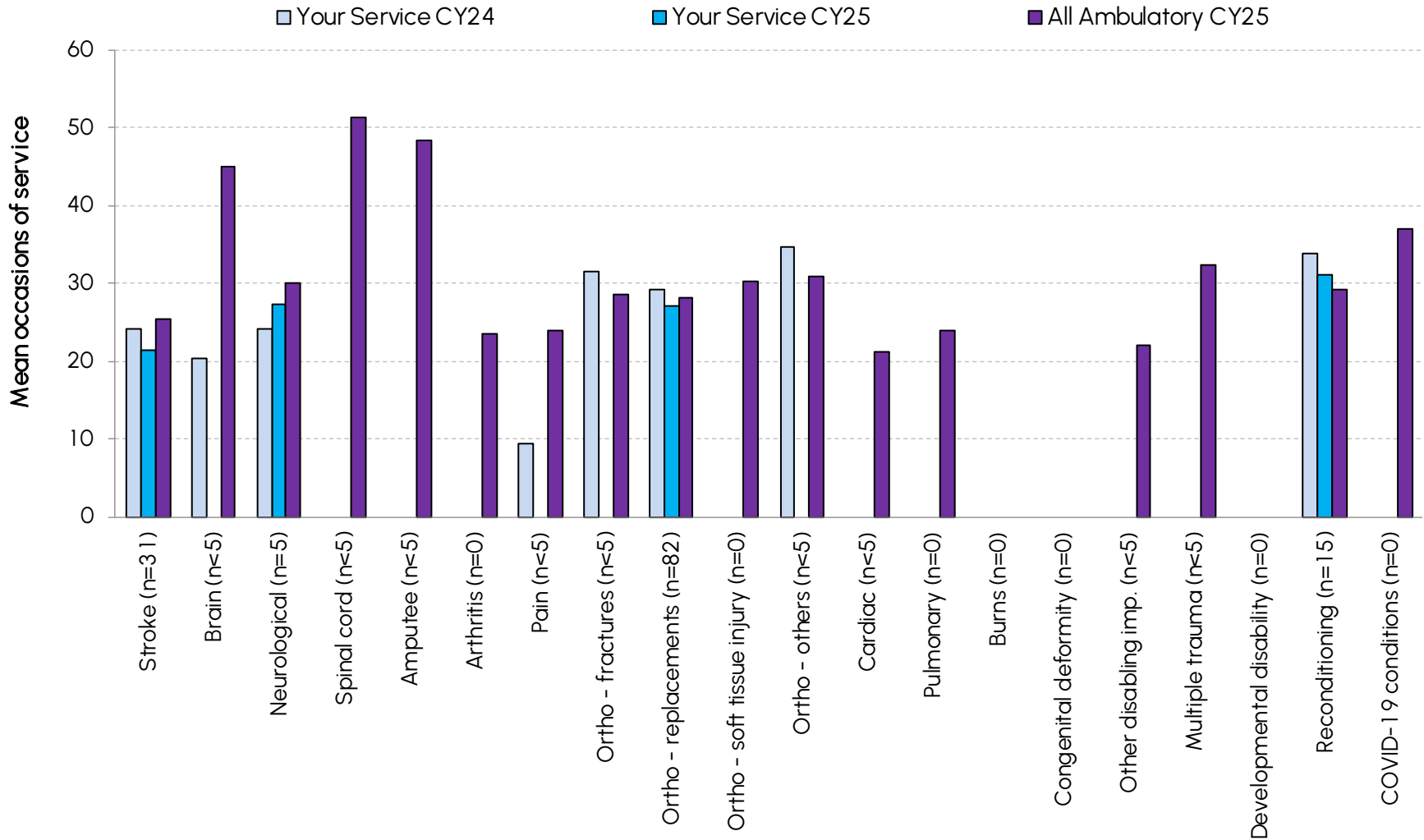
Impairment group	Your Service CY24			Your Service CY25			All Ambulatory CY25		
	Mean days		Trimmed data range*	Mean days		Trimmed data range*	Mean days		Trimmed data range*
	N	seen per week		N	seen per week		N	seen per week	
Stroke	44	1.9	(0.6 – 3.2)	31	1.5	(0.5 – 3.2)	1,129	1.5	(0.4 – 2.9)
Brain	6	1.2		2	—		214	1.4	(0.5 – 2.9)
Neurological	14	1.4		5	1.4		175	1.5	(0.5 – 2.8)
Spinal cord	2	—		2	—		34	1.2	(0.3 – 2.5)
Amputee	0	—		2	—		45	1.8	(0.5 – 2.8)
Arthritis	0	—		0	—		14	1.5	
Pain	2	—		3	—		58	1.6	(0.8 – 2.5)
Ortho - fractures	6	1.5		2	—		184	1.8	(0.8 – 2.9)
Ortho - replacements	75	2.0	(1.0 – 3.1)	81	2.0	(1.2 – 3.0)	2,352	2.1	(1.2 – 3.0)
Ortho - soft tissue injury	0	—		0	—		24	1.7	(1.3 – 2.2)
Ortho - others	7	1.5		3	—		141	1.9	(1.0 – 2.9)
Cardiac	1	—		2	—		28	1.7	(1.0 – 2.3)
Pulmonary	2	—		0	—		29	1.3	(0.8 – 2.1)
Burns	0	—		0	—		0	—	
Congenital deformity	0	—		0	—		0	—	
Other disabling imp.	2	—		2	—		54	1.2	(0.2 – 2.2)
Multiple trauma	0	—		1	—		16	1.6	
Developmental disability	0	—		0	—		(n<5)	—	
Reconditioning	10	2.0		15	1.7		495	1.7	(0.7 – 2.4)
COVID-19 conditions	0	—		0	—		(n<5)	—	
Missing or excluded	31			33			1,073		
All episodes	202	1.9	(0.6 – 3.1)	184	1.8	(0.7 – 3.0)	6,066	1.8	(0.6 – 2.9)

INCLUDES: completed episodes where days seen is given, and greater than 0 days.

DATA SUPPRESSION: when <5 episodes summary data is suppressed for your service and all data is suppressed for All Ambulatory

NOTE *: Trimmed data range includes only the middle 90% of data and shown where at least 20 episodes are given.

Occasions of service by impairment group



INCLUDES: completed episodes where a valid impairment code is given and occasions of service is recorded and greater than 0 days. For a full list of impairment codes please refer to Appendix 4
 DATA SUPPRESSION: when <5 episodes data is suppressed

Occasions of service by impairment group

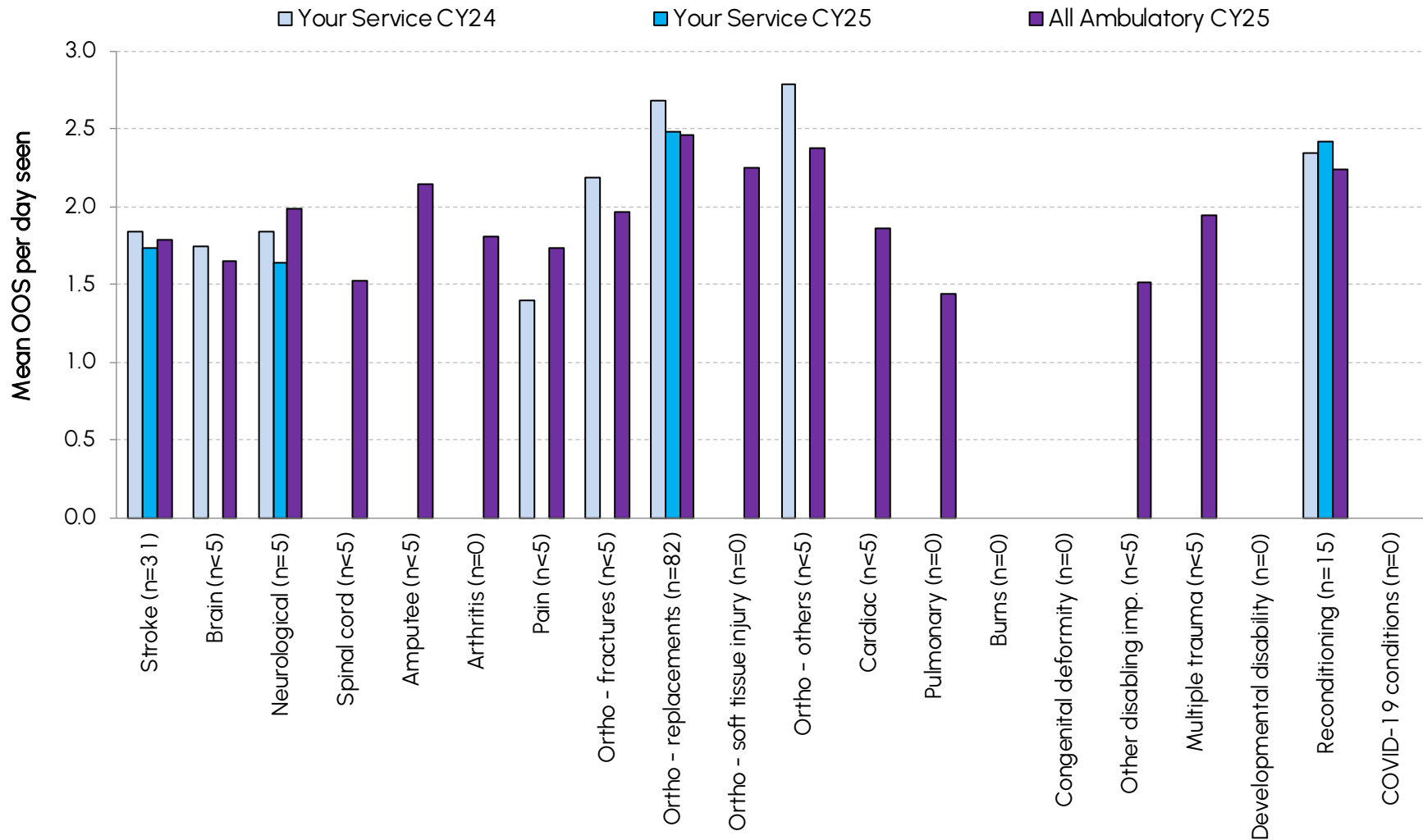
Impairment group	Your Service CY24			Your Service CY25			All Ambulatory CY25		
	N	Mean occasions of service	Trimmed data range*	N	Mean occasions of service	Trimmed data range*	N	Mean occasions of service	Trimmed data range*
Stroke	44	24.1	(4 – 78)	31	21.5	(4 – 56)	1,148	25.4	(3 – 67)
Brain	7	20.4		3	—		221	45.0	(6 – 141)
Neurological	14	24.1		5	27.4		178	30.1	(6 – 64)
Spinal cord	3	—		2	—		43	51.3	(11 – 143)
Amputee	0	—		2	—		48	48.5	(10 – 103)
Arthritis	0	—		0	—		14	23.5	
Pain	5	9.4		3	—		68	24.0	(1 – 60)
Ortho - fractures	6	31.5		2	—		186	28.5	(7 – 60)
Ortho - replacements	76	29.2	(14 – 54)	82	27.0	(10 – 51)	2,375	28.2	(8 – 54)
Ortho - soft tissue injury	0	—		0	—		24	30.3	(11 – 54)
Ortho - others	7	34.7		3	—		144	30.9	(12 – 63)
Cardiac	1	—		2	—		28	21.3	(10 – 34)
Pulmonary	2	—		0	—		29	23.9	(8 – 44)
Burns	0	—		0	—		0	—	
Congenital deformity	0	—		0	—		0	—	
Other disabling imp.	2	—		2	—		55	22.1	(4 – 51)
Multiple trauma	0	—		1	—		16	32.3	
Developmental disability	0	—		0	—		(n<5)	—	
Reconditioning	10	33.8		15	31.1		499	29.3	(8 – 60)
COVID-19 conditions	0	—		0	—		(n<5)	—	
Missing or excluded	25			31			989		
All episodes	202	27.5	(4 – 60)	184	29.2	(7 – 60)	6,066	29.1	(5 – 60)

INCLUDES: completed episodes where occasions of service is given, and greater than 0 days.

DATA SUPPRESSION: when <5 episodes summary data is suppressed for your service and all data is suppressed for All Ambulatory

NOTE *: Trimmed data range includes only the middle 90% of data and shown where at least 20 episodes are given.

Occasions of service per day seen by impairment group



INCLUDES: completed episodes where a valid impairment code is given and both occasions of service and days seen are recorded and greater than 0 days. For a full list of impairment codes please refer to Appendix 4

DATA SUPPRESSION: when <5 episodes data is suppressed

Occasions of service per day seen by impairment group

Impairment group	Your Service CY24			Your Service CY25			All Ambulatory CY25		
	Mean OOS			Mean OOS			Mean OOS		
	N	per day seen	Trimmed data range*	N	per day seen	Trimmed data range*	N	per day seen	Trimmed data range*
Stroke	44	1.8	(1.0 – 4.0)	31	1.7	(1.0 – 2.8)	1,146	1.8	(1.0 – 3.6)
Brain	7	1.7		3	—		221	1.7	(1.0 – 3.0)
Neurological	14	1.8		5	1.6		178	2.0	(1.0 – 3.8)
Spinal cord	3	—		2	—		43	1.5	(1.0 – 3.0)
Amputee	0	—		2	—		48	2.1	(1.1 – 3.1)
Arthritis	0	—		0	—		14	1.8	
Pain	5	1.4		3	—		68	1.7	(1.0 – 3.0)
Ortho - fractures	6	2.2		2	—		186	2.0	(1.0 – 3.0)
Ortho - replacements	76	2.7	(1.0 – 3.0)	82	2.5	(1.0 – 3.0)	2,375	2.5	(1.0 – 3.0)
Ortho - soft tissue injury	0	—		0	—		24	2.2	(1.0 – 3.0)
Ortho - others	7	2.8		3	—		144	2.4	(1.0 – 3.0)
Cardiac	1	—		2	—		28	1.9	(1.2 – 2.7)
Pulmonary	2	—		0	—		29	1.4	(1.1 – 3.0)
Burns	0	—		0	—		0	—	
Congenital deformity	0	—		0	—		0	—	
Other disabling imp.	2	—		2	—		54	1.5	(1.0 – 2.5)
Multiple trauma	0	—		1	—		16	1.9	
Developmental disability	0	—		0	—		(n<5)	—	
Reconditioning	10	2.4		15	2.4		499	2.2	(1.0 – 3.1)
COVID-19 conditions	0	—		0	—		(n<5)	—	
Missing or excluded	25			31			992		
All episodes	202	2.3	(1.0 – 3.0)	184	2.2	(1.0 – 3.0)	6,066	2.2	(1.0 – 3.0)

INCLUDES: completed episodes where occasions of service is given, and greater than 0 days.

DATA SUPPRESSION: when <5 episodes summary data is suppressed for your service and all data is suppressed for All Ambulatory

NOTE *: Trimmed data range includes only the middle 90% of data and shown where at least 20 episodes are given.

Employment outcomes by impairment group

A patient with an 'equivalent employment outcome' is in:

- the same or similar job with same or similar hours
or
- a different job by choice.

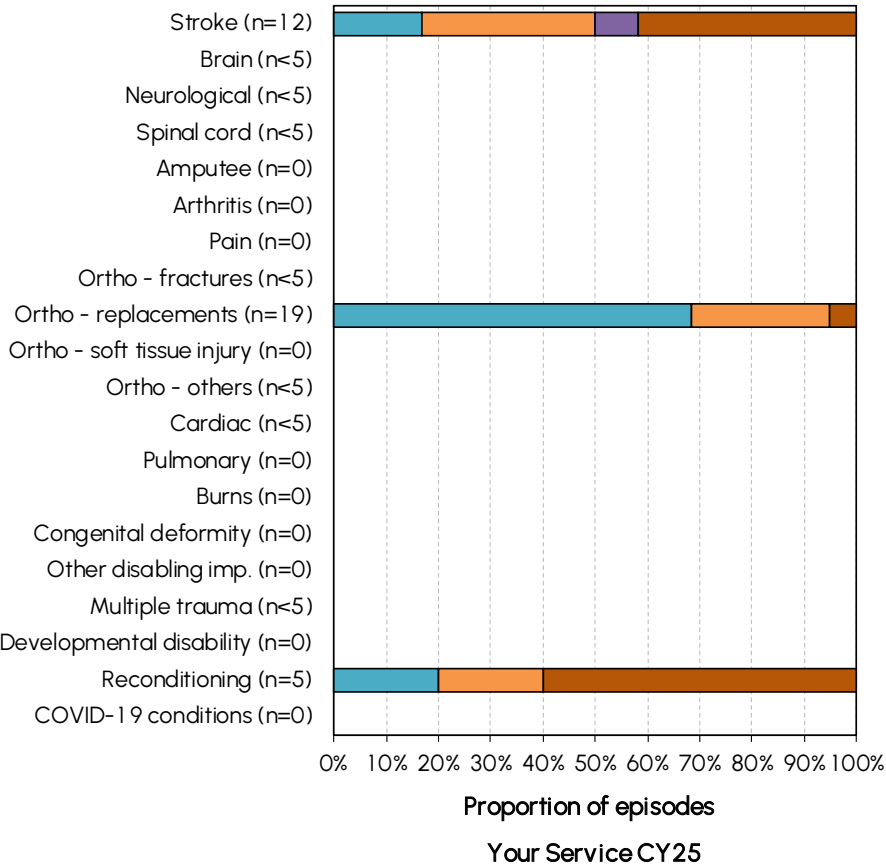
A patient with a 'reduced employment outcome' is in:

- the same or similar job with reduced hours
or
- a different job due to reduced function
or
- not able to work.

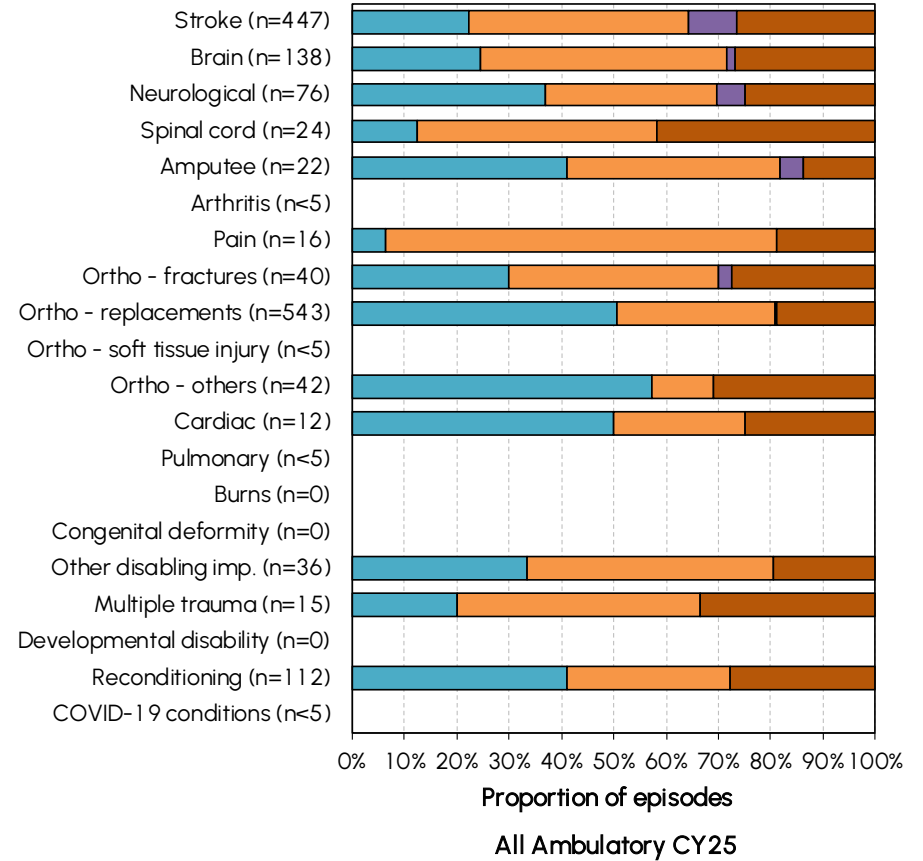
Employment outcomes are only considered for patients who were employed prior to injury / impairment or exacerbation of impairment.

Employment outcomes by impairment group

■ Equivalent employment outcome ■ Reduced employment outcome
■ Chosen to retire ■ Too early to determine



■ Equivalent employment outcome ■ Reduced employment outcome
■ Chosen to retire ■ Too early to determine



INCLUDES: completed episodes where a valid impairment code, employment status prior was employed and employment status, or anticipated employment status, after discharge is given. For a full list of impairment codes please refer to Appendix 4

DATA SUPPRESSION: when <5 episodes data is suppressed

Employment outcomes by impairment group

Impairment group	Your Service CY24		Your Service CY25		All Ambulatory CY25	
	Employed prior to impair (N)	Equivalent employment outcome (%)	Employed prior to impair (N)	Equivalent employment outcome (%)	Employed prior to impair (N)	Equivalent employment outcome (%)
Stroke	14	28.6	12	16.7	447	22.4
Brain	4	50.0	2	50.0	138	24.6
Neurological	5	80.0	3	66.7	76	36.8
Spinal cord	2	0.0	2	50.0	24	12.5
Amputee	0	—	0	—	22	40.9
Arthritis	0	—	0	—	(n<5)	—
Pain	4	50.0	0	—	16	6.3
Ortho - fractures	1	0.0	2	0.0	40	30.0
Ortho - replacements	21	42.9	19	68.4	543	50.5
Ortho - soft tissue injury	0	—	0	—	(n<5)	—
Ortho - others	2	50.0	1	0.0	42	57.1
Cardiac	0	—	1	0.0	12	50.0
Pulmonary	0	—	0	—	(n<5)	—
Burns	0	—	0	—	0	—
Congenital deformity	0	—	0	—	0	—
Other disabling imp.	1	100.0	0	—	36	33.3
Multiple trauma	0	—	1	0.0	15	20.0
Developmental disability	0	—	0	—	0	—
Reconditioning	1	100.0	5	20.0	112	41.1
COVID-19 conditions	0	—	0	—	(n<5)	—
Missing or excluded	147		136		4,534	
All episodes	202	43.6	184	41.7	6,066	36.6

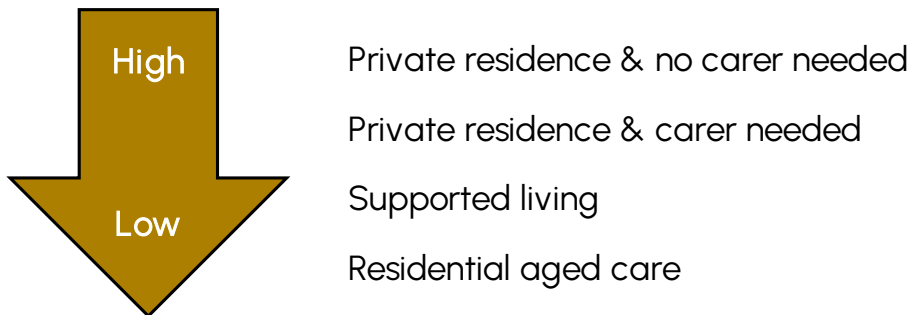
INCLUDES: completed episodes where employment status prior was employed and employment status, or anticipated employment status, after discharge is given.

DATA SUPPRESSION: when <5 episodes summary data is suppressed for your service and all data is suppressed for All Ambulatory

Independence outcomes by impairment group

Independence outcomes are based on changes in accommodation and carer status.

Independence is ranked using the following order:



A patient is defined as having 'equivalent independence' when:

- independence after the rehabilitation episode was the same or greater than prior to rehabilitation.

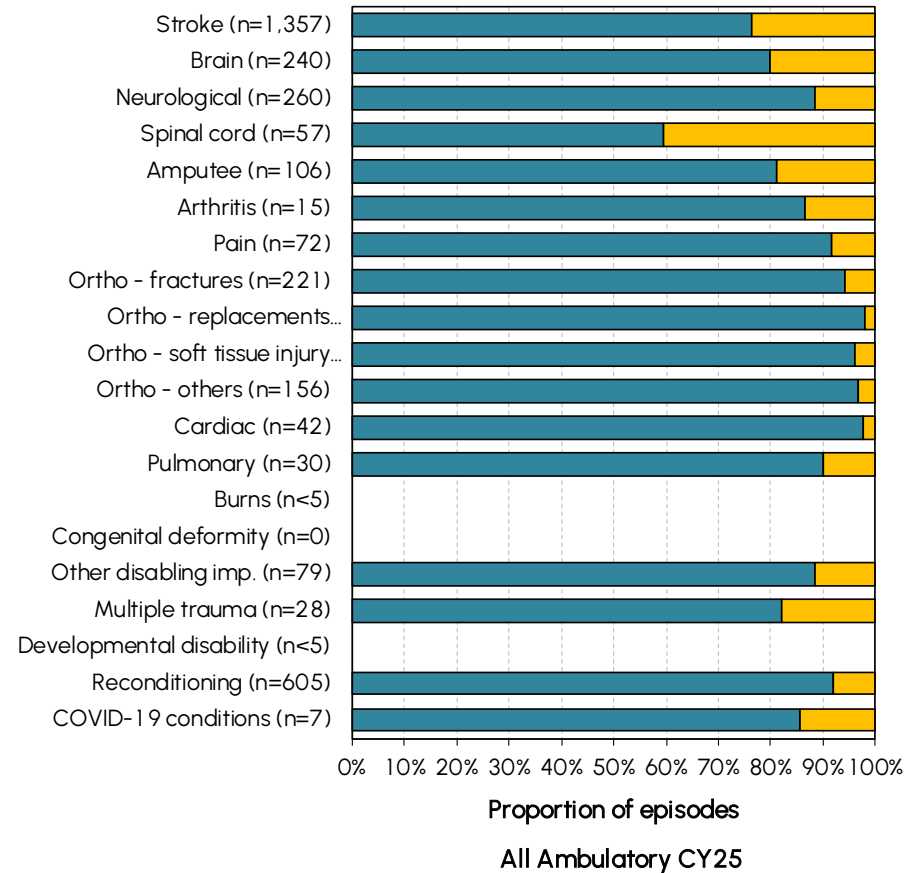
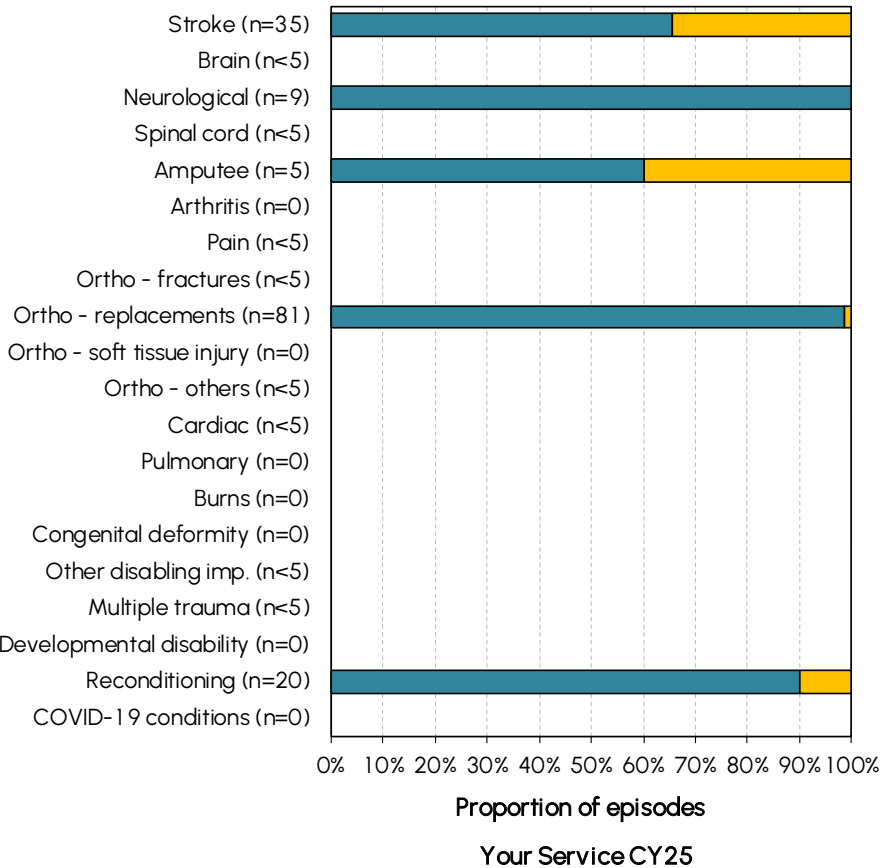
A patient is defined as having 'reduced independence' when:

- independence after the rehabilitation episode was less than before rehabilitation.

Independence outcomes by impairment group

■ Equivalent independence ■ Reduced independence

■ Equivalent independence ■ Reduced independence



INCLUDES: episodes where a valid impairment code is given and accommodation and carer status (both prior to impairment and at discharge) were recorded, excluding 'Other' or 'Unknown' responses. For a full list of impairment codes please refer to Appendix 4
DATA SUPPRESSION: when <5 data is suppressed.

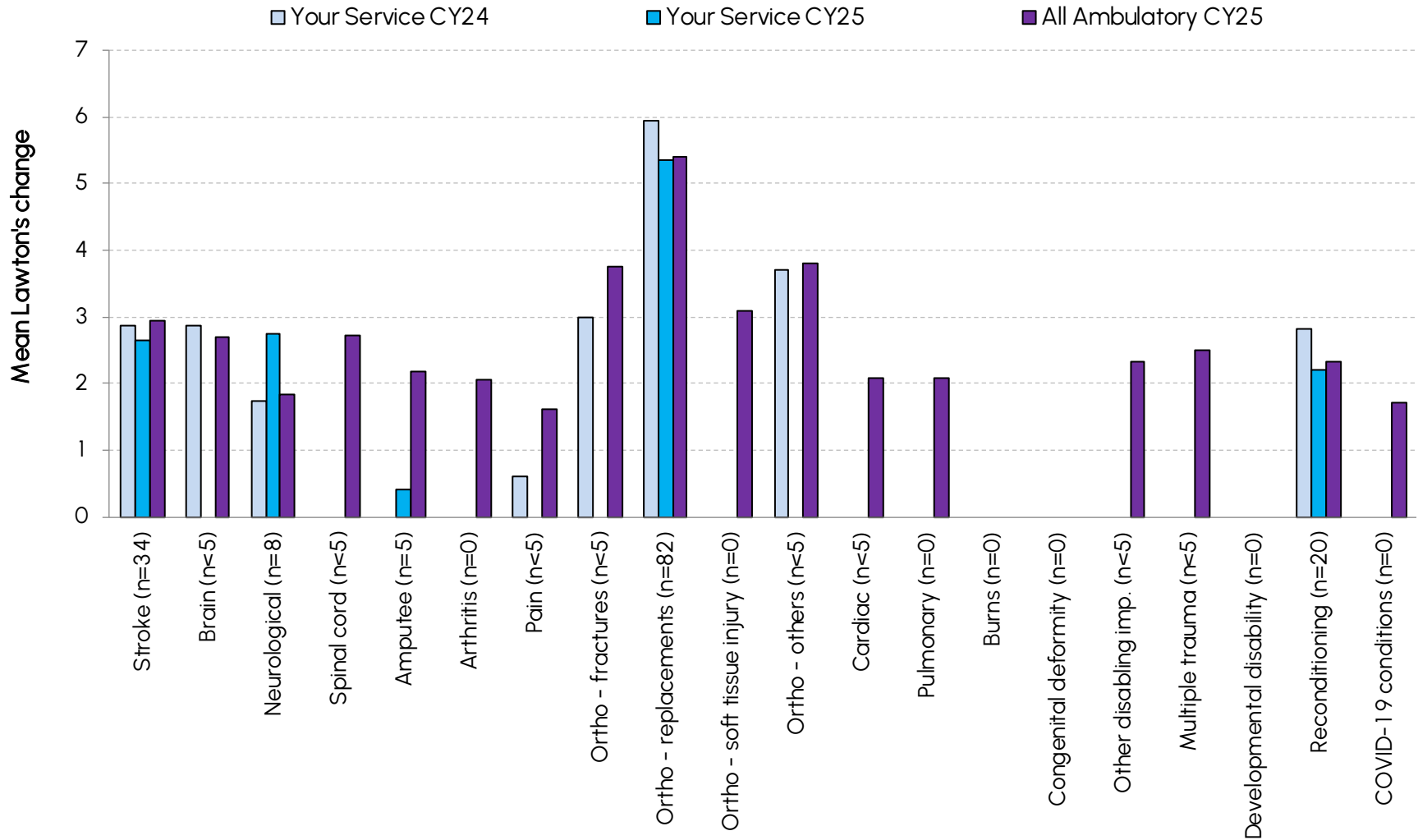
Independence outcomes by impairment group

Impairment group	Your Service CY24		Your Service CY25		All Ambulatory CY25	
	N	Equivalent independence outcome (%)	N	Equivalent independence outcome (%)	N	Equivalent independence outcome (%)
Stroke	51	80.4	35	65.7	1,357	76.3
Brain	7	100.0	2	50.0	240	80.0
Neurological	15	86.7	9	100.0	260	88.5
Spinal cord	4	50.0	3	66.7	57	59.6
Amputee	1	100.0	5	60.0	106	81.1
Arthritis	0	—	0	—	15	86.7
Pain	5	80.0	3	100.0	72	91.7
Ortho - fractures	7	85.7	3	100.0	221	94.1
Ortho - replacements	76	98.7	81	98.8	2,377	98.0
Ortho - soft tissue injury	0	—	0	—	26	96.2
Ortho - others	7	100.0	3	100.0	156	96.8
Cardiac	1	100.0	3	100.0	42	97.6
Pulmonary	2	100.0	0	—	30	90.0
Burns	0	—	0	—	(n<5)	—
Congenital deformity	1	100.0	0	—	0	—
Other disabling imp.	2	100.0	3	100.0	79	88.6
Multiple trauma	0	—	1	100.0	28	82.1
Developmental disability	0	—	0	—	(n<5)	—
Reconditioning	13	92.3	20	90.0	605	92.1
COVID-19 conditions	0	—	0	—	7	85.7
Missing or excluded	10		13		393	
All episodes	202	90.6	184	88.9	6,066	89.7

INCLUDES: episodes where a valid impairment code is given and accommodation and carer status (both prior to impairment and at discharge) were recorded, excluding 'Other' or 'Unknown' responses. For a full list of impairment codes please refer to Appendix 4

DATA SUPPRESSION: when <5 All Ambulatory data is suppressed.

Lawton's score change by impairment



INCLUDES: completed episodes with a valid impairment code and Lawton's score at episode begin and end. For a full list of impairment codes please refer to Appendix 4
 DATA SUPPRESSION: when <5 episodes data is suppressed

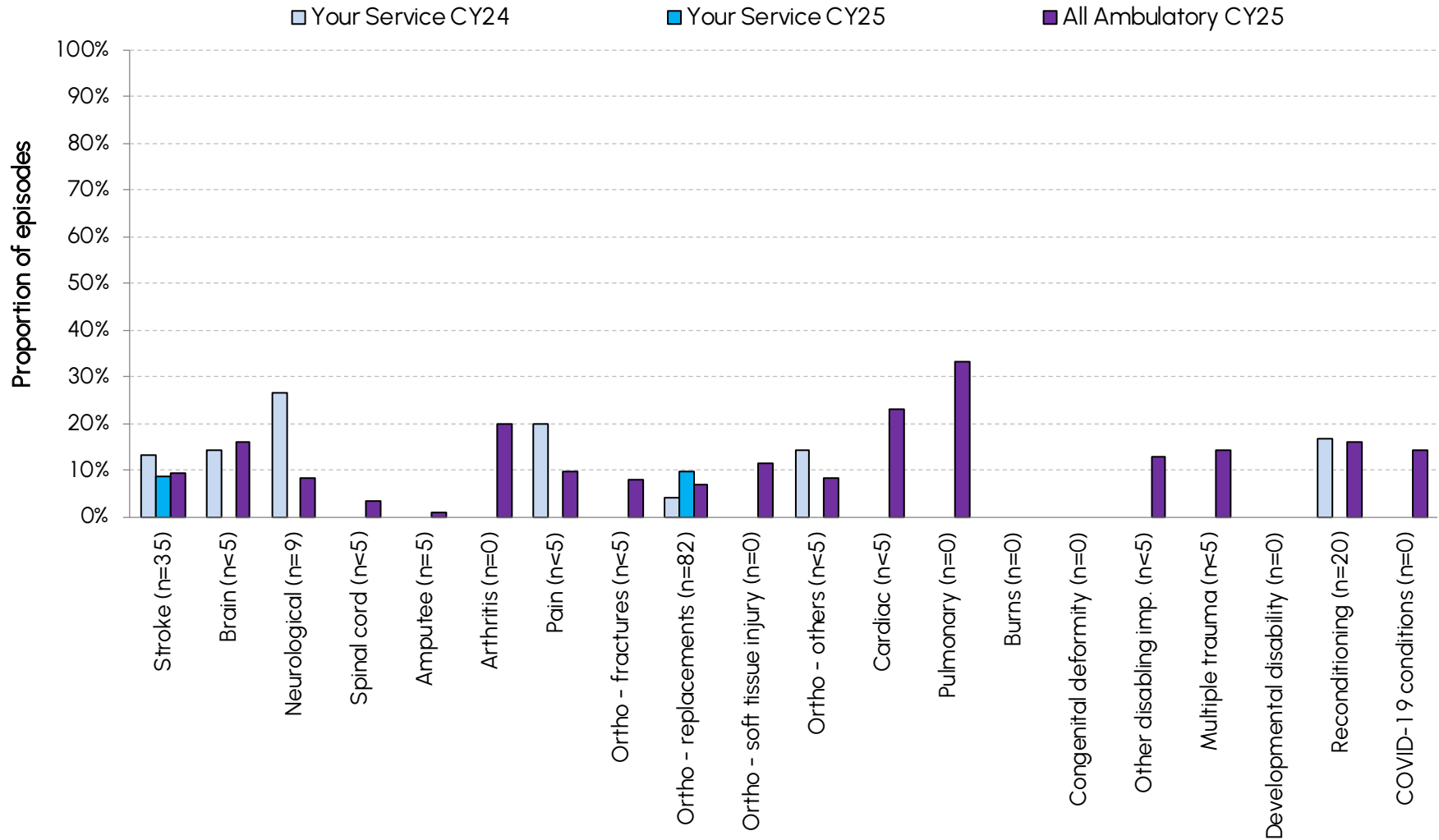
Lawton's score change by impairment

Impairment group	Your Service CY24		Your Service CY25		All Ambulatory CY25	
	N	Mean Lawton's change	N	Mean Lawton's change	N	Mean Lawton's change
Stroke	52	2.9	34	2.6	1,360	2.9
Brain	7	2.9	3	8.3	245	2.7
Neurological	11	1.7	8	2.8	238	1.8
Spinal cord	4	1.8	3	1.7	56	2.7
Amputee	1	3.0	5	0.4	105	2.2
Arthritis	0	—	0	—	15	2.1
Pain	5	0.6	3	3.7	61	1.6
Ortho - fractures	6	3.0	3	-1.0	218	3.8
Ortho - replacements	74	5.9	82	5.4	2,363	5.4
Ortho - soft tissue injury	0	—	0	—	25	3.1
Ortho - others	7	3.7	3	2.7	154	3.8
Cardiac	0	—	3	1.0	38	2.1
Pulmonary	1	0.0	0	—	14	2.1
Burns	0	—	0	—	0	—
Congenital deformity	1	-2.0	0	—	0	—
Other disabling imp.	2	2.5	4	2.5	75	2.3
Multiple trauma	0	—	1	3.0	28	2.5
Developmental disability	0	—	0	—	(n<5)	—
Reconditioning	11	2.8	20	2.2	601	2.3
COVID-19 conditions	0	—	0	—	7	1.7
Missing or excluded	20		12		469	
All episodes	202	4.0	184	3.8	6,066	3.9

INCLUDES: completed episodes with a valid impairment code and Lawton's score at episode begin and end. For a full list of impairment codes please refer to Appendix 4

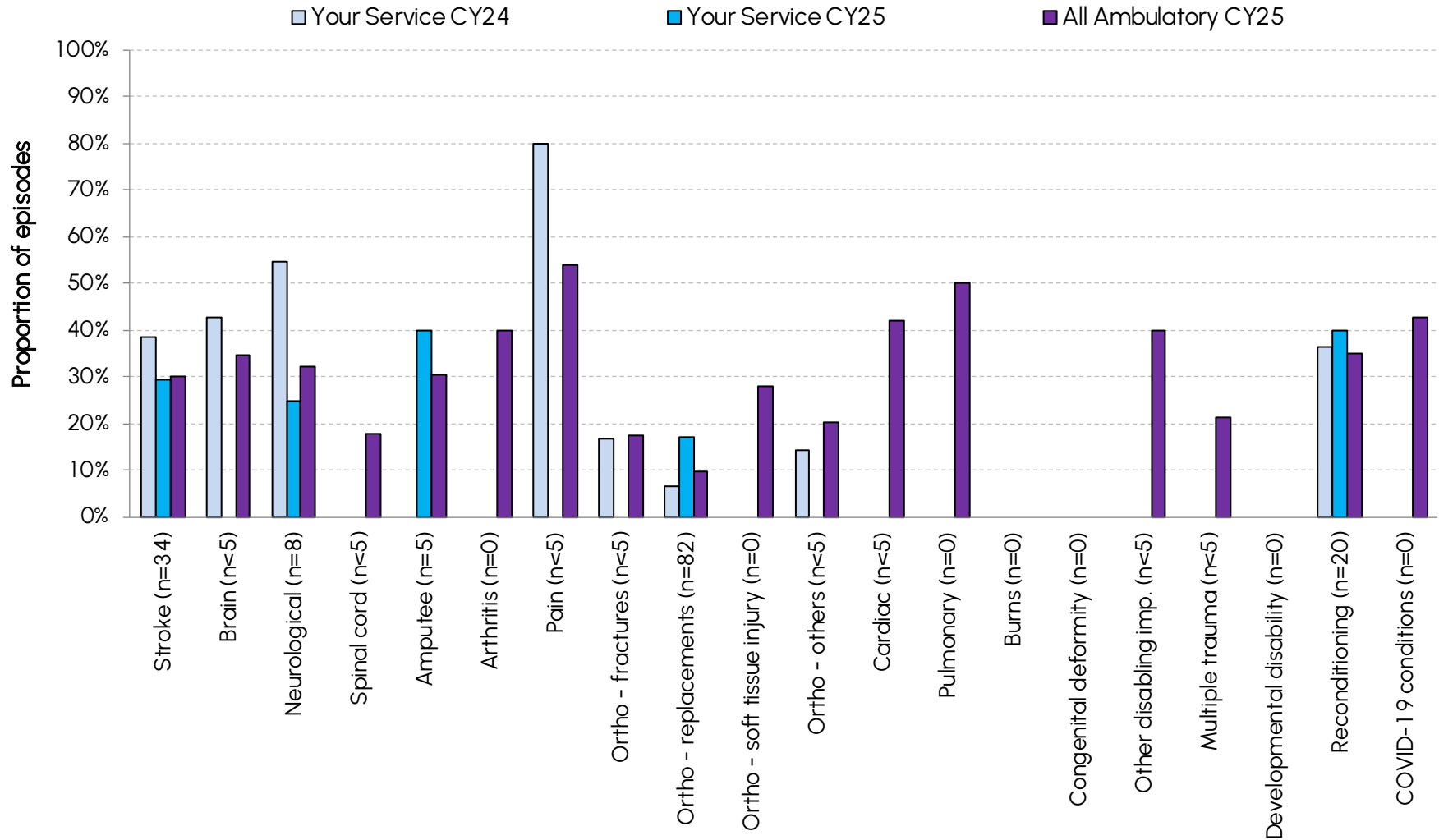
DATA SUPPRESSION: when <5 episodes All Ambulatory data is suppressed

Episodes with a Lawton's start score of 30 by impairment group



INCLUDES: completed episodes where a valid impairment code and Lawton's total start score = 30 is given. For a full list of impairment codes please refer to Appendix 4

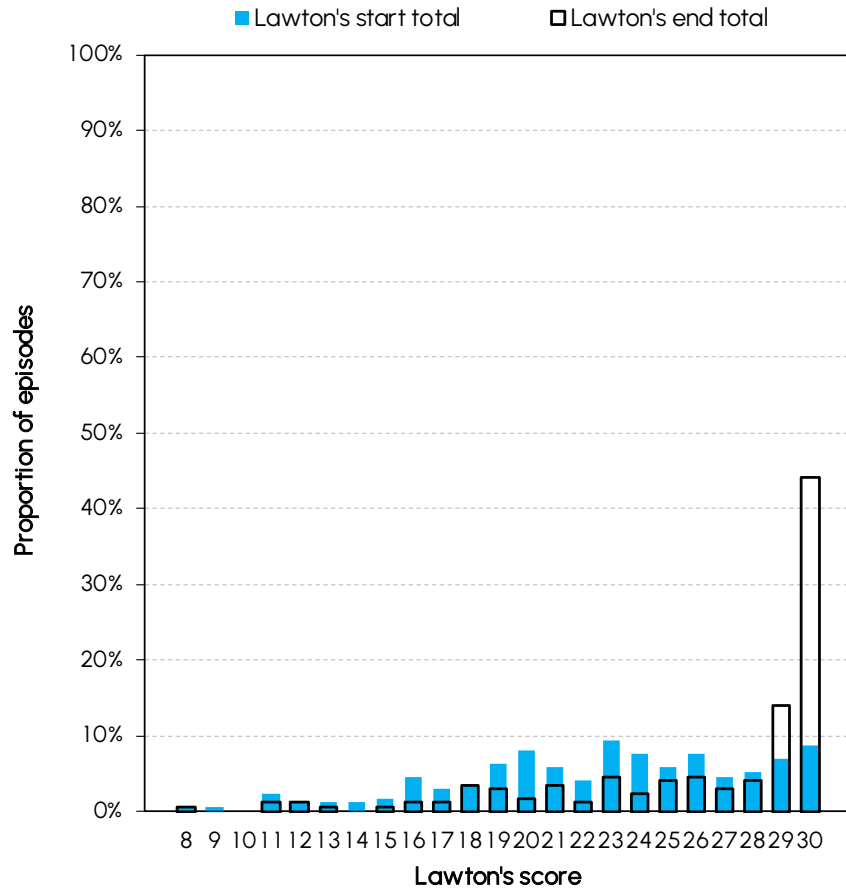
Episodes with no change in Lawton's score by impairment group



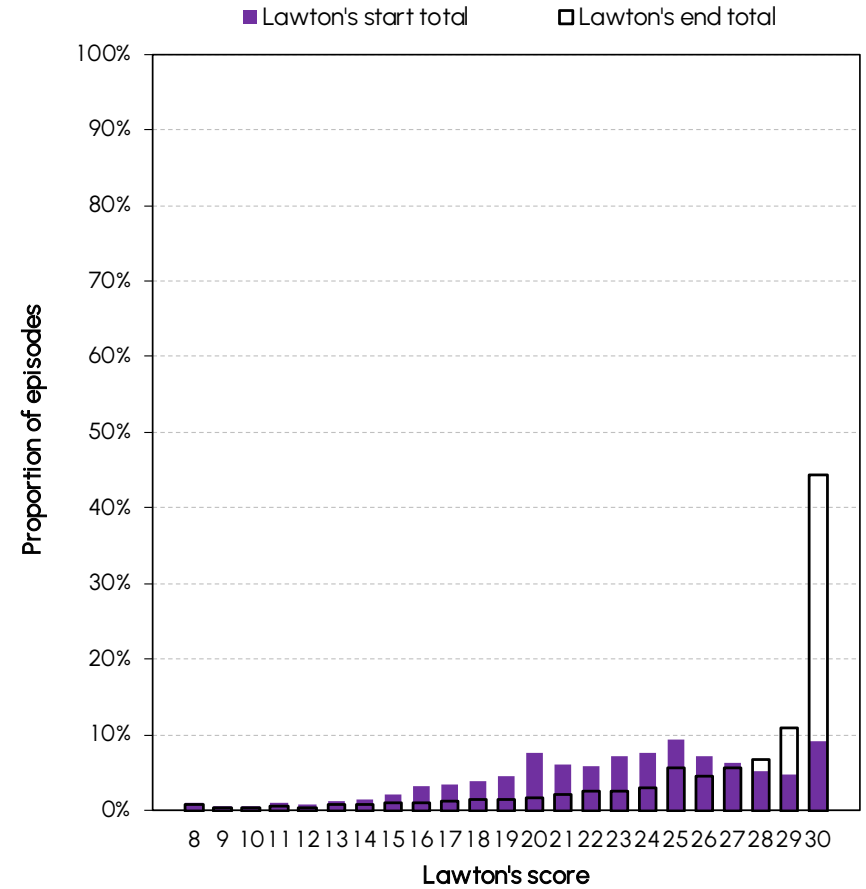
INCLUDES: completed episodes with a valid impairment code and Lawton's total score at episode start and episode end are the same. For a full list of impairment codes please refer to Appendix 4

Lawton's start and end total – all episodes

Your Service CY25 (n=172)



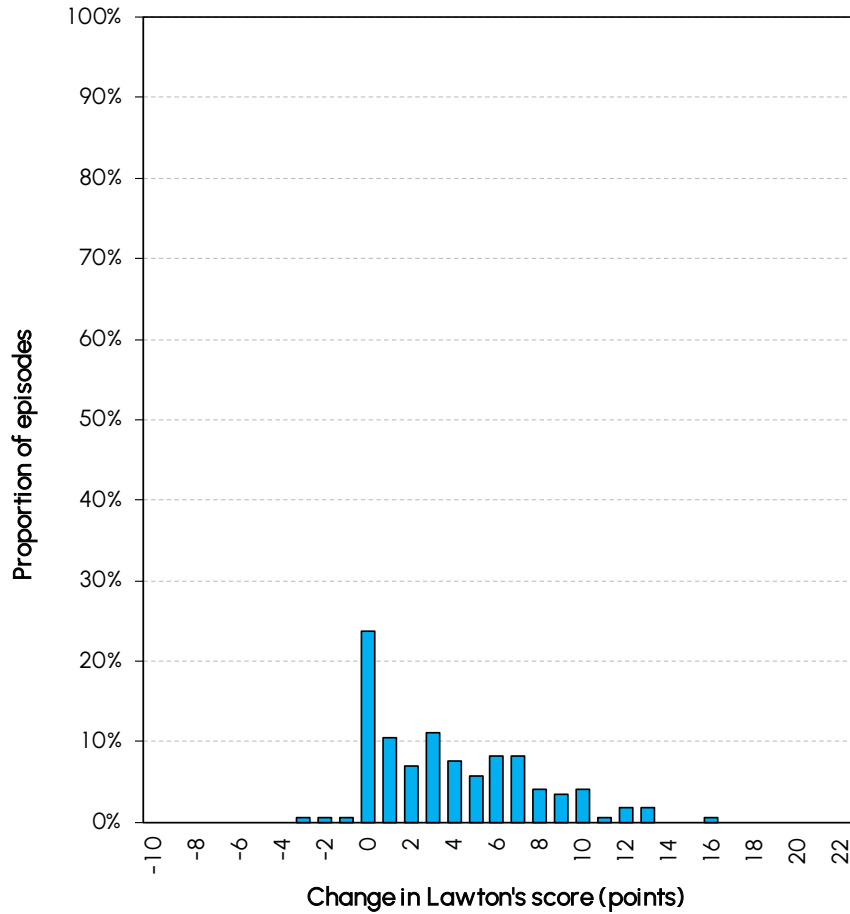
All Ambulatory CY25 (n=5,616)



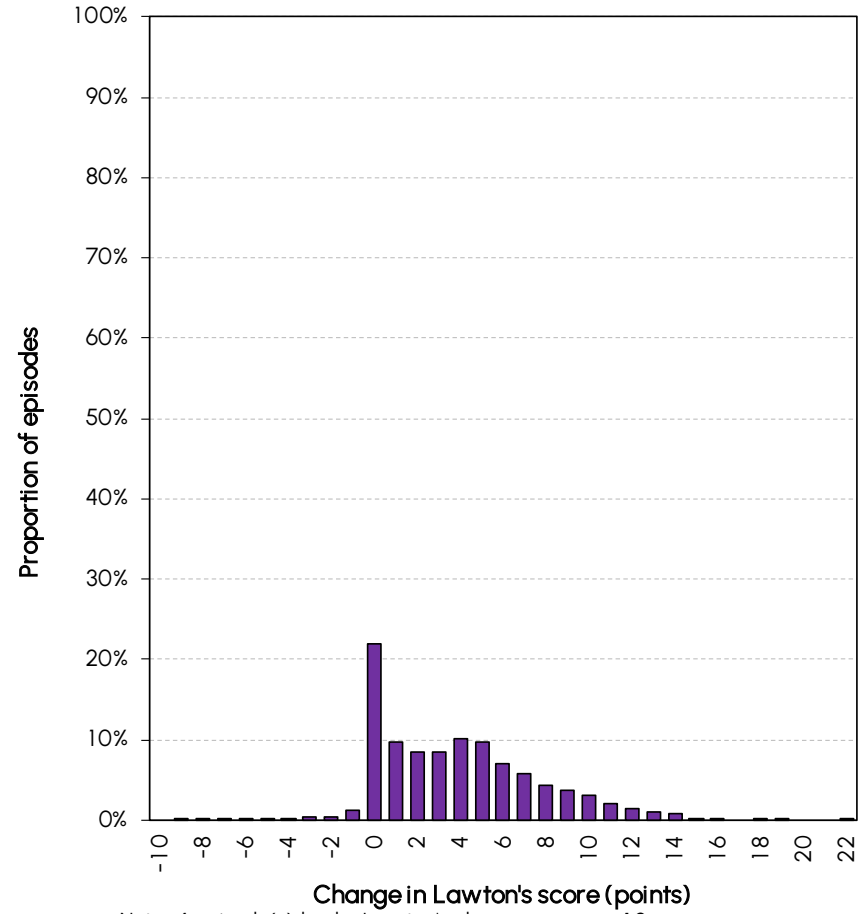
INCLUDES: completed episodes with valid Lawton's score at episode begin and end.

Change in Lawton's score – all episodes

Your Service CY25 (n=172)



All Ambulatory CY25 (n=5,612)

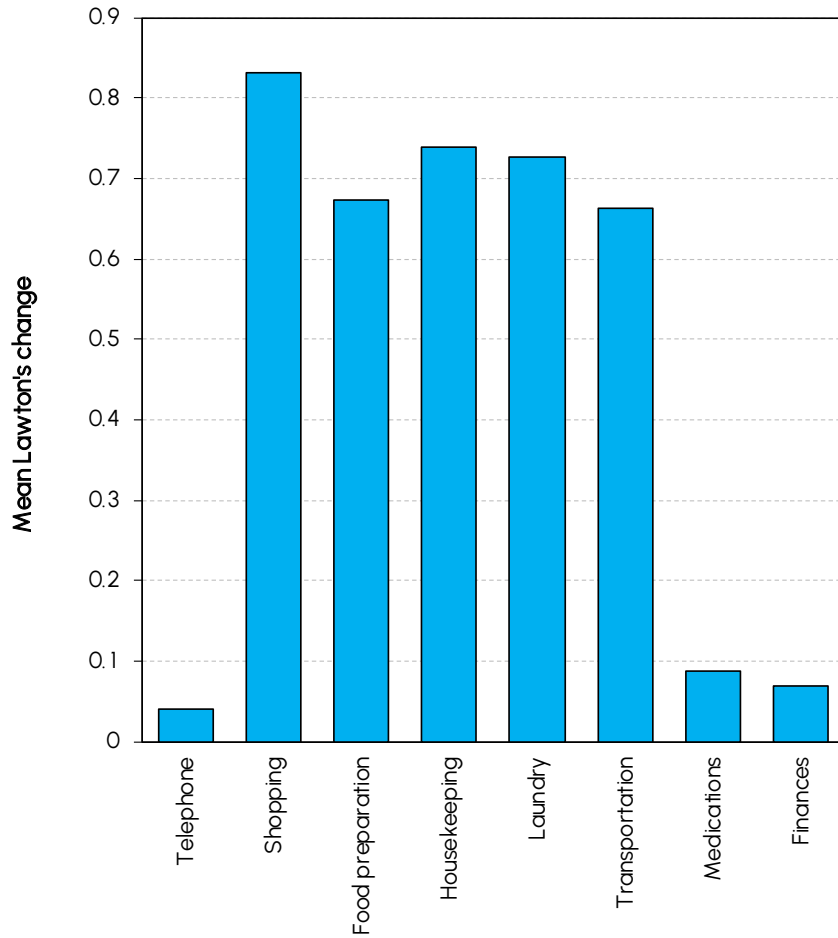


Note: 4 episode(s) had a Lawton's change score < -10.

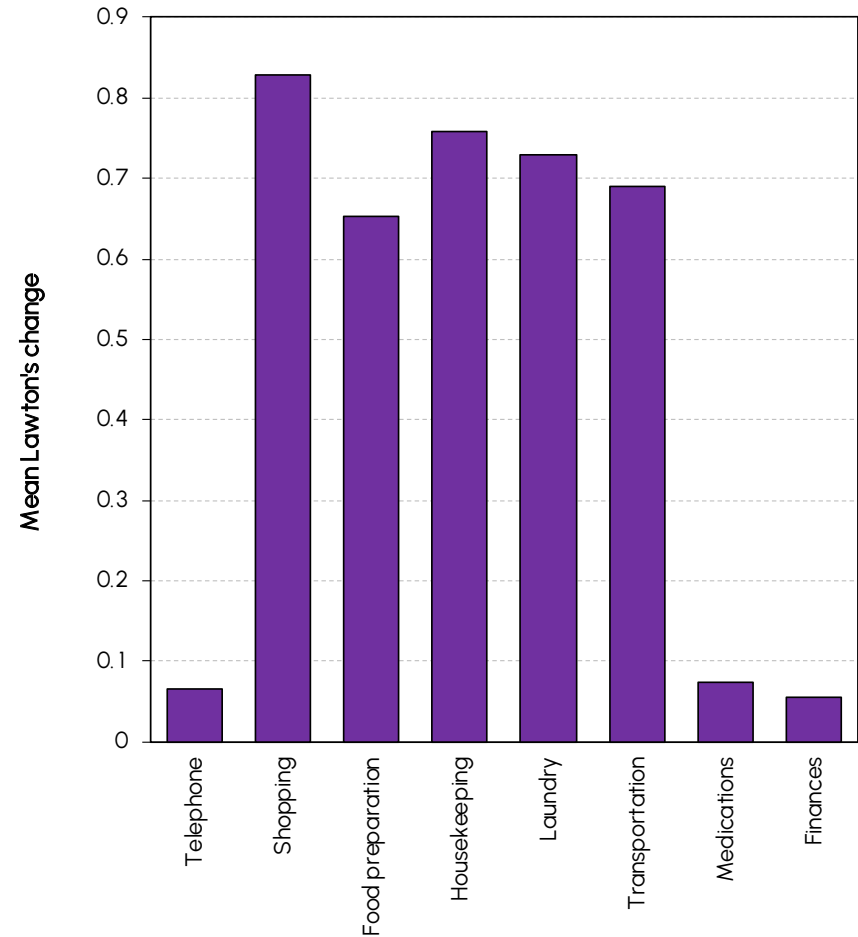
INCLUDES: completed episodes with valid Lawton's score at episode begin and end.

Change in Lawton's item scores – all episodes

Your Service CY25 (n=172)



All Ambulatory CY25 (n=5,612)

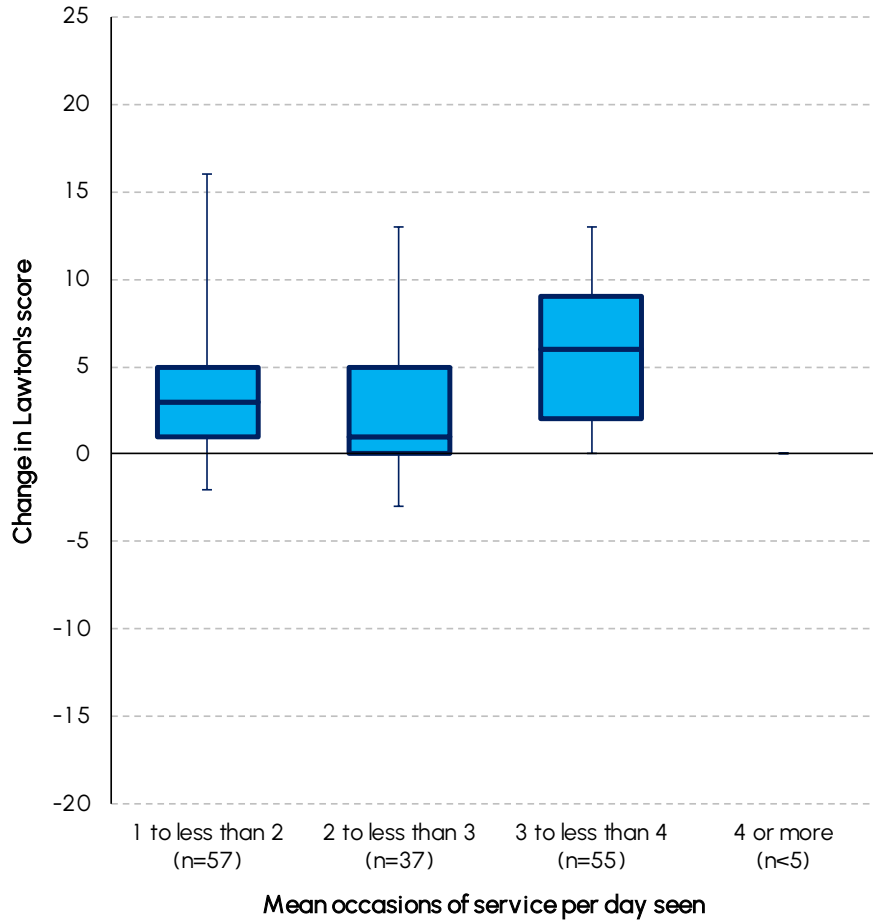


Note: 4 episode(s) had a Lawton's change score < -10.

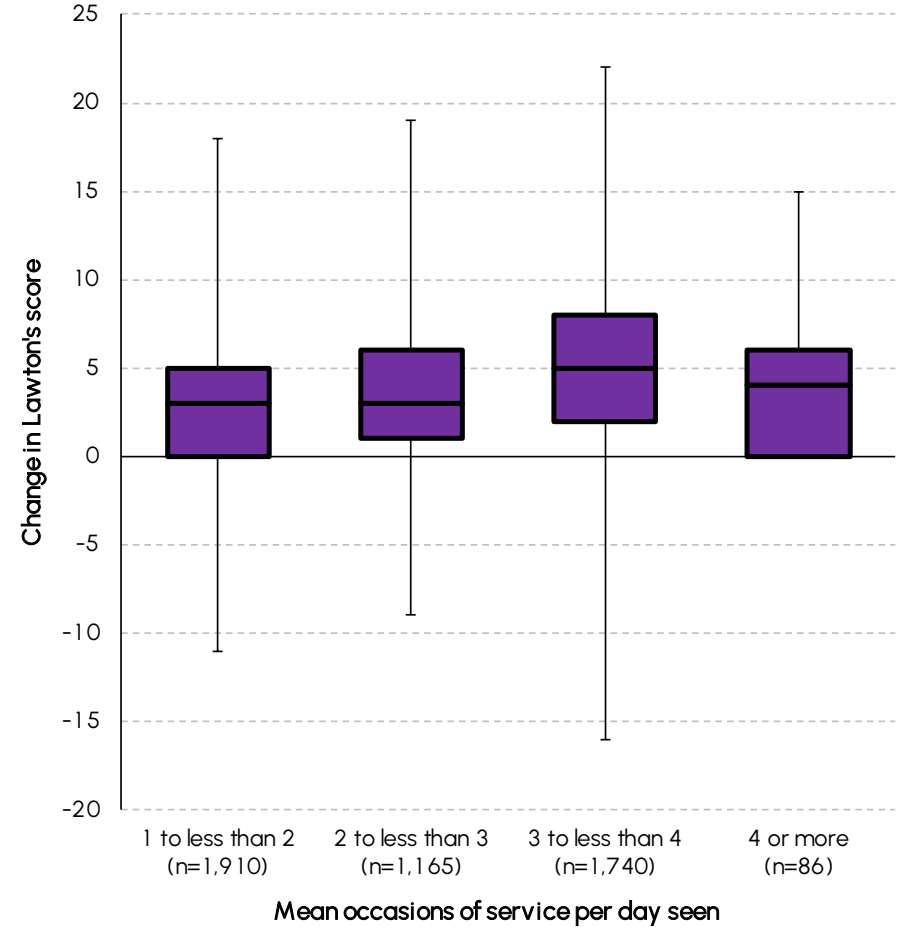
INCLUDES: completed episodes with valid Lawton's score at episode begin and end.

Change in Lawton's score by OOS/day seen – all episodes

Your Service CY25



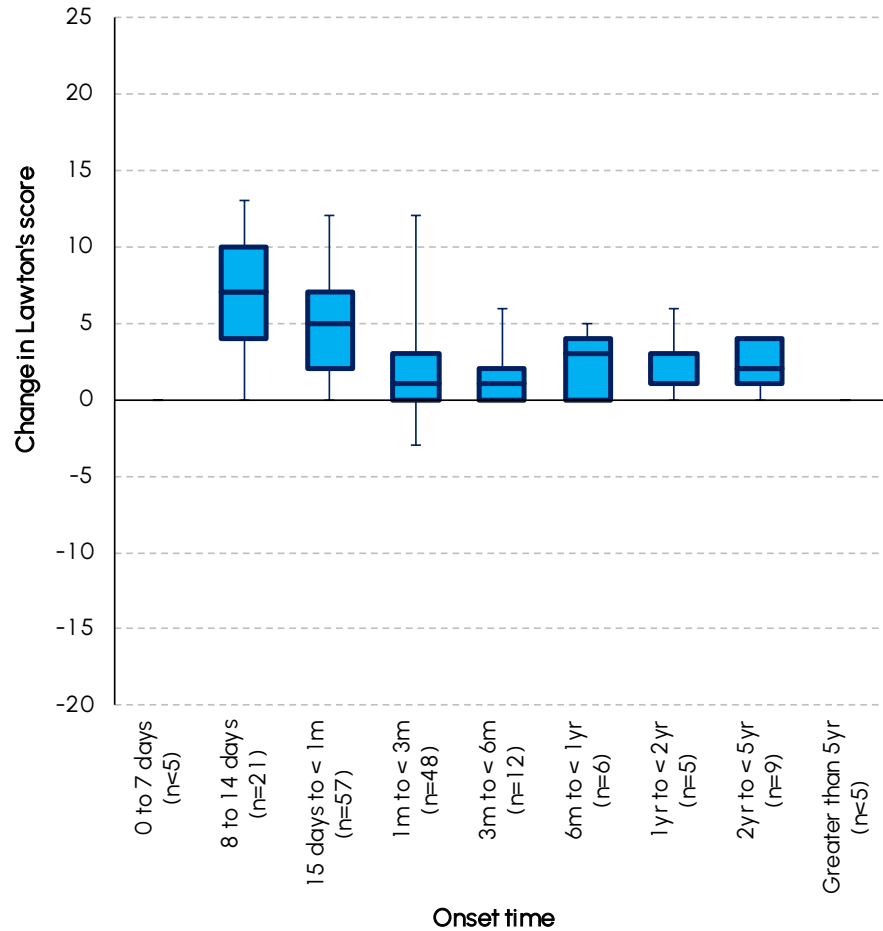
All Ambulatory CY25



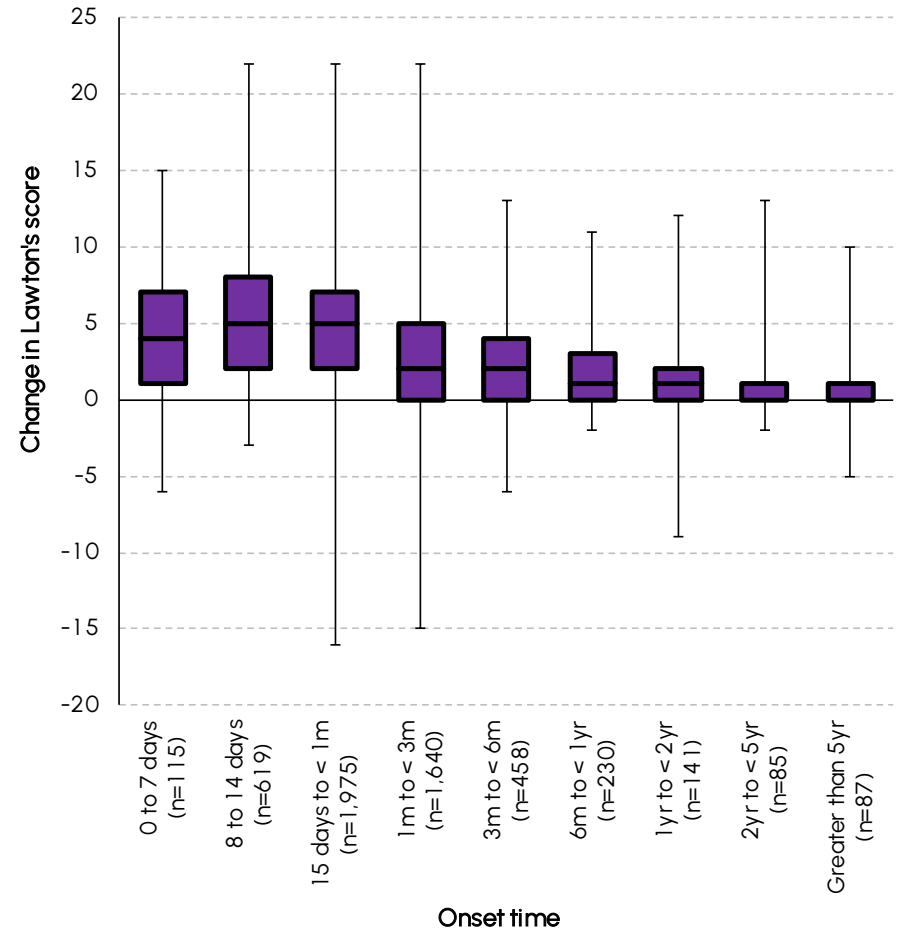
INCLUDES: completed episodes with valid Lawton's score at episode begin and end, and with occasions of service and days seen greater than 0 days
 NOTE: To understand how to interpret these figures please refer to Appendix 3

Change in Lawton's score by onset time – all episodes

Your Service CY25



All Ambulatory CY25



INCLUDES: completed episodes with valid Lawton's score at episode begin and end and time since onset known.

NOTE: To understand how to interpret these figures please refer to Appendix 3

Impairment Specific Outcome Measures

No single outcome measure can provide comprehensive outcome information across the range of impairments treated in ambulatory settings. For this reason, in addition to the Australian Modified Lawton's IADL Scale which is used for every episode, a number of impairment specific measures are included in the AROC Ambulatory Dataset V4.1. This dataset was implemented in August 2017, following widespread clinical consultation.

The following section provides information about these measures, as relevant to your facility's patient population:

- Upper Limb Motor Assessment Scale (UL-MAS)
- Timed 10 Metre Walk Test
- Mayo-Portland Adaptability Inventory-4 (MPAI-4)
- De Morton Mobility Index (DEMMI)
- Timed Up and Go

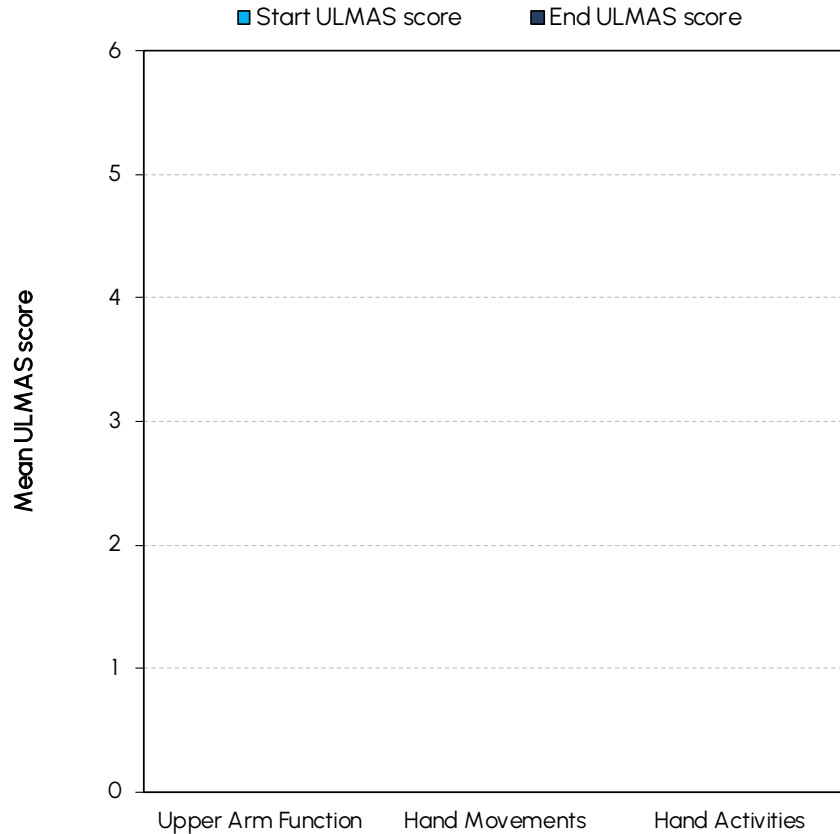
Upper Limb Motor Assessment Scale (UL-MAS)

- This data item is collected in addition to the Australian Modified Lawton's IADL Scale for patients who have sustained upper limb impairment following a stroke.
- The UL-MAS is used to assess everyday upper limb motor function in adults following stroke.

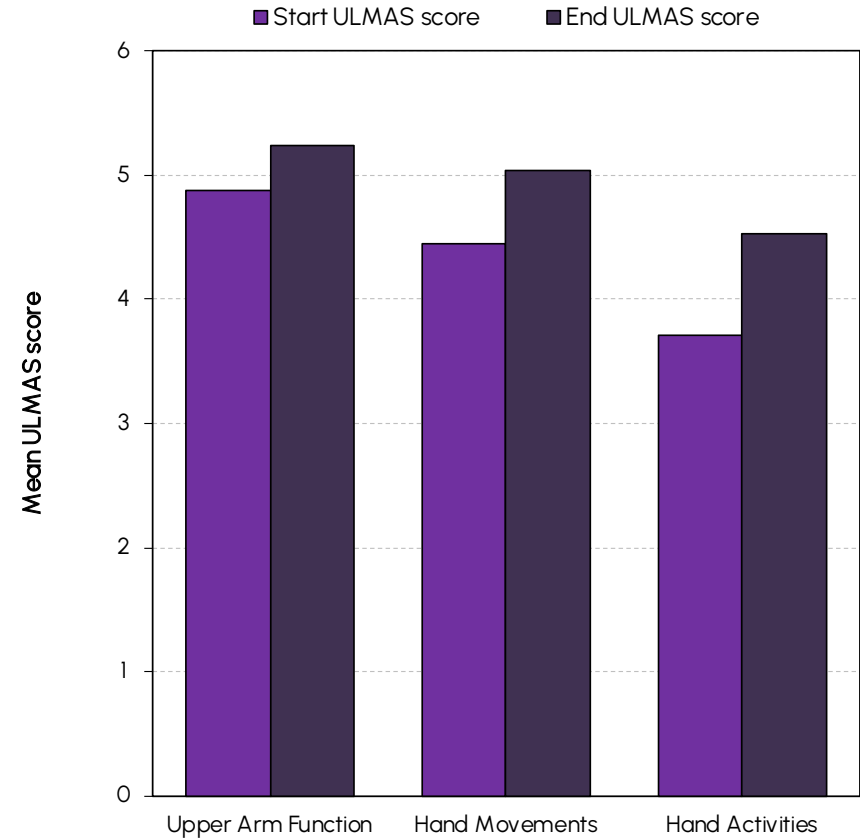
For further information refer to the AROC Ambulatory Data Dictionary V4.1 for Clinicians.

Average ULMAS start and end score by sub-group

Your Service CY25 (n<5)



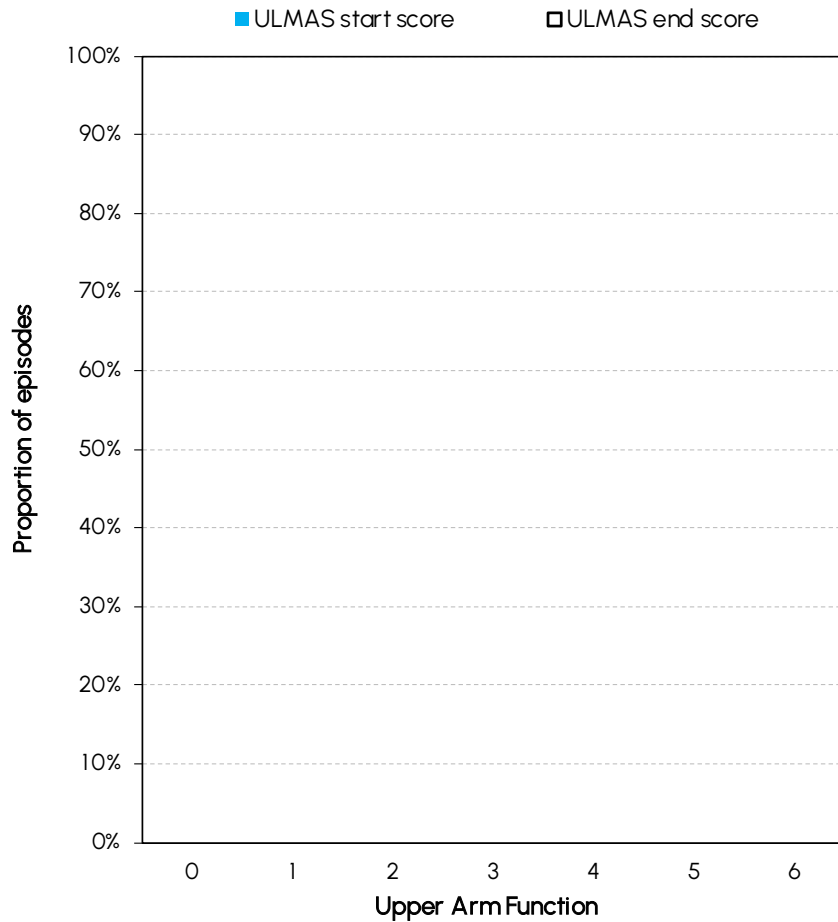
All Ambulatory CY25 (n=157)



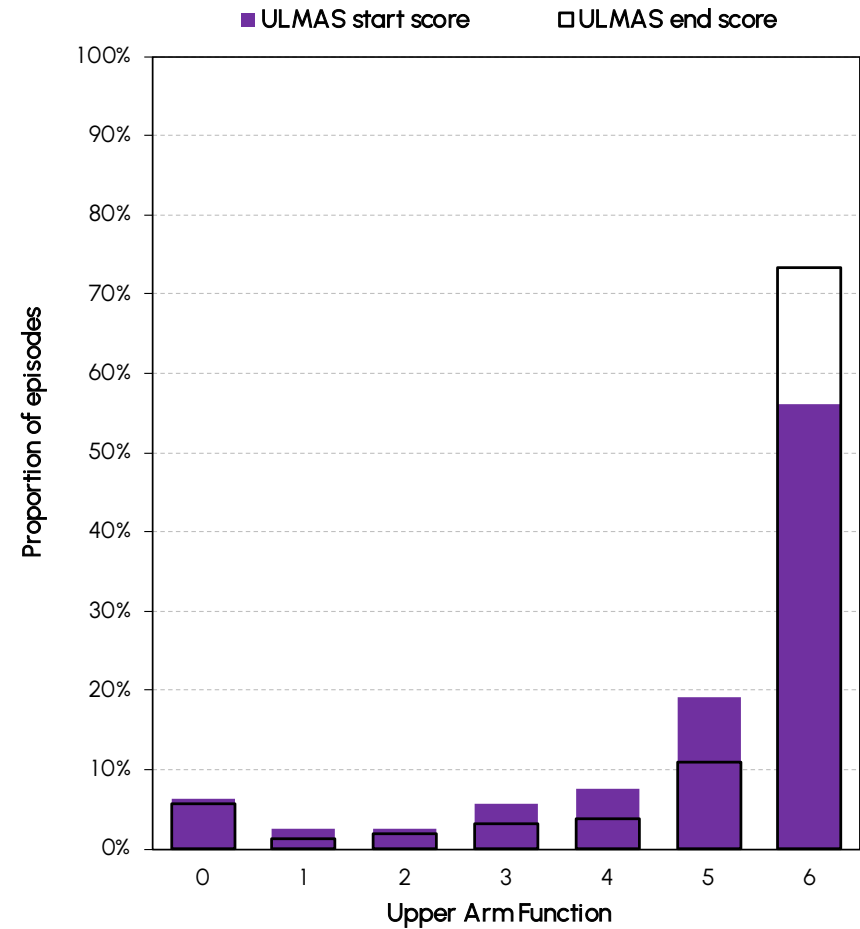
INCLUDES: completed episodes that sustained an upper limb impairment following a stroke with a valid ULMAS score at episode start and end

ULMAS start and end total – Upper arm function

Your Service CY25 (n<5)



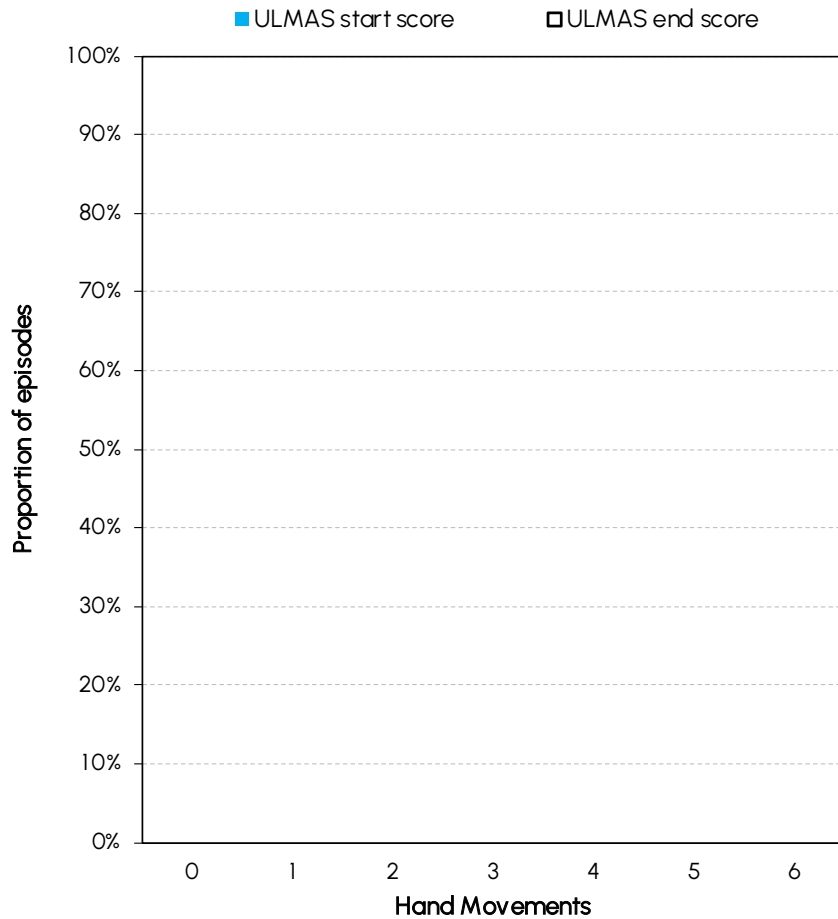
All Ambulatory CY25 (n=157)



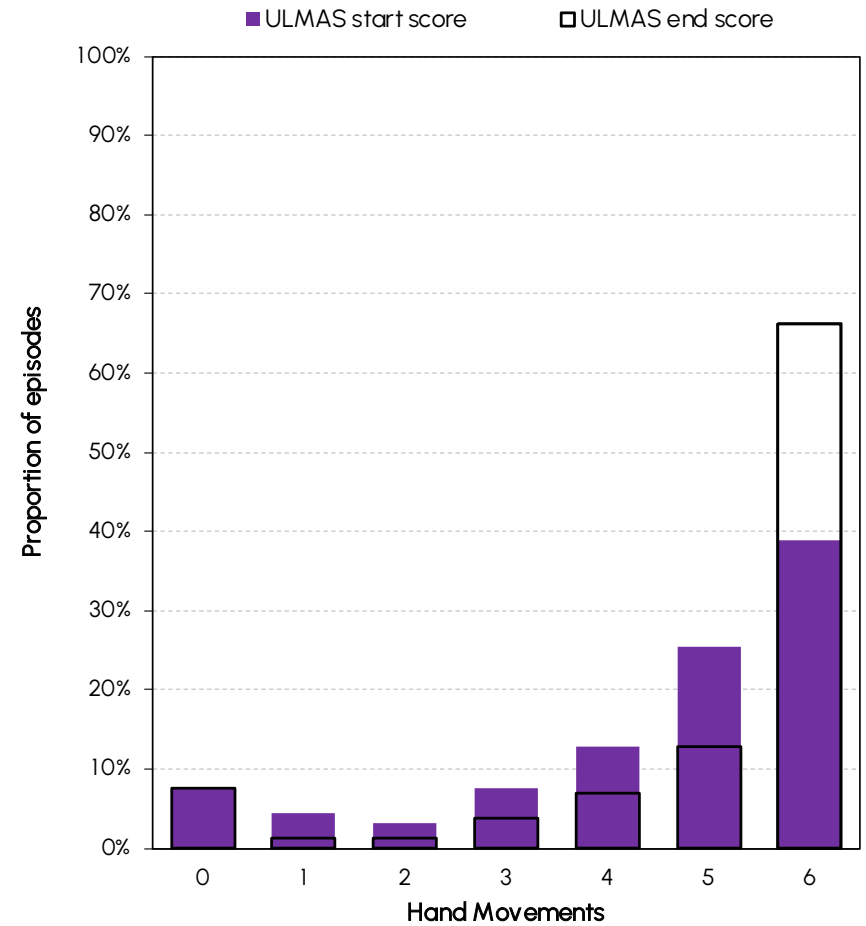
INCLUDES: completed episodes that sustained an upper limb impairment following a stroke with a valid ULMAS score at episode start and end

ULMAS start and end total – Hand movements

Your Service CY25 (n<5)



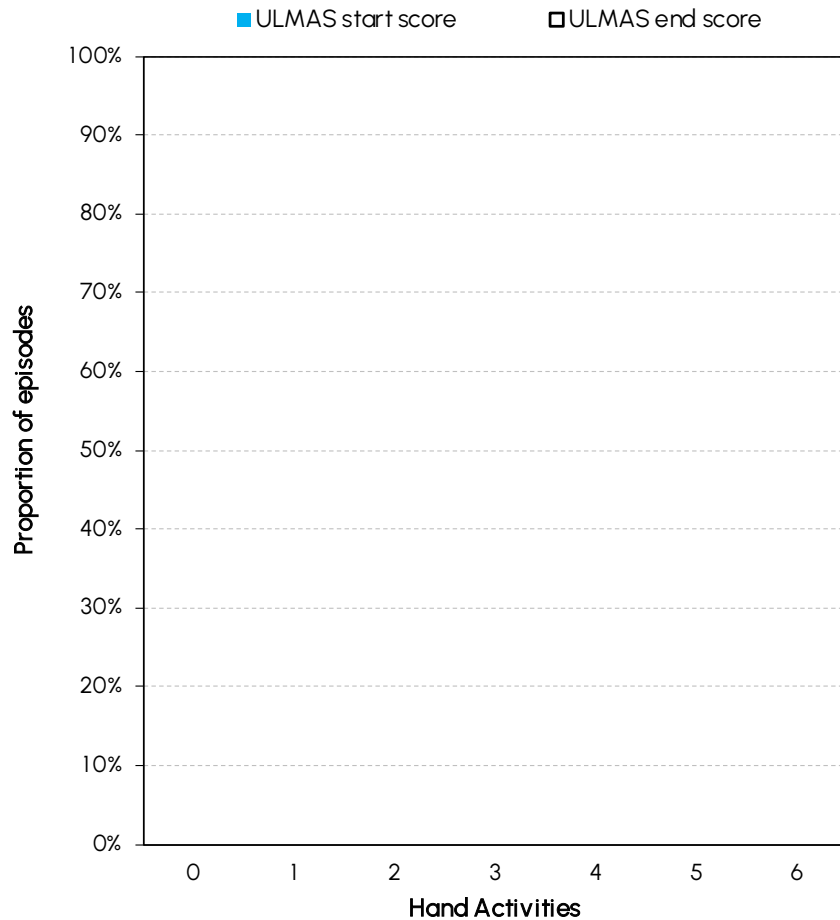
All Ambulatory CY25 (n=157)



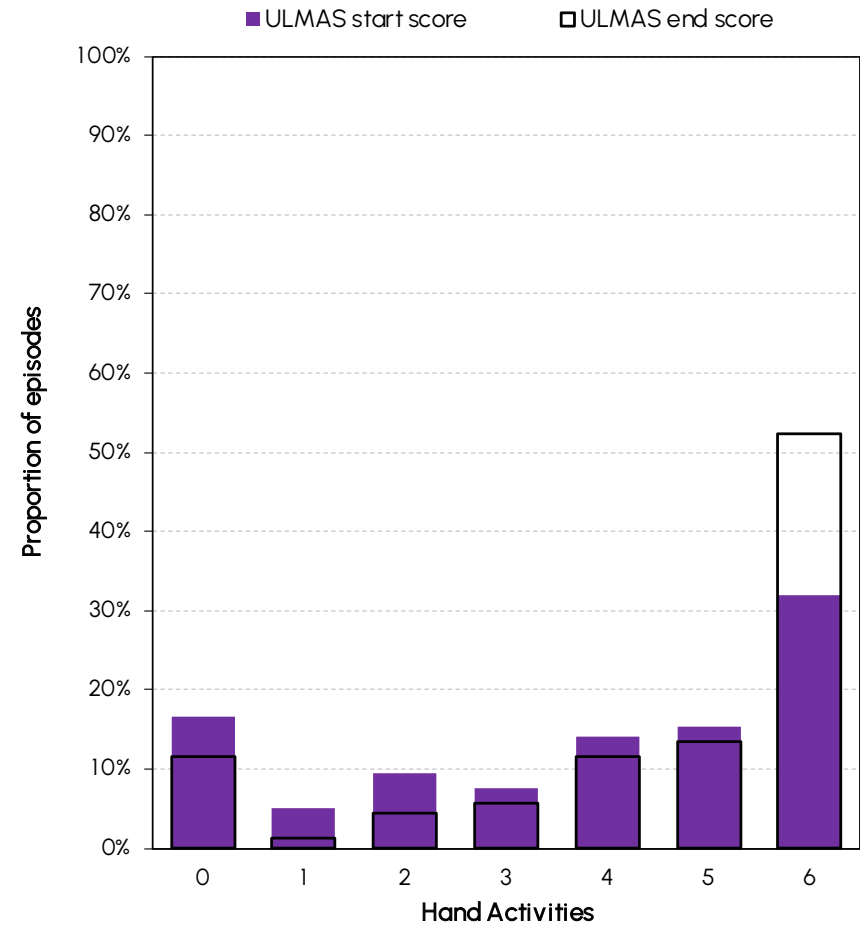
INCLUDES: completed episodes that sustained an upper limb impairment following a stroke with a valid ULMAS score at episode start and end

ULMAS start and end total – Hand activities

Your Service CY25 (n<5)



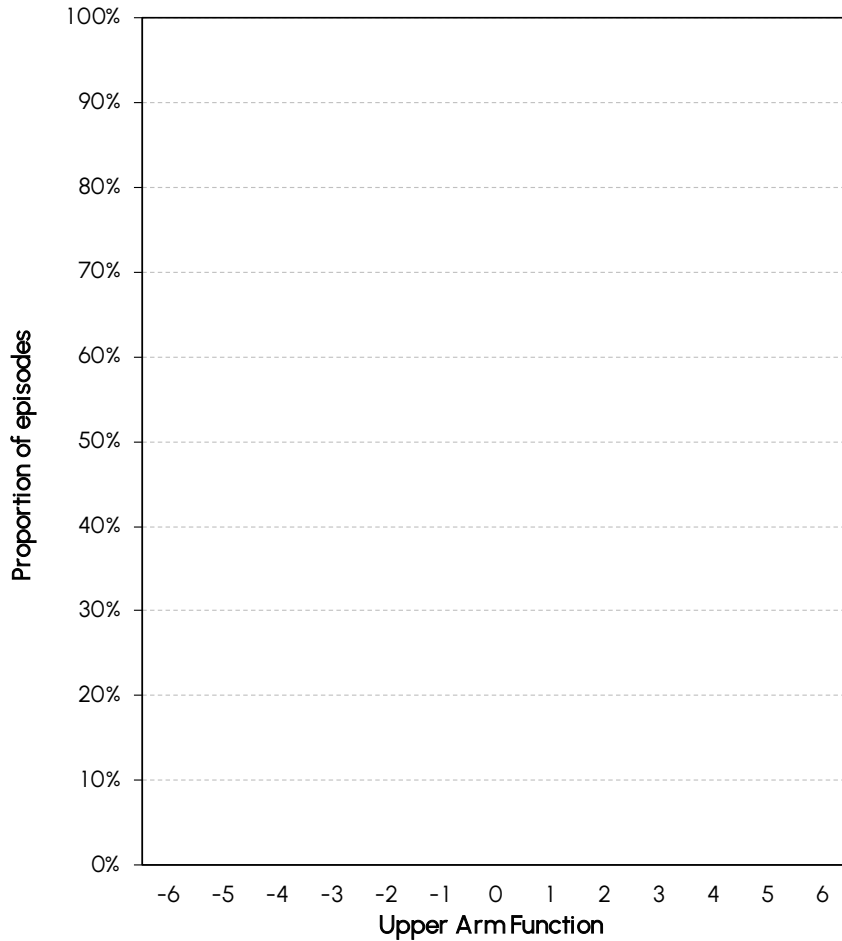
All Ambulatory CY25 (n=157)



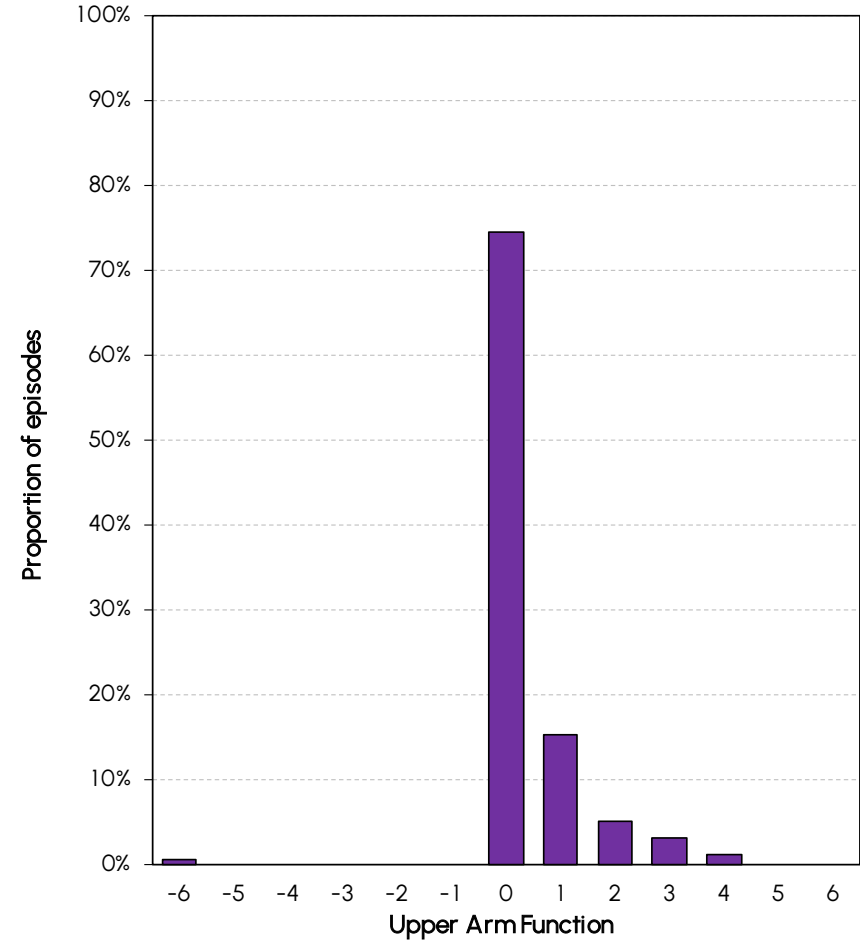
INCLUDES: completed episodes that sustained an upper limb impairment following a stroke with a valid ULMAS score at episode start and end

Change in ULMAS score – Upper arm function

Your Service CY25 (n<5)



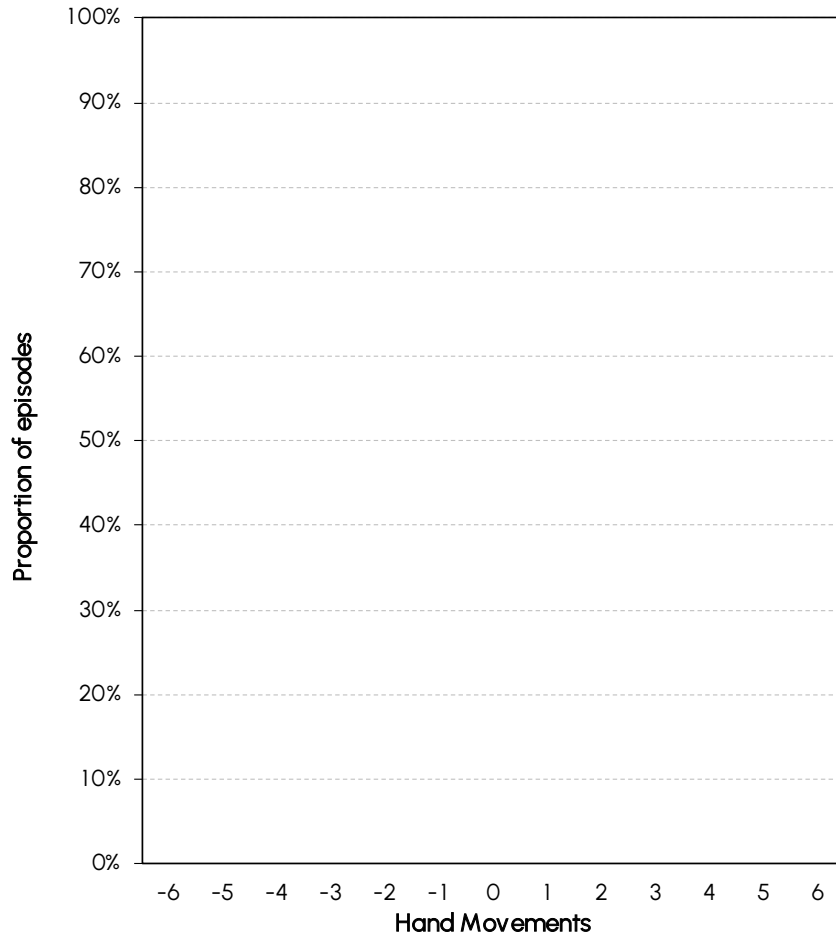
All Ambulatory CY25 (n=157)



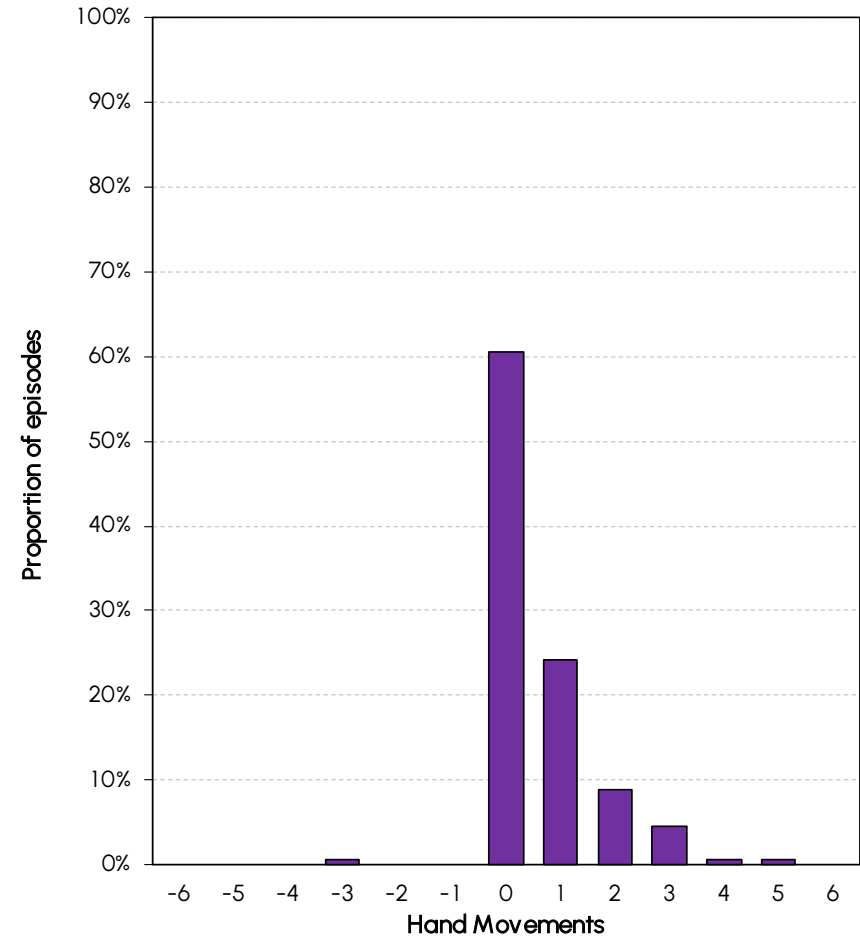
INCLUDES: completed episodes that sustained an upper limb impairment following a stroke with a valid ULMAS score at episode start and end

Change in ULMAS score – Hand movements

Your Service CY25 (n<5)



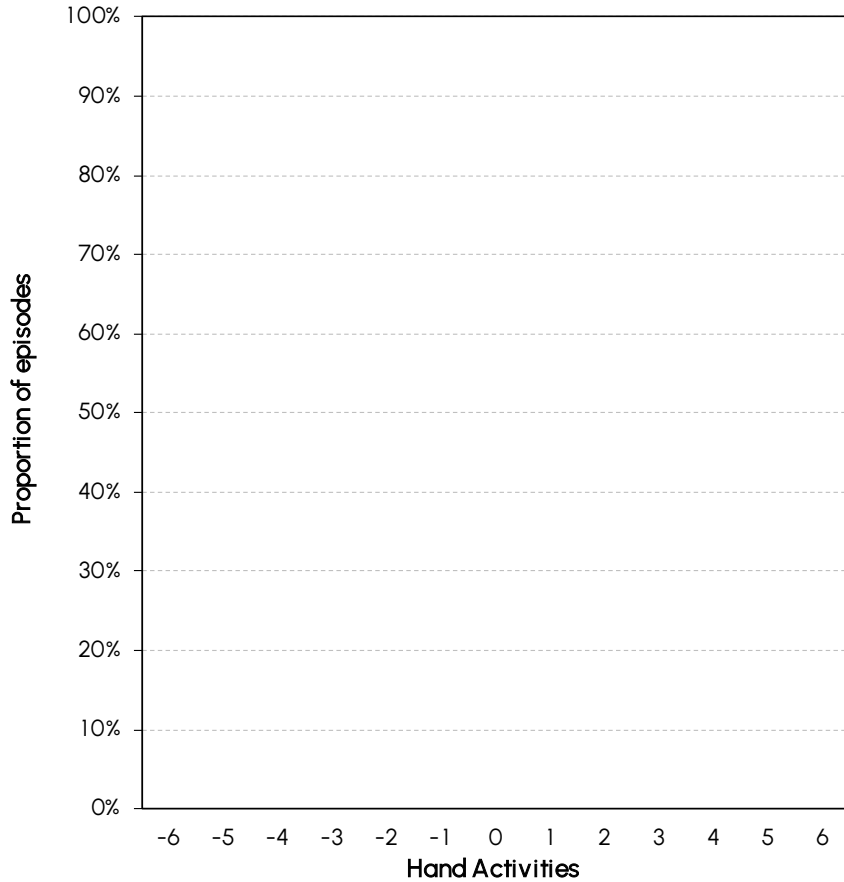
All Ambulatory CY25 (n=157)



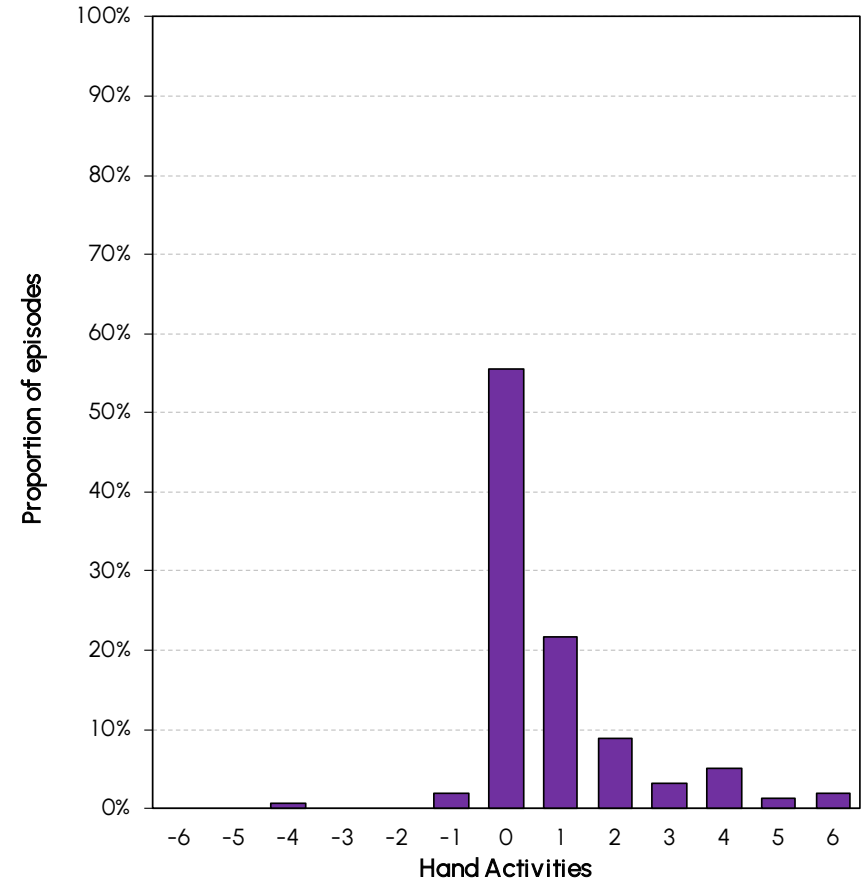
INCLUDES: completed episodes that sustained an upper limb impairment following a stroke with a valid ULMAS score at episode start and end

Change in ULMAS score – Hand activities

Your Service CY25 (n<5)



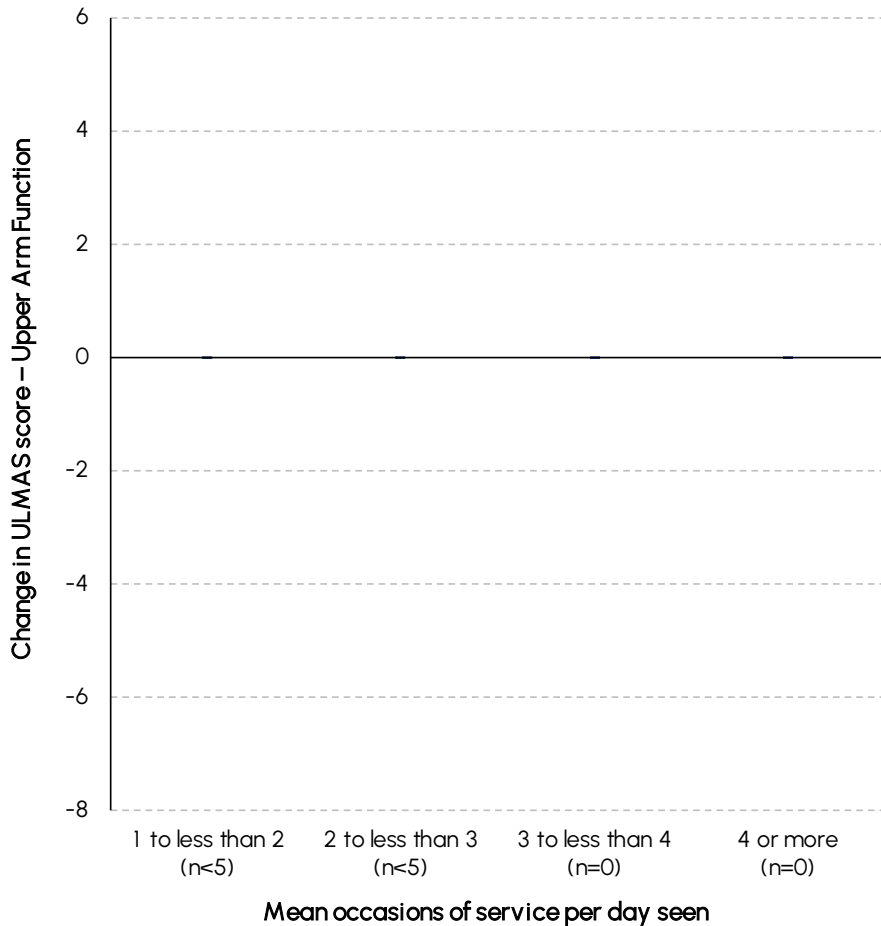
All Ambulatory CY25 (n=157)



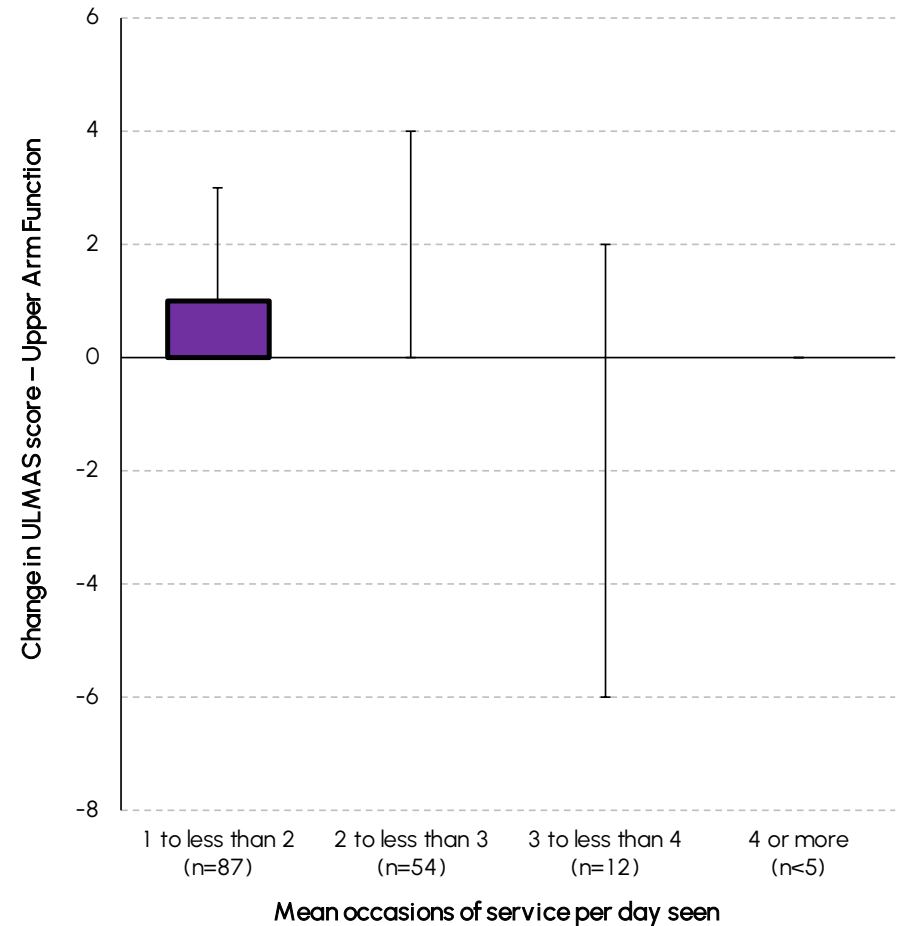
INCLUDES: completed episodes that sustained an upper limb impairment following a stroke with a valid ULMAS score at episode start and end

Change in ULMAS score by OOS/day seen – Upper arm function

Your Service CY25



All Ambulatory CY25

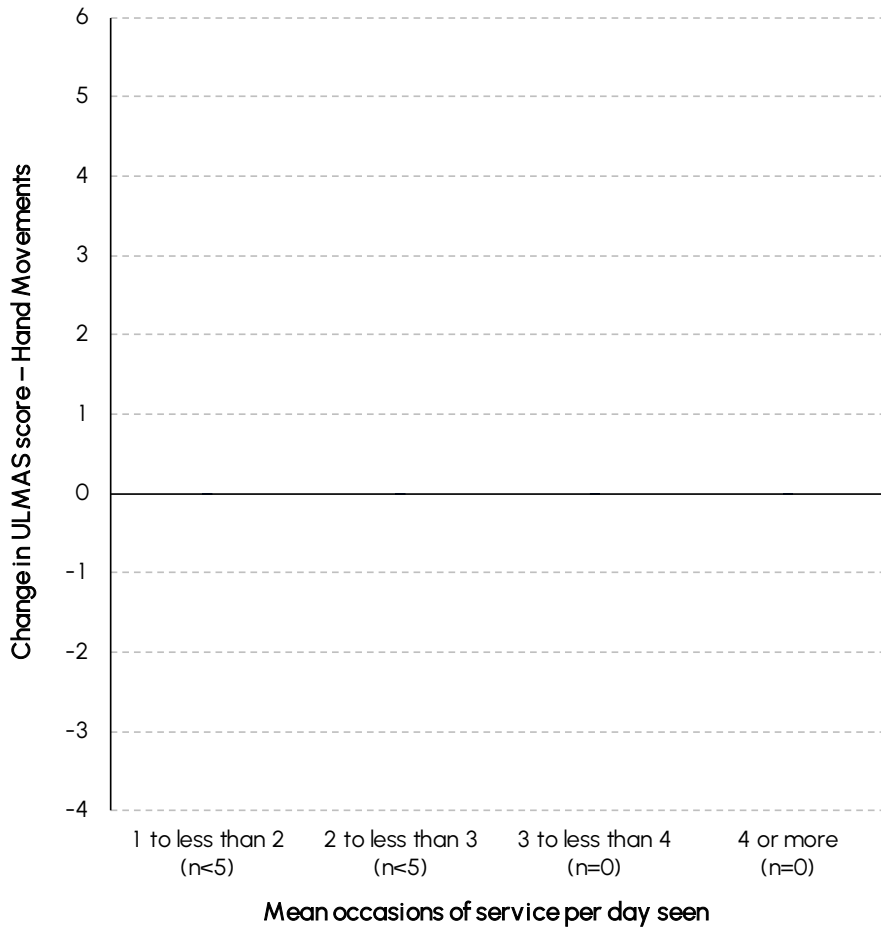


INCLUDES: completed episodes that sustained an upper limb impairment following a stroke with a valid ULMAS score at episode start and end, and both occasions of service and days seen are recorded and greater than 0 days

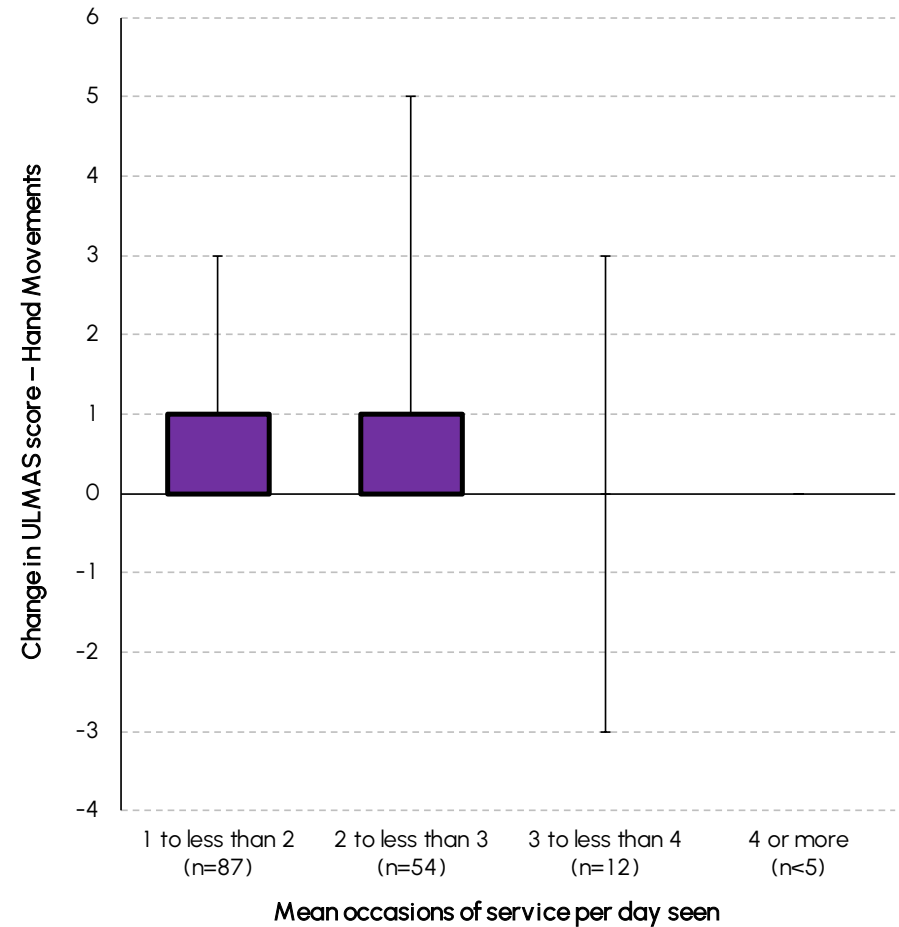
NOTE: To understand how to interpret these figures please refer to Appendix 3

Change in ULMAS score by OOS/day seen – Hand movements

Your Service CY25



All Ambulatory CY25

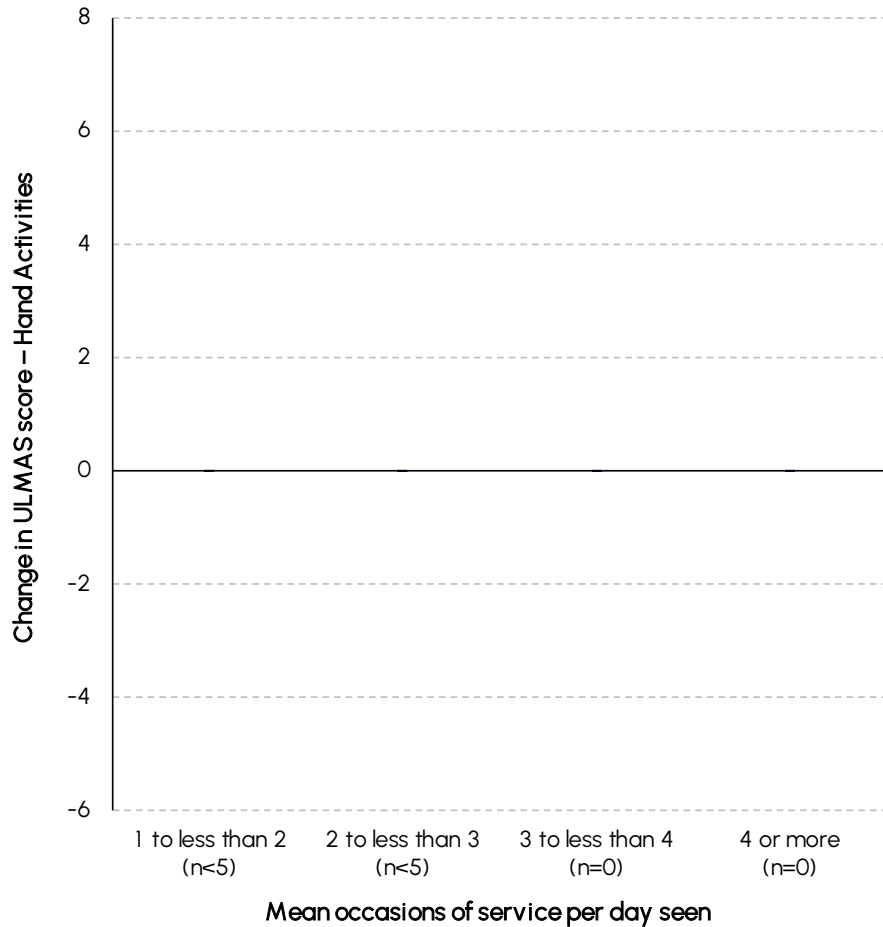


INCLUDES: completed episodes that sustained an upper limb impairment following a stroke with a valid ULMAS score at episode start and end, and both occasions of service and days seen are recorded and greater than 0 days

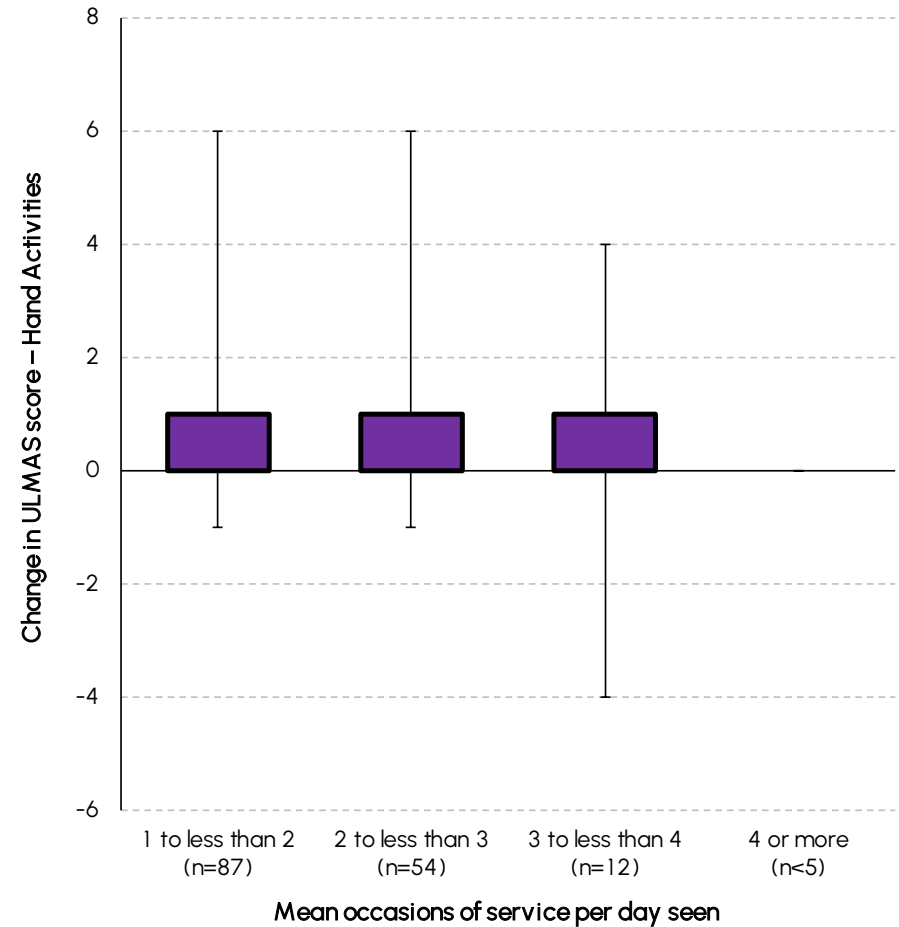
NOTE: To understand how to interpret these figures please refer to Appendix 3

Change in ULMAS score by OOS/day seen – Hand activities

Your Service CY25



All Ambulatory CY25

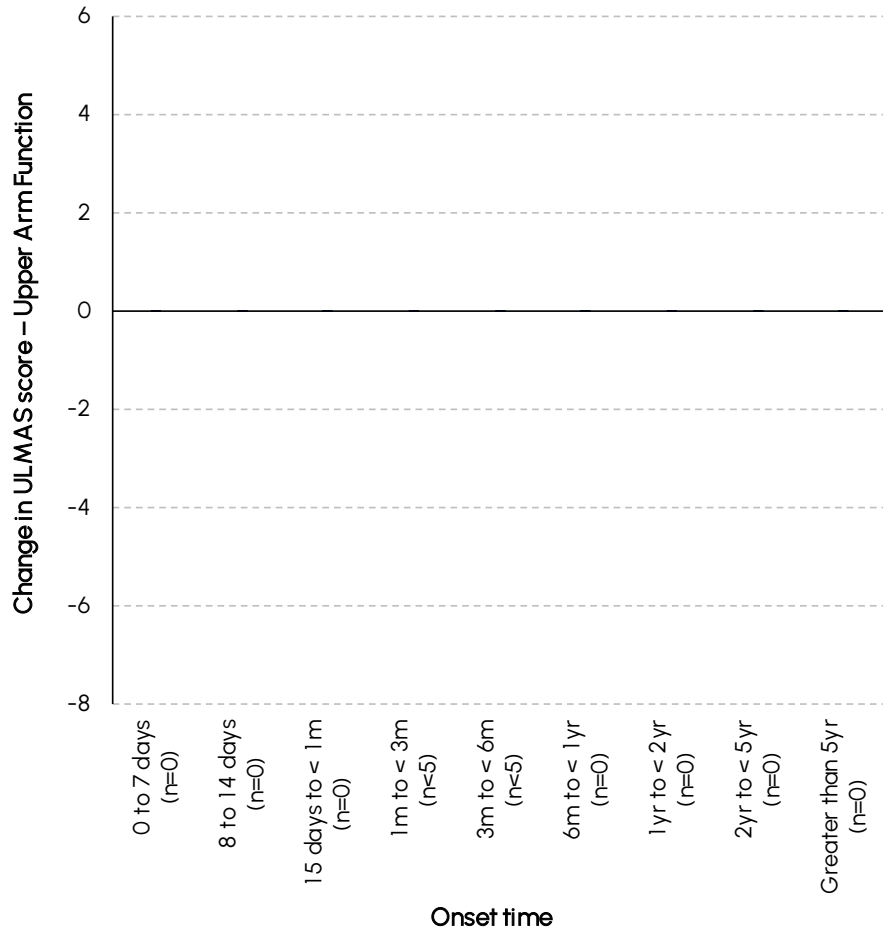


INCLUDES: completed episodes that sustained an upper limb impairment following a stroke with a valid ULMAS score at episode start and end, and both occasions of service and days seen are recorded and greater than 0 days

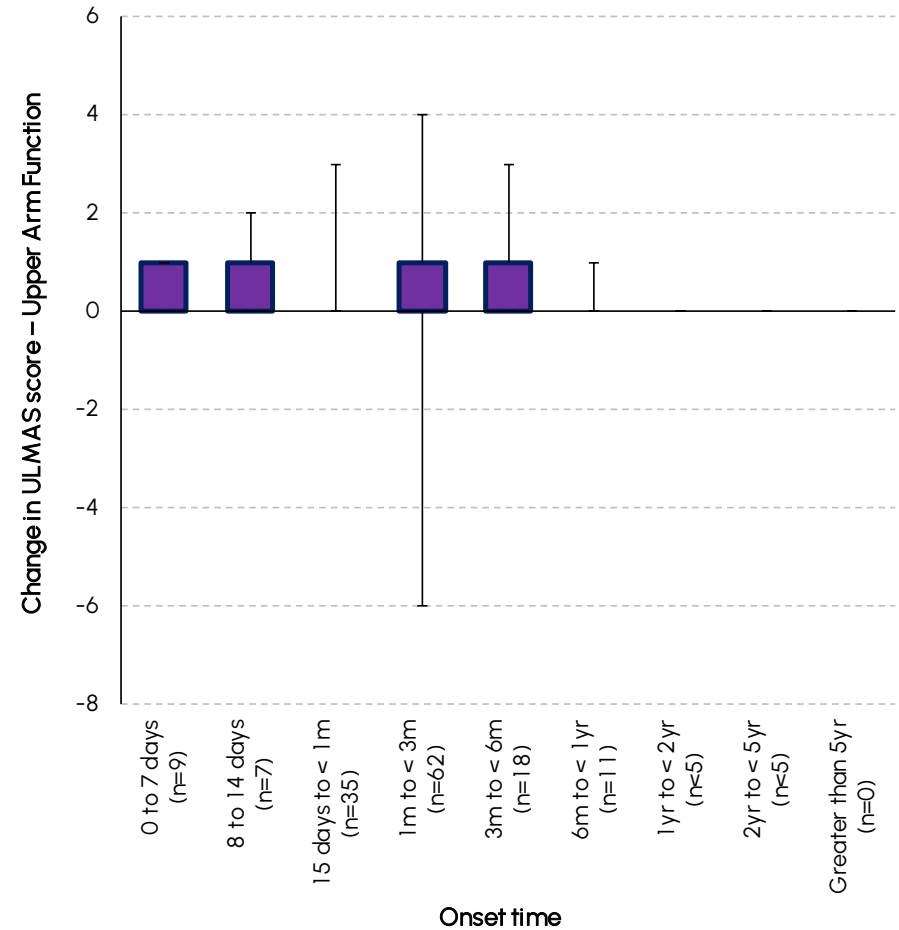
NOTE: To understand how to interpret these figures please refer to Appendix 3

Change in ULMAS score by onset time – Upper arm function

Your Service CY25



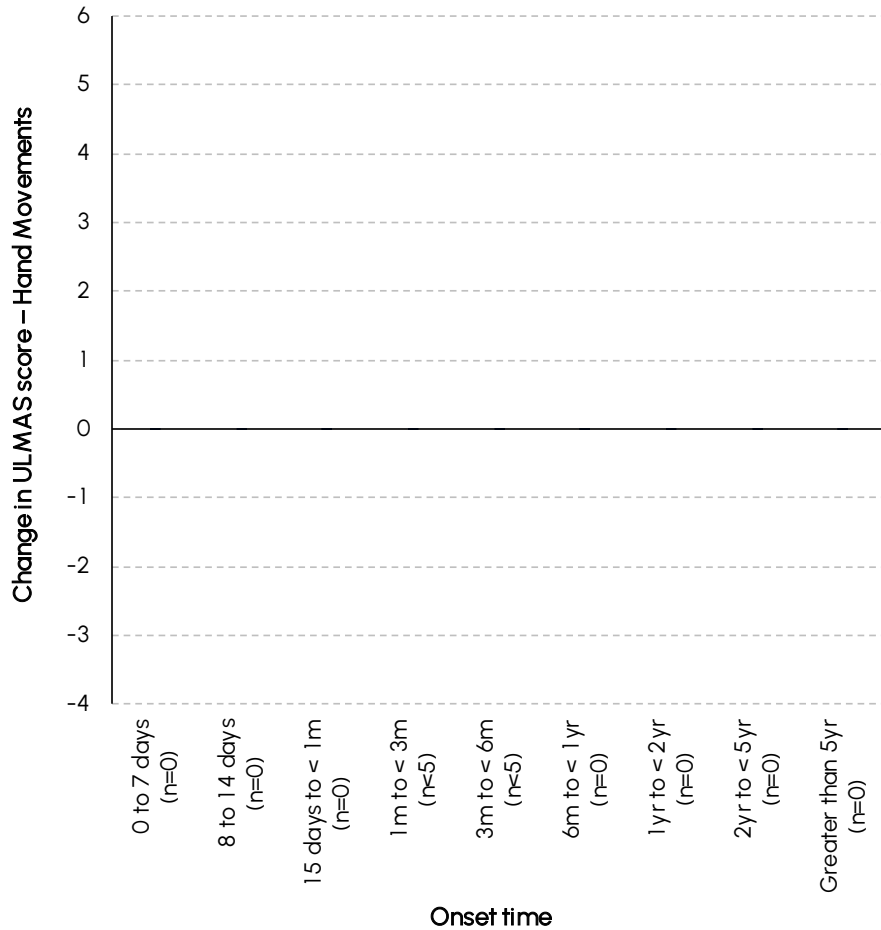
All Ambulatory CY25



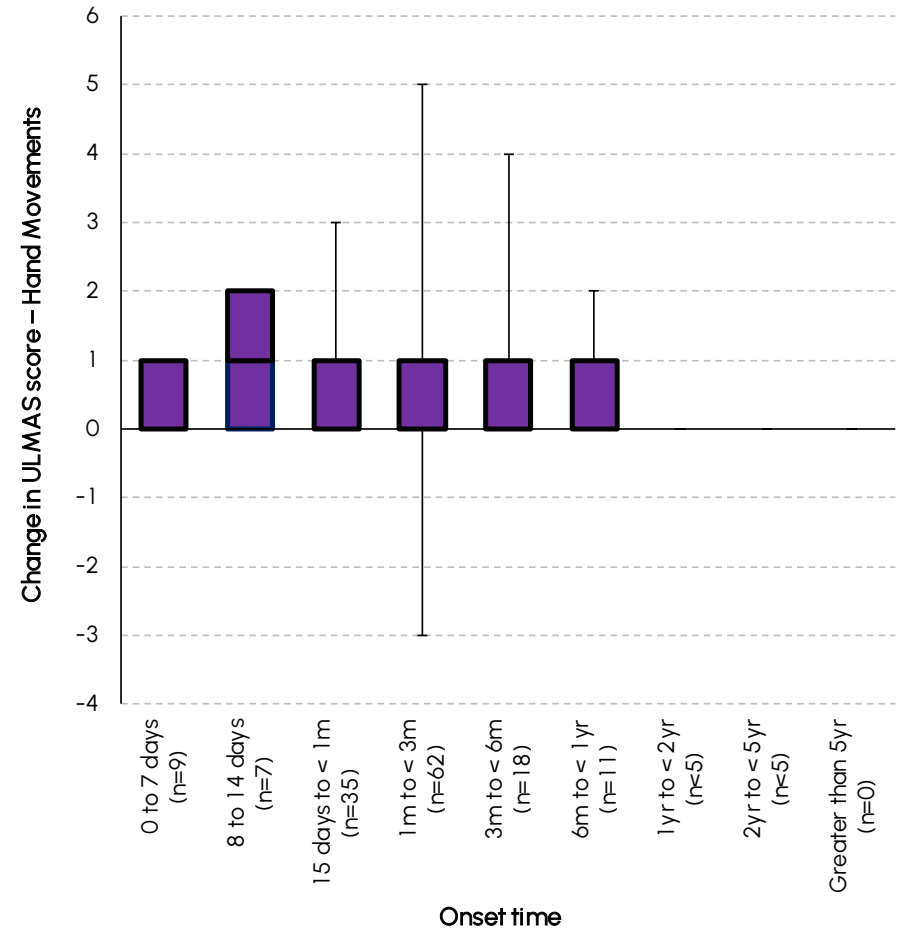
INCLUDES: completed episodes that sustained an upper limb impairment following a stroke with a valid ULMAS score at episode start and end, and onset time known.
 NOTE: To understand how to interpret these figures please refer to Appendix 3

Change in ULMAS score by onset time – Hand movements

Your Service CY25



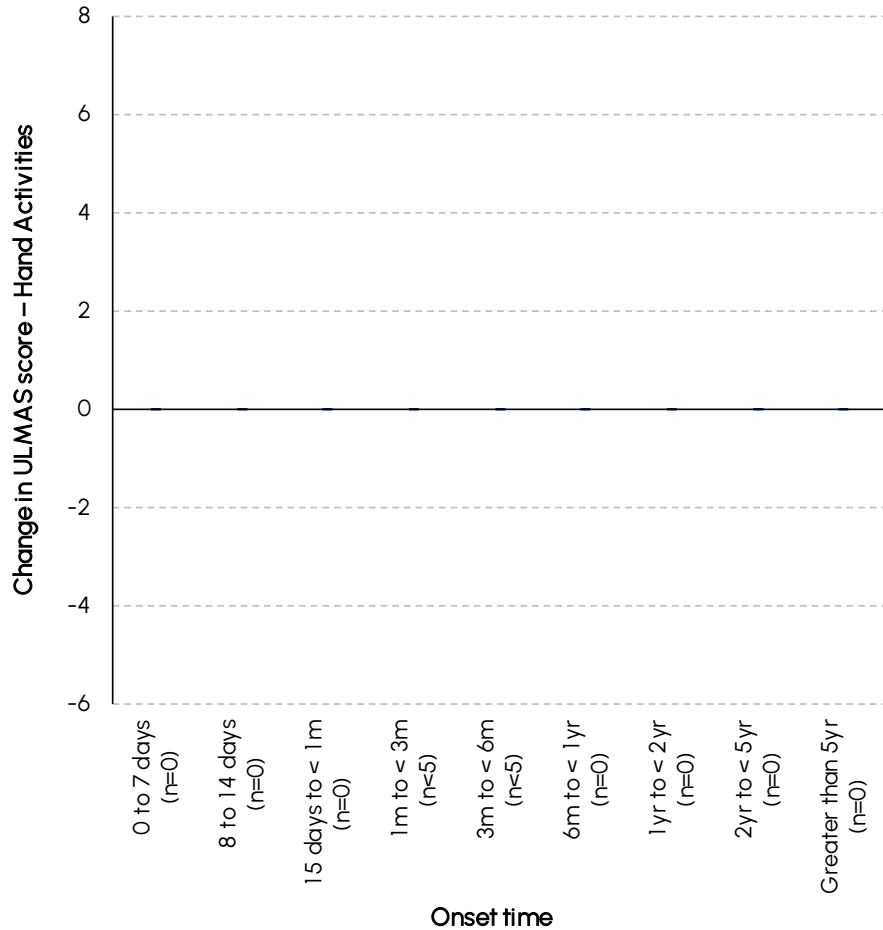
All Ambulatory CY25



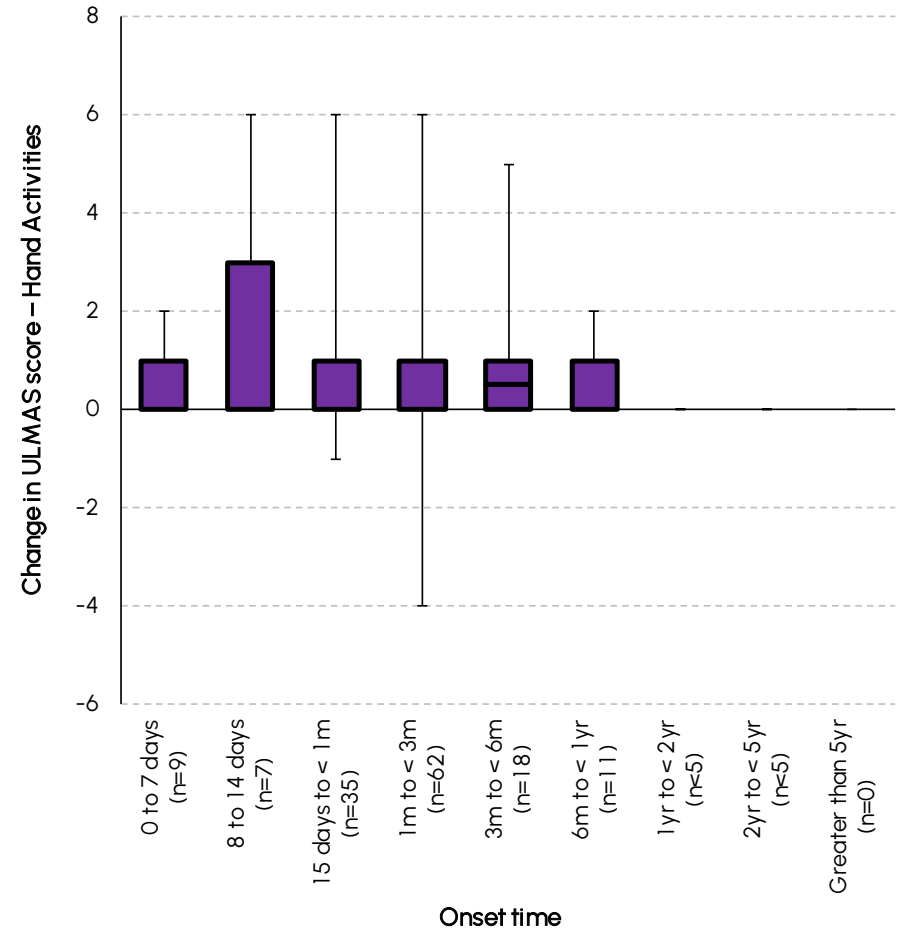
INCLUDES: completed episodes that sustained an upper limb impairment following a stroke with a valid ULMAS score at episode start and end, and onset time known.
 NOTE: To understand how to interpret these figures please refer to Appendix 3

Change in ULMAS score by onset time – Hand activities

Your Service CY25



All Ambulatory CY25



INCLUDES: completed episodes that sustained an upper limb impairment following a stroke with a valid ULMAS score at episode start and end, and onset time known.
 NOTE: To understand how to interpret these figures please refer to Appendix 3

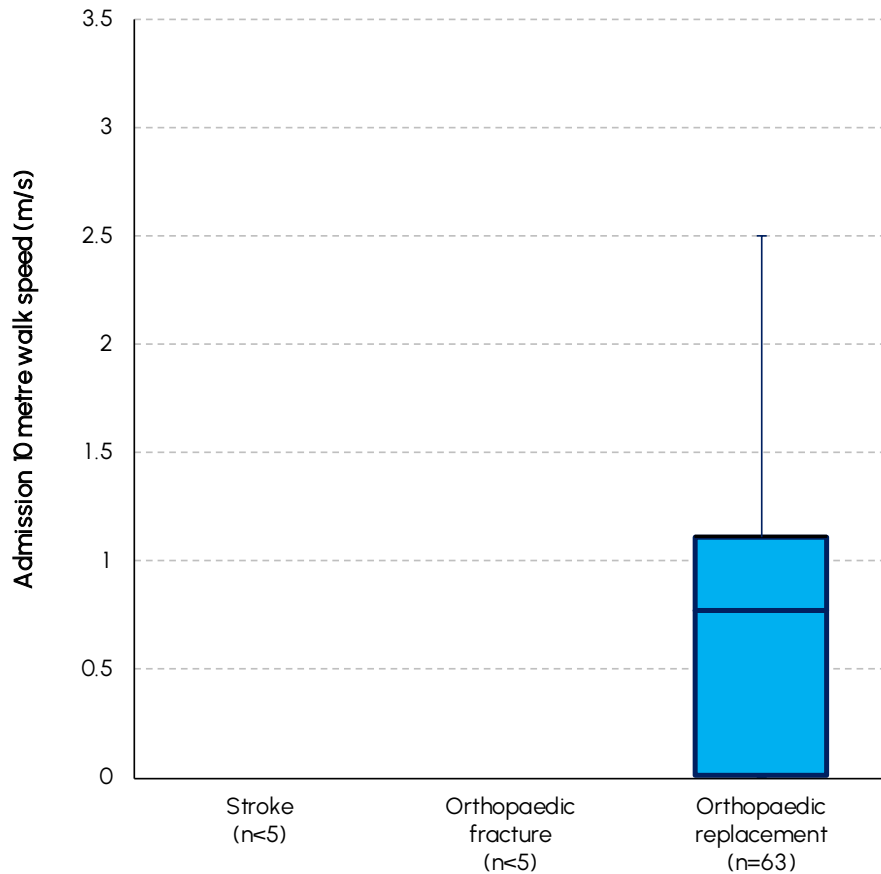
This data item is collected in addition to the Australian Modified Lawton's IADL Scale for patients who may have gait impairment as a result of:

- Stroke
- Lower limb orthopaedic injury or joint replacement
- Amputation of lower limb (optional measure)

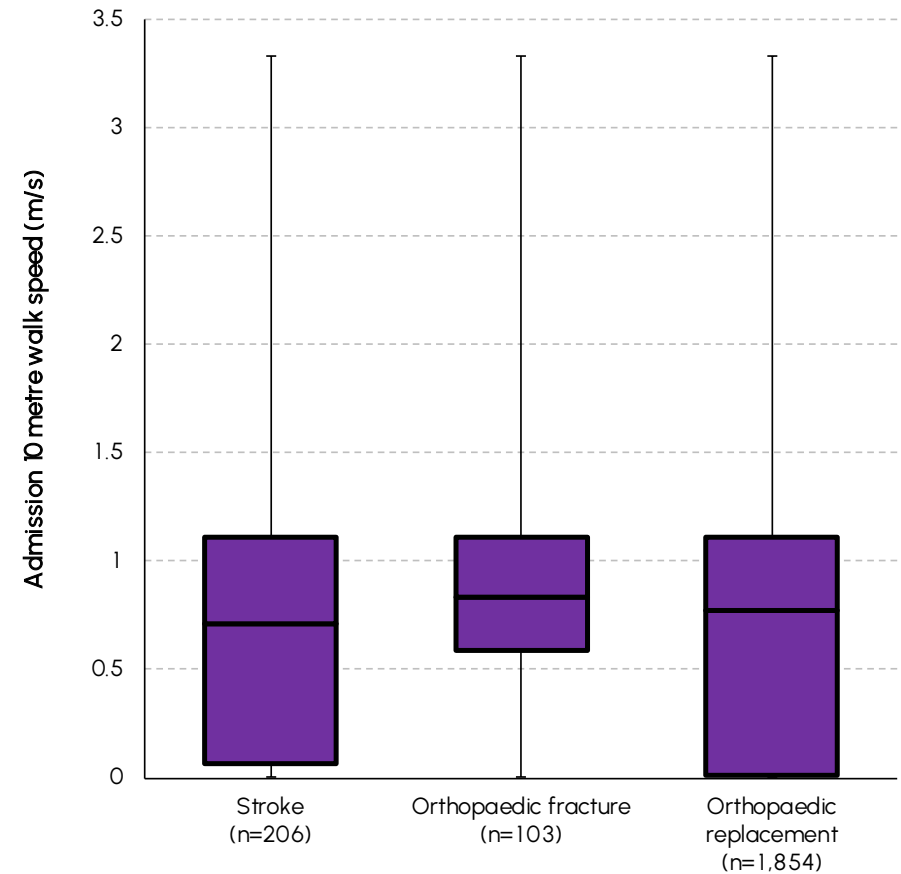
For further information refer to the AROC Ambulatory Data Dictionary V4.1 for Clinicians.

Admission timed 10 metre walk test speed by impairment

Your Service CY25



All Ambulatory CY25

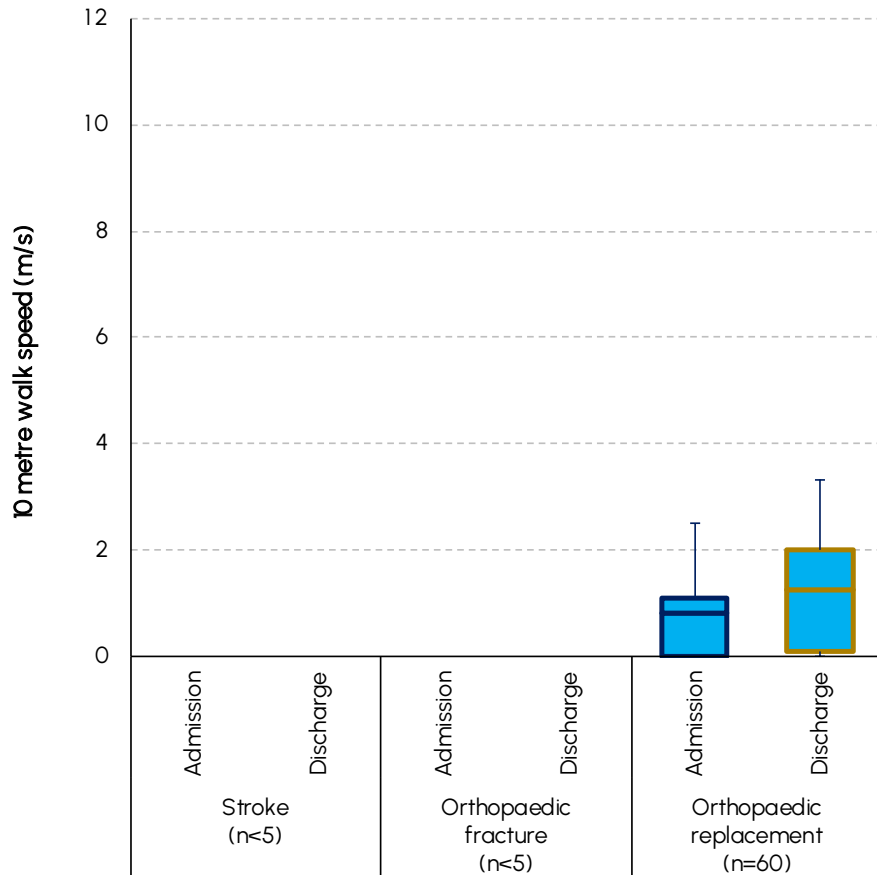


INCLUDES: episodes with a recorded 10 metre walk at episode start for impairments that may have gait impairment as a result of stroke, lower limb orthopaedic injury or joint replacement or amputation of lower limb (optional measure). For a full list of impairment codes please refer to Appendix 4

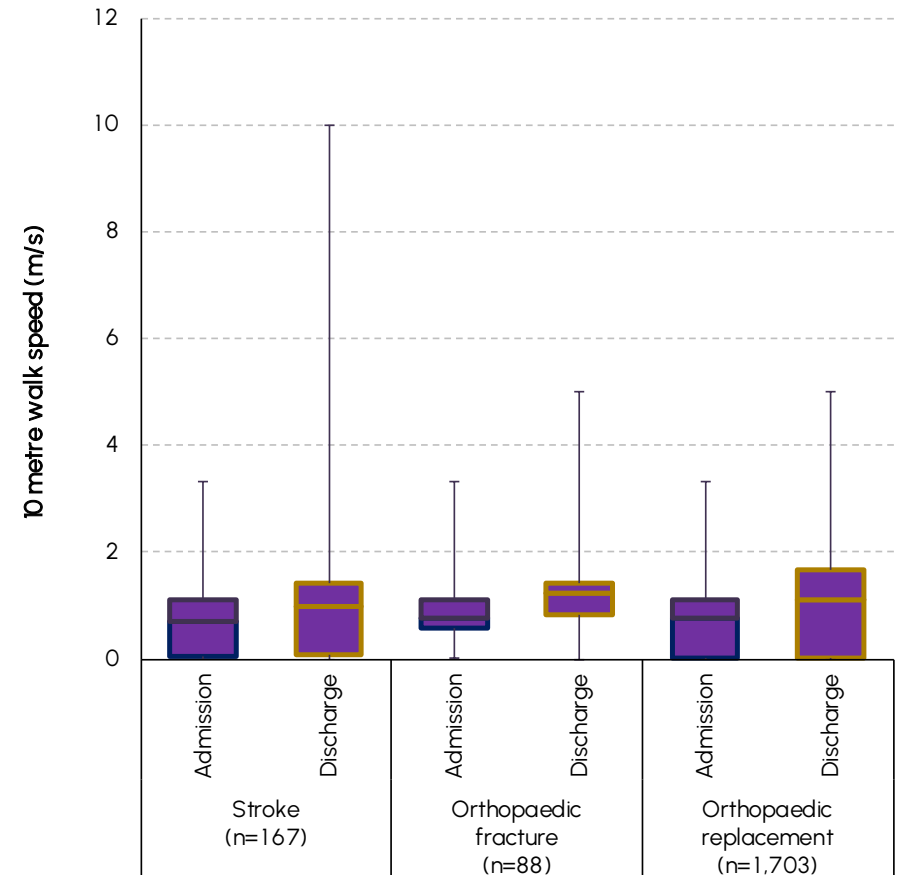
NOTE: To understand how to interpret these figures please refer to Appendix 3

Admission and discharge timed 10 metre walk test speed by impairment

Your Service CY25



All Ambulatory CY25

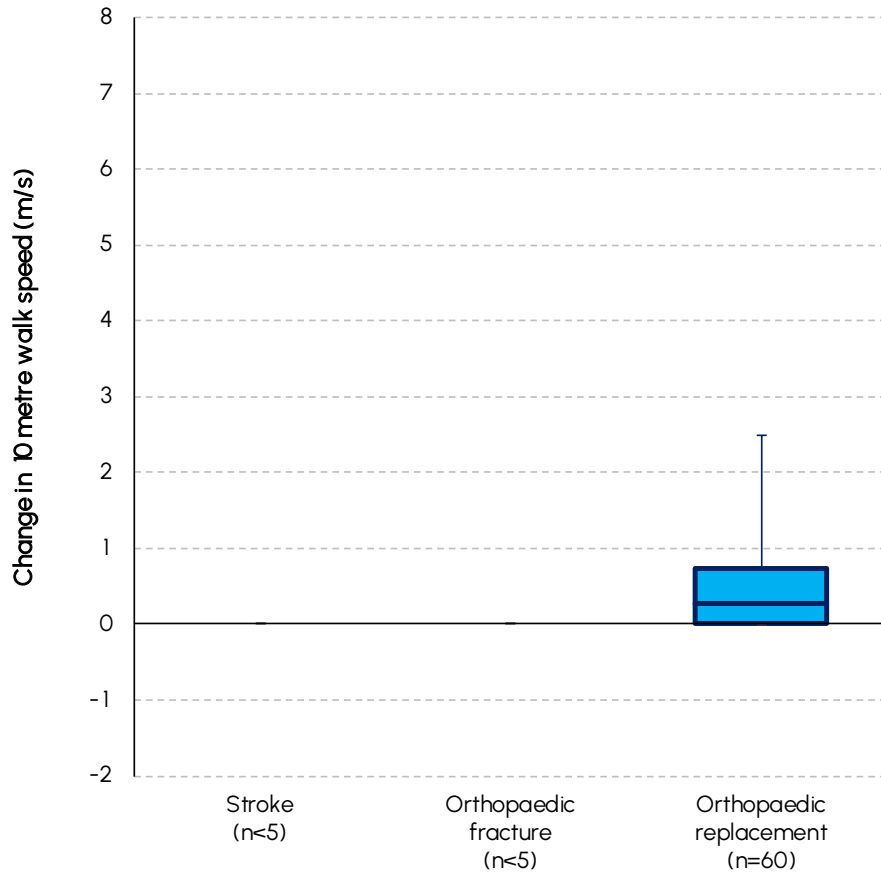


INCLUDES: episodes with a recorded 10 metre walk at episode start and end for impairments that may have gait impairment as a result of stroke, lower limb orthopaedic injury or joint replacement or amputation of lower limb (optional measure). For a full list of impairment codes please refer to Appendix 4

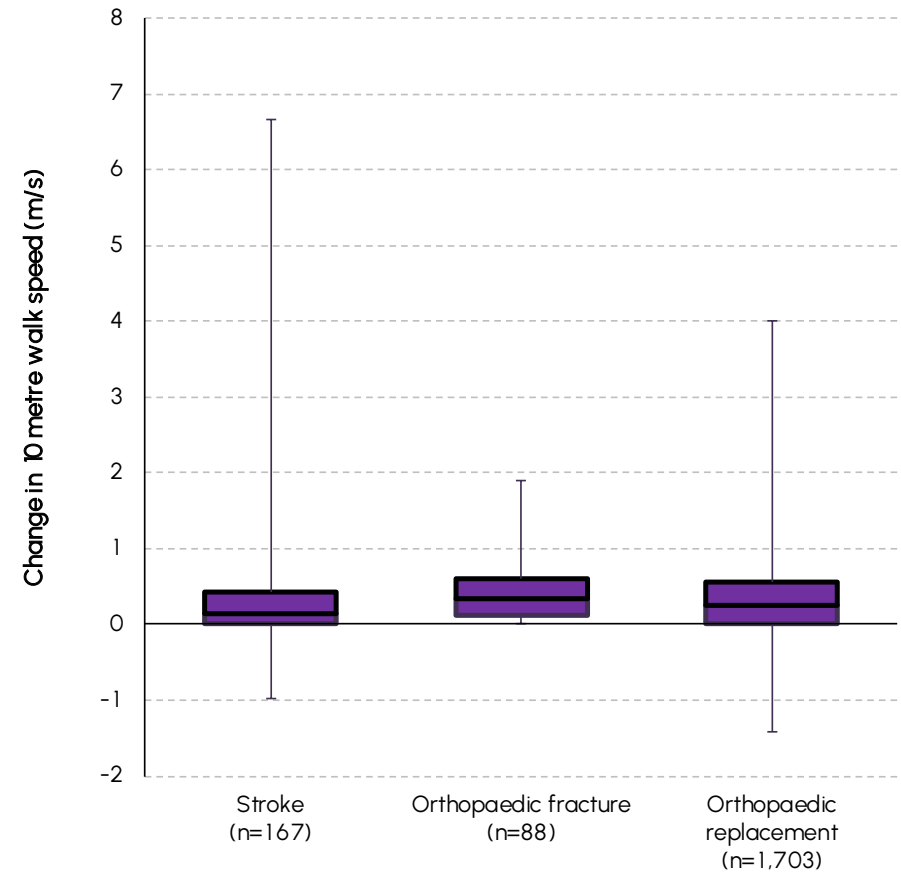
NOTE: To understand how to interpret these figures please refer to Appendix 3

Change in 10 metre walk speed by impairment

Your Service CY25



All Ambulatory CY25

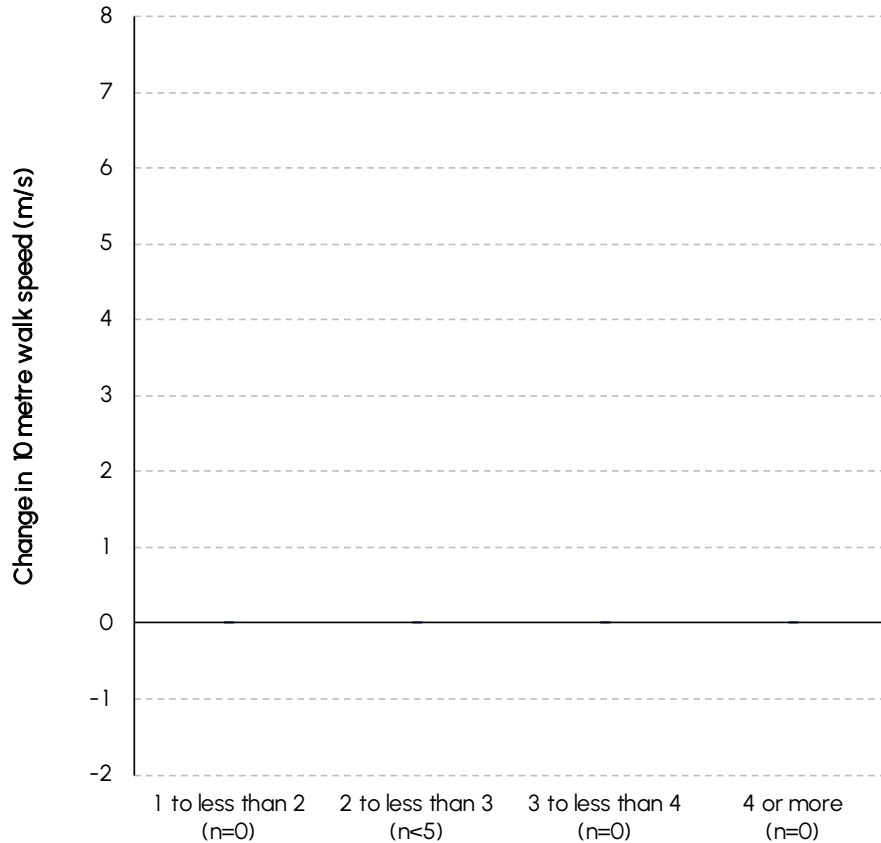


INCLUDES: episodes with a recorded 10 metre walk at episode start and end for impairments that may have gait impairment as a result of stroke, lower limb orthopaedic injury or joint replacement or amputation of lower limb (optional measure). For a full list of impairment codes please refer to Appendix 4

NOTE: To understand how to interpret these figures please refer to Appendix 3

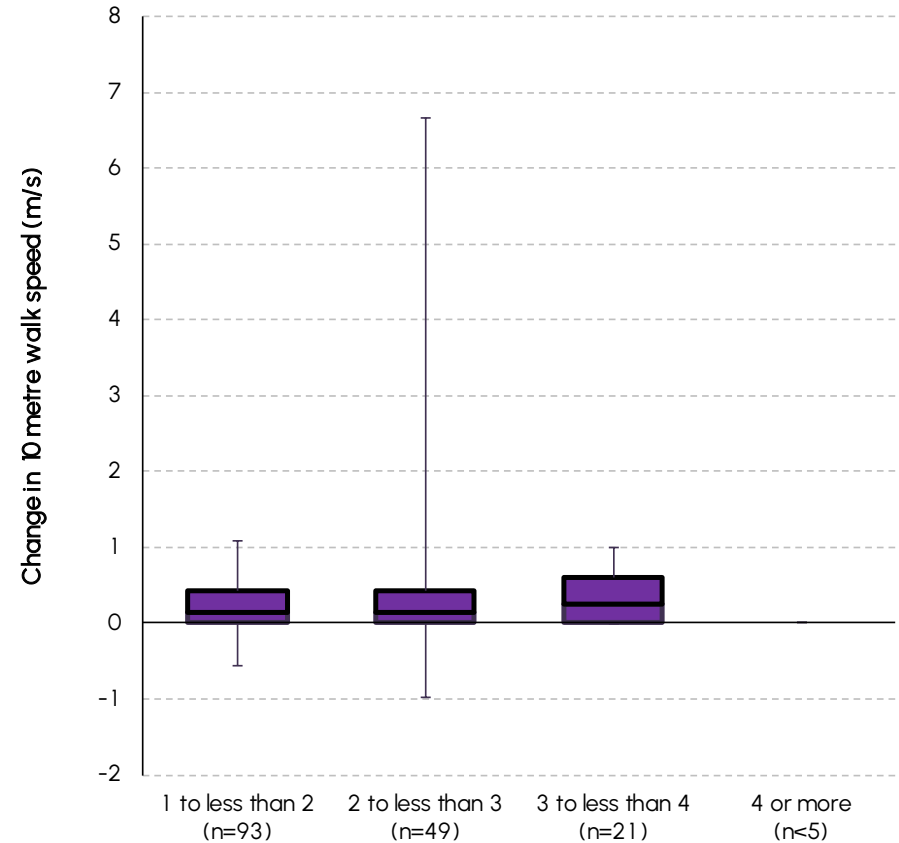
Change in 10 metre walk speed by OOS/day seen – Stroke

Your Service CY25



Mean occasions of service per day seen

All Ambulatory CY25



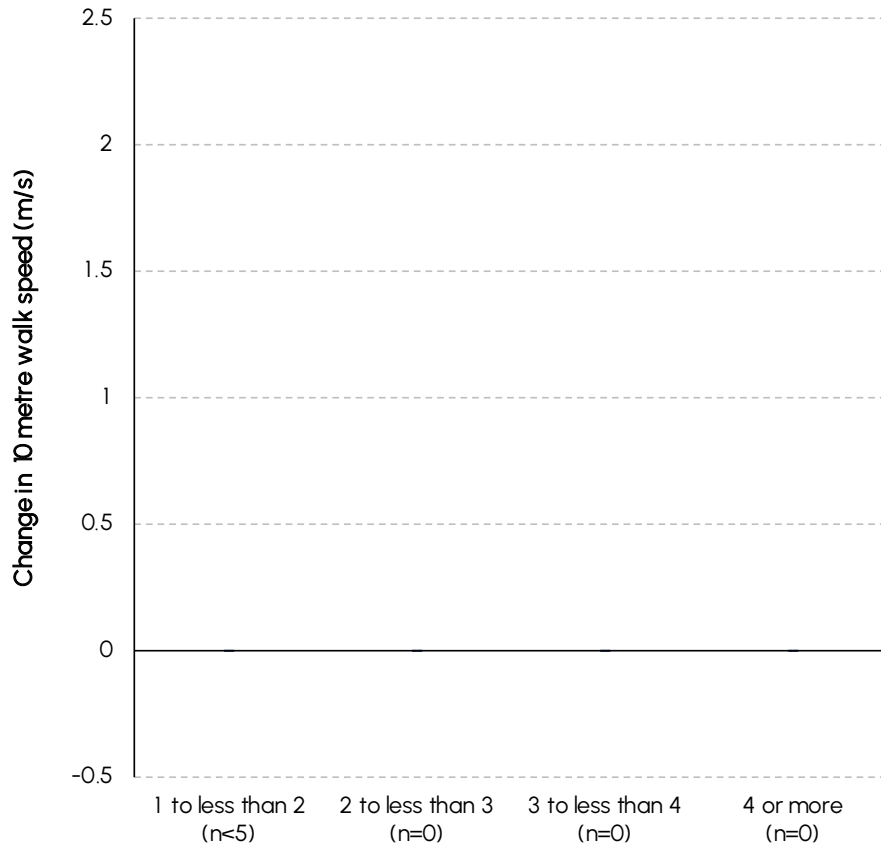
Mean occasions of service per day seen

INCLUDES: episodes with a recorded 10 metre walk at episode start and end and both occasions of service and days seen are recorded and greater than 0 days for impairments that may have gait impairment as a result of stroke. For a full list of impairment codes please refer to Appendix 4

NOTE: To understand how to interpret these figures please refer to Appendix 3

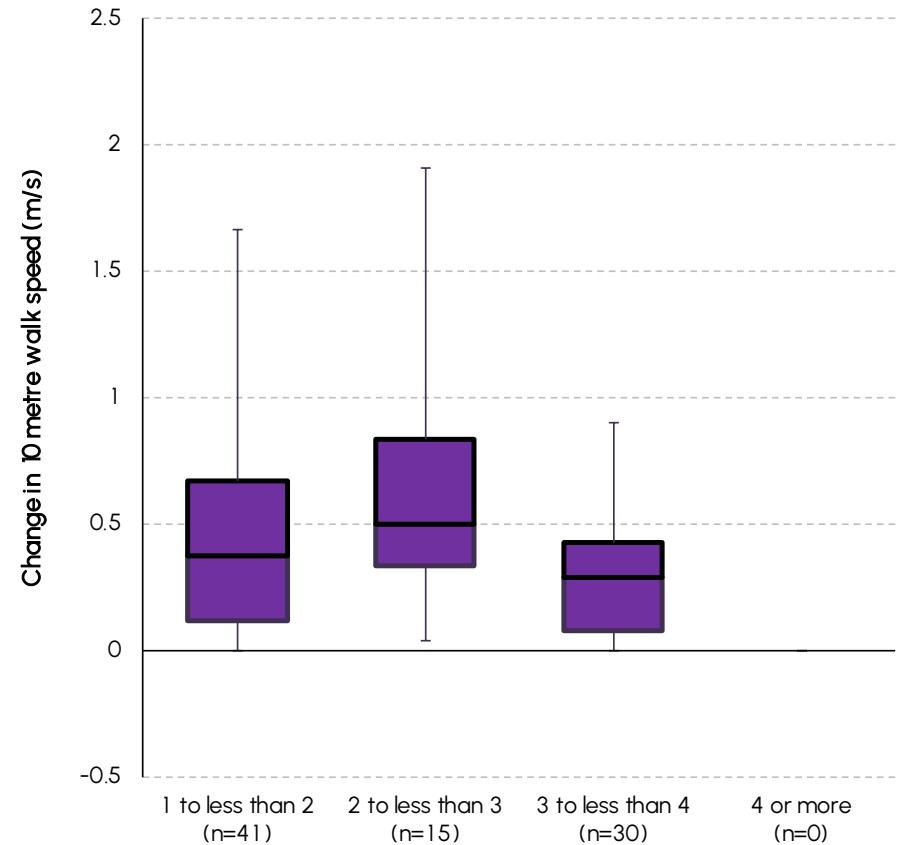
Change in 10 metre walk speed by OOS/day seen – Orthopaedic fractures

Your Service CY25



Mean occasions of service per day seen

All Ambulatory CY25



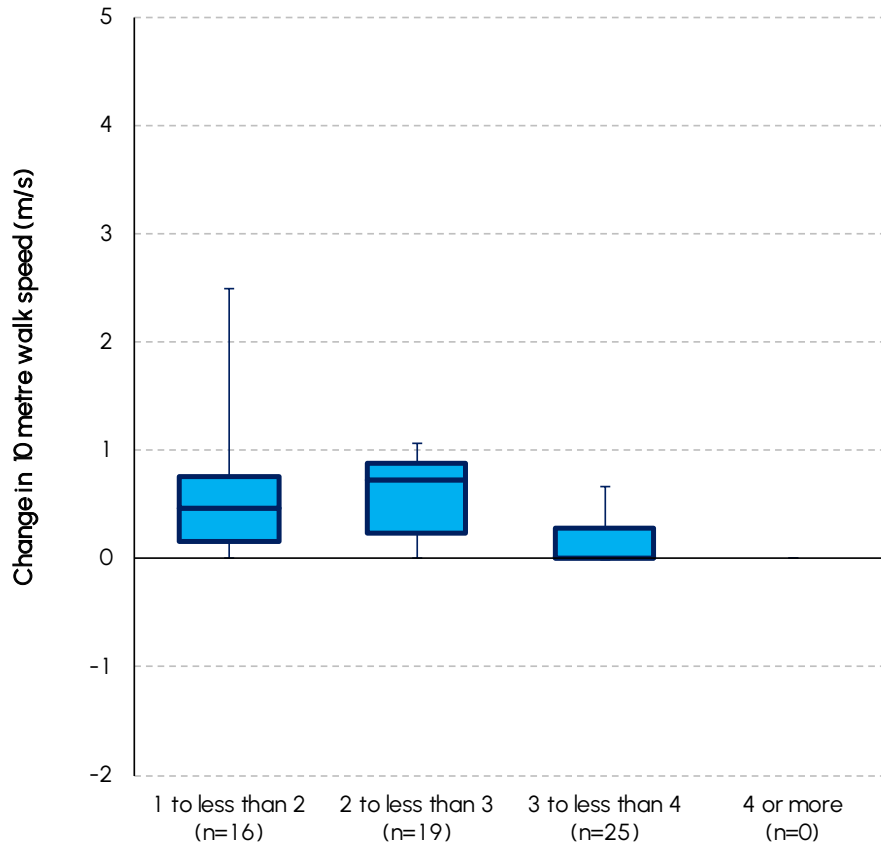
Mean occasions of service per day seen

INCLUDES: episodes with a recorded 10 metre walk at episode start and end and both occasions of service and days seen are recorded and greater than 0 days for impairments that may have gait impairment as a result of lower limb orthopaedic injury. For a full list of impairment codes please refer to Appendix 4

NOTE: To understand how to interpret these figures please refer to Appendix 3

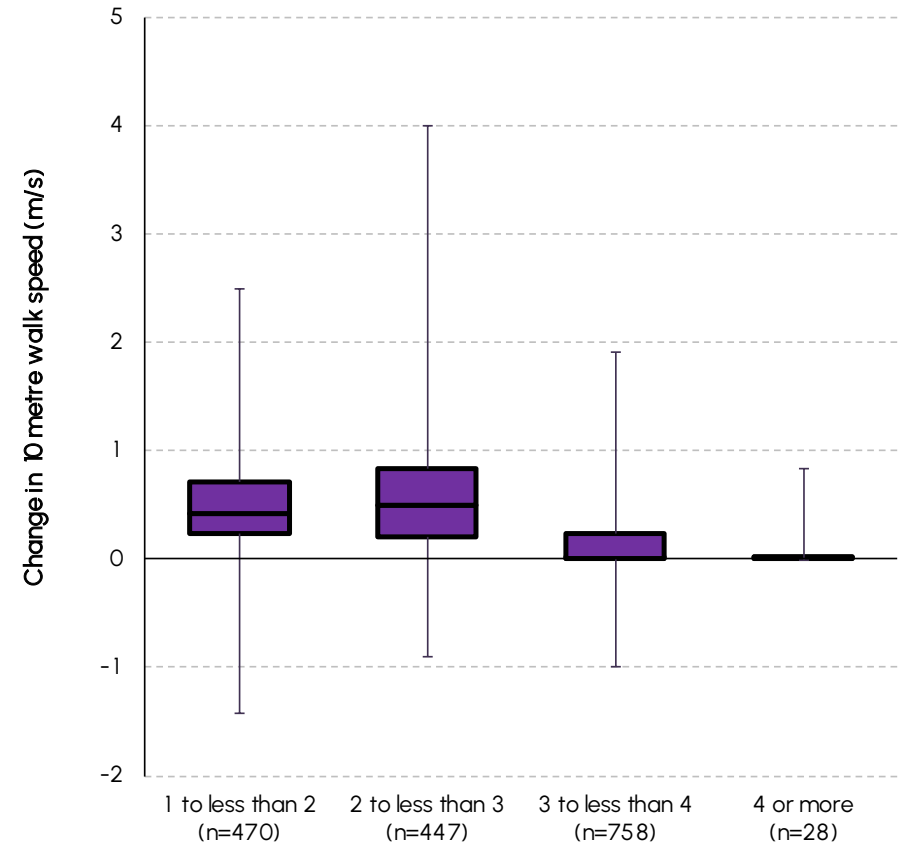
Change in 10 metre walk speed by OOS/day seen – Orthopaedic replacements

Your Service CY25



Mean occasions of service per day seen

All Ambulatory CY25



Mean occasions of service per day seen

INCLUDES: episodes with a recorded 10 metre walk at episode start and end and both occasions of service and days seen are recorded and greater than 0 days for impairments that may have gait impairment as a result of orthopaedic joint replacement . For a full list of impairment codes please refer to Appendix 4

NOTE: To understand how to interpret these figures please refer to Appendix 3

De Morton Mobility Index (DEMMI)

- This data item is collected in addition to the Australian Modified Lawton's IADL Scale for patients who may have functional impairment as a result of deconditioning.
- The DEMMI is an advanced instrument for accurately measuring and monitoring changes in mobility for all older adults.

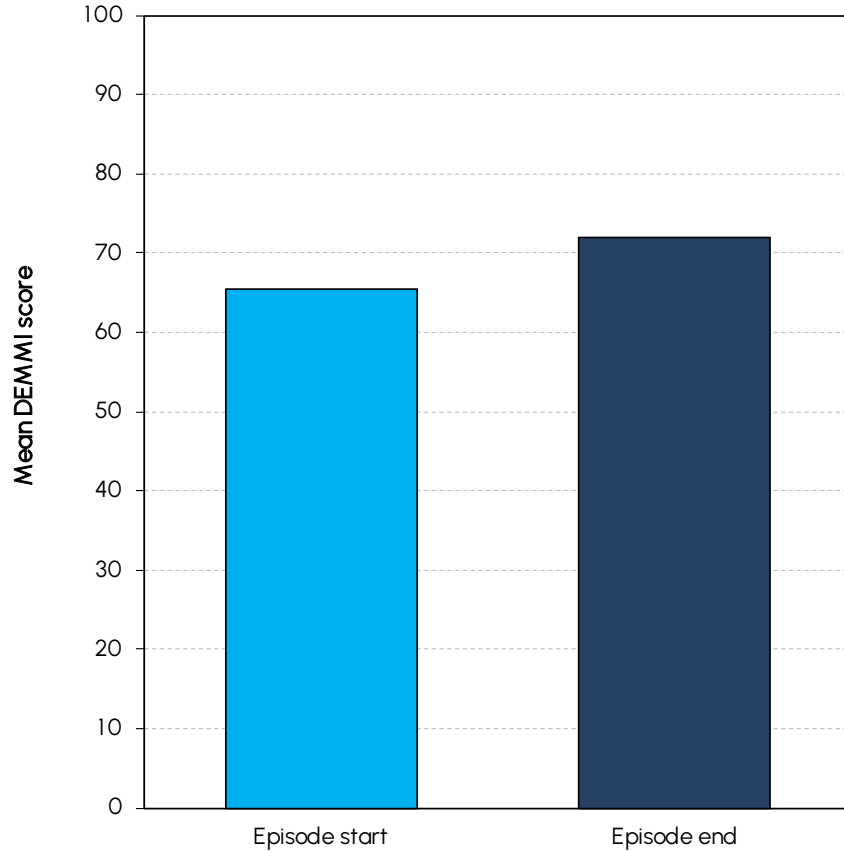
Only complete for rehabilitation episodes with AROC impairment codes:

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

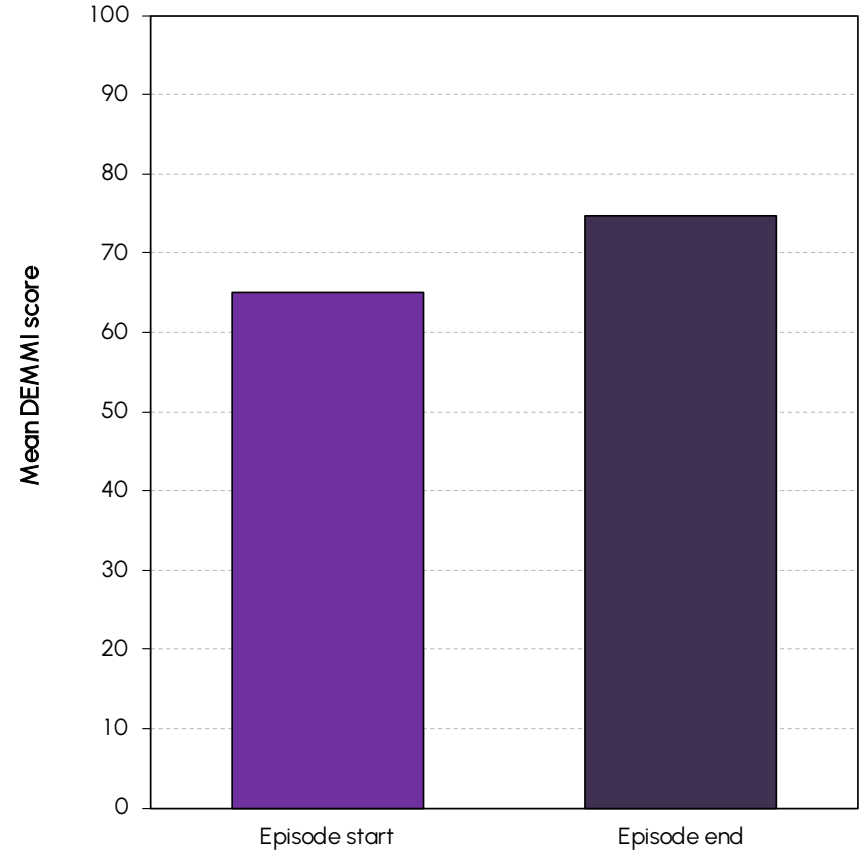
For further information refer to the AROC Ambulatory Data Dictionary V4.1 for Clinicians.

Average DEMMI start and end score

Your Service CY25 (n=12)



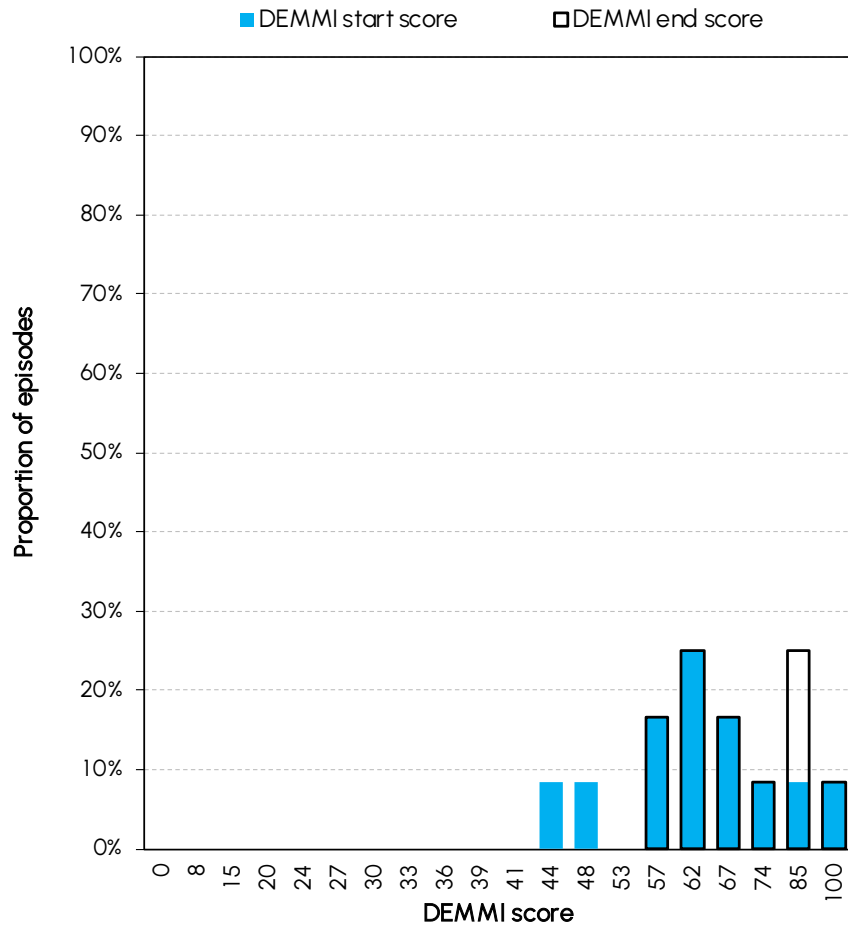
All Ambulatory CY25 (n=361)



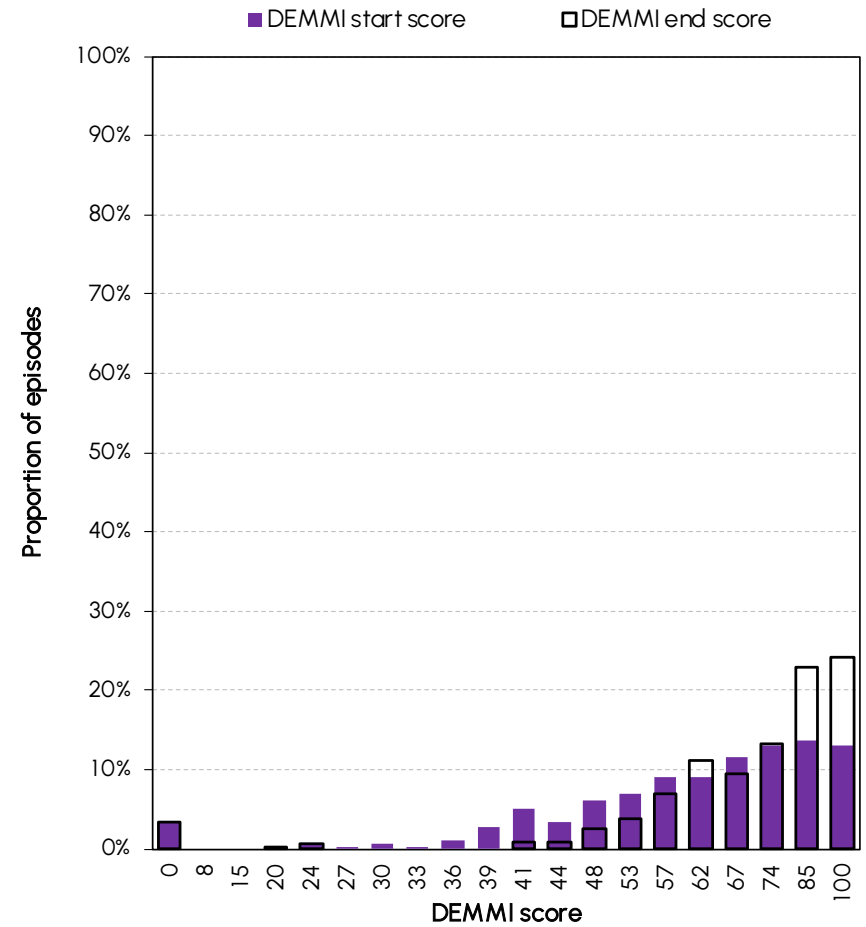
INCLUDES: completed reconditioning episodes with valid DEMMI scores at episode start and end

DEMMI start and end total – all episodes

Your Service CY25 (n=12)



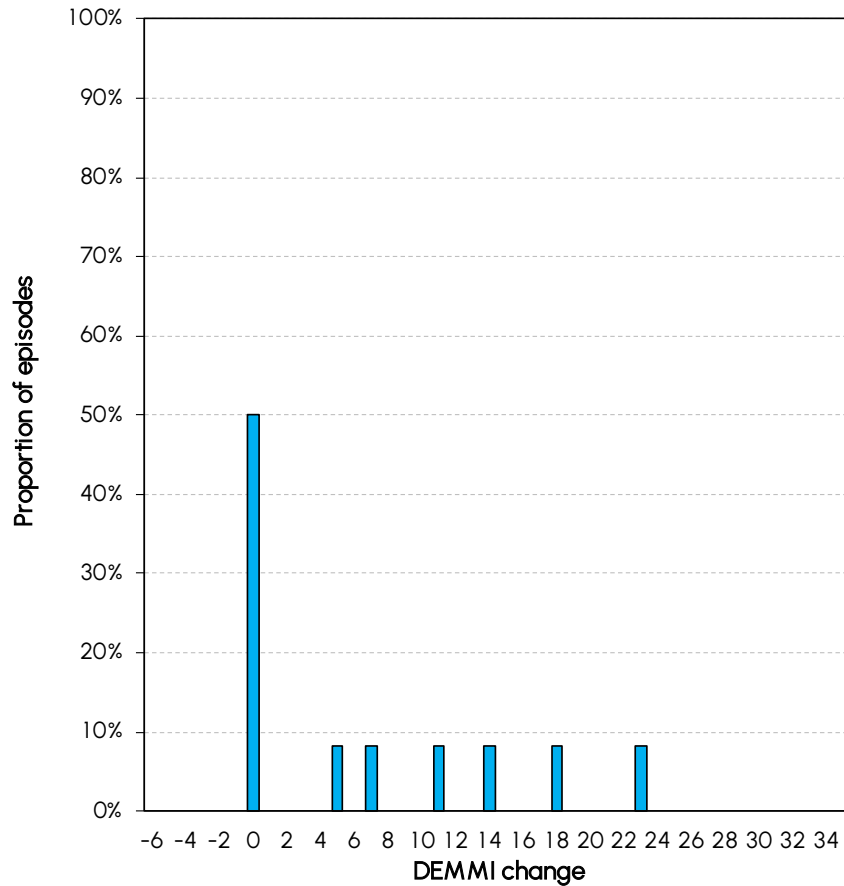
All Ambulatory CY25 (n=361)



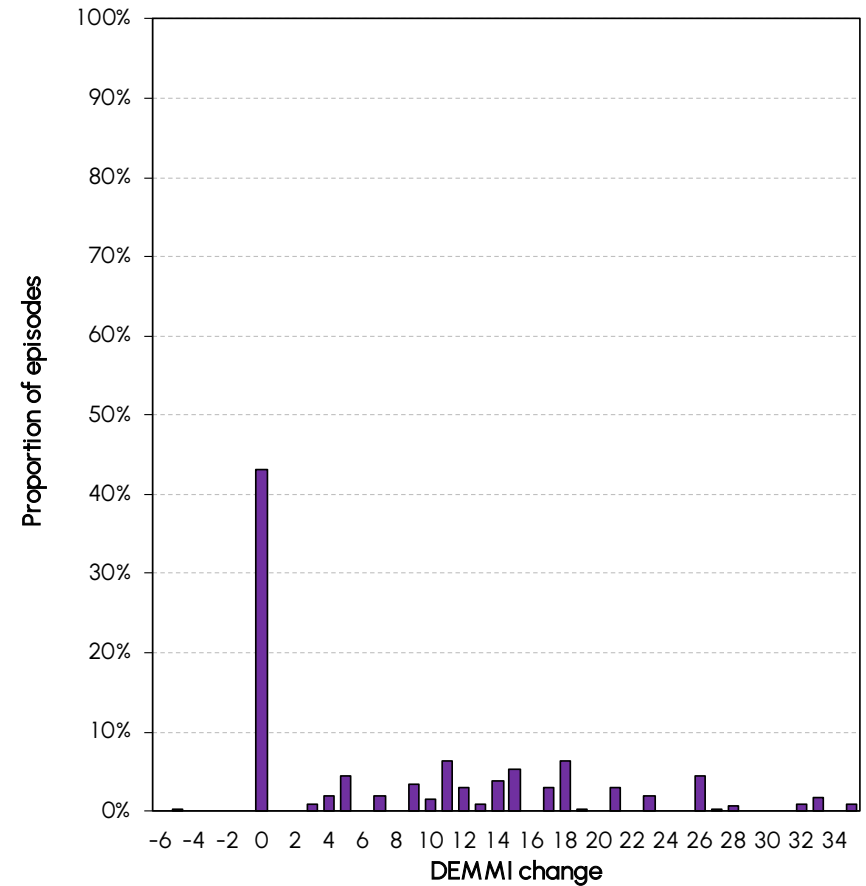
INCLUDES: completed reconditioning episodes with valid DEMMI scores at episode start and end

Change in DEMMI score – all episodes

Your Service CY25 (n=12)

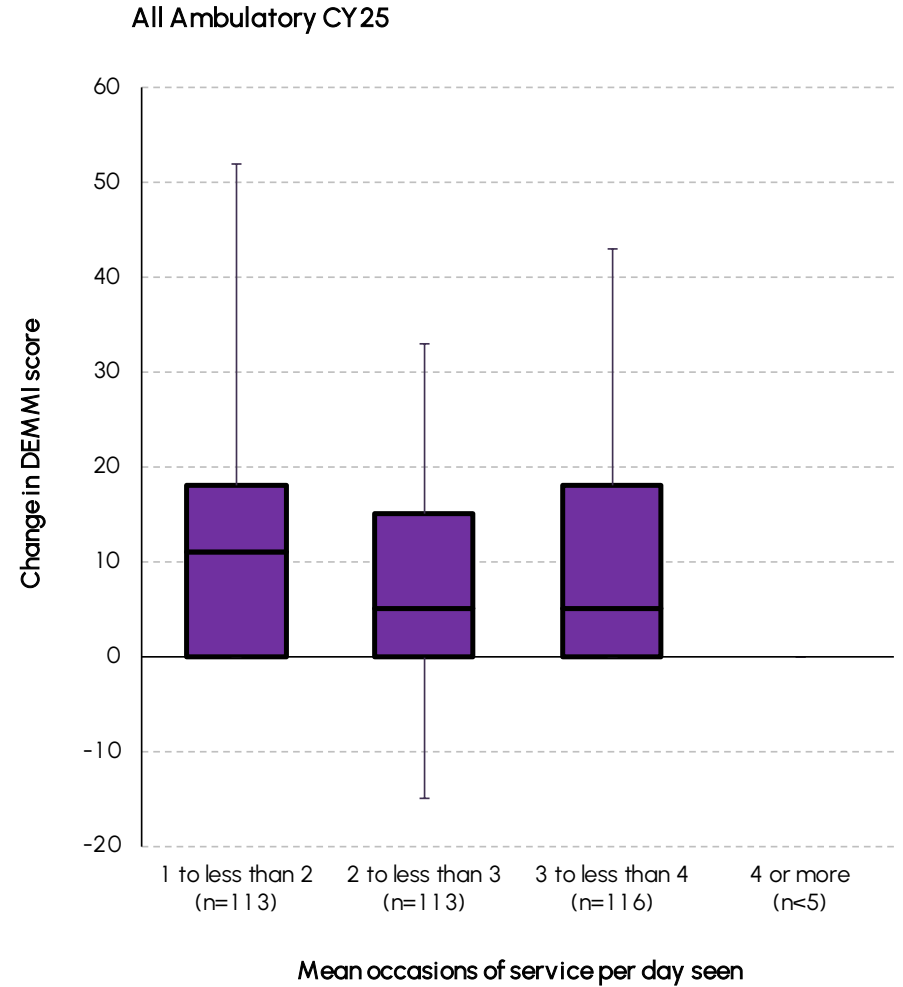
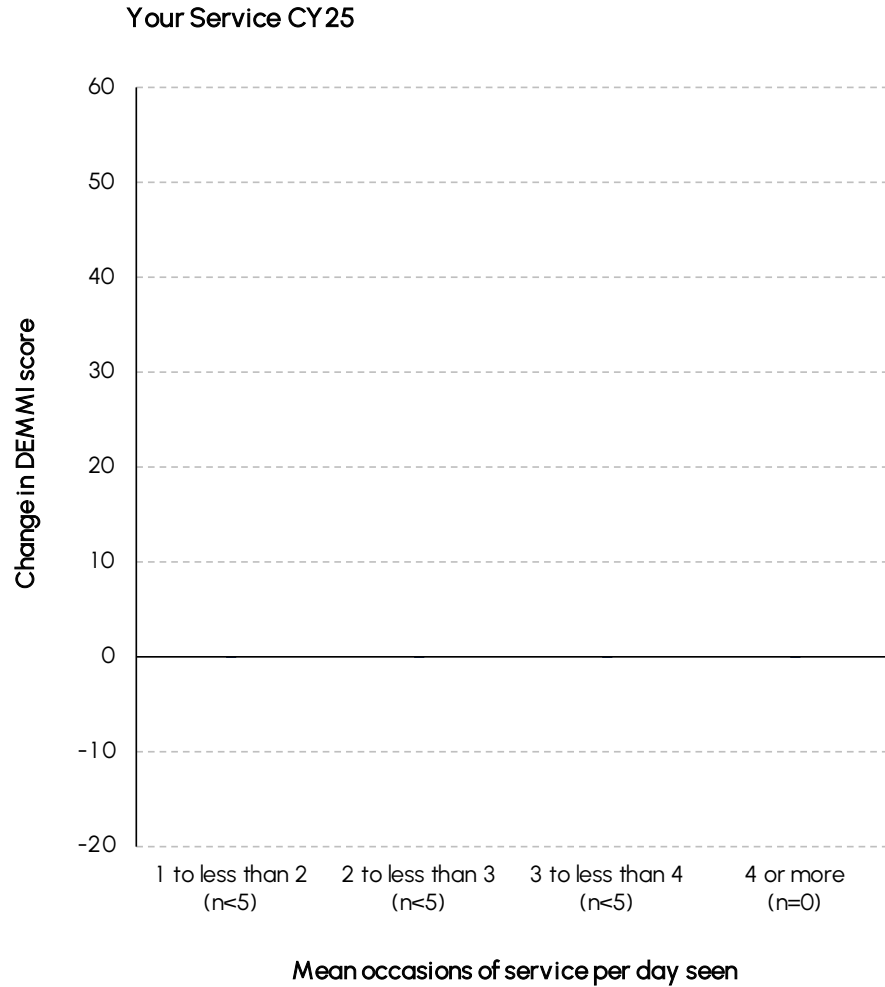


All Ambulatory CY25 (n=361)



INCLUDES: completed reconditioning episodes with valid DEMMI scores at episode start and end

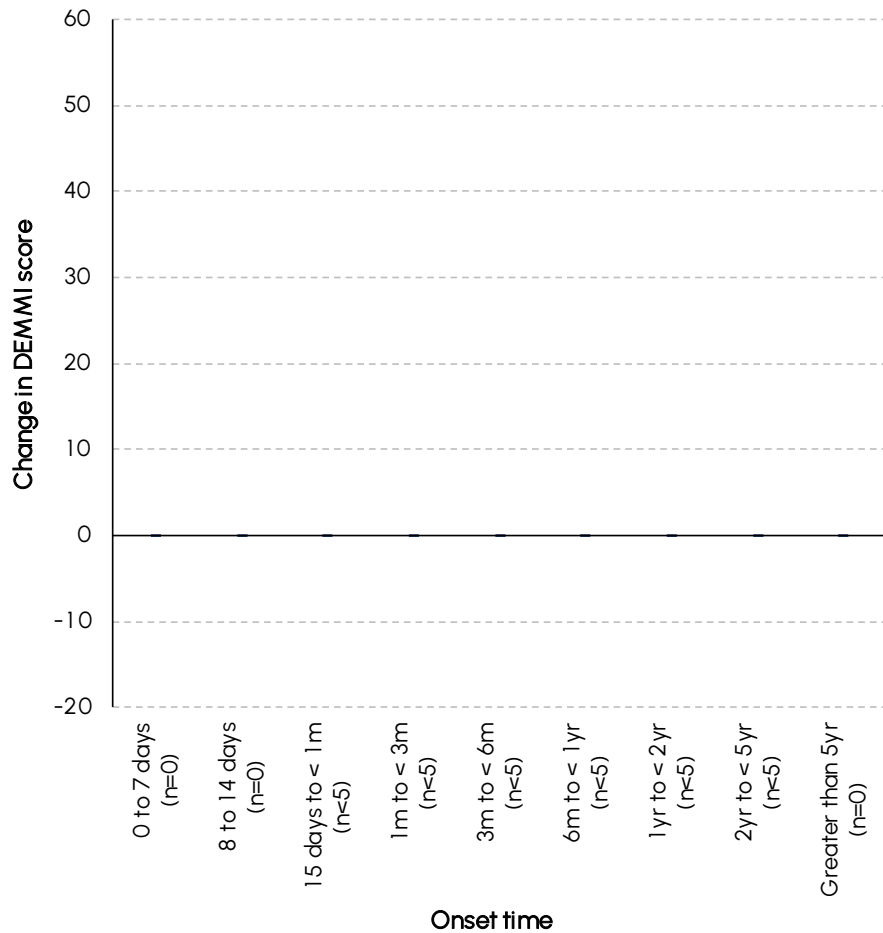
Change in DEMMI score by OOS/day seen – all episodes



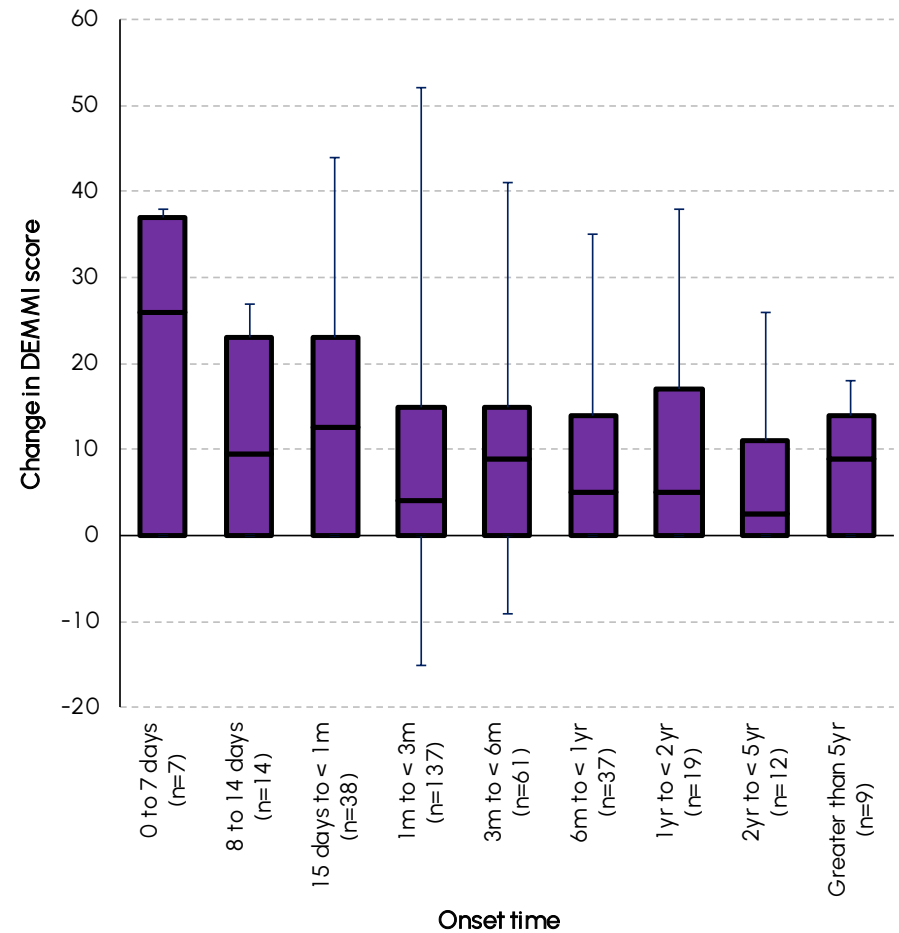
INCLUDES: completed reconditioning episodes with valid DEMMI scores at episode start and end and both occasions of service and days seen are recorded and greater than 0 days
 NOTE: To understand how to interpret these figures please refer to Appendix 3

Change in DEMMI score by onset time – all episodes

Your Service CY25



All Ambulatory CY25



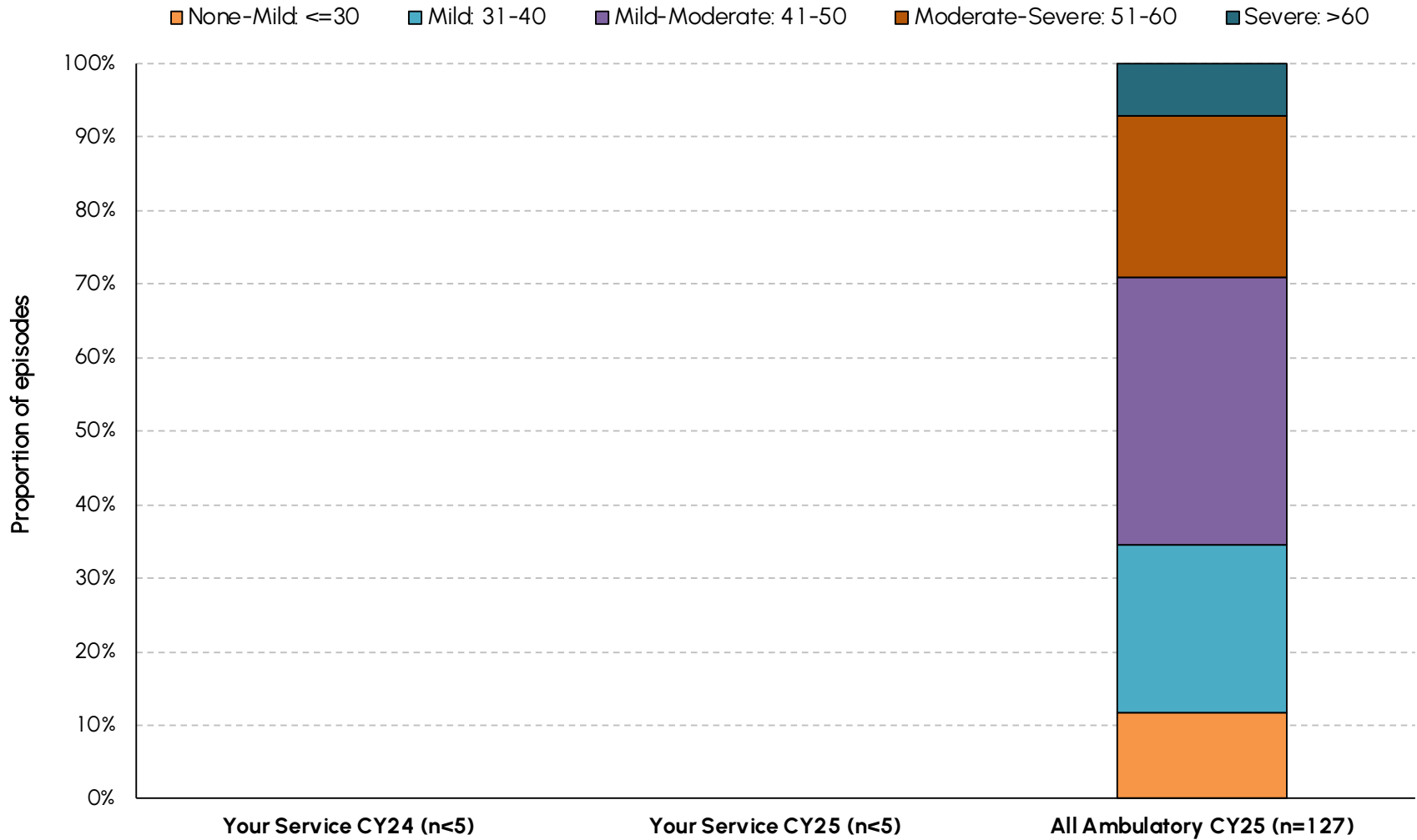
INCLUDES: completed reconditioning episodes with valid DEMMI scores at episode start and end and onset time is known
 NOTE: To understand how to interpret these figures please refer to Appendix 3

Mayo-Portland Adaptability Index-4 (MPAI-4)

- This data item is collected in addition to the Australian Modified Lawton's IADL Scale for patients who may have functional impairment as a result of brain injury.
- The MPAI-4 was specifically designed for the evaluation of individuals during the post-acute period following ABI.
- The MPAI-4 consists of 29 items in three subscales (the Ability Index, the Adjustment Index and the Participation Index) plus an additional six items that are not included in the MPAI-4 score.

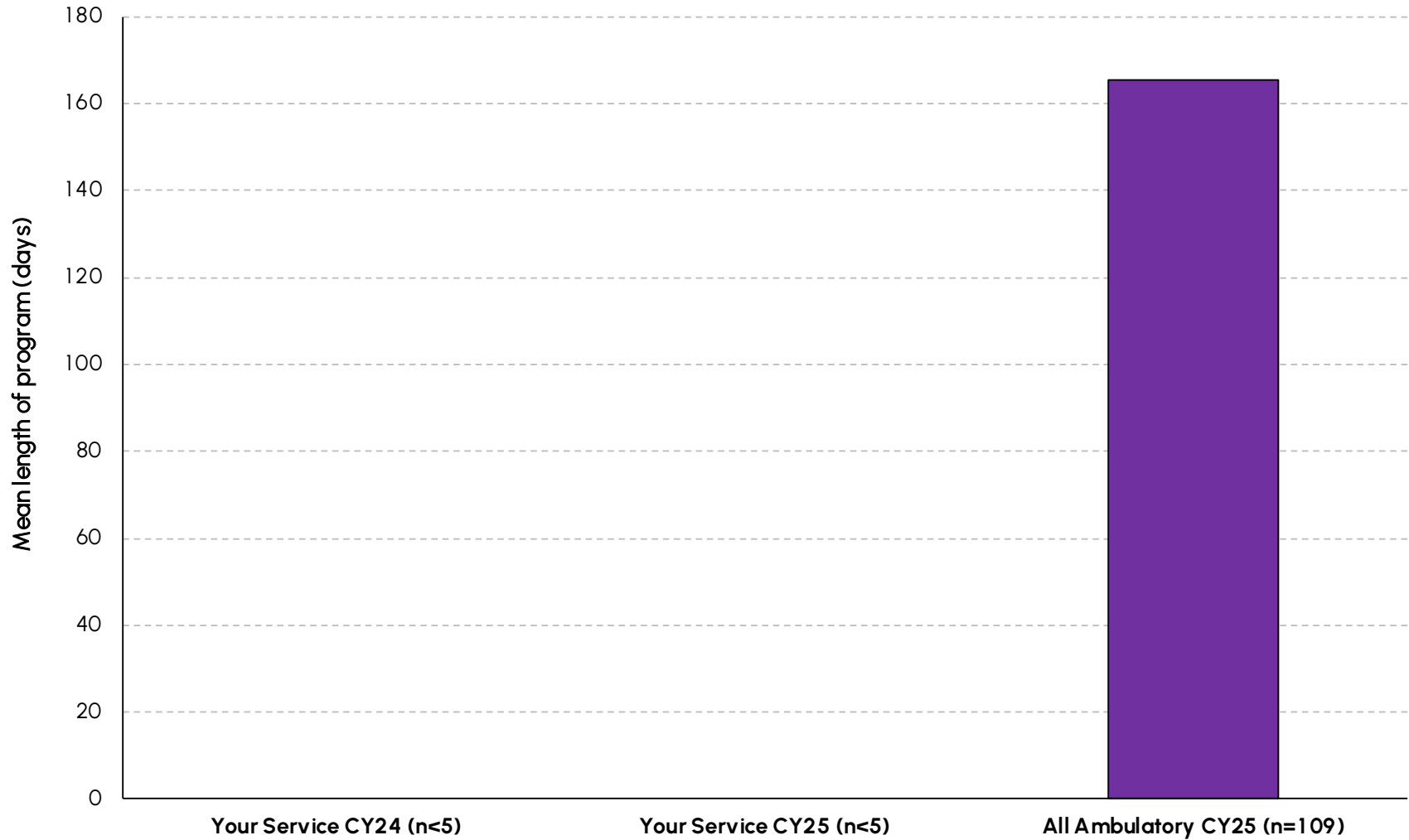
For further information refer to the AROC Ambulatory Data Dictionary V4.1 for Clinicians.

Casemix of episodes submitted MPAI-4



INCLUDES: brain injury episodes with a valid MPAI-4 score at episode start.

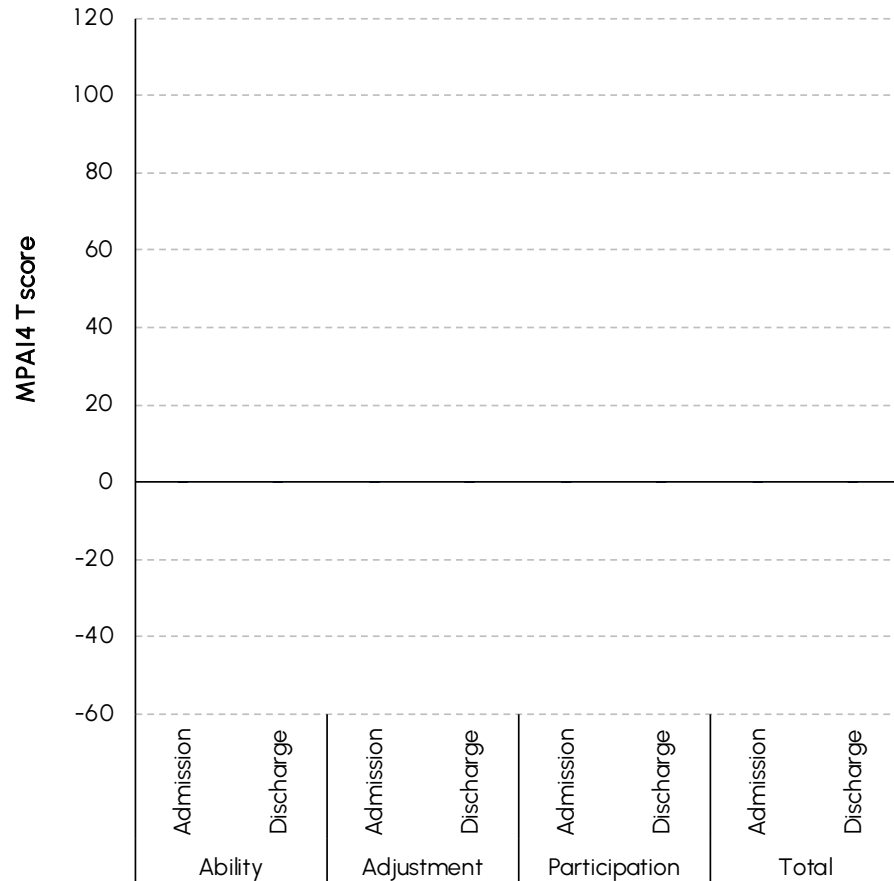
Average program length for episodes with submitted MPAI-4



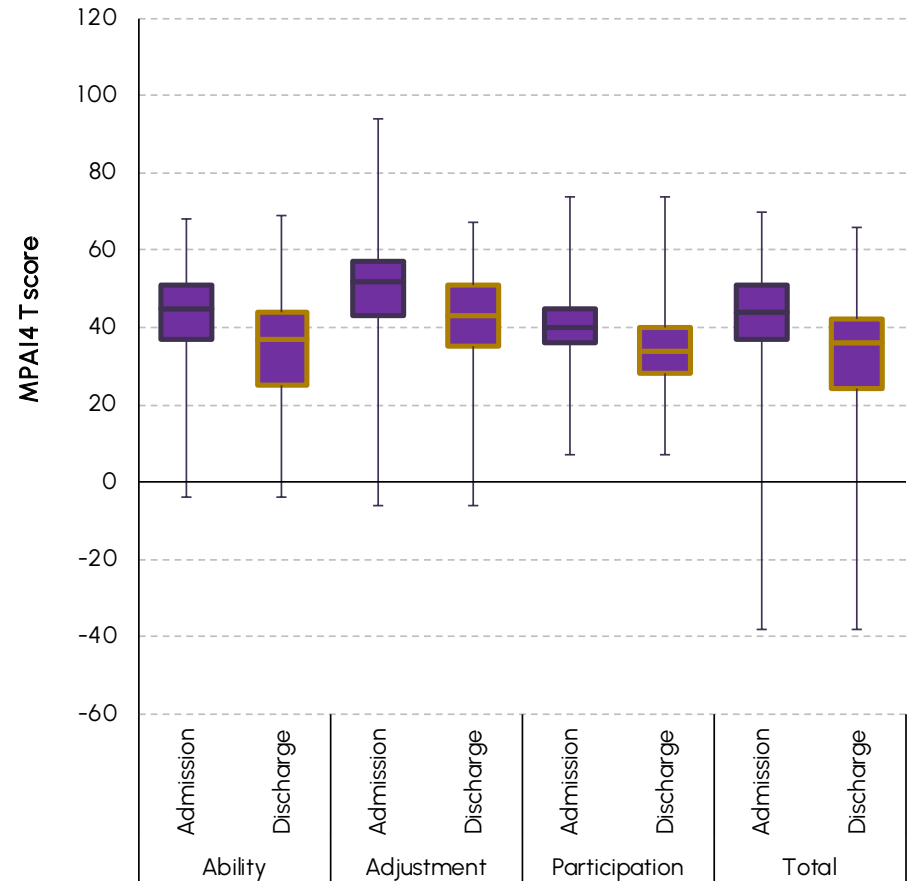
INCLUDES: brain injury episodes with a valid MPAI-4 score at episode start and valid episode start and end dates.

Admission and discharge T score distribution of spread by MPAI-4 index

Your Service CY25 (n<5)



All Ambulatory CY25 (n=109)

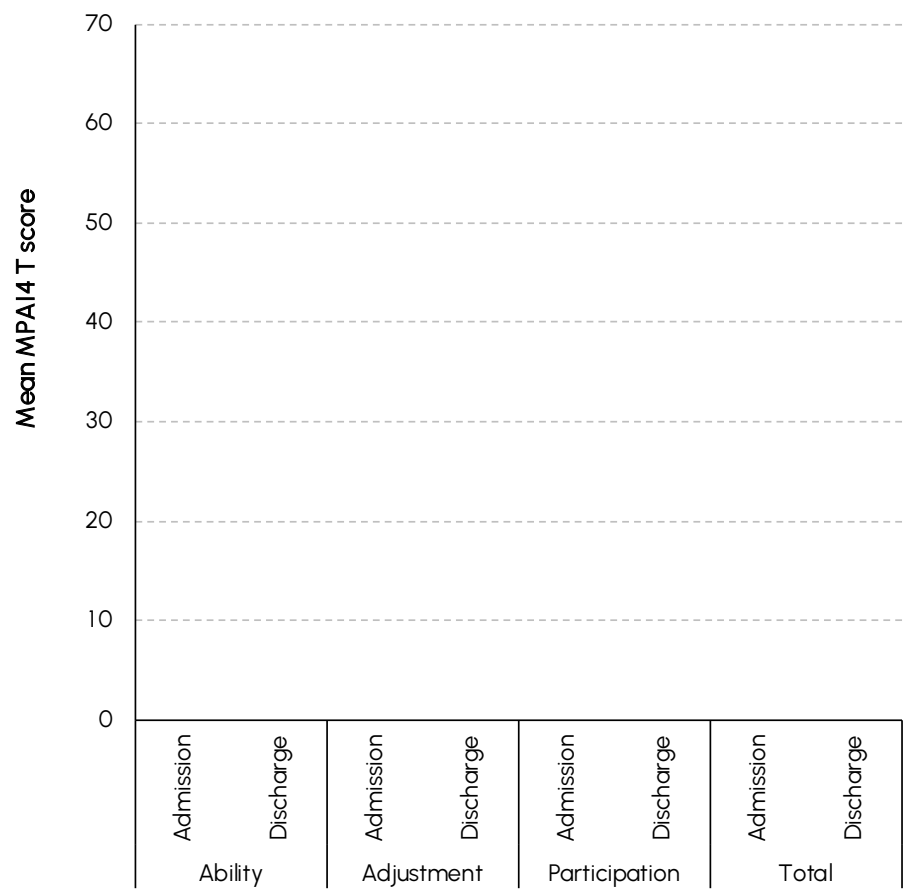


INCLUDES: brain injury episodes with a valid MPAI-4 score at episode start and end.

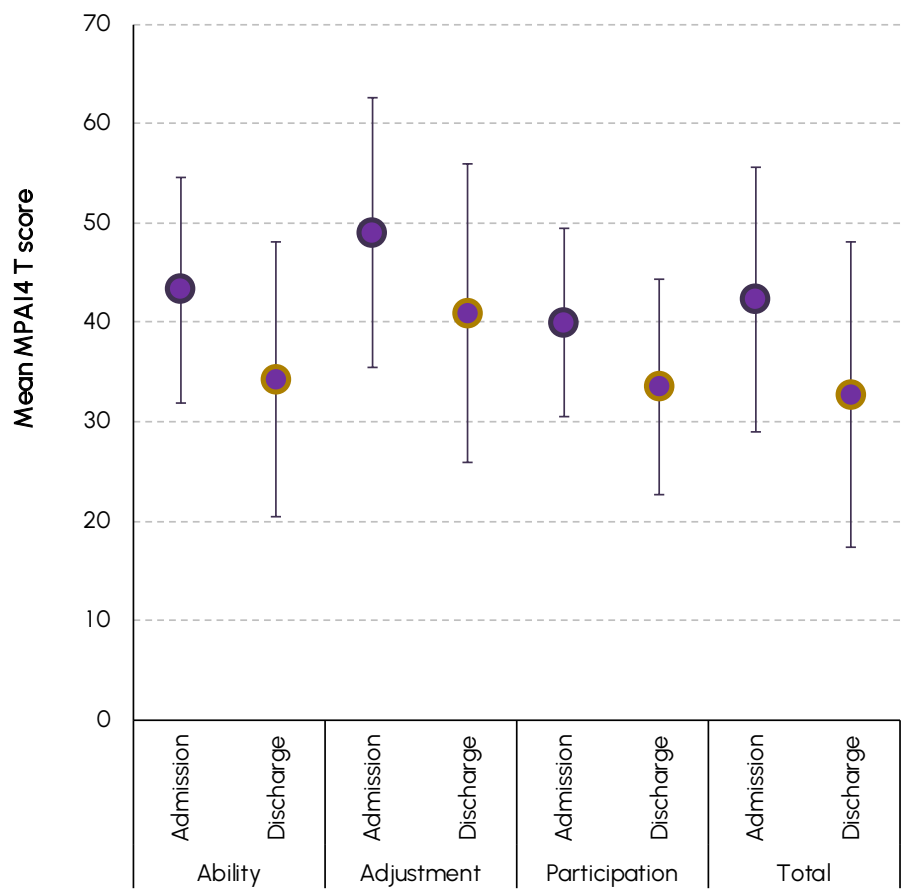
NOTE: To understand how to interpret these figures please refer to Appendix 3

Admission and discharge average T score by MPAI-4 index

Your Service CY25 (n<5)



All Ambulatory CY25 (n=109)



INCLUDES: brain injury episodes with a valid MPAI-4 score at episode start and end.
 NOTE: To understand how to interpret these figures please refer to Appendix 3

Appendix 1: The Australian Modified Lawton's

- The Australian Modified Lawton's represents a sensitive measure of the outcome of ambulatory rehabilitation as it relates to instrumental tasks, such as a patient's ability to do their own shopping, cleaning, cooking, manage their finances, skills that demonstrate their independence in the wider context.
- In general most participants in ambulatory care have already demonstrated a degree of functional independence, thus a straight ADL tool (such as the FIM), is not an appropriate outcome measure in this setting.
- The Lawton's tool is quick and easy to administer, requires minimal training, and is not discipline or impairment specific.
- The Lawton's is endorsed by AFRM as the over-arching ambulatory benchmarking outcome tool of choice.
- It has demonstrated validity and reliability in measurement of outcomes Green J, Eagar K, Owen A, Gordon R and Quinsey K (2006). Towards a Measure of Function for Home and Community Care Services in Australia: Part II - Evaluation of the Screening Tool and Assessment Instruments. Australian Journal of Primary Health 12 (1), 82-90.
- The Lawton's is not suggested to replace any service or impairment specific outcome measures that services may already collect or are considering collecting, but to provide a platform from which to launch a national benchmarking program with the expectation of further development over time.

Appendix 2: Definition of terms

ADL

Activities of daily living describe a person's level of functioning in basic physical activities such as bathing, dressing, transferring, toileting, continence, eating, and walking.

AROC Version 4 data set

The version 4 (V4) AROC dataset was introduced on 1 July 2012. V4 was 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). Version 4.1 was released on 1 July 2017 and introduced new ambulatory data items which are used in this report. NOTE: This report utilises only Pathway 4 data (ambulatory care).

COVID-19

The impact of COVID-19 on ambulatory rehabilitation following suspensions of elective surgeries, service closures, staffing issues, and fewer traumatic accidents was a decline in the number of ambulatory rehabilitation episodes in the couple of years during and post COVID compared to the years prior to COVID (adjusted for participating services).

The extent of the impact of COVID-19 on the demand for rehabilitation in both the inpatient or ambulatory settings are still being realised. To identify patients who have had COVID-19 in the AROC data set services were asked to enter "COVID-19" in the patient comment field for those patients whose primary diagnosis is COVID-19 related (e.g. reconditioning, ICU-acquired weakness) as well as those with a secondary diagnosis where admission to rehabilitation is linked to having had COVID-19 (e.g. community stroke admissions associated with a hypercoagulable state secondary to COVID-19 disease). For those patients where COVID-19 was an 'incidental' condition this is not reported.

Appendix 2: Definition of terms

COVID-19 cont.

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 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. As such 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 national COVID-19 rehabilitation adjunct 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. Where possible and appropriate, the National COVID-19 rehabilitation adjunct data will be linked with the AROC inpatient and/or ambulatory data collections.

This National COVID-19 rehabilitation adjunct data collection must be 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>).

Days Seen

Days seen is the number of days within an episode of ambulatory rehabilitation on which an occasion of service has been provided.

Elapsed time (Length of Program)

The elapsed time describes the number of days from commencement to end of an ambulatory rehabilitation program. It is calculated as the episode end date minus the start date.

Appendix 2: Definition of terms

Episode

The program of ambulatory rehabilitation. A completed episode is one with a mode of episode end of discharge/case closure.

IADL

Instrumental activities of daily living (also known as extended or domestic activities of daily living), describe tasks that enable a person to live independently in the community and include, but not are limited to, light housework, preparing meals, taking medications, shopping for groceries, using the telephone, and managing money.

Occasions of Service (OOS)

An occasion of service is any therapy session and/or therapist contact within an episode. A patient may have several occasions of service on a 'day seen' and these may be delivered by the same or different staff type. Total occasions of service reflects the total number of therapy sessions provided to the patient during those visits. For example:

Mr Jones attends the program on Monday, Wednesday and Friday. On Monday he sees the physio and also attends hydrotherapy. On Wednesday he has a group exercise session, sees the OT and the speech pathologist. On Friday he sees the physio and attends hydrotherapy again. This program continues for 6 weeks. At week 7 his program is reviewed and he only needs to attend group exercise therapy and hydrotherapy twice a week until the program concludes at week 12.

The total number of days seen in this instance is $(3 \times 6) + (2 \times 6) = 30$

The total occasions of service in this instance is $(7 \times 6) + (4 \times 6) = 66$

Appendix 2: Definition of terms

Outcome Measure

The score recorded using the specified outcome measure at both the beginning and end of an ambulatory rehabilitation program.

Outcome Measure change

The calculated difference between the valid Outcome Measure score at the beginning and the end of the ambulatory rehabilitation episode.

Therapy type

Reflects the type of therapy the patient is receiving and is collected by staff type. Where a single staff type provides more than one therapy, e.g. hydrotherapy provided/supervised by a physiotherapist, the staff type selected should reflect the type of therapy session the patient is receiving.

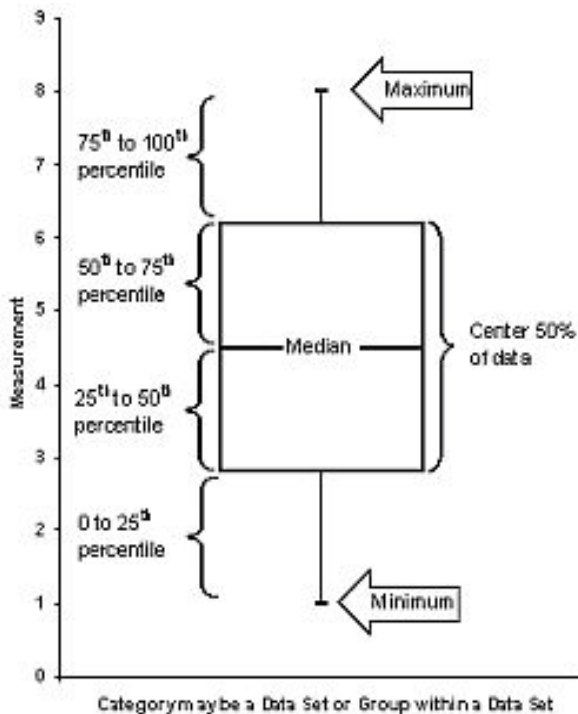
Valid Outcome Measure

A valid Outcome Measure requires all items within the scale to have a value assigned and be completed for both the episode begin and episode end assessments.

Appendix 3: Interpreting box plots

Box Plots

Box plots, or box-and-whisker plots, provide insight into the distribution of observations within a data set by dividing it into four sections. The box indicates the spread of the central 50% of the data; the median is denoted by a horizontal line through the box. The portion of the box above the median line denotes the 50th - 75th percentile range. Likewise, the portion of the box below the median denotes the 25th-50th percentile range. The whiskers represent the full range of data, the whisker above the box extends to the maximum data value and the whisker below the box extends to the minimum data value.



Appendix 4: 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 4: 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

- **AROC wish to acknowledge the valuable contributions made by:**
 - Members of the Management Advisory Group of the Australasian Rehabilitation Outcomes Centre.
 - The many staff from the rehabilitation services 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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Australasian **R**ehabilitation **O**utcomes **C**entre
Faculty of Science, Medicine and Health
Mike Codd Building, Innovation Campus
University of Wollongong NSW 2522

 aroc@uow.edu.au

 aroc.org.au