

AROC Ambulatory Report

1 July 2024 – 30 June 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)

In development – V5 Ambulatory Data Set

We are excited to advise that we are revising the ambulatory data set, moving to an AROC impairment group specific model for outcome measures and will also include some person reported measures.

In the coming months we will be reaching out to ambulatory services to identify outcome measures currently used by your service and ask for nomination for consultation groups.

If you would like to receive regular email correspondence on the development of the dataset and how to participate, please email 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 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	
July	8
August	1
September	0
October	0
November	0
December	0
January	11
February	13
March	15
April	15
May	21
June	12
Full year	96

Completeness of data reported

AROC core data set items	Item collected	
	N	%
Path	96	100.0
Facility code	96	100.0
Facility name	96	100.0
Ward code ¹	81	84.4
Ward name ¹	77	80.2
MRN	96	100.0
Letters of name	96	100.0
Date of birth	96	100.0
DOB estimate flag	96	100.0
Sex	96	100.0
Indigenous status	95	99.0
Geographical residence	96	100.0
Postcode	96	100.0
Episode begin date	96	100.0
Episode end date	96	100.0
Funding source	96	100.0
Health fund/other payer	49	100.0
NDIS	84	87.5
Referral date	96	100.0
Impairment code	96	100.0
Onset date &/or time since onset	92	95.8
Relevant inpatient episode date	94	97.9
Episode begin reason	95	99.0
First direct care episode	95	99.0
Interpreter required	95	99.0
Date of multi-disciplinary rehab plan	93	96.9
Accommodation prior to episode	96	100.0
Carer status prior to episode	95	100.0
Employment status prior to episode	95	99.0
Accommodation during episode	92	95.8
Carer status during episode	86	100.0
Existing comorbidity interfering with rehab	92	95.8
— Comorbidities identified	26	100.0

AROC core data set items	Item collected	
	N	%
Cognitive impairment impacting rehab	92	95.8
Episode end reason	92	95.8
Final accommodation – episode end	87	100.0
Carer status – episode end	83	98.8
Employment status after discharge	32	33.3 ←
Return to pre-impairment activities	88	91.7
Days seen	80	83.3 ←
Occasions of service	80	83.3 ←
Disciplines involved in therapy	91	94.8
Lawton's start date	95	99.0
Lawton's start items	94	97.9
Lawton's end date	87	90.6
Lawton's end items	92	95.8
GAS start date ¹	2	2.1
GAS start scores ¹	3	3.1
GAS end date ¹	2	2.1
GAS end scores ¹	4	4.2

Impairment specific items

Stroke	22	
— Rehab aimed at upper limb function	15	68.2 ←
— Rehab aimed at gait retraining	15	68.2 ←
— Rehab aimed at aphasia	15	68.2 ←
— ULMAS start date	3	50.0 ←
— ULMAS start scores	3	50.0 ←
— ULMAS end date	3	50.0 ←
— ULMAS end scores	3	50.0 ←
— Timed ten metre walk start date	2	22.2 ←
— Timed ten metre walk test on admission	1	11.1 ←
— Timed ten metre walk end date	2	22.2 ←
— Timed ten metre walk test on discharge	1	11.1 ←

AROC impairment specific items	Item collected	
	N	%
Brain injury*	4	
— MPAI4 start date	3	75.0 ←
— MPAI4 start scores	3	75.0 ←
— MPAI4 end date	1	25.0 ←
— MPAI4 end scores	1	25.0 ←
Spinal cord injury*	0	
— Injury start level	—	—
Reconditioning	8	
— DEMMI start date	6	75.0 ←
— DEMMI start scores	5	62.5 ←
— DEMMI end date	4	50.0 ←
— DEMMI end scores	4	50.0 ←
Amputation of limb	3	
— Phase of care at episode start	3	100.0
— Phase of care during episode	3	100.0
— Phase of care at episode end	3	100.0
— Prosthetic device fitted	3	100.0
— Casting date ²	2	100.0
— Date of first prosthetic fitting ²	2	100.0
— Reason for delay in fitting ²	2	100.0
— Timed up and go test	2	66.7 ←
— Six min walk test ¹	2	66.7
— Ten metre walk test ¹	1	33.3
Orthopaedic conditions	45	
— Timed ten metre walk start date	35	77.8 ←
— Timed ten metre walk test on admission	35	77.8 ←
— Timed ten metre walk end date	34	77.3 ←
— Timed ten metre walk test on discharge	34	77.3 ←

*Also includes MMT that contain this impairment

Overall data completeness score 81.0

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.

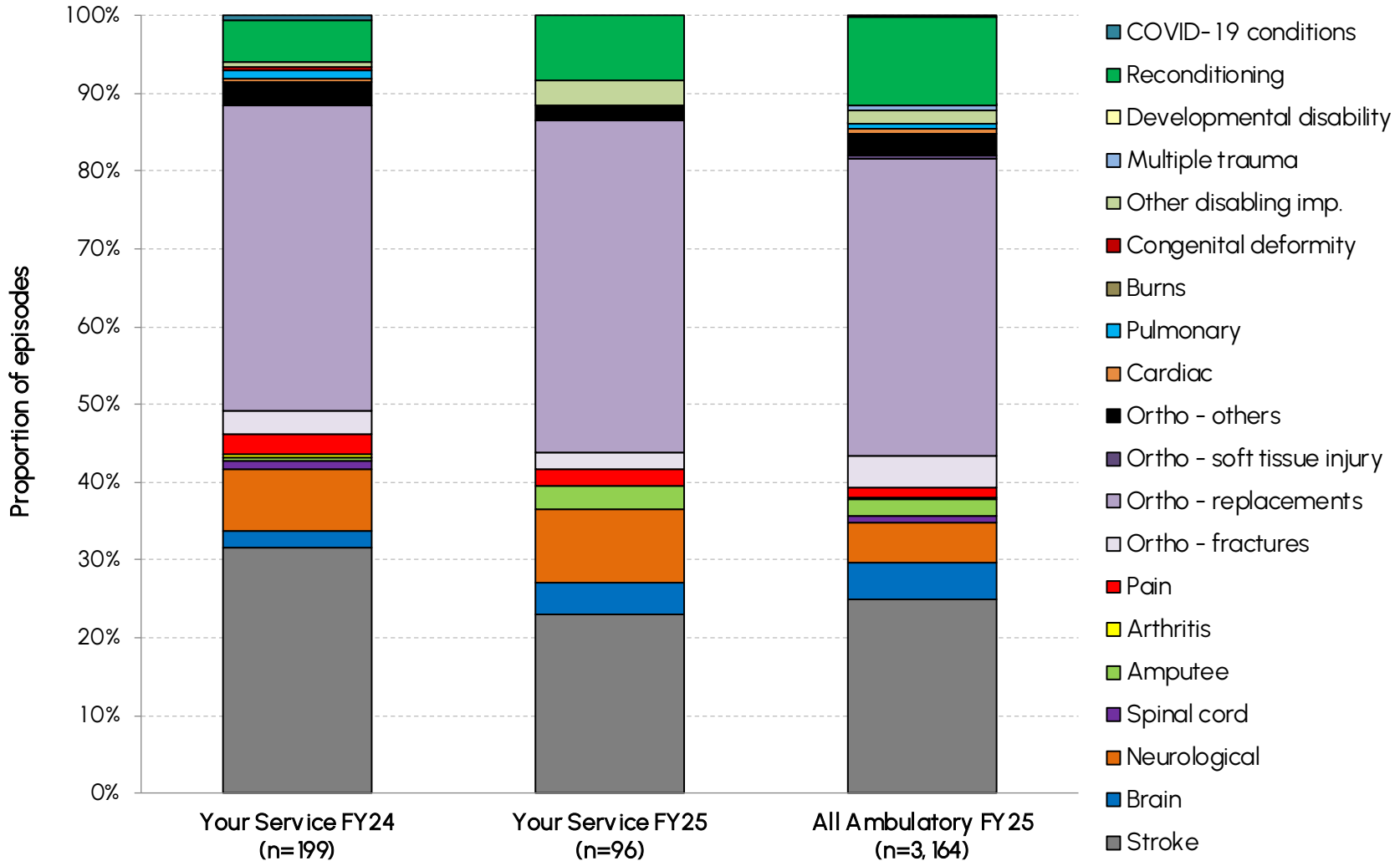
Such data are useful to provide context to the more detailed analysis of rehabilitation outcomes, but in themselves are not impacted by clinical practice.

Distribution of services and episodes

	Public		Private		All Ambulatory	
	N	%	N	%	N	%
Facilities						
New South Wales	3	10.3	9	31.0	12	41.4
Victoria	0	—	0	—	0	—
Queensland	1	3.4	4	13.8	5	17.2
South Australia	8	27.6	0	—	8	27.6
Western Australia	1	3.4	0	—	1	3.4
Tasmania	0	—	0	—	0	—
Australian territories	0	—	1	3.4	1	3.4
NZ	2	6.9			2	6.9
Total	15	51.7	14	48.3	29	100.0

Episodes						
New South Wales	133	4.2	1,000	31.5	1,133	35.7
Victoria	0	—	0	—	0	—
Queensland	183	5.8	239	7.5	422	13.3
South Australia	878	27.7	0	—	878	27.7
Western Australia	100	3.2	0	—	100	3.2
Tasmania	0	—	0	—	0	—
Australian territories	0	—	315	9.9	315	9.9
NZ	323	10.2			323	10.2
Total	1,617	51.0	1,554	49.0	3,171	100.0

Episodes by impairment group



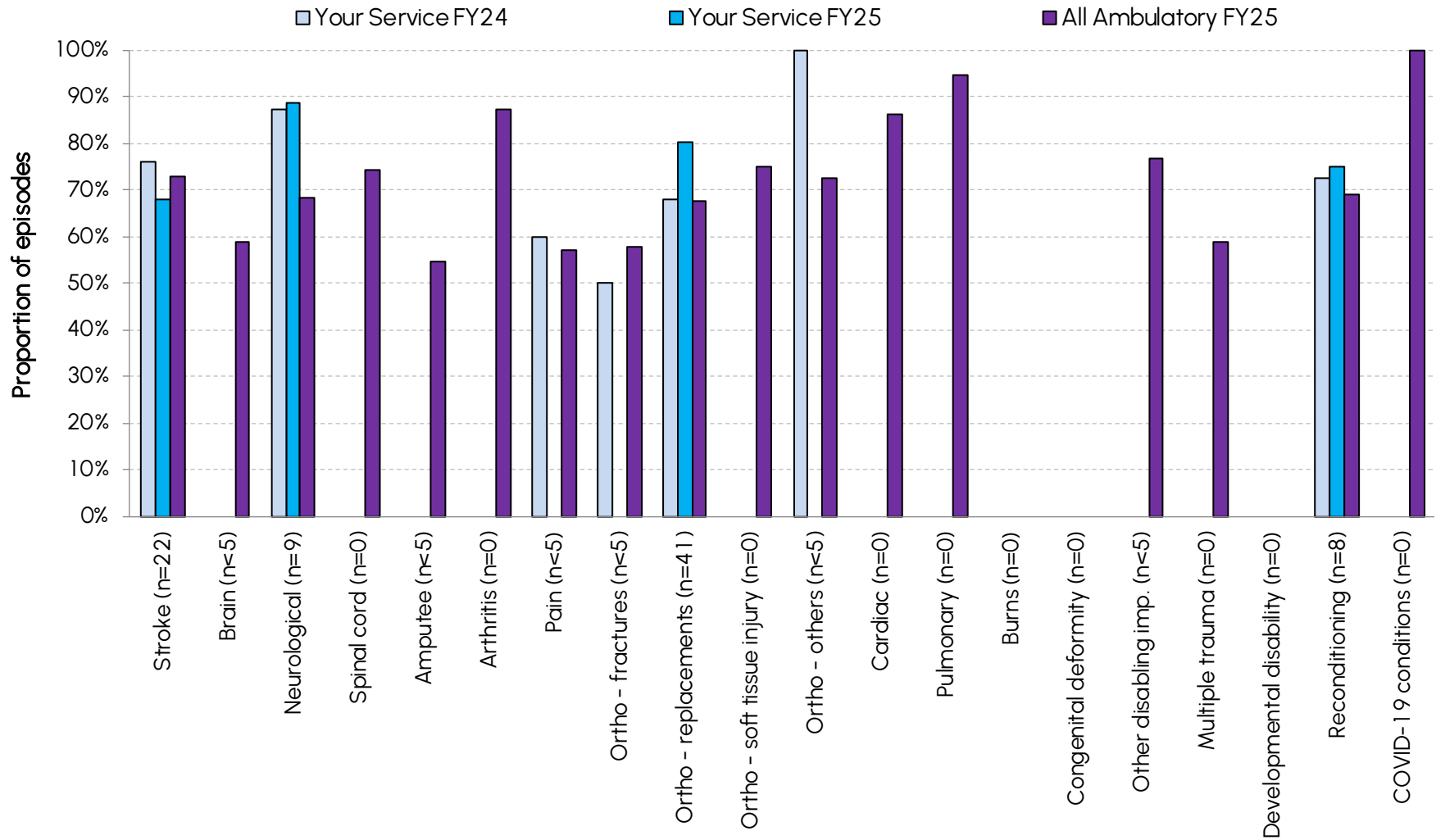
NOTE: For a full list of impairment codes please refer to Appendix 4

Episodes by impairment group

Impairment group	Your Service FY24		Your Service FY25		All Ambulatory FY25	
	N	%	N	%	N	%
Stroke	63	31.7	22	22.9	792	25.0
Brain	4	2.0	4	4.2	146	4.6
Neurological	16	8.0	9	9.4	162	5.1
Spinal cord	2	1.0	0	—	31	1.0
Amputee	1	0.5	3	3.1	64	2.0
Arthritis	1	0.5	0	—	8	0.3
Pain	5	2.5	2	2.1	42	1.3
Ortho - fractures	6	3.0	2	2.1	126	4.0
Ortho - replacements	78	39.2	41	42.7	1,211	38.3
Ortho - soft tissue injury	0	—	0	—	12	0.4
Ortho - others	6	3.0	2	2.1	87	2.7
Cardiac	1	0.5	0	—	22	0.7
Pulmonary	2	1.0	0	—	19	0.6
Burns	0	—	0	—	(n<5)	—
Congenital deformity	1	0.5	0	—	0	—
Other disabling imp.	1	0.5	3	3.1	56	1.8
Multiple trauma	0	—	0	—	17	0.5
Developmental disability	0	—	0	—	(n<5)	—
Reconditioning	11	5.5	8	8.3	361	11.4
COVID-19 conditions	1	0.5	0	—	6	0.2
Missing or excluded	0		0		7	
All episodes	199	100.0	96	100.0	3,171	100.0

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

First direct care rehabilitation episode by impairment group

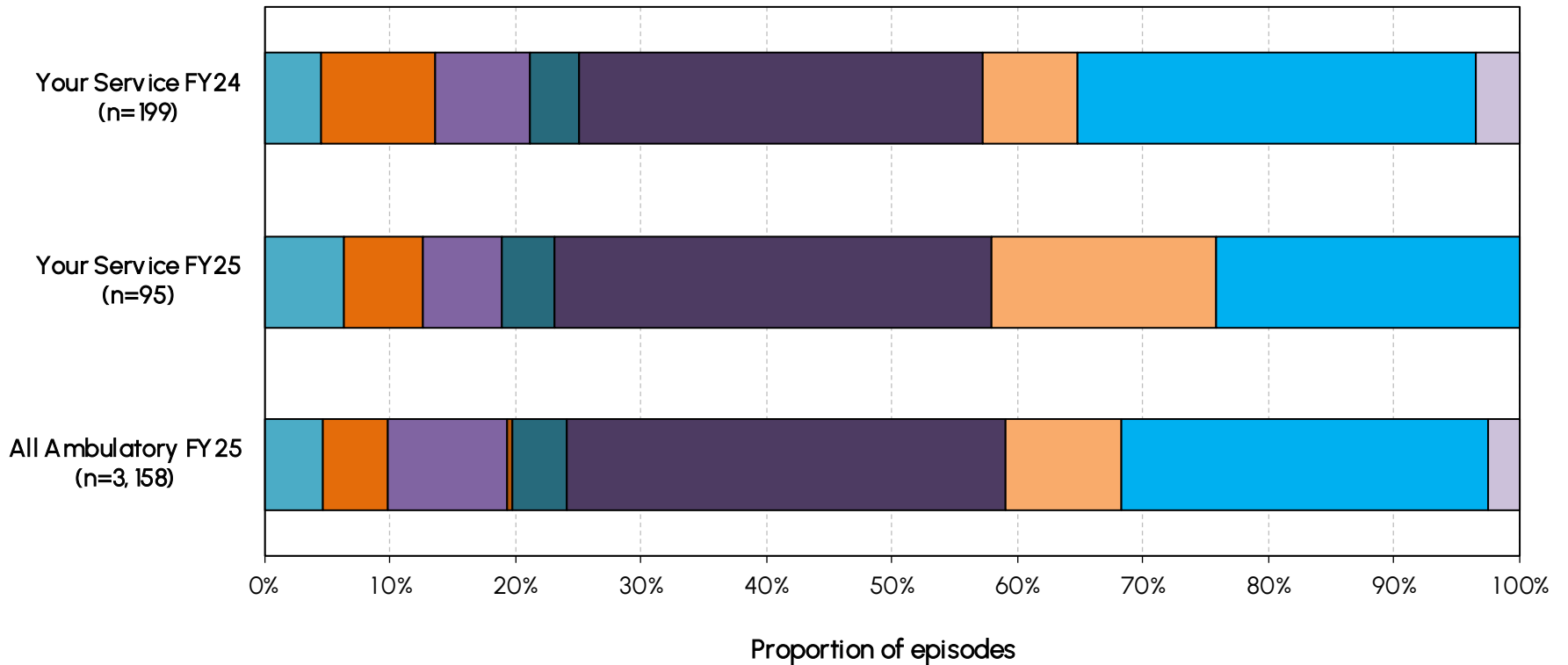


First direct care rehabilitation episode by impairment group

Impairment group	Your Service FY24				Your Service FY25				All Ambulatory FY25			
	N	Primary admission	Subsequent admission	Missing	N	Primary admission	Subsequent admission	Missing	N	Primary admission	Subsequent admission	Missing
Stroke	63	48	15	0	22	15	6	1	792	577	210	5
Brain	4	2	2	0	4	2	2	0	146	86	57	(n<5)
Neurological	16	14	2	0	9	8	1	0	162	111	51	0
Spinal cord	2	0	2	0	0	0	0	0	31	23	8	0
Amputee	1	1	0	0	3	2	1	0	64	35	28	(n<5)
Arthritis	1	1	0	0	0	0	0	0	8	7	(n<5)	0
Pain	5	3	2	0	2	1	1	0	42	24	18	0
Ortho - fractures	6	3	3	0	2	1	1	0	126	73	52	(n<5)
Ortho - replacements	78	53	25	0	41	33	8	0	1,211	818	393	0
Ortho - soft tissue injury	0	0	0	0	0	0	0	0	12	9	(n<5)	0
Ortho - others	6	6	0	0	2	1	1	0	87	63	24	0
Cardiac	1	1	0	0	0	0	0	0	22	19	(n<5)	0
Pulmonary	2	2	0	0	0	0	0	0	19	18	(n<5)	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.	1	1	0	0	3	2	1	0	56	43	13	0
Multiple trauma	0	0	0	0	0	0	0	0	17	10	7	0
Developmental disability	0	0	0	0	0	0	0	0	(n<5)	(n<5)	0	0
Reconditioning	11	8	3	0	8	6	2	0	361	250	105	6
COVID-19 conditions	1	1	0	0	0	0	0	0	6	6	0	0
Missing or excluded	0				0				7			
All episodes	199	145	54	0	96	71	24	1	3,171	2,173	975	16

Episode source

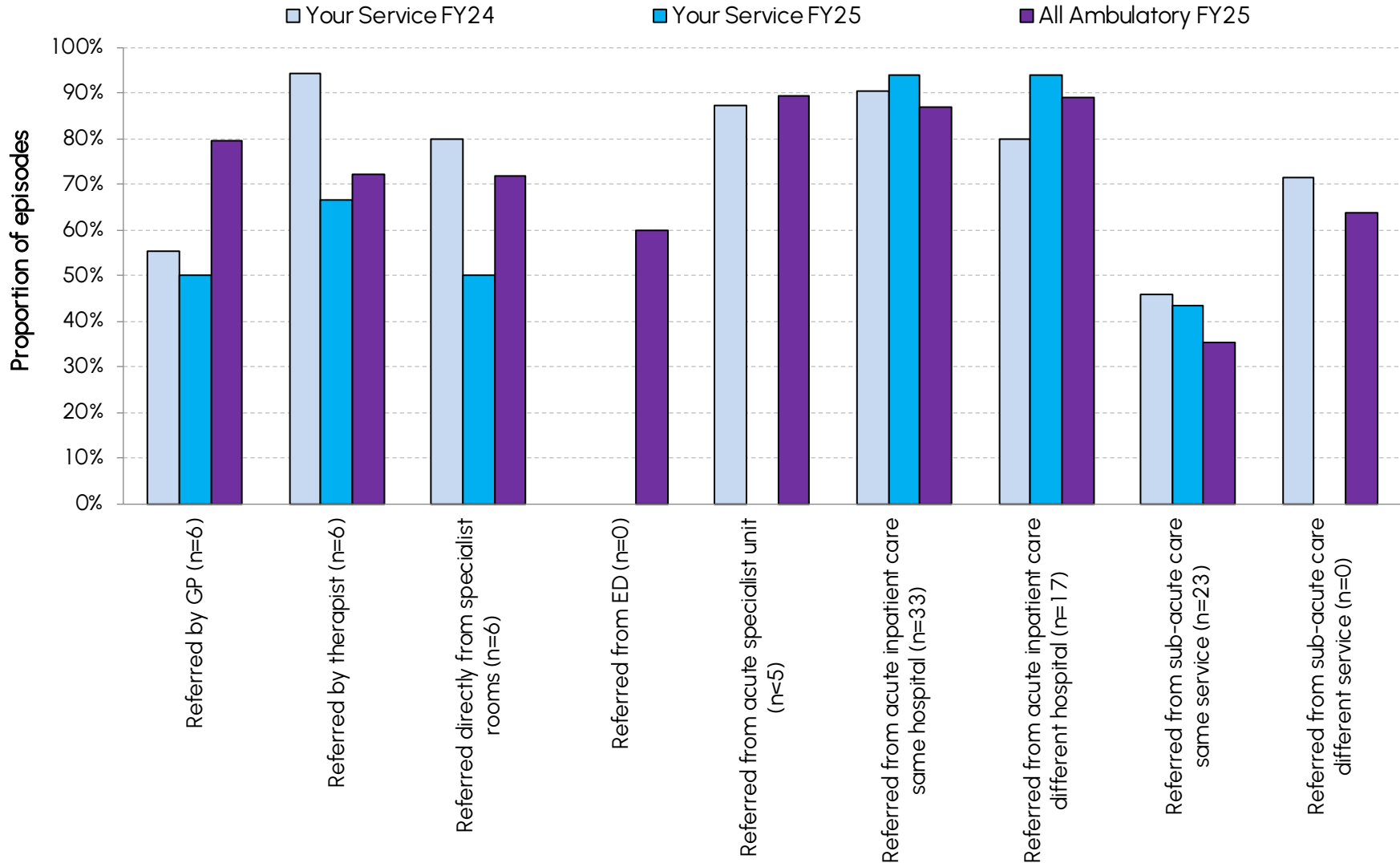
- Referred by GP
- Referred directly from specialist rooms
- Referred from acute specialist unit
- Referred from acute inpatient care different hospital
- Referred from sub-acute care different service
- Referred by therapist
- Referred from ED
- Referred from acute inpatient care same hospital
- Referred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



Episode source

Episode source	Your Service FY24		Your Service FY25		All Ambulatory FY25	
	N	%	N	%	N	%
Referred by GP	9	4.5	6	6.3	147	4.7
Referred by therapist	18	9.0	6	6.3	163	5.2
Referred directly from specialist rooms	15	7.5	6	6.3	301	9.5
Referred from ED	0	—	0	—	15	0.5
Referred from acute specialist unit	8	4.0	4	4.2	133	4.2
Referred from acute inpatient care same hospital	64	32.2	33	34.7	1,105	35.0
Referred from acute inpatient care different hospital	15	7.5	17	17.9	292	9.2
Referred from sub-acute care same service	63	31.7	23	24.2	925	29.3
Referred from sub-acute care different service	7	3.5	0	—	77	2.4
Missing	0		1		13	
All episodes	199	100	96	100	3,171	100

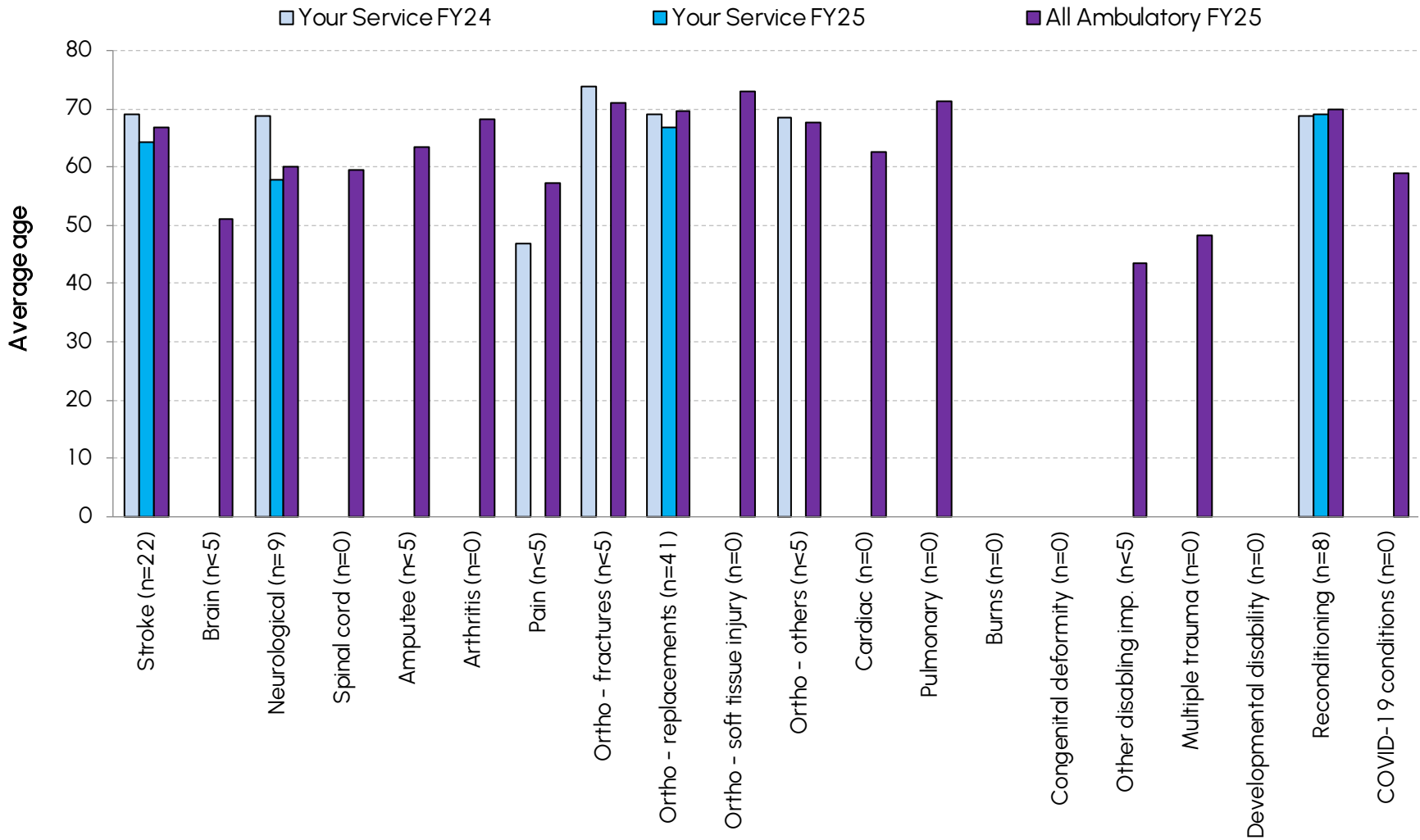
First direct care rehabilitation episode by episode source



First direct care rehabilitation episode by episode source

Impairment group	Your Service FY24				Your Service FY25				All Ambulatory FY25			
	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	6	3	3	0	147	117	30	0
Referred by therapist	18	17	1	0	6	4	2	0	163	118	45	0
Referred directly from specialist rooms	15	12	3	0	6	3	3	0	301	216	85	0
Referred from ED	0	0	0	0	0	0	0	0	15	9	5	(n<5)
Referred from acute specialist unit	8	7	1	0	4	4	0	0	133	119	14	0
Referred from acute inpatient care same hospital	64	58	6	0	33	31	2	0	1,105	960	143	(n<5)
Referred from acute inpatient care different hospital	15	12	3	0	17	16	1	0	292	260	32	0
Referred from sub-acute care same service	63	29	34	0	23	10	12	1	925	327	593	5
Referred from sub-acute care different service	7	5	2	0	0	0	0	0	77	49	28	0
Missing	0	0	0	0	1	0	1	0	13	(n<5)	(n<5)	8
All episodes	199	145	54	0	96	71	24	1	3,171	2,177	978	16

Age by impairment group



Age by impairment group

Impairment group	Your Service FY24			Your Service FY25			All Ambulatory FY25		
	N	Mean age	(95% CI)	N	Mean age	(95% CI)	N	Mean age	(95% CI)
Stroke	63	68.9	(66.1 – 71.8)	22	64.3	(58.8 – 69.7)	789	66.8	(65.8 – 67.8)
Brain	4	62.0	(55.5 – 68.5)	4	48.5	(27.1 – 69.9)	146	51.0	(48.1 – 53.8)
Neurological	16	68.8	(60.5 – 77.1)	9	57.8	(49.7 – 65.8)	161	59.9	(57.3 – 62.5)
Spinal cord	2	52.0	(46.1 – 57.9)	0	—		31	59.5	(54.0 – 65.1)
Amputee	1	61.0		3	67.0	(62.1 – 71.9)	64	63.4	(60.0 – 66.8)
Arthritis	1	62.0		0	—		8	68.1	(57.3 – 78.9)
Pain	5	46.8	(27.1 – 66.5)	2	85.0	(71.3 – 98.7)	42	57.2	(50.7 – 63.7)
Ortho - fractures	6	73.7	(61.2 – 86.1)	2	62.0	(11.0 – 113.0)	126	71.1	(69.0 – 73.3)
Ortho - replacements	78	69.0	(66.6 – 71.5)	41	66.8	(63.6 – 69.9)	1,211	69.5	(69.0 – 70.0)
Ortho - soft tissue injury	0	—		0	—		12	72.9	(67.2 – 78.7)
Ortho - others	6	68.5	(57.8 – 79.2)	2	68.0	(66.0 – 70.0)	87	67.7	(65.1 – 70.4)
Cardiac	1	23.0		0	—		21	62.5	(57.6 – 67.3)
Pulmonary	2	73.0	(67.1 – 78.9)	0	—		19	71.3	(66.8 – 75.8)
Burns	0	—		0	—		1	—	
Congenital deformity	1	30.0		0	—		0	—	
Other disabling imp.	1	47.0		3	38.7	(15.7 – 61.6)	56	43.4	(39.2 – 47.6)
Multiple trauma	0	—		0	—		17	48.1	(36.9 – 59.4)
Developmental disability	0	—		0	—		1	—	
Reconditioning	11	68.6	(61.2 – 76.0)	8	69.0	(57.7 – 80.3)	361	69.8	(68.4 – 71.2)
COVID-19 conditions	1	41.0		0	—		6	59.0	(47.3 – 70.7)
Missing or excluded	1			0			18		
All episodes	199	67.5	(65.6 – 69.4)	96	64.2	(61.4 – 67.1)	3,171	66.5	(66.0 – 67.0)

NDIS funding status at episode end

Episode source	Your Service FY24		Your Service FY25		All Ambulatory FY25 (AU)	
	N	%	N	%	N	%
Accepted - on a plan	7	4.0	4	4.8	105	3.7
Accepted - waiting	1	0.6	1	1.2	17	0.6
Awaiting eligibility determination	2	1.1	4	4.8	93	3.3
Eligible - hasn't applied	8	4.6	3	3.6	80	2.8
Eligible - NDIS not yet available in the region	1	0.6	0	—	5	0.2
Not eligible / not relevant	155	89.1	72	85.7	2,514	89.3
Missing	25		12		34	
All episodes (AU)	199		96		2,848	

Staff type by impairment group

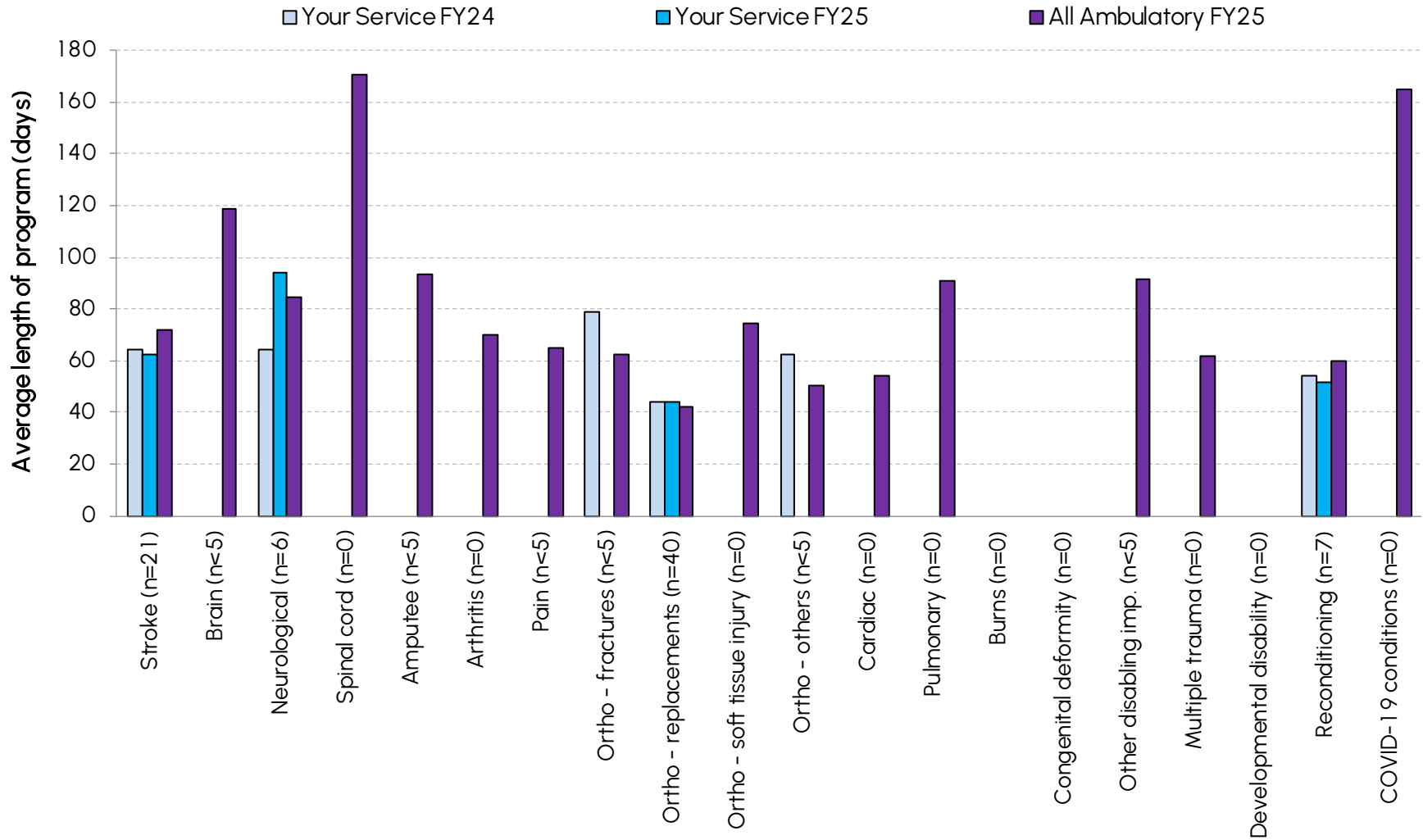
Percentage of patients receiving treatment from this staff type	Physiotherapist	Hydrotherapist	Occupational Therapist	Exercise Physiologist	Therapy Aide	Medical Officer	Registered Nurse	Enrolled Nurse	Speech Pathologist	Social Worker	Dietician	Psychologist	Neuro-psychologist	Other Staff Type
Impairment group														
Stroke (n=21)	81.0	4.8	81.0	28.6	42.9	14.3	4.8	0.0	66.7	28.6	4.8	9.5	9.5	28.6
Brain (n=3)	100.0	0.0	66.7	0.0	33.3	33.3	0.0	0.0	33.3	66.7	33.3	33.3	0.0	100.0
Neurological (n=8)	75.0	0.0	50.0	25.0	25.0	50.0	12.5	0.0	12.5	37.5	0.0	12.5	0.0	12.5
Spinal cord (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Amputee (n=3)	100.0	0.0	100.0	100.0	0.0	33.3	33.3	0.0	0.0	66.7	0.0	66.7	0.0	100.0
Arthritis (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pain (n=2)	100.0	0.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ortho - fractures (n=1)	100.0	100.0	100.0	0.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Ortho - replacements (n=41)	97.6	48.8	82.9	34.1	41.5	26.8	4.9	4.9	2.4	4.9	0.0	0.0	0.0	2.4
Ortho - soft tissue injury (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ortho - others (n=2)	100.0	50.0	100.0	50.0	50.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0
Cardiac (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Burns (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Congenital deformity (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other disabling imp. (n=3)	100.0	0.0	100.0	100.0	66.7	0.0	0.0	0.0	33.3	66.7	33.3	0.0	0.0	0.0
Multiple trauma (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Developmental disability (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Reconditioning (n=7)	100.0	42.9	85.7	85.7	71.4	14.3	0.0	0.0	28.6	0.0	28.6	0.0	0.0	14.3
COVID-19 conditions (n=0)	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

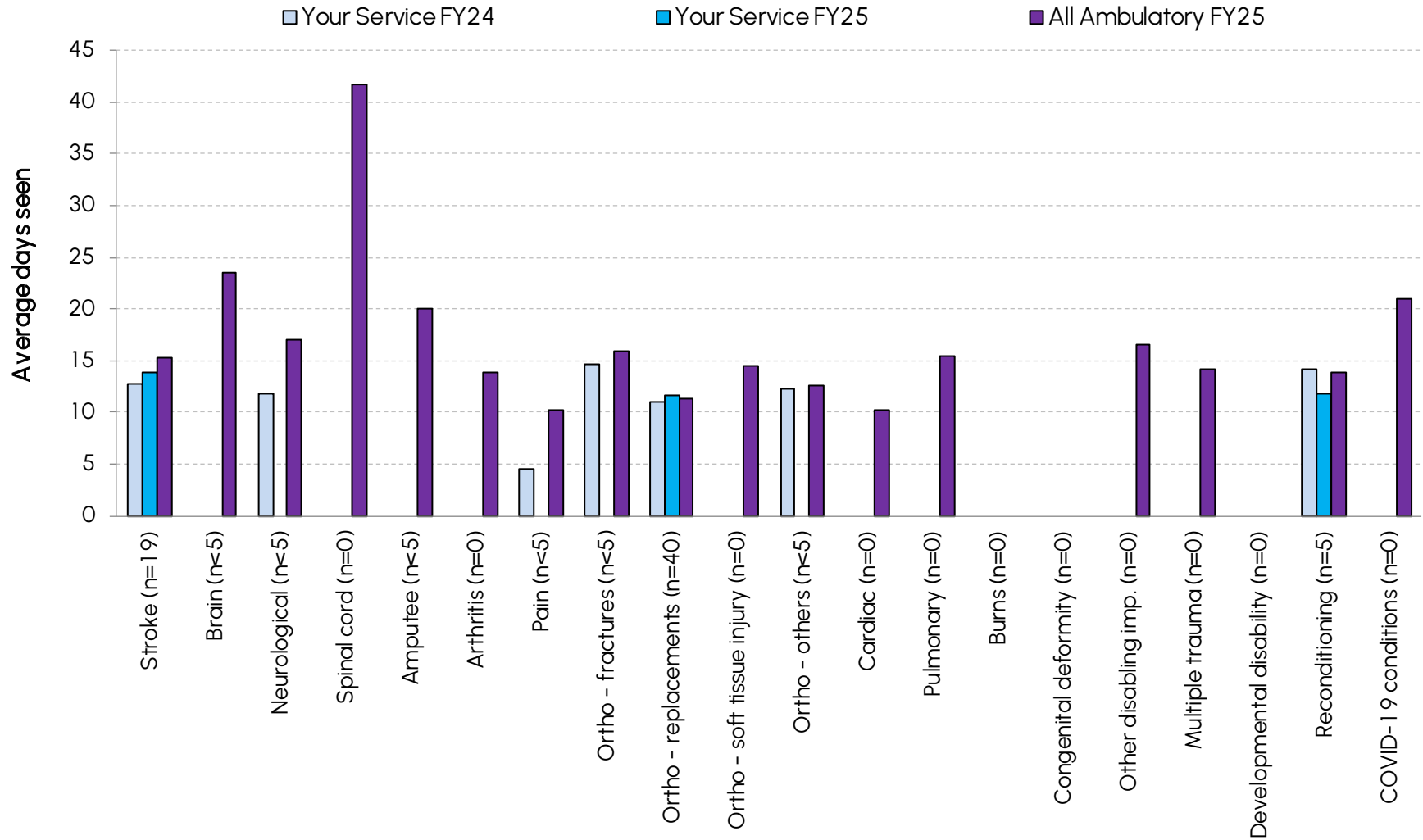
Length of program by impairment group



Length of program by impairment group

Impairment group	Your Service FY24			Your Service FY25			All Ambulatory FY25		
	N	Mean LOP	Trimmed data range*	N	Mean LOP	Trimmed data range*	N	Mean LOP	Trimmed data range*
Stroke	60	64.5	(14 – 177)	21	62.4	(21 – 146)	747	72.0	(16 – 175)
Brain	4	—		2	—		125	118.4	(24 – 260)
Neurological	16	64.3		6	94.0		144	84.8	(31 – 175)
Spinal cord	1	—		0	—		23	170.4	(37 – 364)
Amputee	1	—		2	—		49	93.7	(37 – 151)
Arthritis	0	—		0	—		6	70.0	
Pain	2	—		2	—		32	65.0	(14 – 138)
Ortho - fractures	6	79.0		2	—		113	62.1	(29 – 123)
Ortho - replacements	75	43.9	(23 – 79)	40	44.3	(24 – 91)	1,185	42.2	(21 – 78)
Ortho - soft tissue injury	0	—		0	—		11	74.5	
Ortho - others	6	62.7		2	—		80	50.6	(23 – 89)
Cardiac	1	—		0	—		21	54.2	(25 – 114)
Pulmonary	2	—		0	—		18	91.0	
Burns	0	—		0	—		(n<5)	—	
Congenital deformity	1	—		0	—		0	—	
Other disabling imp.	1	—		3	—		53	91.6	(30 – 267)
Multiple trauma	0	—		0	—		17	61.9	
Developmental disability	0	—		0	—		(n<5)	—	
Reconditioning	10	54.5		7	51.6		318	60.2	(25 – 126)
COVID-19 conditions	0	—		0	—		5	164.6	
Missing or excluded	13			9			227		
All episodes	199	57.1	(21 – 113)	96	59.5	(23 – 136)	3,171	62.2	(21 – 149)

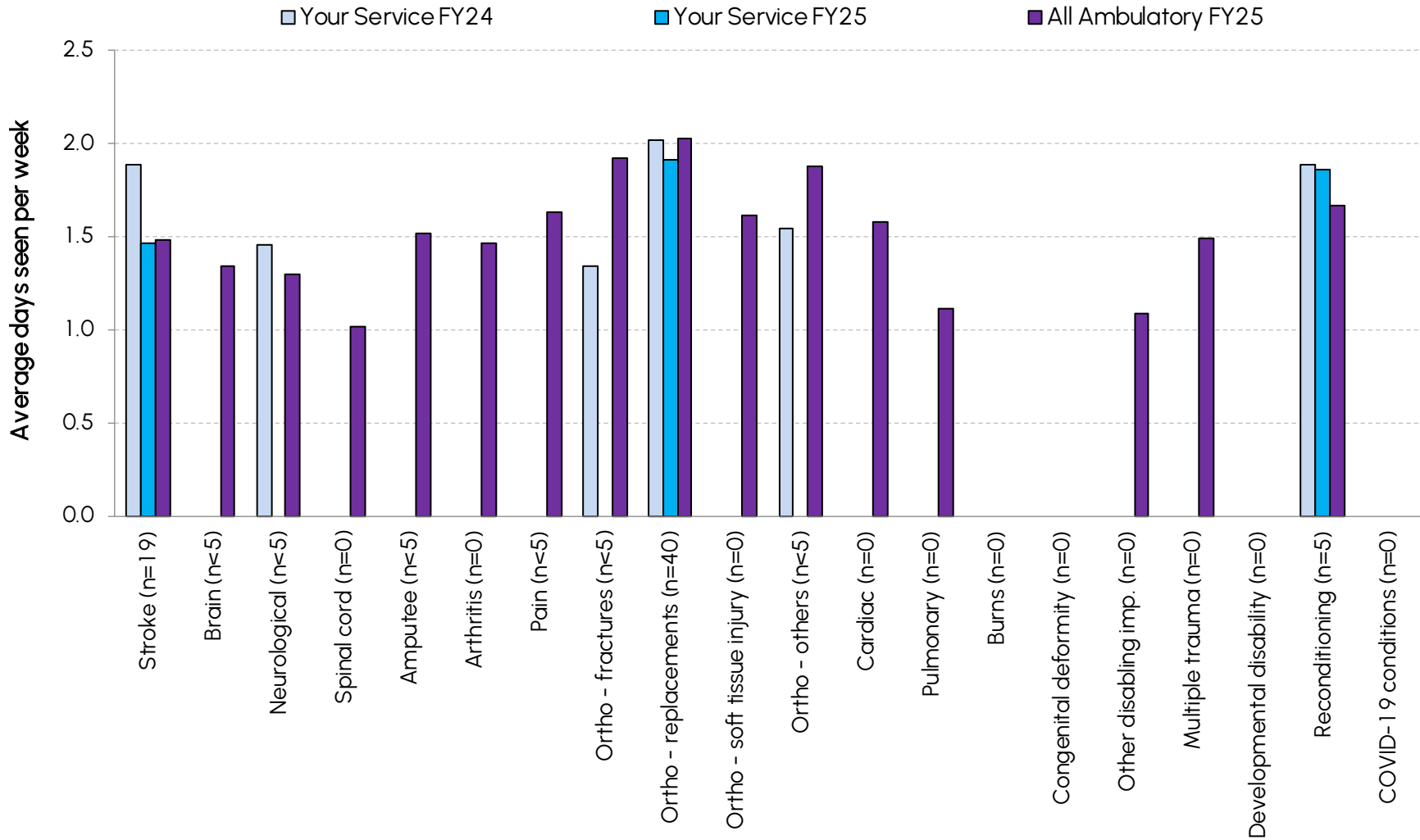
Days seen by impairment group



Days seen by impairment group

Impairment group	Your Service FY24			Your Service FY25			All Ambulatory FY25		
	N	Mean days seen	Trimmed data range*	N	Mean days seen	Trimmed data range*	N	Mean days seen	Trimmed data range*
Stroke	50	12.7	(4 – 33)	19	13.8		614	15.2	(2 – 38)
Brain	4	—		2	—		113	23.4	(3 – 71)
Neurological	14	11.9		3	—		94	17.0	(5 – 41)
Spinal cord	1	—		0	—		21	41.7	(8 – 126)
Amputee	0	—		1	—		20	20.1	(6 – 39)
Arthritis	0	—		0	—		6	13.8	
Pain	5	4.6		2	—		39	10.2	(1 – 25)
Ortho - fractures	5	14.6		2	—		97	15.9	(7 – 30)
Ortho - replacements	76	11.1	(5 – 19)	40	11.7	(6 – 20)	1,188	11.4	(5 – 18)
Ortho - soft tissue injury	0	—		0	—		9	14.6	
Ortho - others	6	12.3		2	—		72	12.6	(7 – 21)
Cardiac	1	—		0	—		10	10.3	
Pulmonary	2	—		0	—		17	15.4	
Burns	0	—		0	—		0	—	
Congenital deformity	0	—		0	—		0	—	
Other disabling imp.	1	—		0	—		34	16.5	(2 – 31)
Multiple trauma	0	—		0	—		6	14.2	
Developmental disability	0	—		0	—		(n<5)	—	
Reconditioning	7	14.1		5	11.8		253	13.8	(5 – 22)
COVID-19 conditions	0	—		0	—		(n<5)	—	
Missing or excluded	27			20			577		
All episodes	199	12.2	(4 – 23)	96	13.3	(3 – 32)	3,171	13.5	(3 – 30)

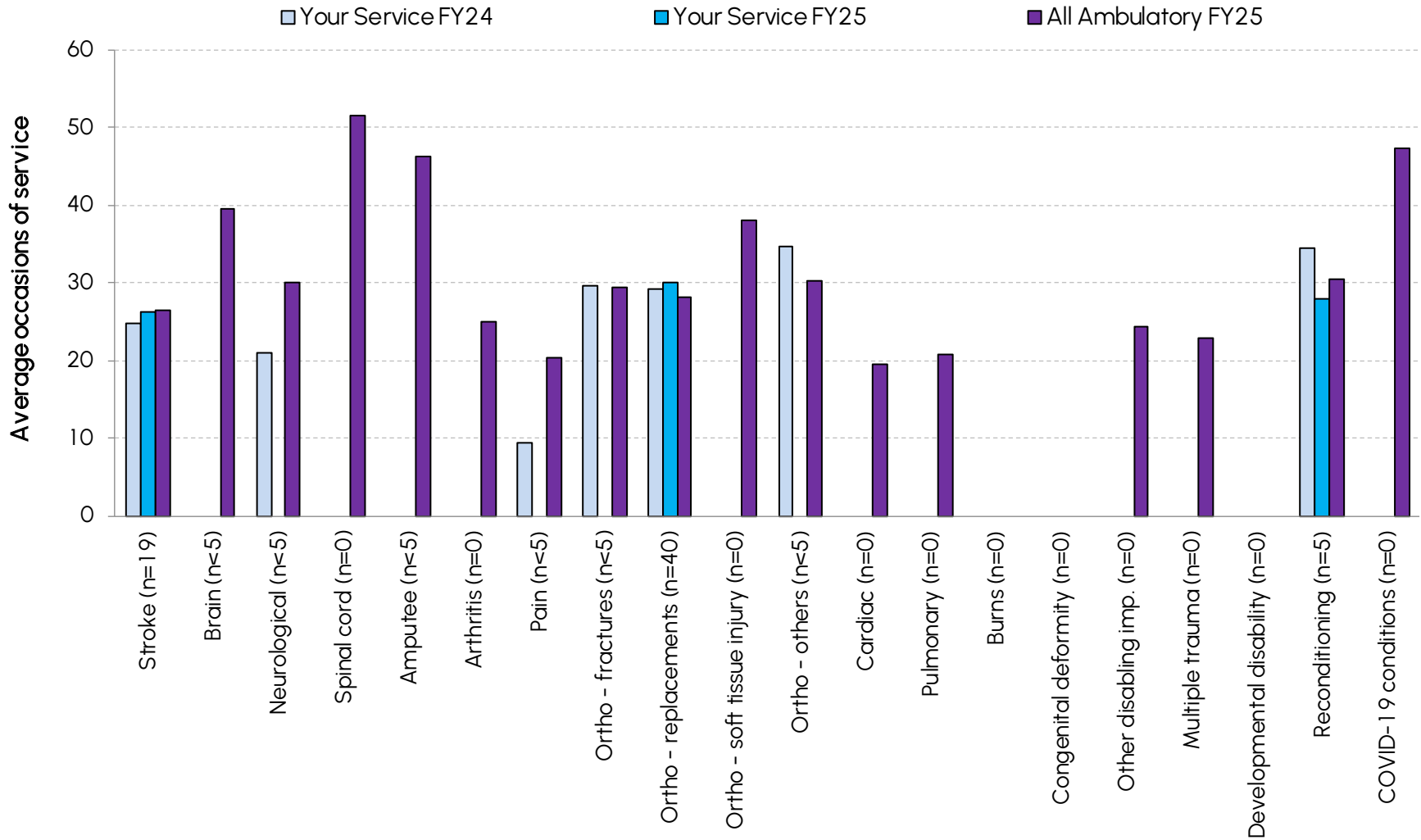
Days seen per elapsed week by impairment group



Days seen per elapsed week by impairment group

Impairment group	Your Service FY24			Your Service FY25			All Ambulatory FY25		
	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	50	1.9	(0.6 – 3.2)	19	1.5		605	1.5	(0.4 – 2.9)
Brain	4	—		2	—		110	1.3	(0.4 – 3.0)
Neurological	14	1.5		3	—		92	1.3	(0.3 – 2.8)
Spinal cord	0	—		0	—		15	1.0	
Amputee	0	—		1	—		19	1.5	
Arthritis	0	—		0	—		6	1.5	
Pain	2	—		2	—		29	1.6	(0.8 – 2.5)
Ortho - fractures	5	1.3		2	—		95	1.9	(0.8 – 5.0)
Ortho - replacements	75	2.0	(1.0 – 3.1)	40	1.9	(1.2 – 2.5)	1,177	2.0	(1.1 – 2.8)
Ortho - soft tissue injury	0	—		0	—		9	1.6	
Ortho - others	6	1.5		2	—		70	1.9	(1.1 – 2.8)
Cardiac	1	—		0	—		10	1.6	
Pulmonary	2	—		0	—		17	1.1	
Burns	0	—		0	—		0	—	
Congenital deformity	0	—		0	—		0	—	
Other disabling imp.	1	—		0	—		34	1.1	(0.2 – 2.0)
Multiple trauma	0	—		0	—		6	1.5	
Developmental disability	0	—		0	—		(n<5)	—	
Reconditioning	7	1.9		5	1.9		251	1.7	(0.6 – 2.3)
COVID-19 conditions	0	—		0	—		(n<5)	—	
Missing or excluded	32			20			625		
All episodes	199	1.8	(0.6 – 3.1)	96	1.7	(0.7 – 2.7)	3,171	1.7	(0.6 – 2.8)

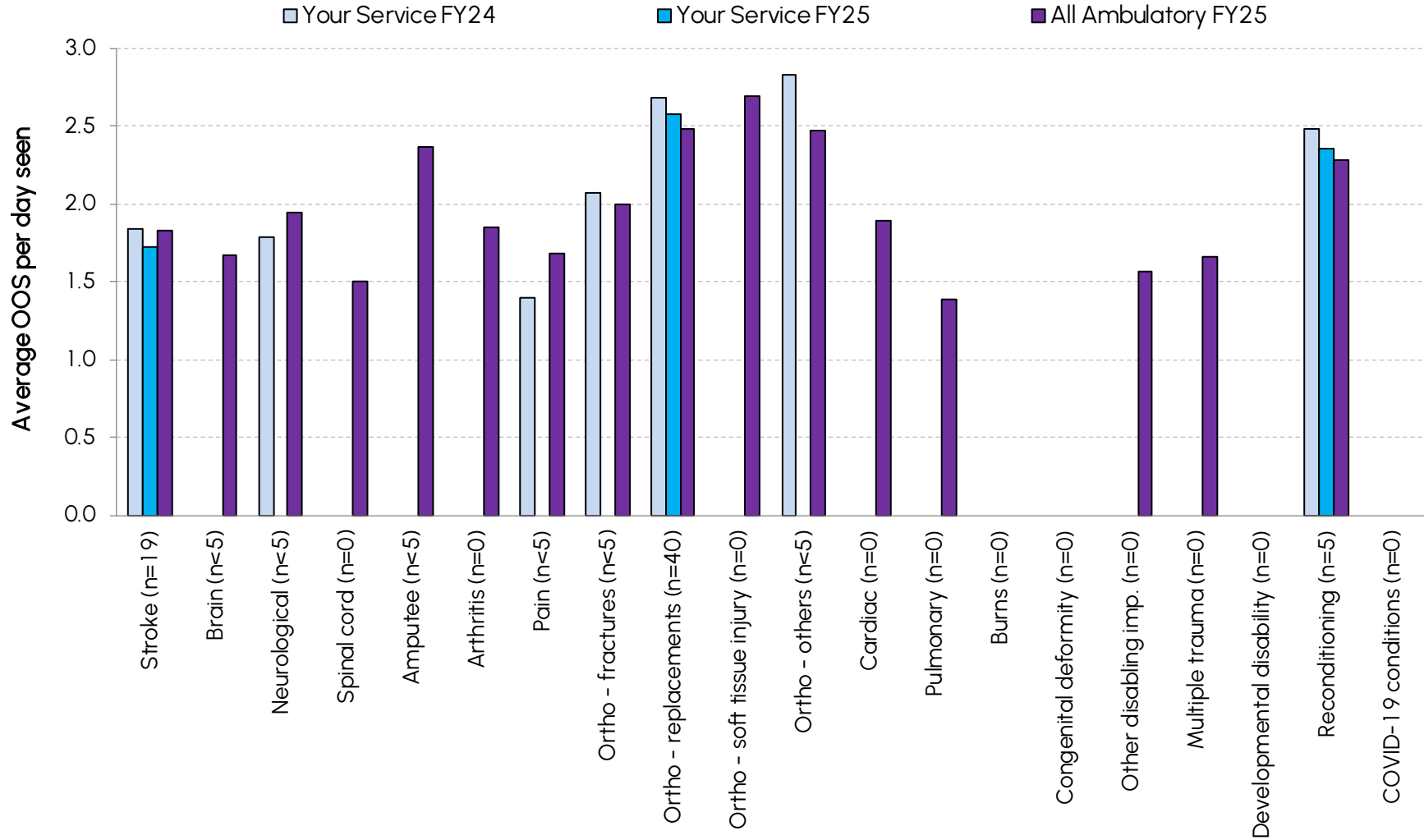
Occasions of service by impairment group



Occasions of service by impairment group

Impairment group	Your Service FY24			Your Service FY25			All Ambulatory FY25		
	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	50	24.9	(4 – 89)	19	26.2		612	26.5	(3 – 68)
Brain	4	—		2	—		113	39.5	(4 – 126)
Neurological	14	21.0		3	—		94	30.1	(6 – 67)
Spinal cord	1	—		0	—		21	51.6	(15 – 143)
Amputee	0	—		1	—		20	46.2	(9 – 98)
Arthritis	0	—		0	—		6	25.0	
Pain	5	9.4		2	—		39	20.3	(1 – 60)
Ortho - fractures	5	29.6		2	—		97	29.4	(8 – 60)
Ortho - replacements	76	29.2	(14 – 54)	40	30.1	(10 – 54)	1,187	28.3	(8 – 54)
Ortho - soft tissue injury	0	—		0	—		9	38.0	
Ortho - others	6	34.7		2	—		72	30.3	(14 – 51)
Cardiac	1	—		0	—		10	19.5	
Pulmonary	2	—		0	—		17	20.9	
Burns	0	—		0	—		0	—	
Congenital deformity	0	—		0	—		0	—	
Other disabling imp.	1	—		0	—		34	24.5	(4 – 51)
Multiple trauma	0	—		0	—		6	23.0	
Developmental disability	0	—		0	—		(n<5)	—	
Reconditioning	7	34.4		5	28.0		253	30.4	(9 – 60)
COVID-19 conditions	0	—		0	—		(n<5)	—	
Missing or excluded	27			20			580		
All episodes	199	27.0	(5 – 57)	96	29.6	(5 – 69)	3,171	29.2	(5 – 60)

Occasions of service per day seen by impairment group



Occasions of service per day seen by impairment group

Impairment group	Your Service FY24			Your Service FY25			All Ambulatory FY25		
	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	50	1.8	(1.0 – 4.0)	19	1.7		611	1.8	(1.0 – 3.7)
Brain	4	—		2	—		113	1.7	(1.0 – 3.5)
Neurological	14	1.8		3	—		94	1.9	(1.0 – 3.9)
Spinal cord	1	—		0	—		21	1.5	(1.0 – 3.0)
Amputee	0	—		1	—		20	2.4	(1.2 – 3.1)
Arthritis	0	—		0	—		6	1.9	
Pain	5	1.4		2	—		39	1.7	(1.0 – 3.0)
Ortho - fractures	5	2.1		2	—		97	2.0	(1.0 – 3.0)
Ortho - replacements	76	2.7	(1.0 – 3.0)	40	2.6	(1.0 – 3.0)	1,187	2.5	(1.0 – 3.0)
Ortho - soft tissue injury	0	—		0	—		9	2.7	
Ortho - others	6	2.8		2	—		72	2.5	(1.0 – 3.0)
Cardiac	1	—		0	—		10	1.9	
Pulmonary	2	—		0	—		17	1.4	
Burns	0	—		0	—		0	—	
Congenital deformity	0	—		0	—		0	—	
Other disabling imp.	1	—		0	—		34	1.6	(1.1 – 2.3)
Multiple trauma	0	—		0	—		6	1.7	
Developmental disability	0	—		0	—		(n<5)	—	
Reconditioning	7	2.5		5	2.4		253	2.3	(1.0 – 3.2)
COVID-19 conditions	0	—		0	—		(n<5)	—	
Missing or excluded	27			20			581		
All episodes	199	2.2	(1.0 – 3.0)	96	2.2	(1.0 – 3.0)	3,171	2.2	(1.0 – 3.0)

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.

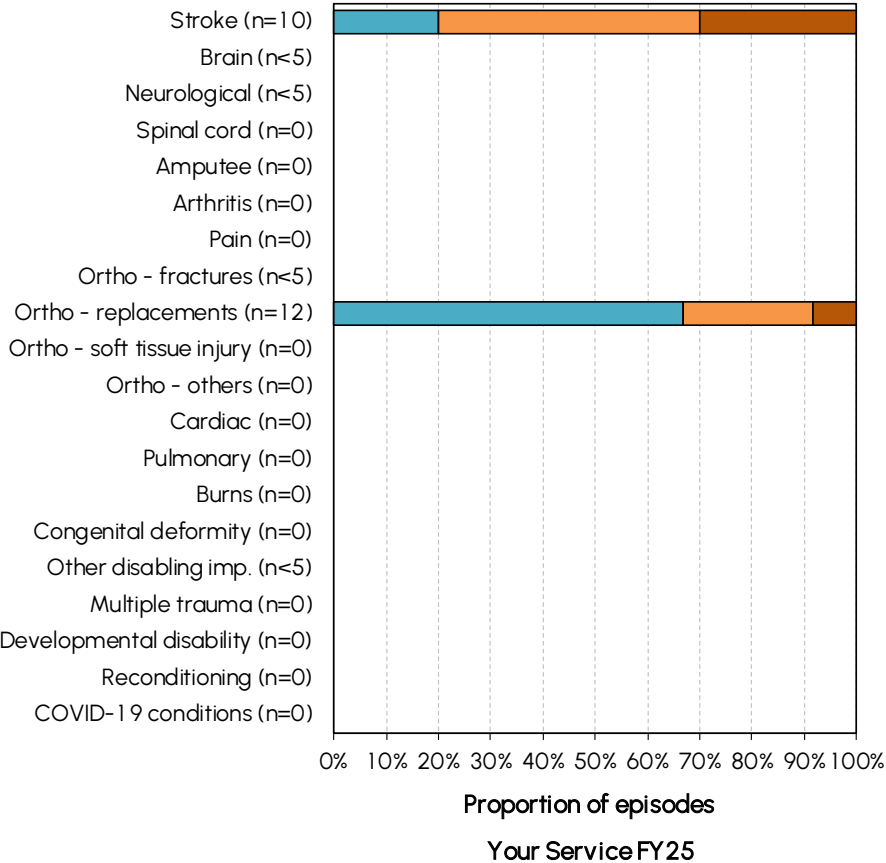
A patient with a 'reduced employment outcome' is in:

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

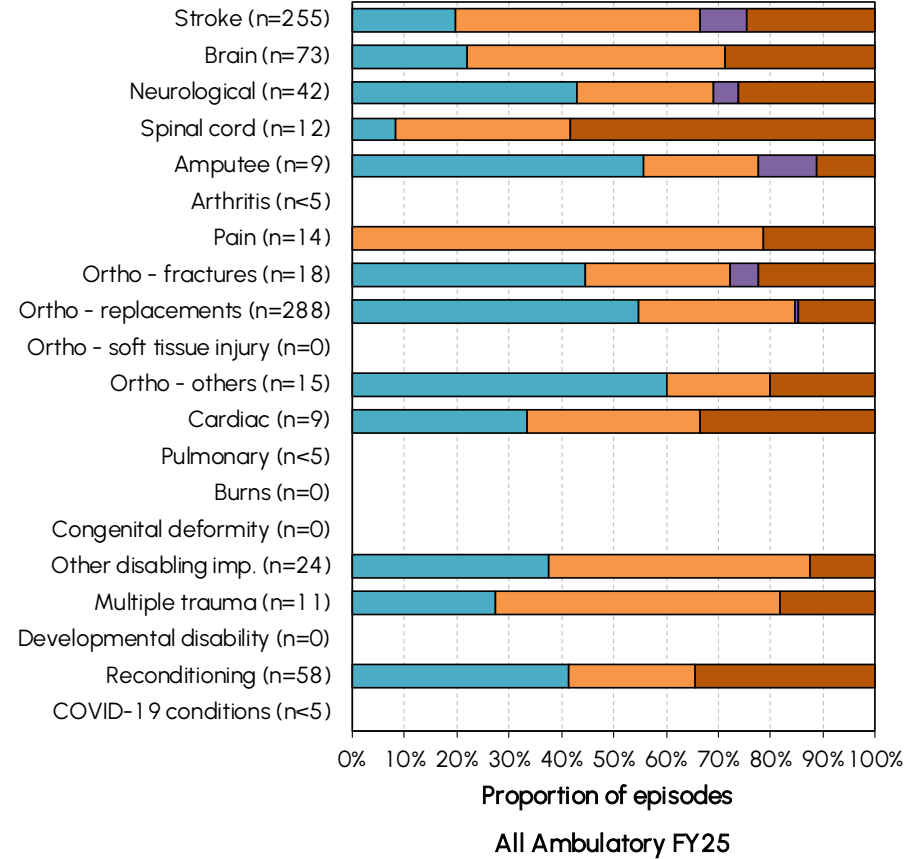
Employment outcomes are only considered for patients who were employed prior to injury / impairment or exacerbation of impairment.

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



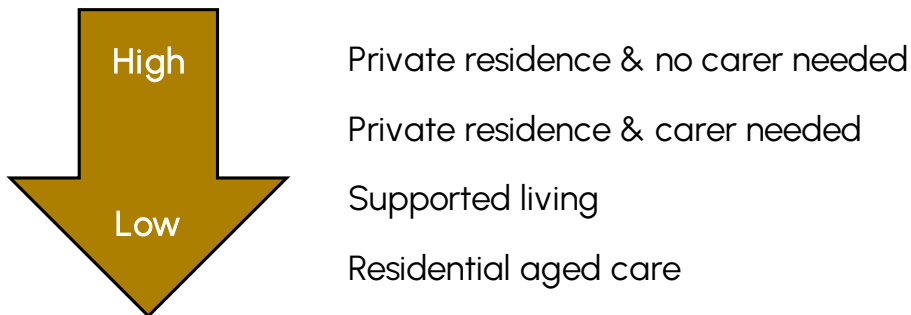
Employment outcomes by impairment group

Impairment group	Your Service FY24		Your Service FY25		All Ambulatory FY25	
	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	15	26.7	10	20.0	255	19.6
Brain	3	66.7	1	100.0	73	21.9
Neurological	5	80.0	3	33.3	42	42.9
Spinal cord	1	0.0	0	—	12	8.3
Amputee	0	—	0	—	9	55.6
Arthritis	0	—	0	—	(n<5)	—
Pain	4	50.0	0	—	14	0.0
Ortho - fractures	1	0.0	1	0.0	18	44.4
Ortho - replacements	21	42.9	12	66.7	288	54.9
Ortho - soft tissue injury	0	—	0	—	0	—
Ortho - others	1	100.0	0	—	15	60.0
Cardiac	0	—	0	—	9	33.3
Pulmonary	0	—	0	—	(n<5)	—
Burns	0	—	0	—	0	—
Congenital deformity	0	—	0	—	0	—
Other disabling imp.	1	100.0	2	50.0	24	37.5
Multiple trauma	0	—	0	—	11	27.3
Developmental disability	0	—	0	—	0	—
Reconditioning	1	100.0	0	—	58	41.4
COVID-19 conditions	0	—	0	—	(n<5)	—
Missing or excluded	146		67		2,339	
All episodes	199	45.3	96	44.8	3,171	37.0

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.

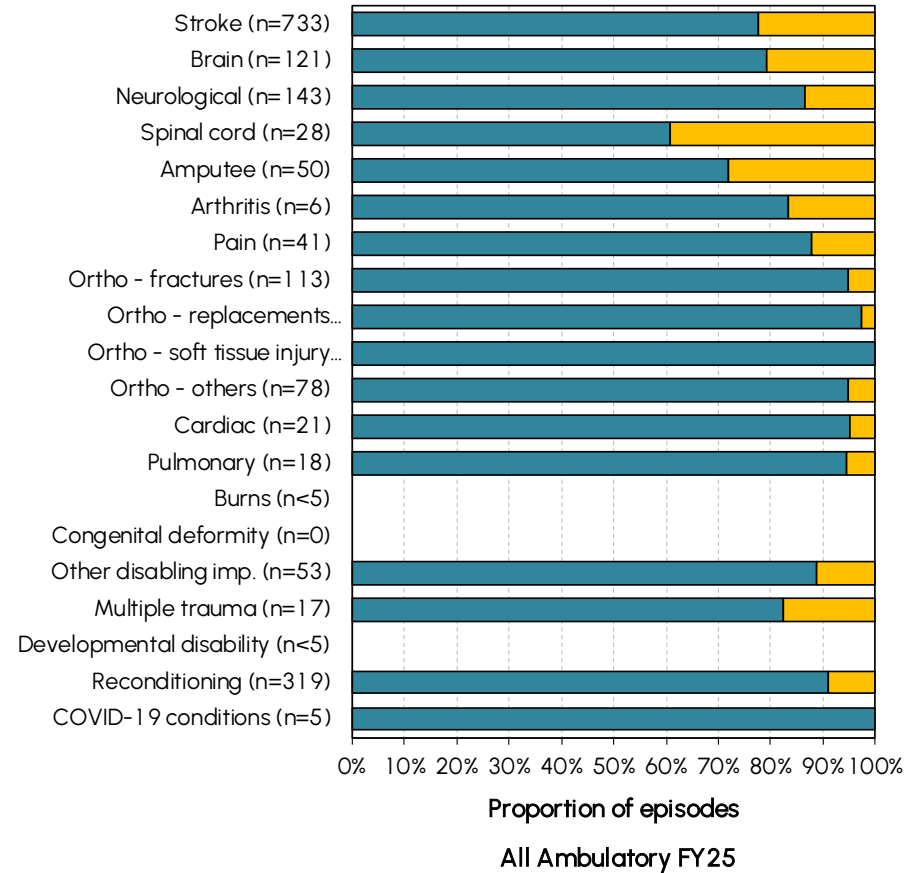
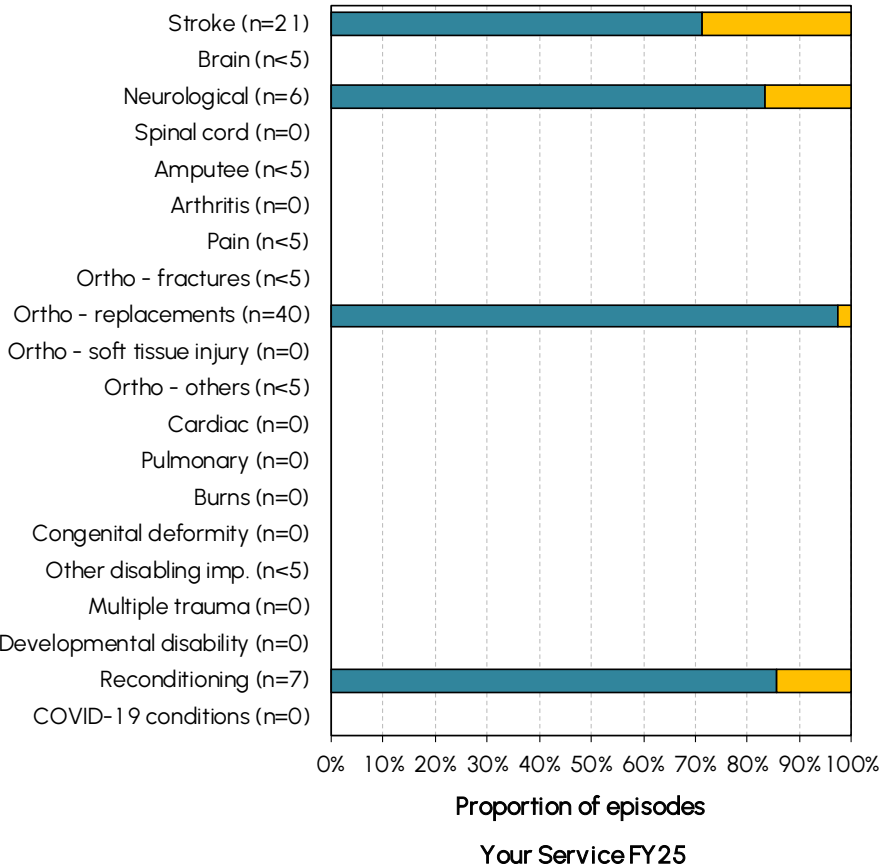
A patient is defined as having 'reduced independence' when:

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

Independence outcomes by impairment group

■ Equivalent independence ■ Reduced independence

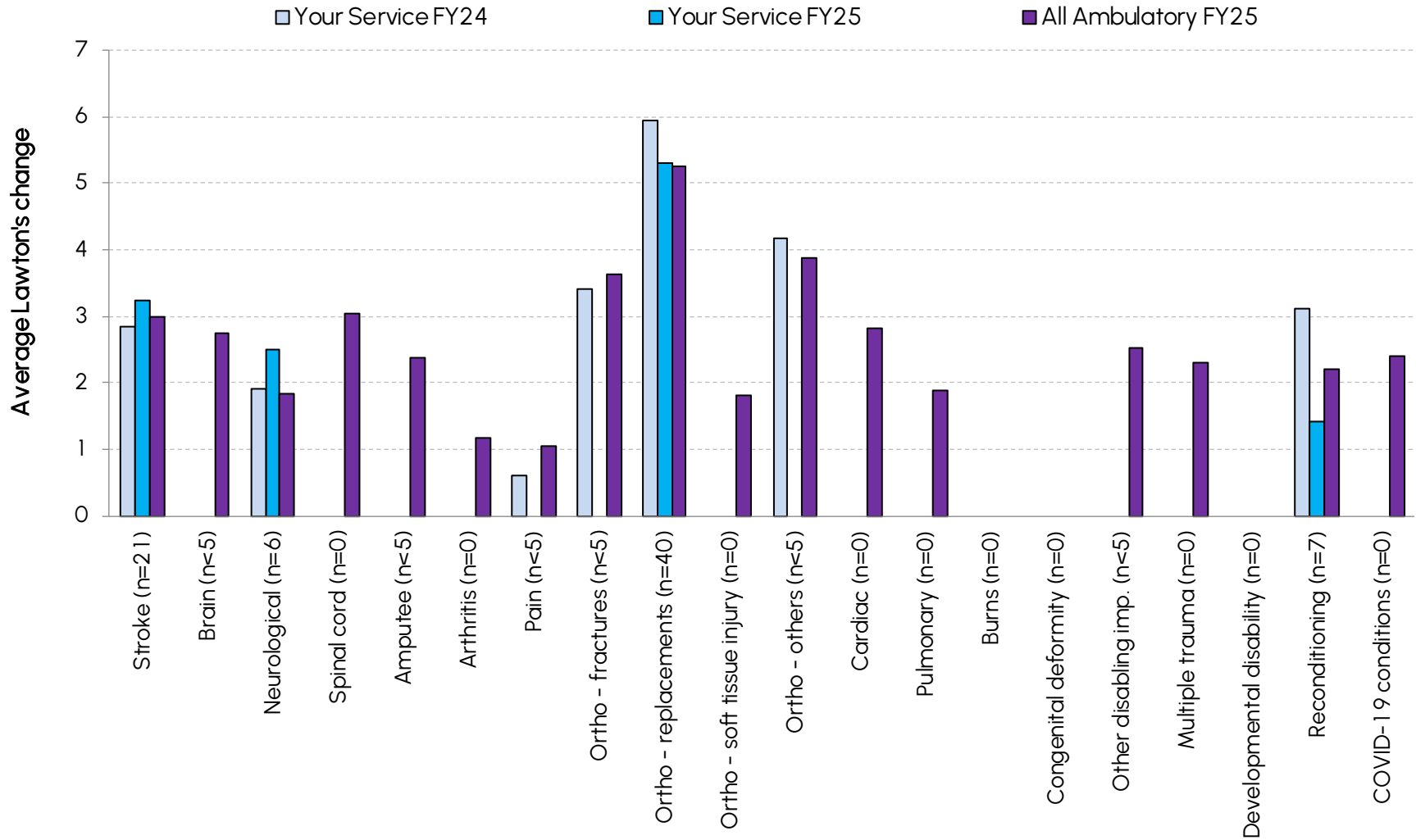
■ Equivalent independence ■ Reduced independence



Independence outcomes by impairment group

Impairment group	Your Service FY24		Your Service FY25		All Ambulatory FY25	
	N	Equivalent independence outcome (%)	N	Equivalent independence outcome (%)	N	Equivalent independence outcome (%)
Stroke	58	81.0	21	71.4	733	77.8
Brain	4	100.0	1	100.0	121	79.3
Neurological	15	86.7	6	83.3	143	86.7
Spinal cord	2	50.0	0	—	28	60.7
Amputee	1	100.0	2	50.0	50	72.0
Arthritis	0	—	0	—	6	83.3
Pain	5	80.0	2	100.0	41	87.8
Ortho - fractures	6	83.3	2	100.0	113	94.7
Ortho - replacements	76	98.7	40	97.5	1,187	97.3
Ortho - soft tissue injury	0	—	0	—	11	100.0
Ortho - others	6	100.0	2	100.0	78	94.9
Cardiac	1	100.0	0	—	21	95.2
Pulmonary	2	100.0	0	—	18	94.4
Burns	0	—	0	—	(n<5)	—
Congenital deformity	1	100.0	0	—	0	—
Other disabling imp.	1	100.0	3	100.0	53	88.7
Multiple trauma	0	—	0	—	17	82.4
Developmental disability	0	—	0	—	(n<5)	—
Reconditioning	10	90.0	7	85.7	319	90.9
COVID-19 conditions	0	—	0	—	5	100.0
Missing or excluded	11		10		230	
All episodes	199	90.4	96	88.4	3,171	89.1

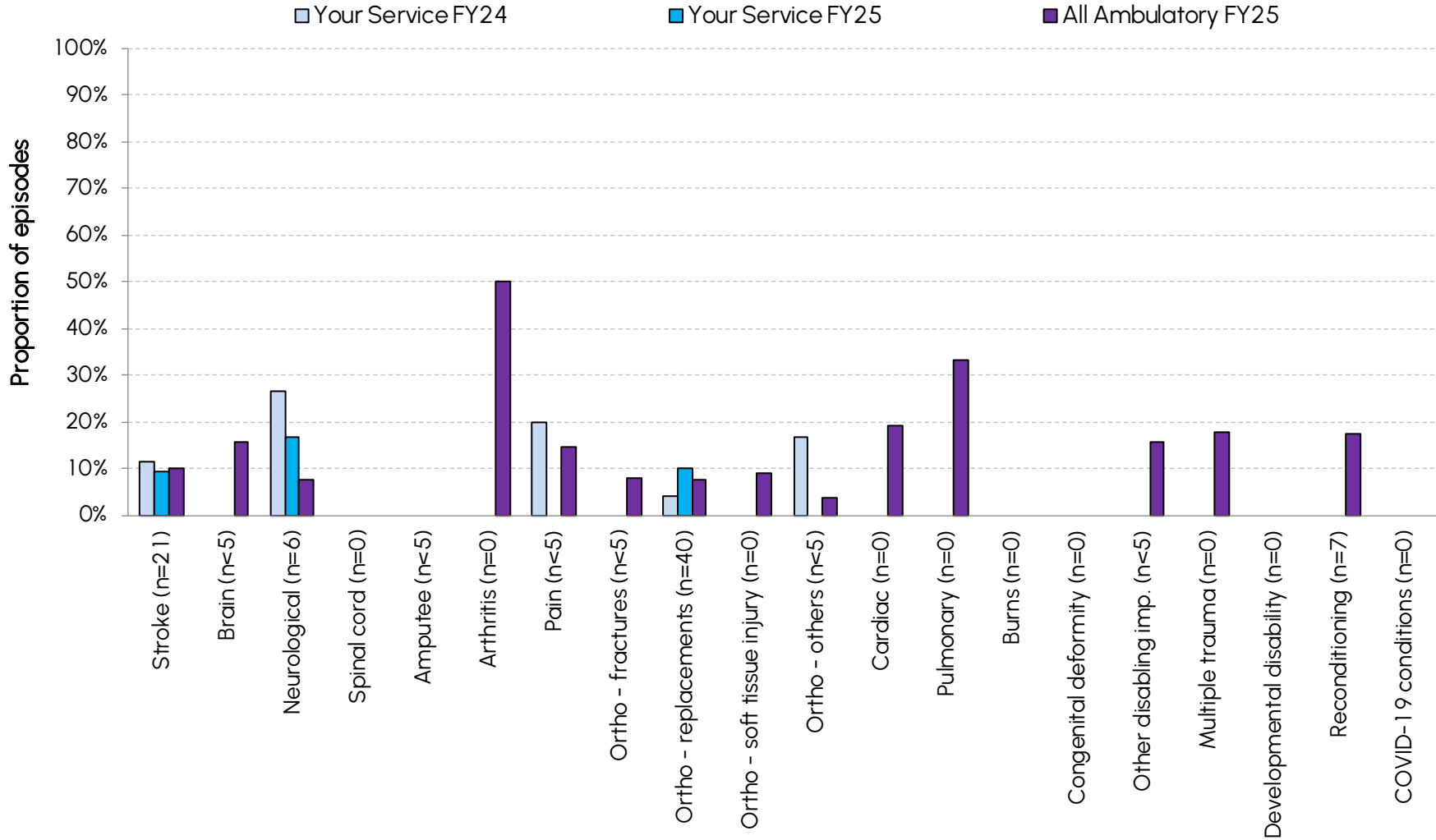
Lawton's score change by impairment



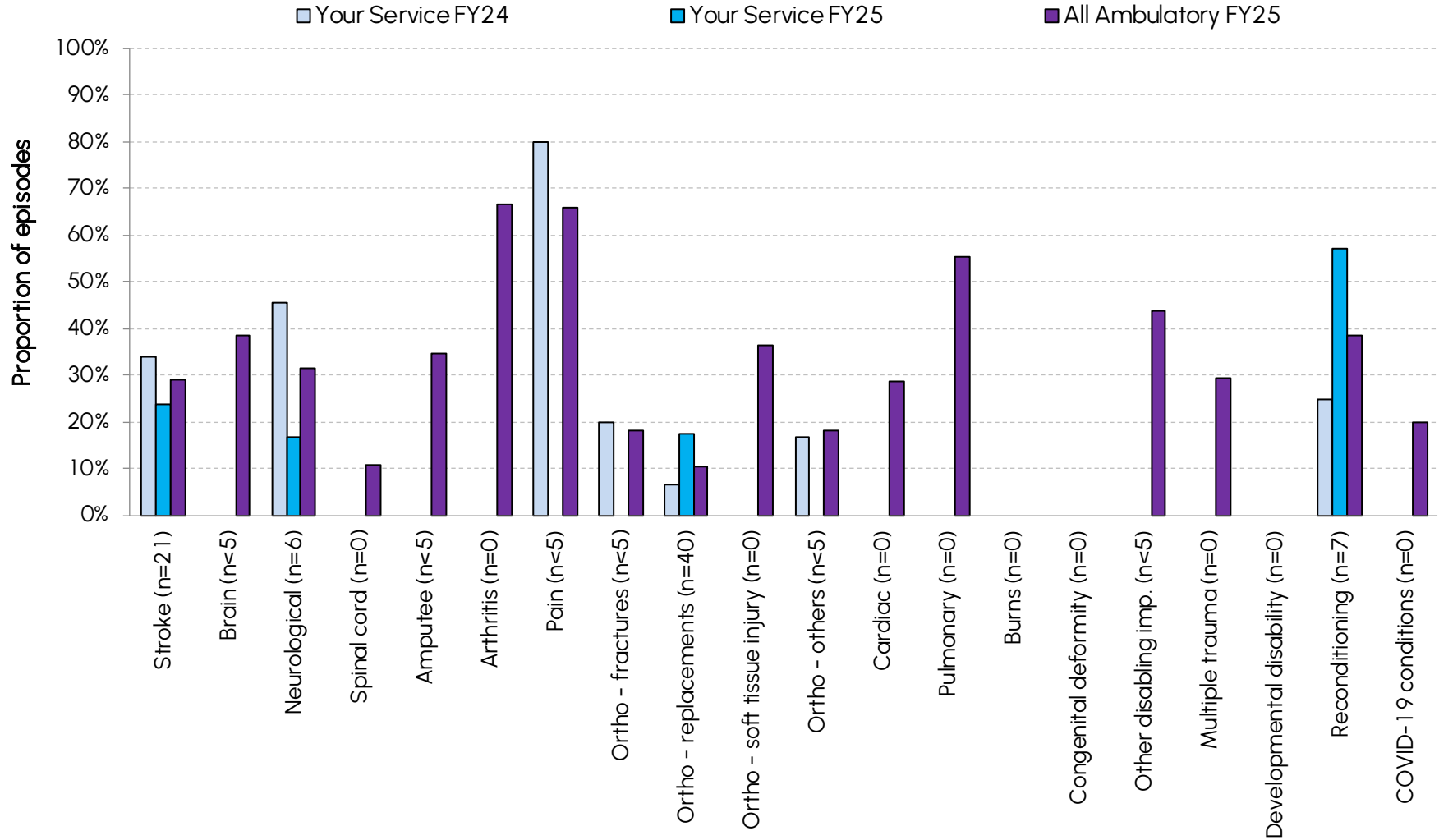
Lawton's score change by impairment

Impairment group	Your Service FY24		Your Service FY25		All Ambulatory FY25	
	N	Avg. Lawton's change	N	Avg. Lawton's change	N	Avg. Lawton's change
Stroke	59	2.8	21	3.2	732	3.0
Brain	4	3.0	2	10.5	125	2.8
Neurological	11	1.9	6	2.5	130	1.8
Spinal cord	2	1.0	0	—	28	3.0
Amputee	1	3.0	2	5.0	49	2.4
Arthritis	0	—	0	—	6	1.2
Pain	5	0.6	2	3.5	38	1.1
Ortho - fractures	5	3.4	2	-1.5	110	3.6
Ortho - replacements	74	5.9	40	5.3	1,180	5.2
Ortho - soft tissue injury	0	—	0	—	11	1.8
Ortho - others	6	4.2	2	4.0	77	3.9
Cardiac	0	—	0	—	21	2.8
Pulmonary	1	0.0	0	—	9	1.9
Burns	0	—	0	—	0	—
Congenital deformity	1	-2.0	0	—	0	—
Other disabling imp.	1	4.0	3	0.3	48	2.5
Multiple trauma	0	—	0	—	17	2.3
Developmental disability	0	—	0	—	(n<5)	—
Reconditioning	8	3.1	7	1.4	313	2.2
COVID-19 conditions	0	—	0	—	5	2.4
Missing or excluded	21		9		276	
All episodes	199	4.0	96	4.0	3,171	3.7

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

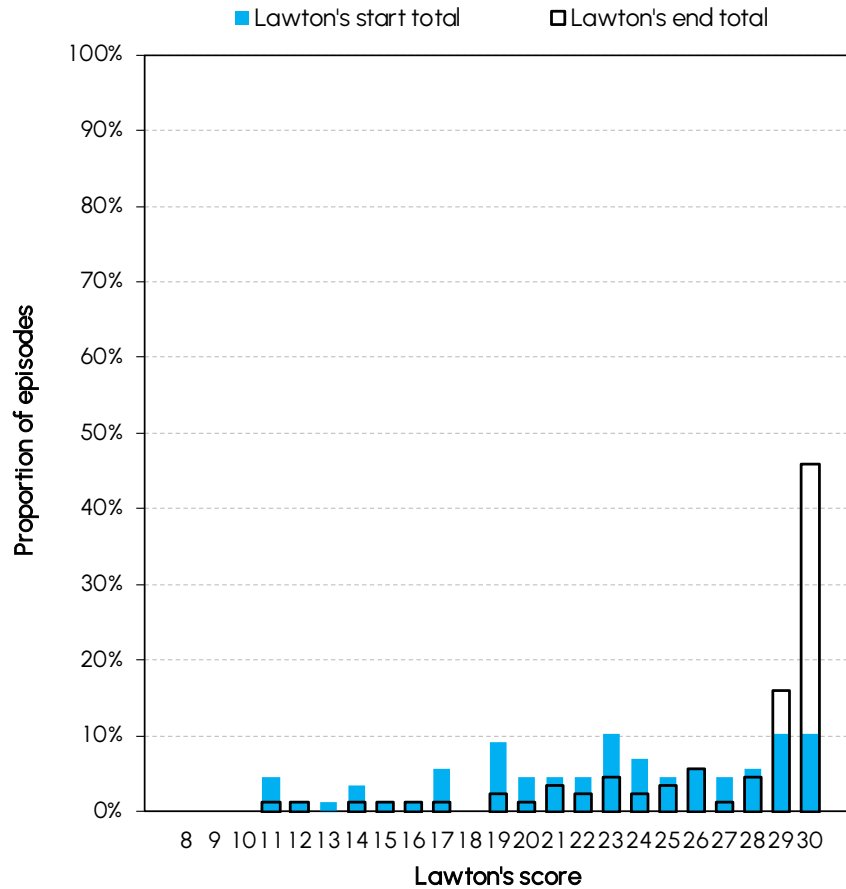


Episodes with no change in Lawton's score by impairment group

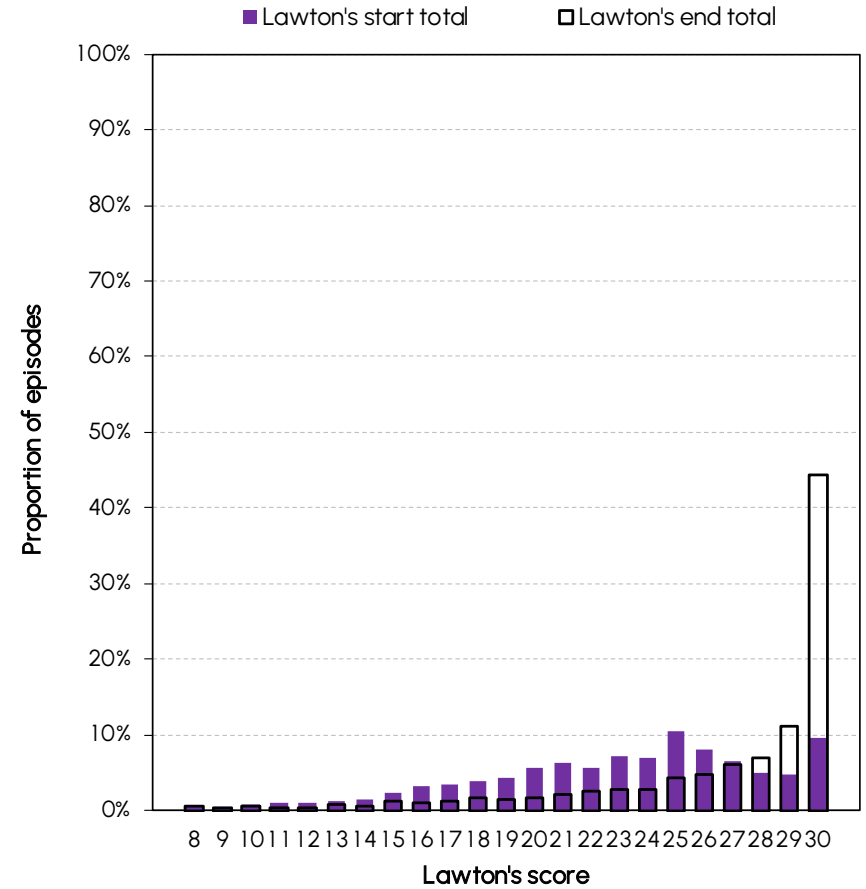


Lawton's start and end total – all episodes

Your Service FY25 (n=87)

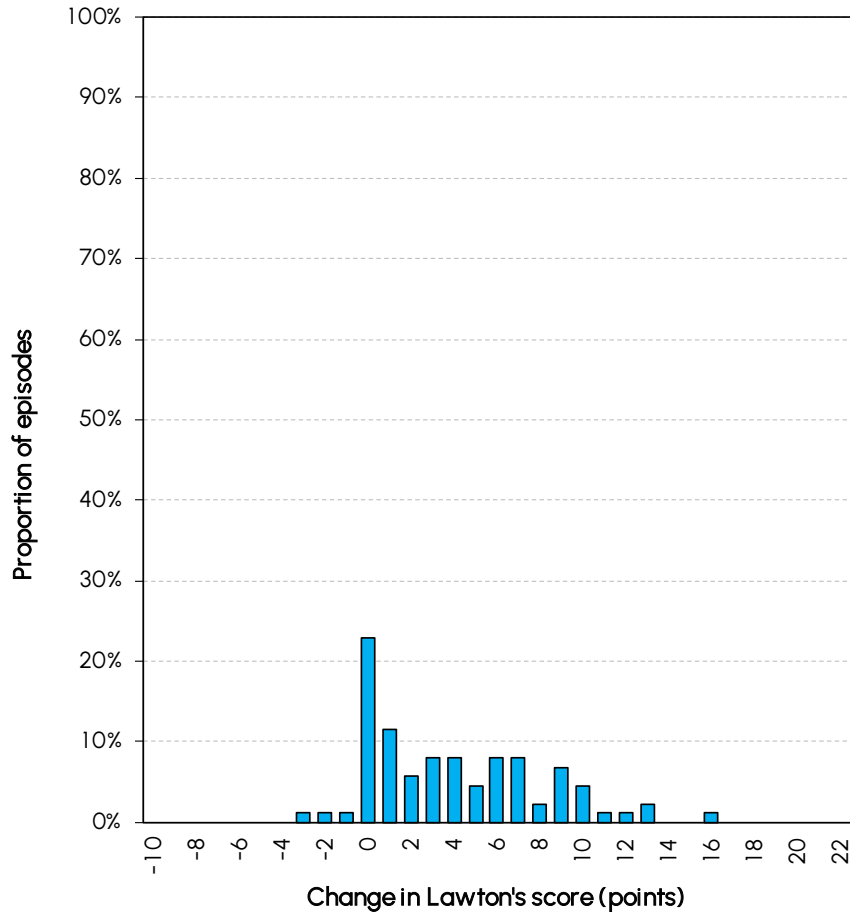


All Ambulatory FY25 (n=2,906)

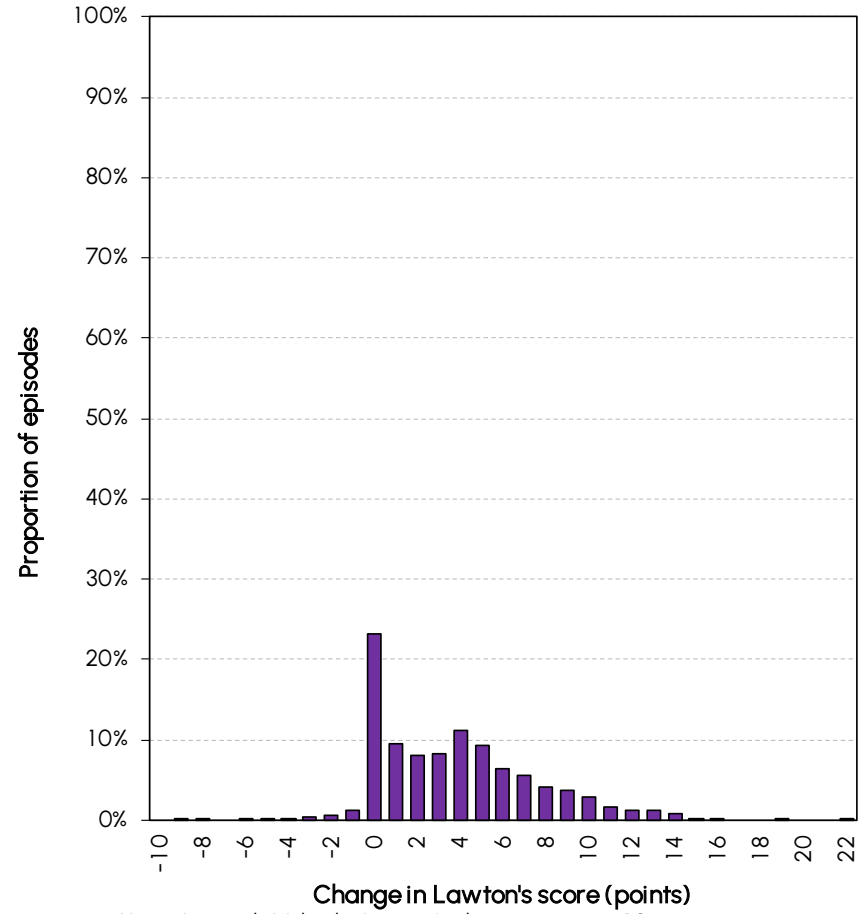


Change in Lawton's score – all episodes

Your Service FY25 (n=87)



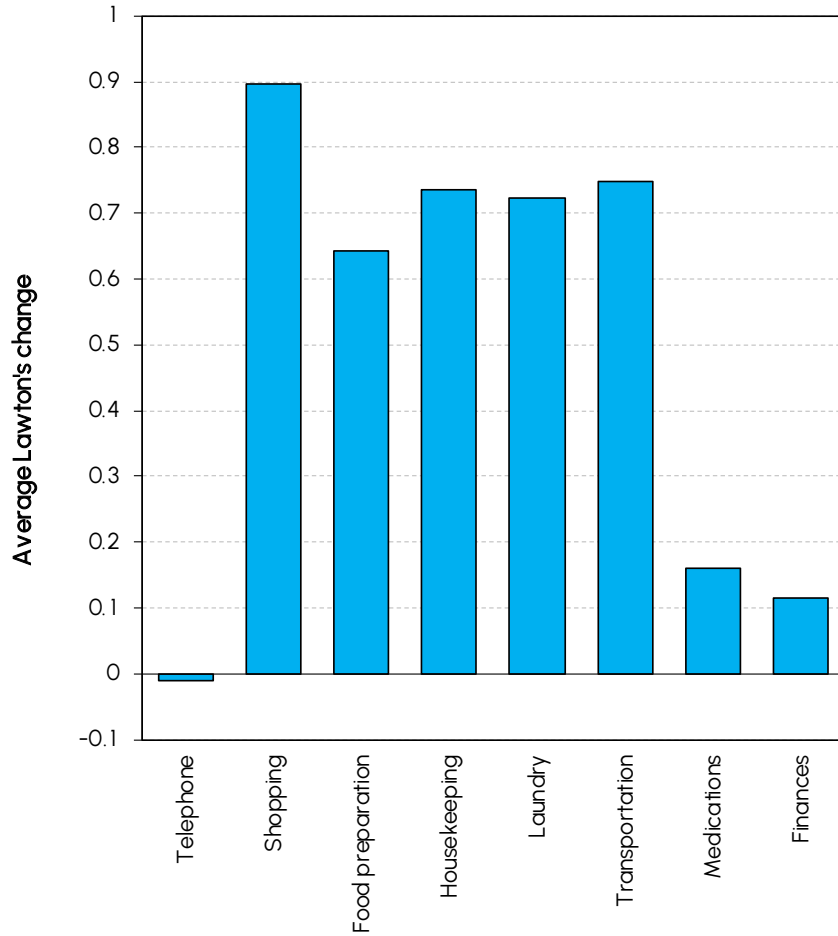
All Ambulatory FY25 (n=2,902)



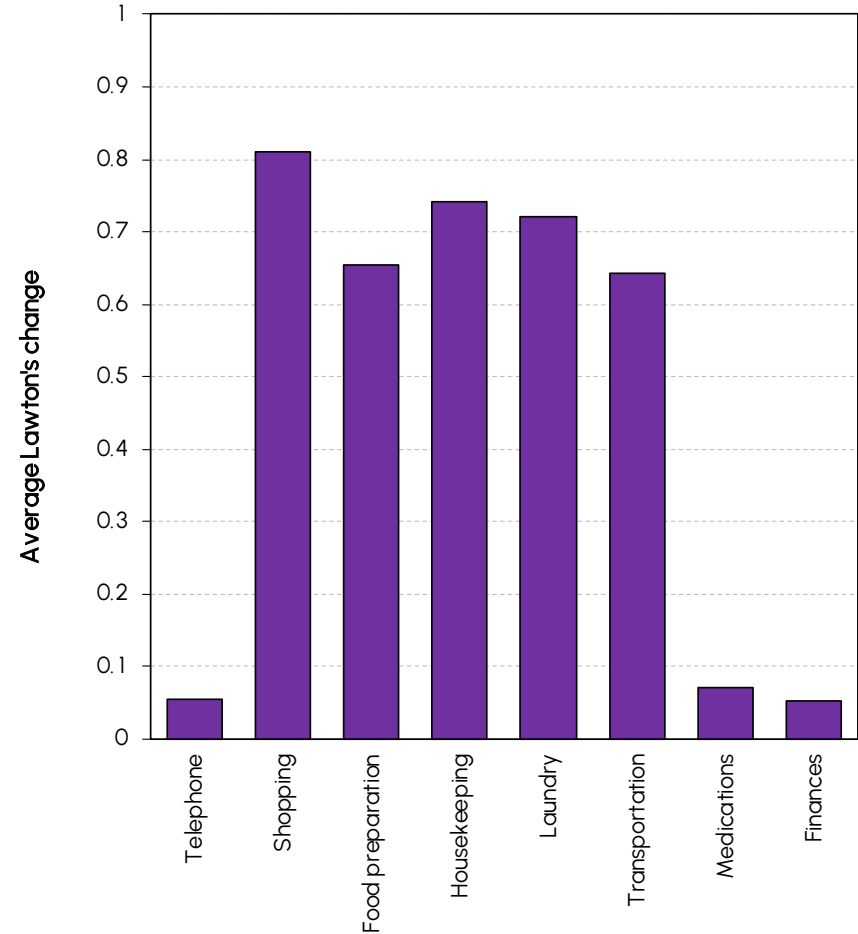
Note: 4 episode(s) had a Lawton's change score < -10.

Change in Lawton's item scores – all episodes

Your Service FY25 (n=87)



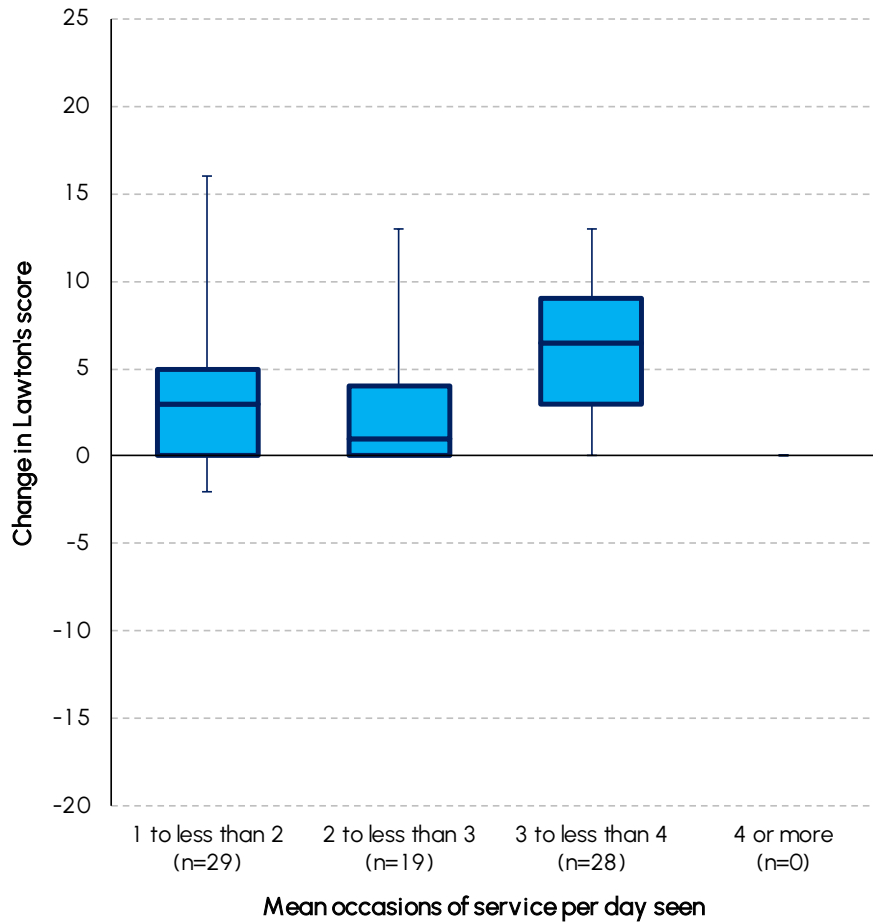
All Ambulatory FY25 (n=2,902)



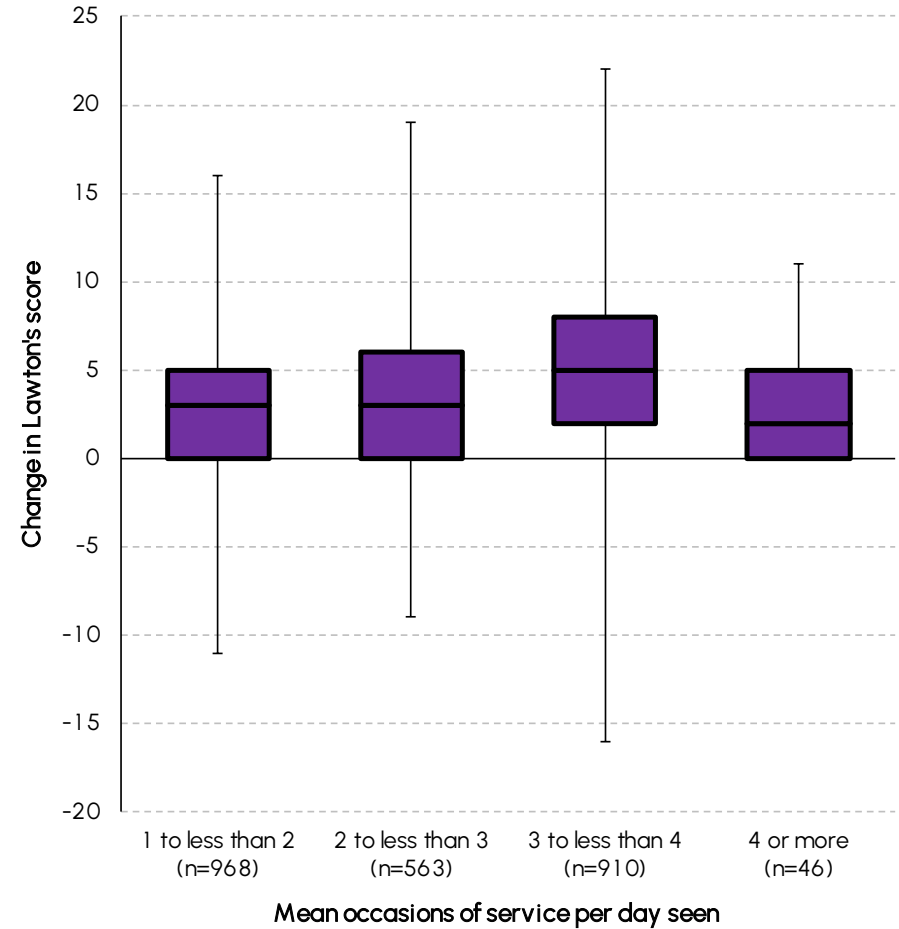
Note: 4 episode(s) had a Lawton's change score < -10.

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

Your Service FY25



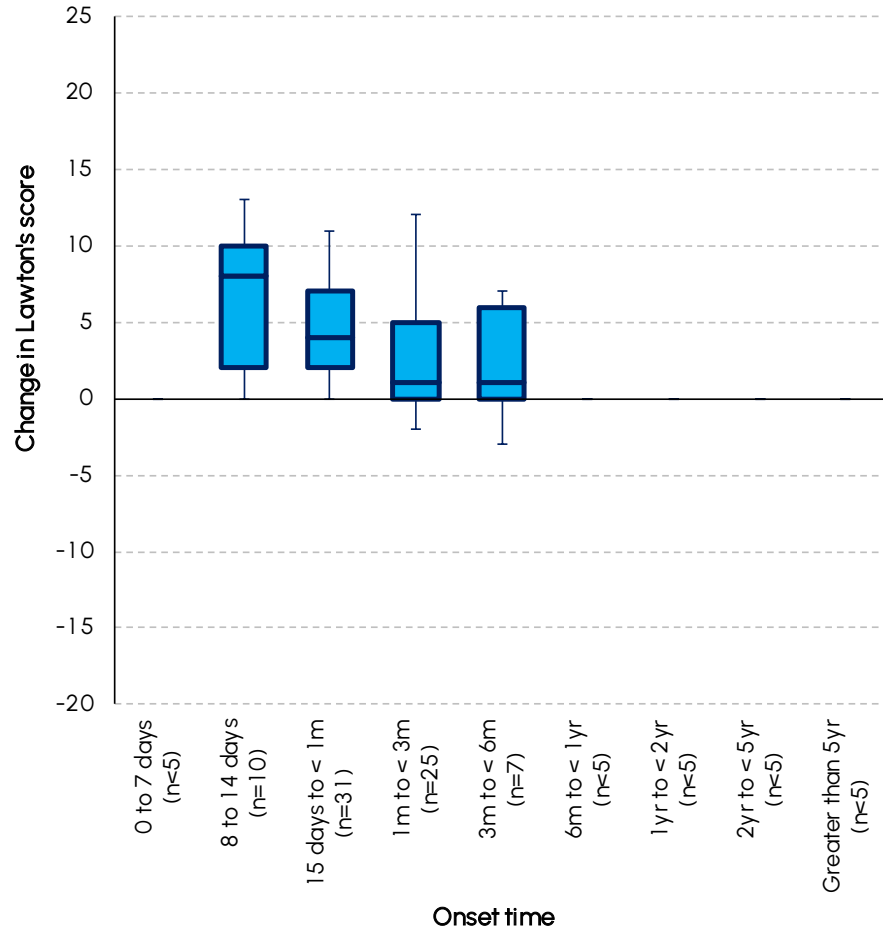
All Ambulatory FY25



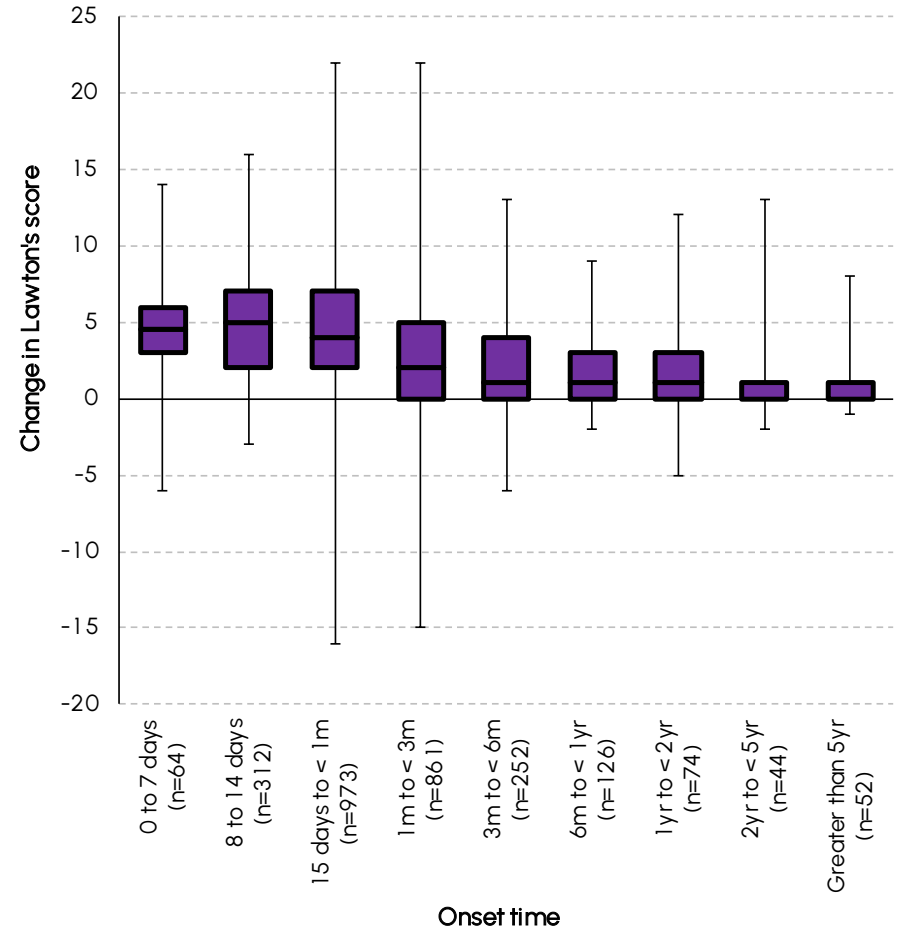
NOTE: To understand how to interpret these figures please refer to Appendix 3

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

Your Service FY25



All Ambulatory FY25



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

Impairment Specific Outcomes 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

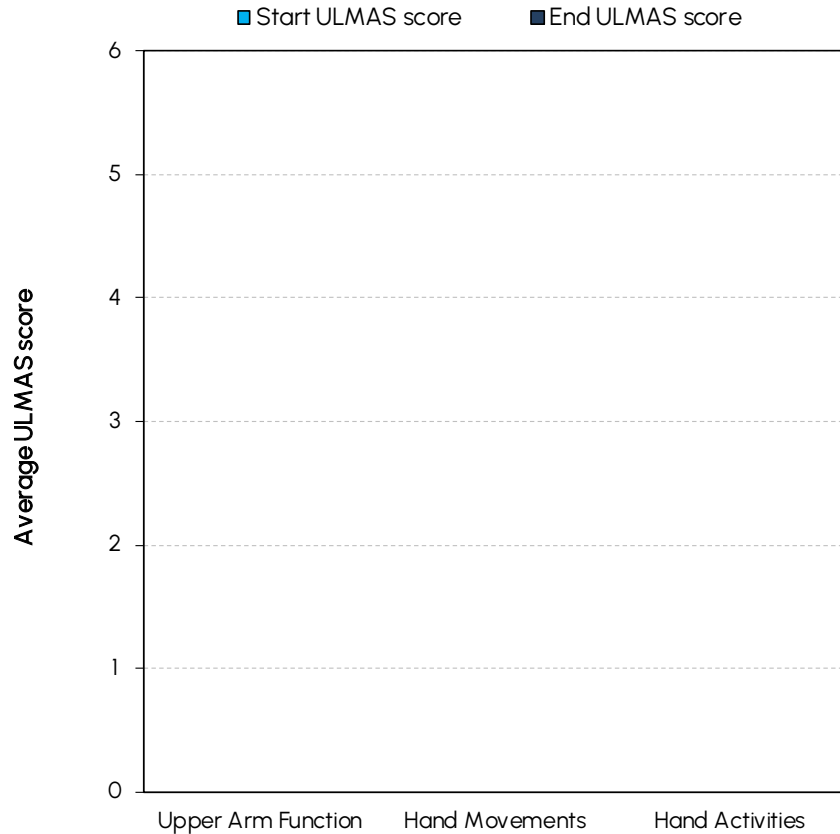
Upper Limb Motor Assessment Scale (UL-MAS)

- 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.

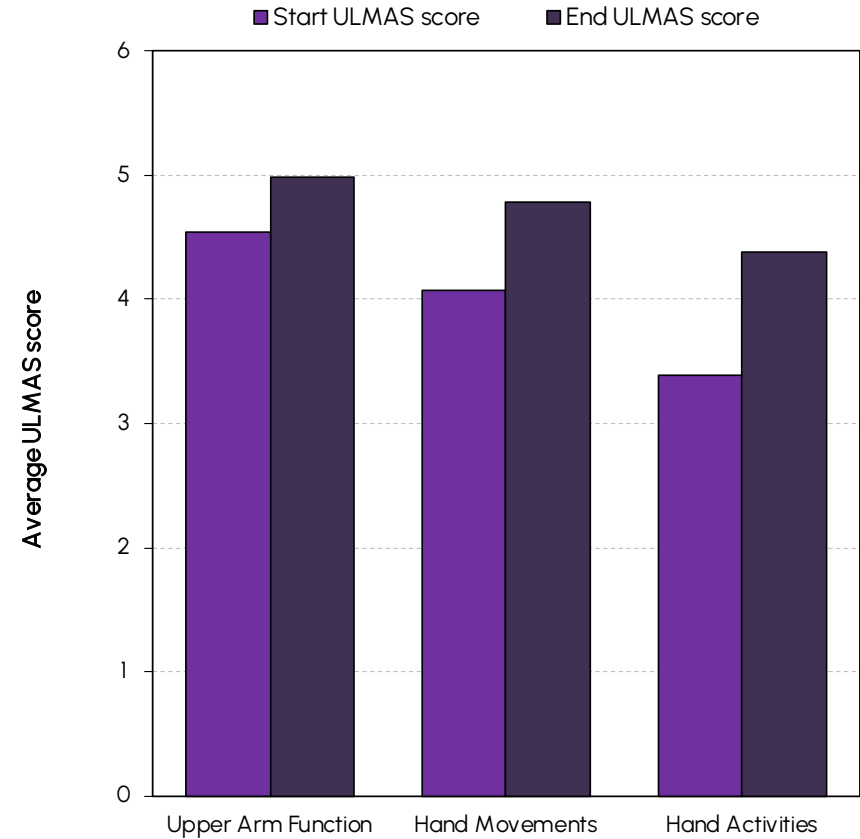
For further information refer to the AROC Ambulatory Data Dictionary V4.1 for Clinicians.

Average ULMAS start and end score by sub-group

Your Service FY25 (n<5)

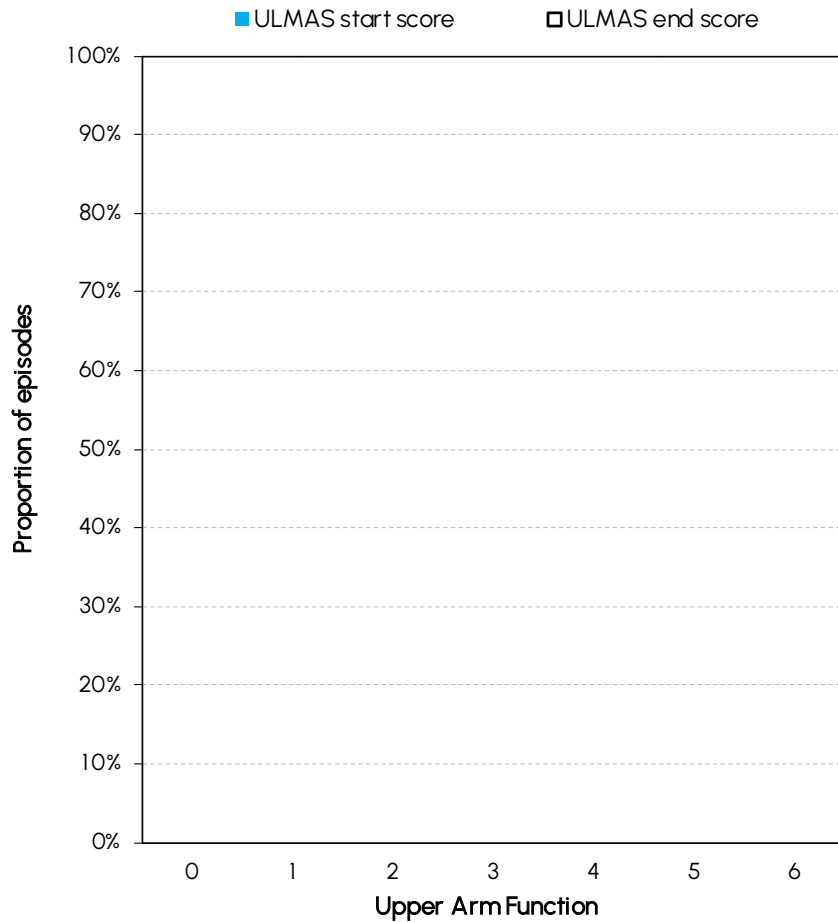


All Ambulatory FY25 (n=133)

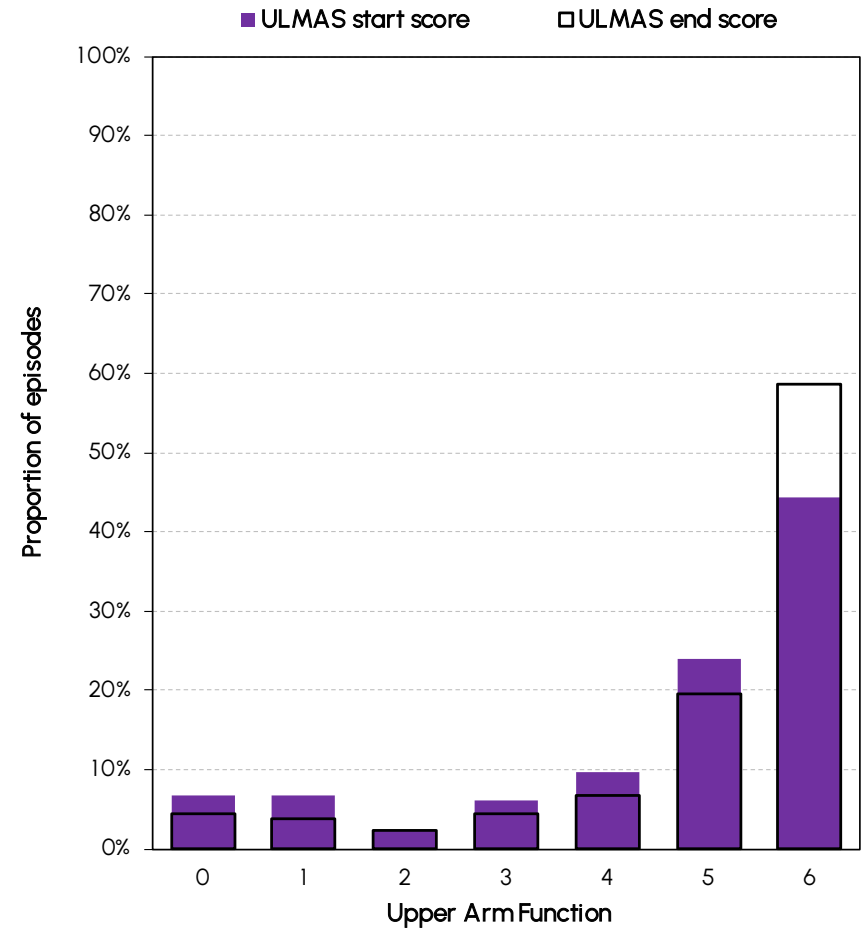


ULMAS start and end total – Upper arm function

Your Service FY25 (n<5)

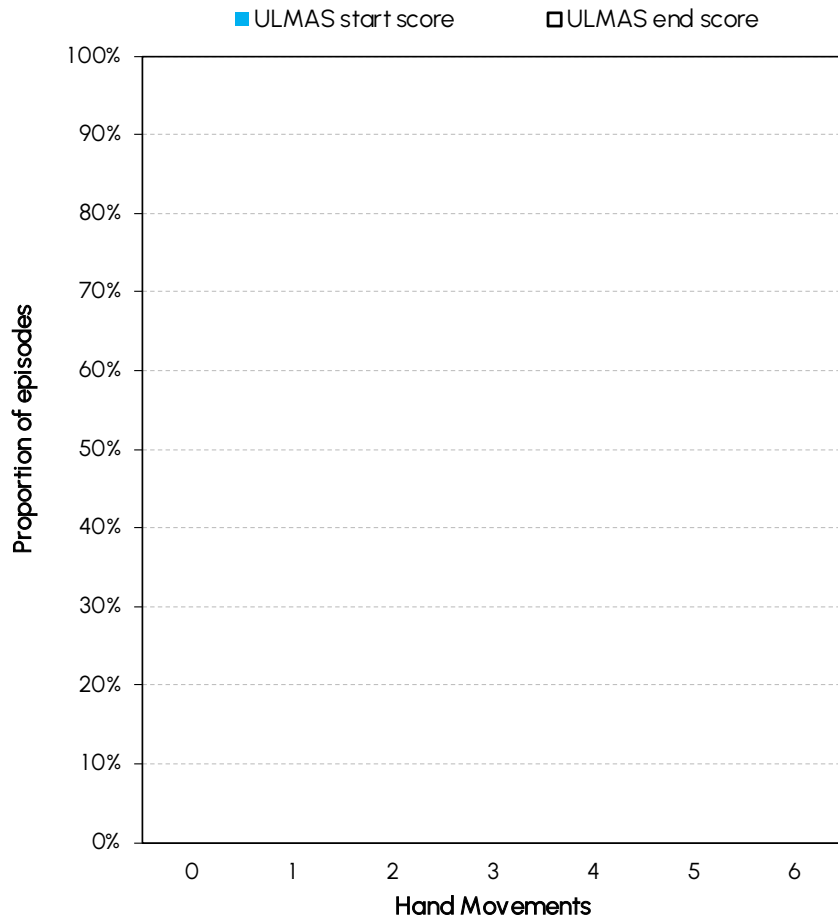


All Ambulatory FY25 (n= 133)

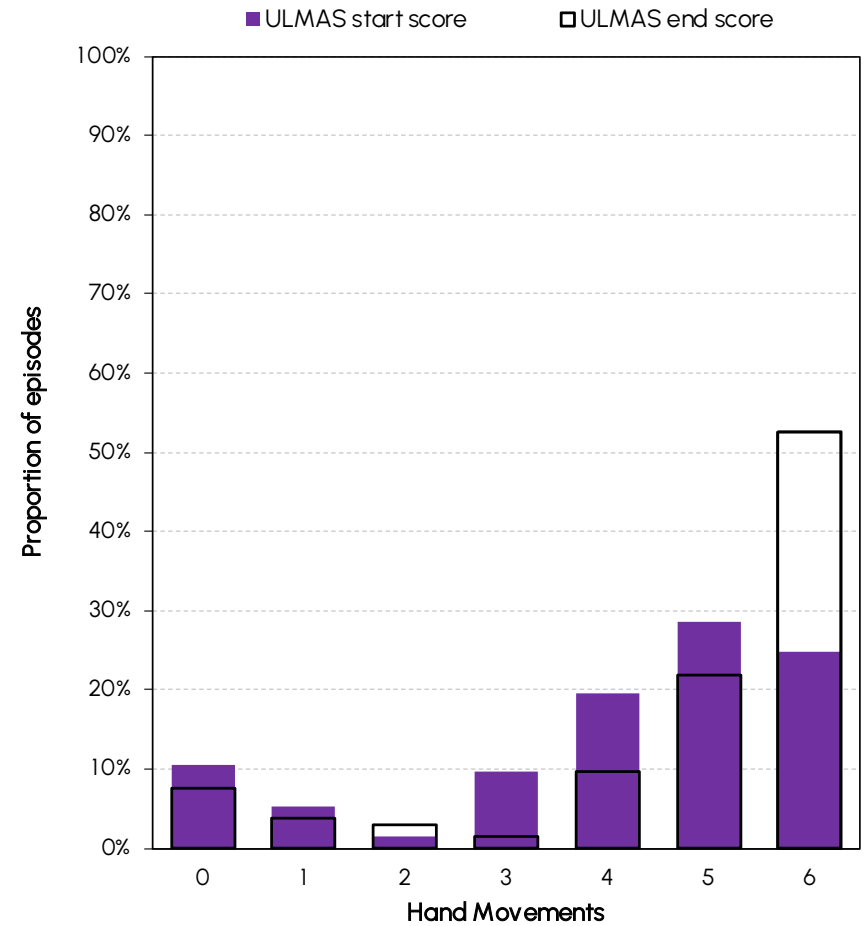


ULMAS start and end total – Hand movements

Your Service FY25 (n<5)

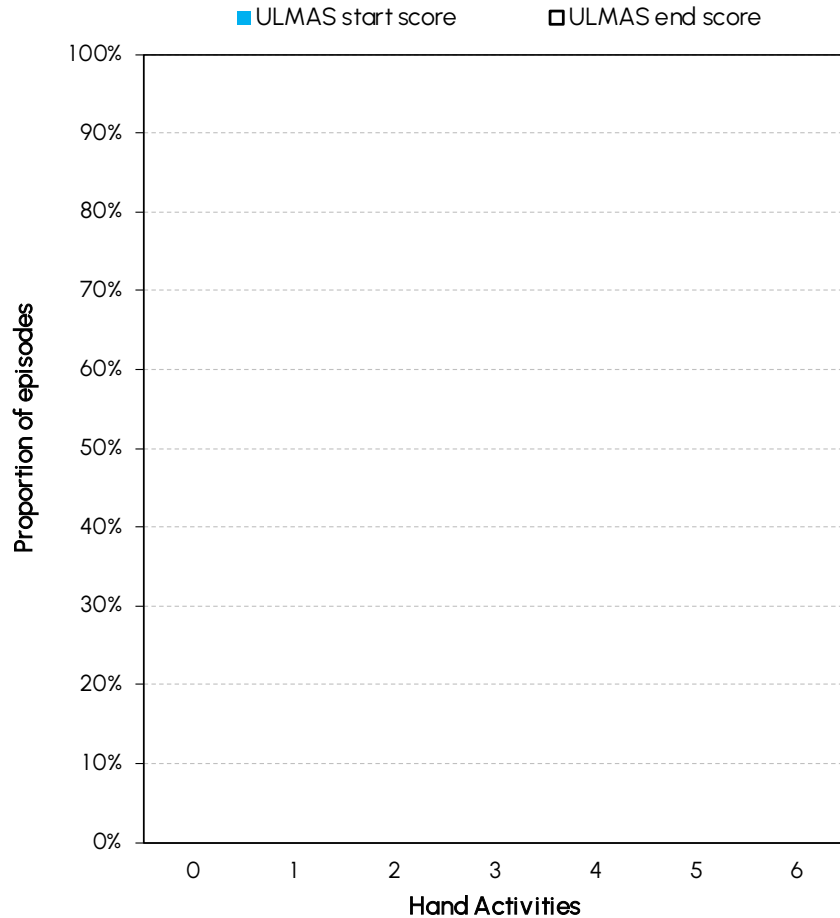


All Ambulatory FY25 (n=133)

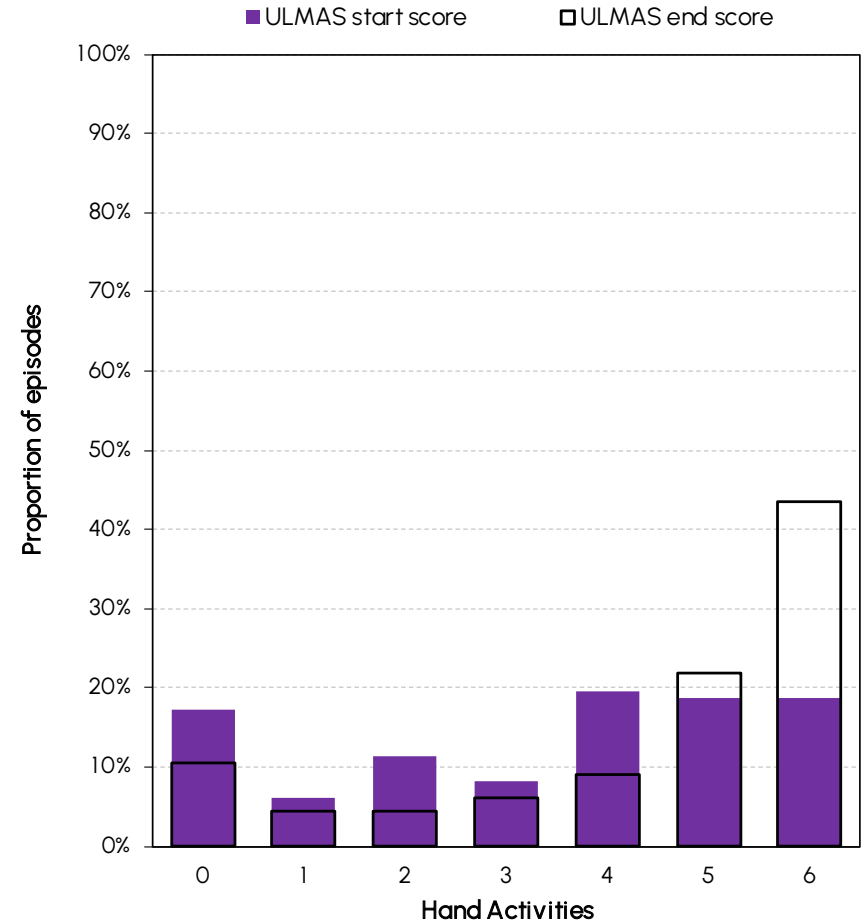


ULMAS start and end total – Hand activities

Your Service FY25 (n<5)

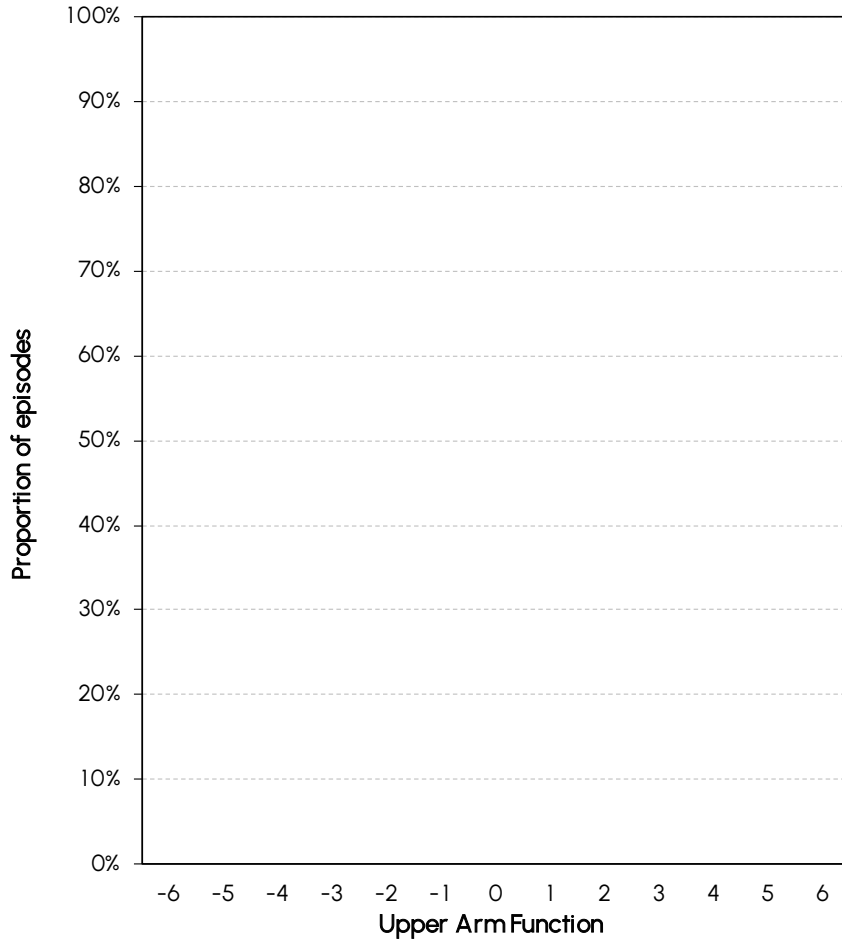


All Ambulatory FY25 (n= 133)

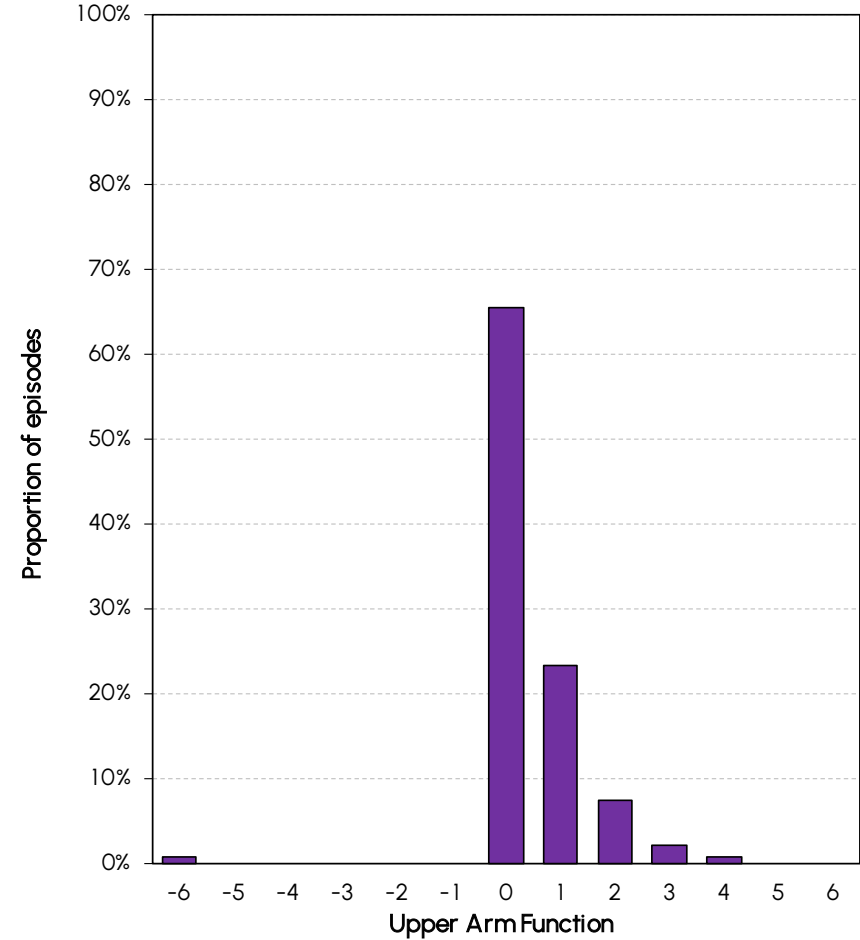


Change in ULMAS score – Upper arm function

Your Service FY25 (n<5)

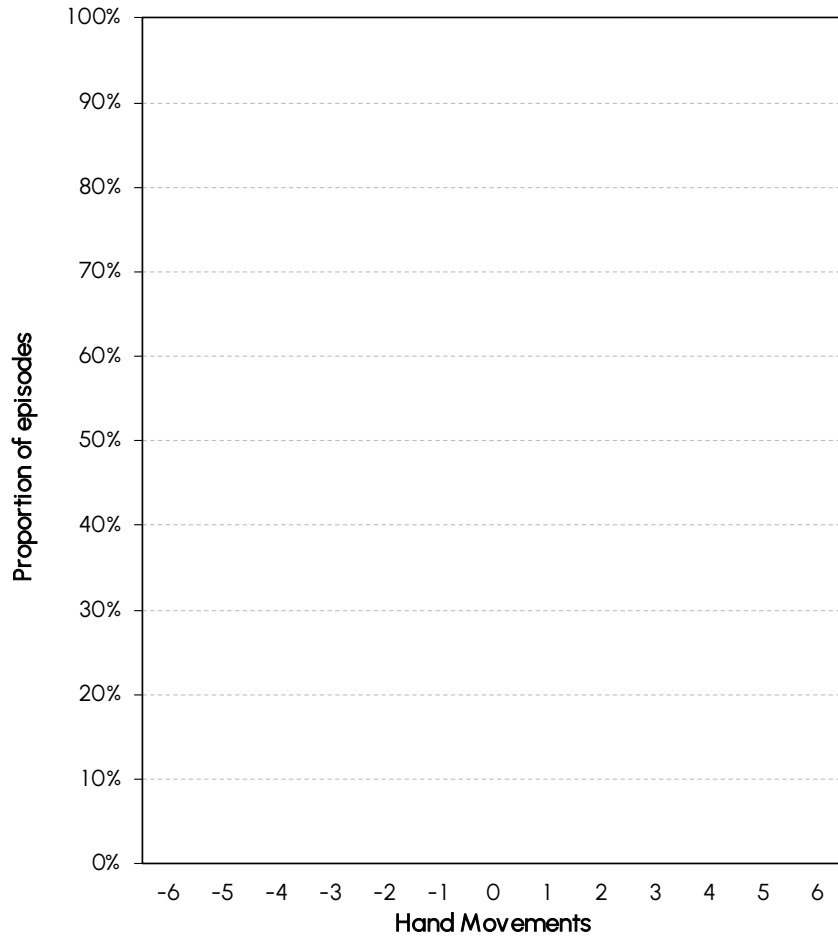


All Ambulatory FY25 (n=133)

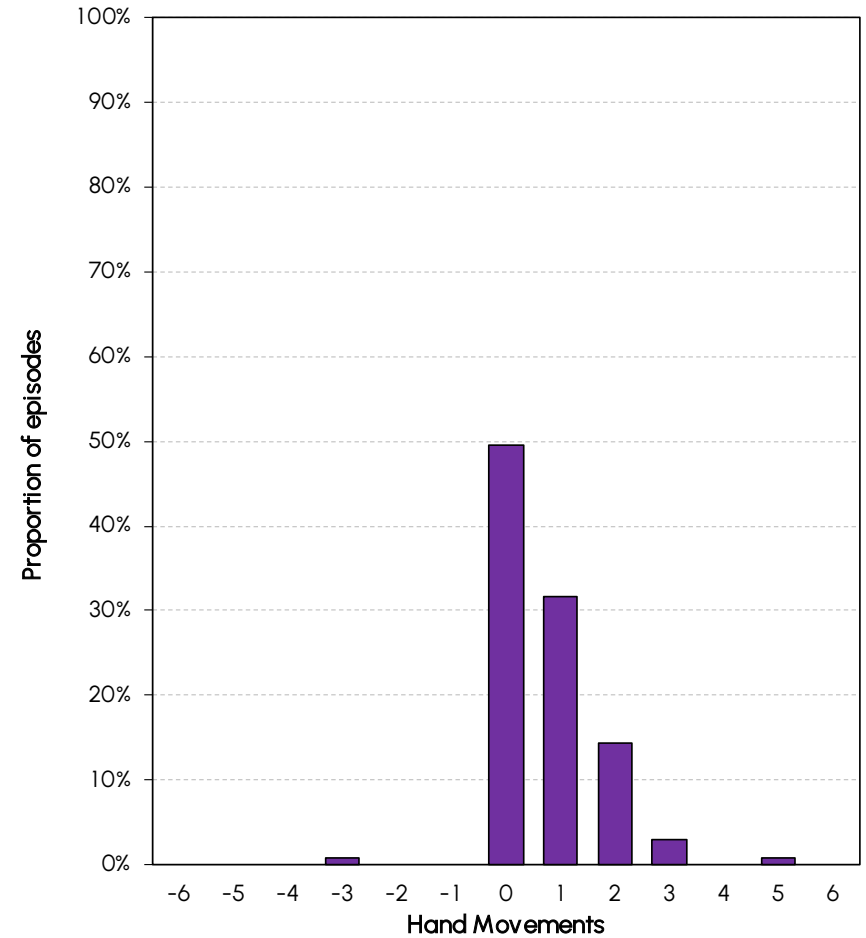


Change in ULMAS score – Hand movements

Your Service FY25 (n<5)

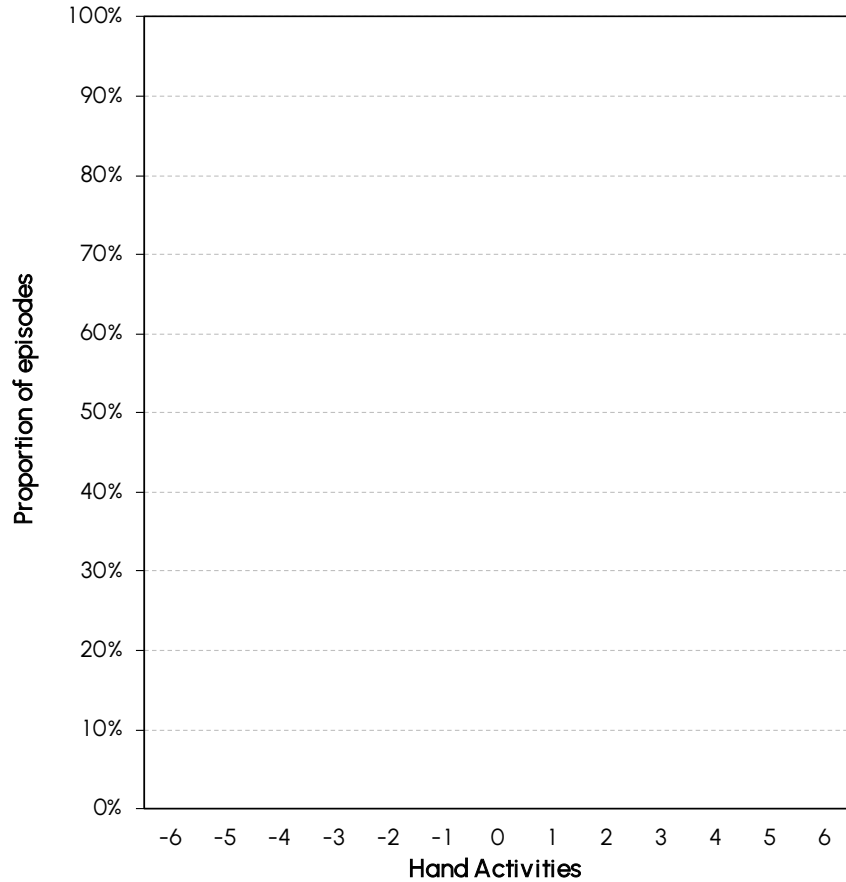


All Ambulatory FY25 (n=133)

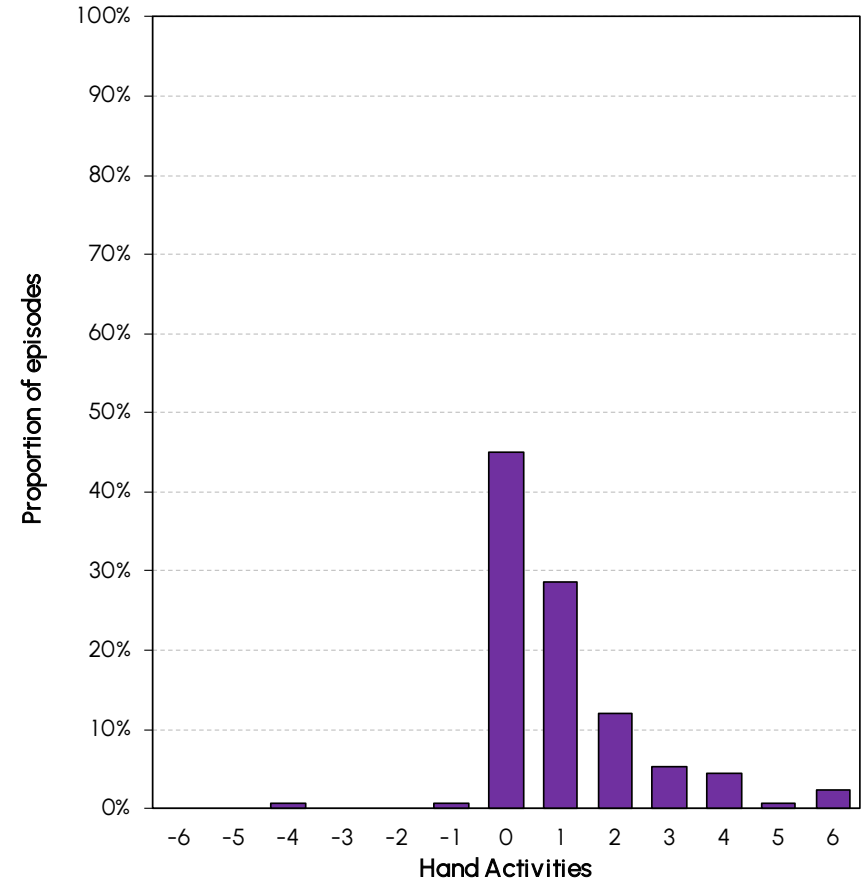


Change in ULMAS score – Hand activities

Your Service FY25 (n<5)

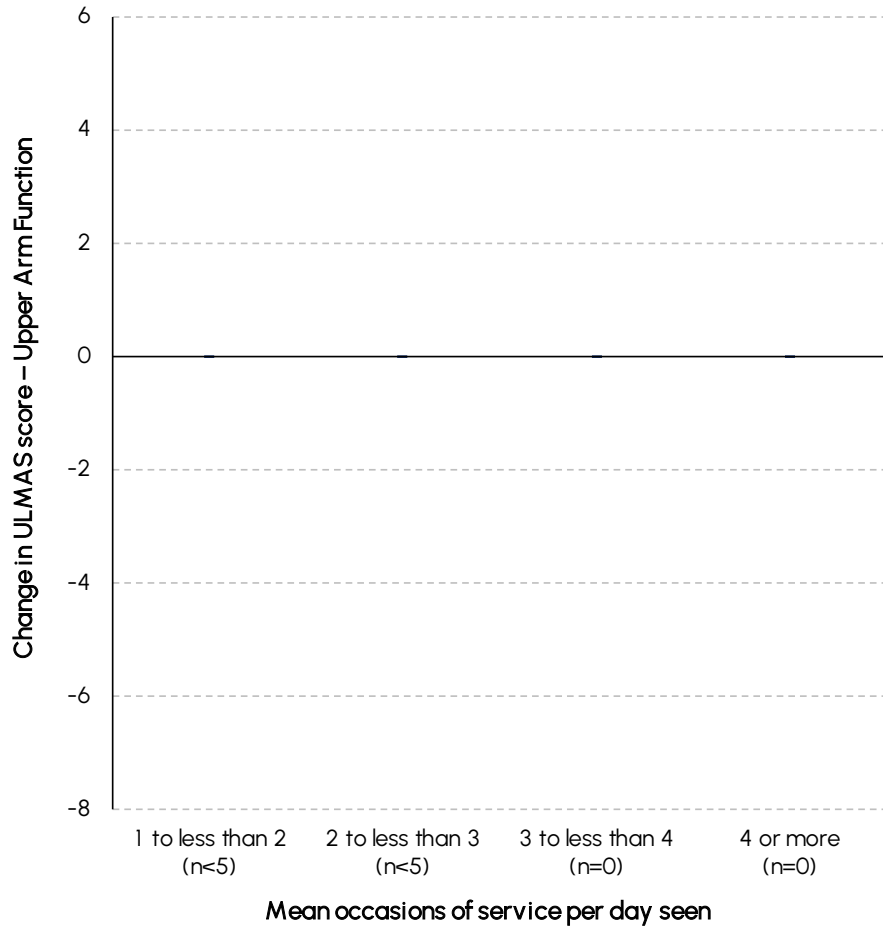


All Ambulatory FY25 (n= 133)

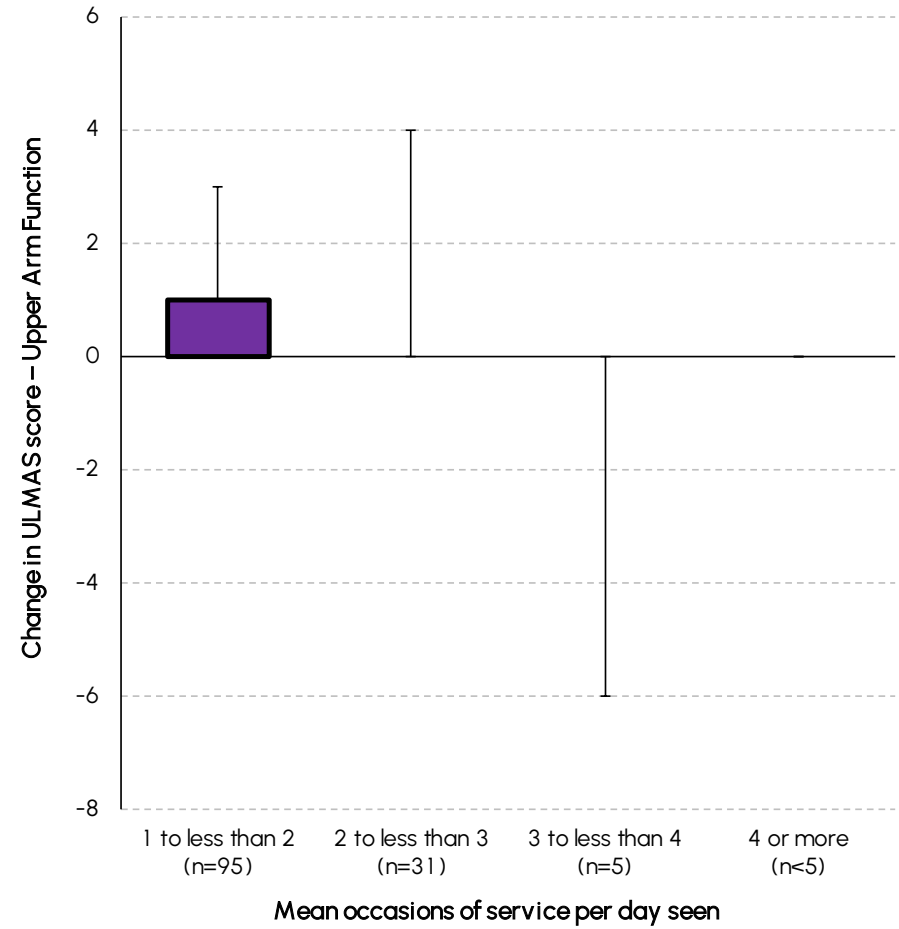


Change in ULMAS score by OOS/day seen – Upper arm function

Your Service FY25



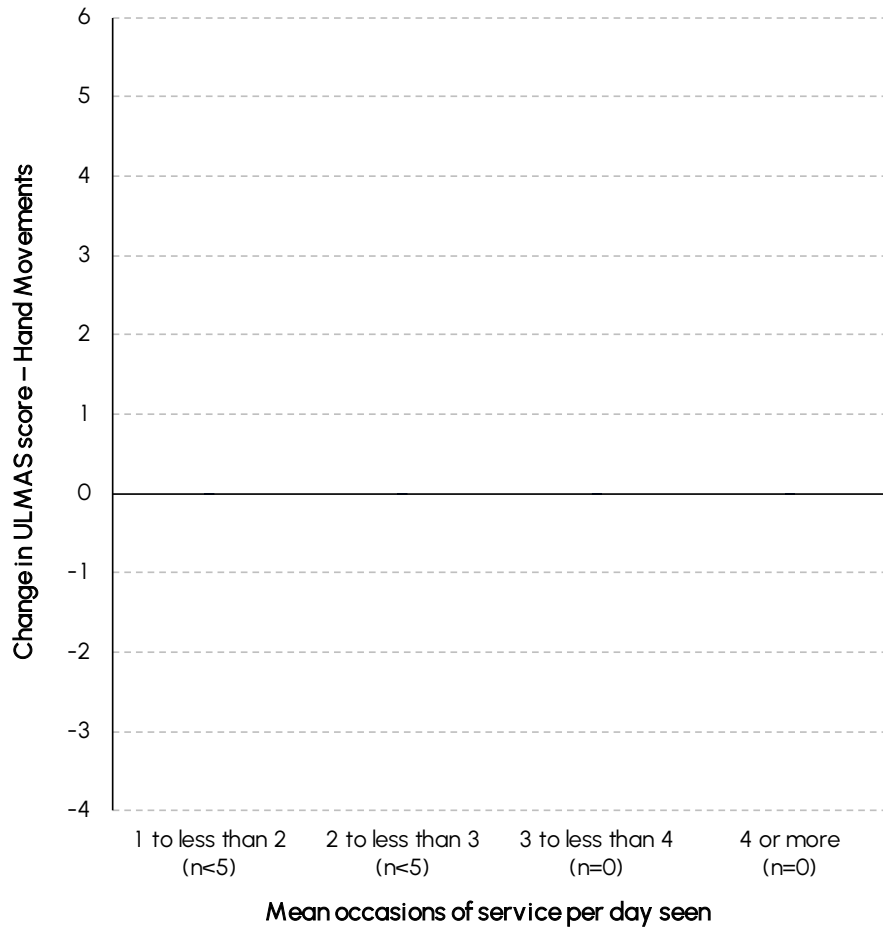
All Ambulatory FY25



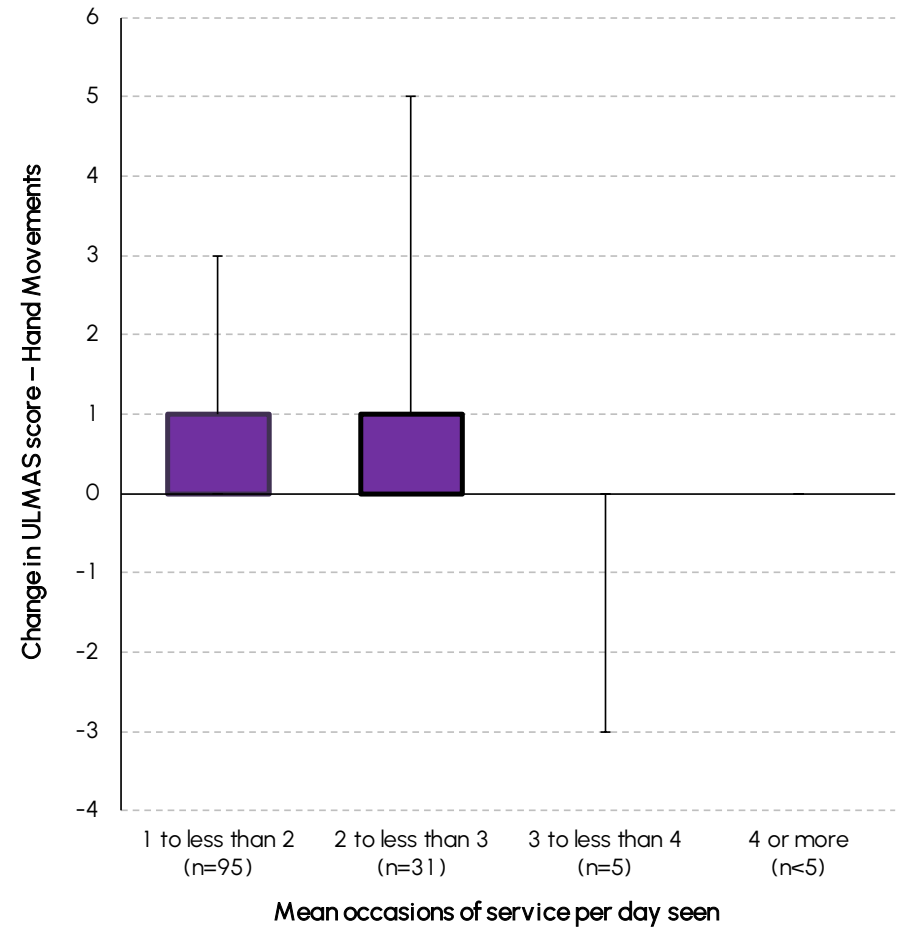
NOTE: To understand how to interpret these figures please refer to Appendix 3

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

Your Service FY25



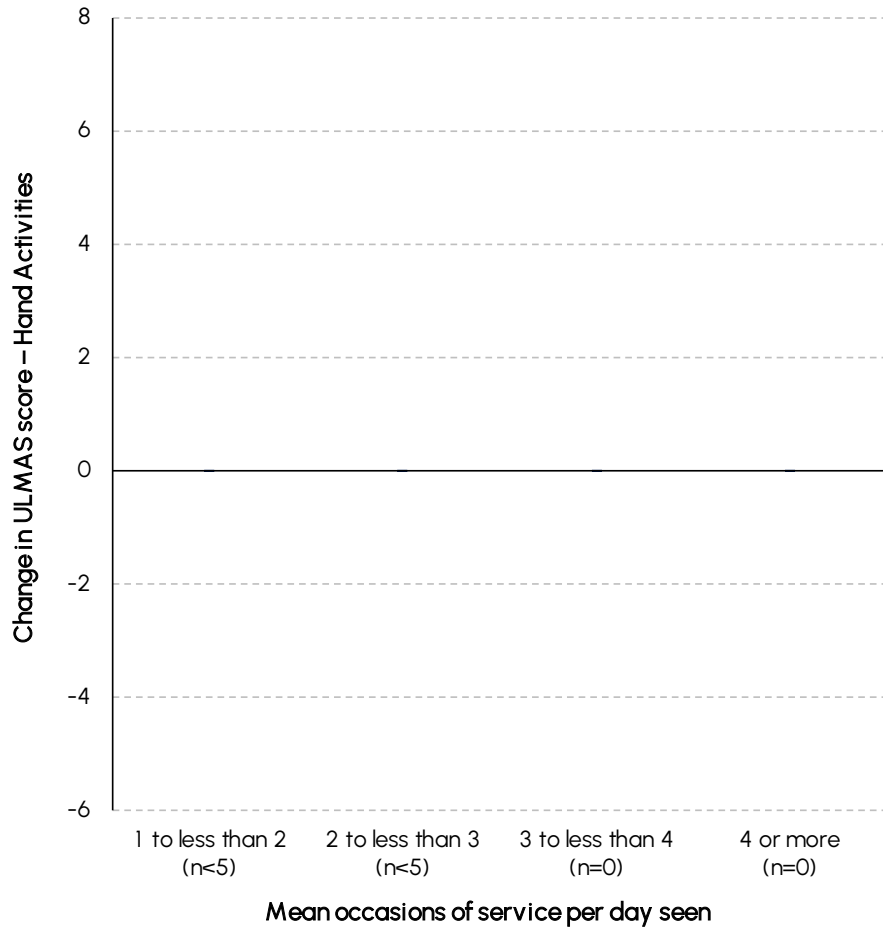
All Ambulatory FY25



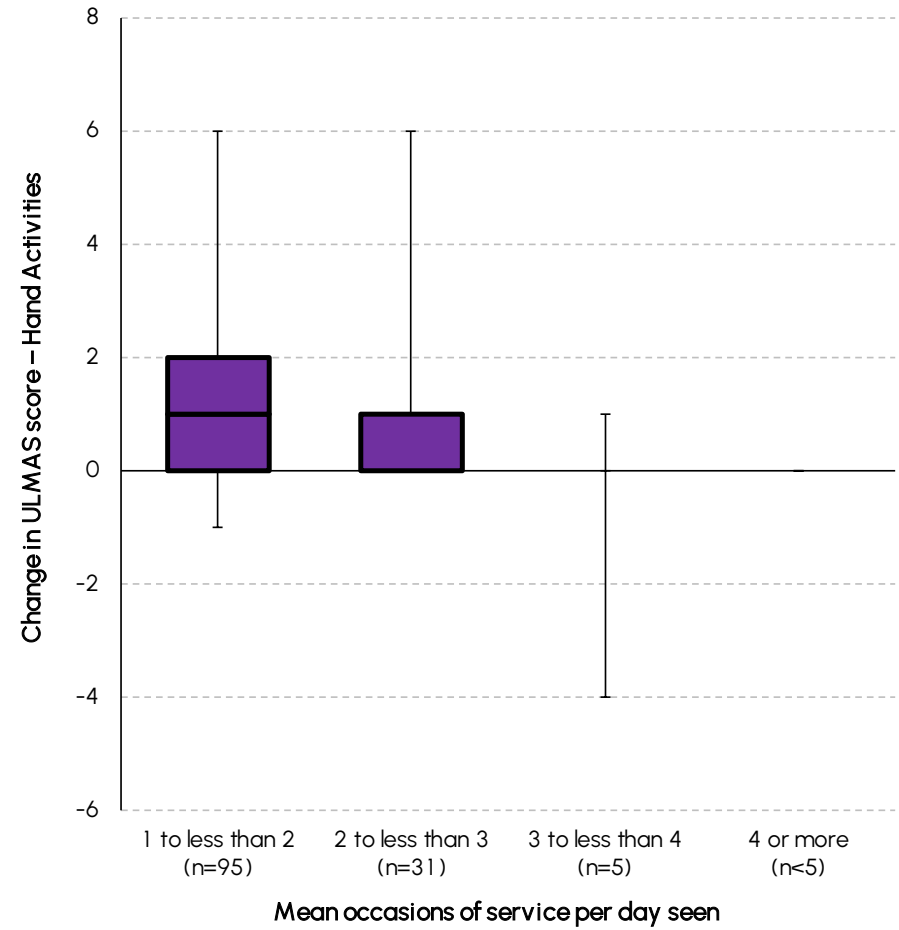
NOTE: To understand how to interpret these figures please refer to Appendix 3

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

Your Service FY25



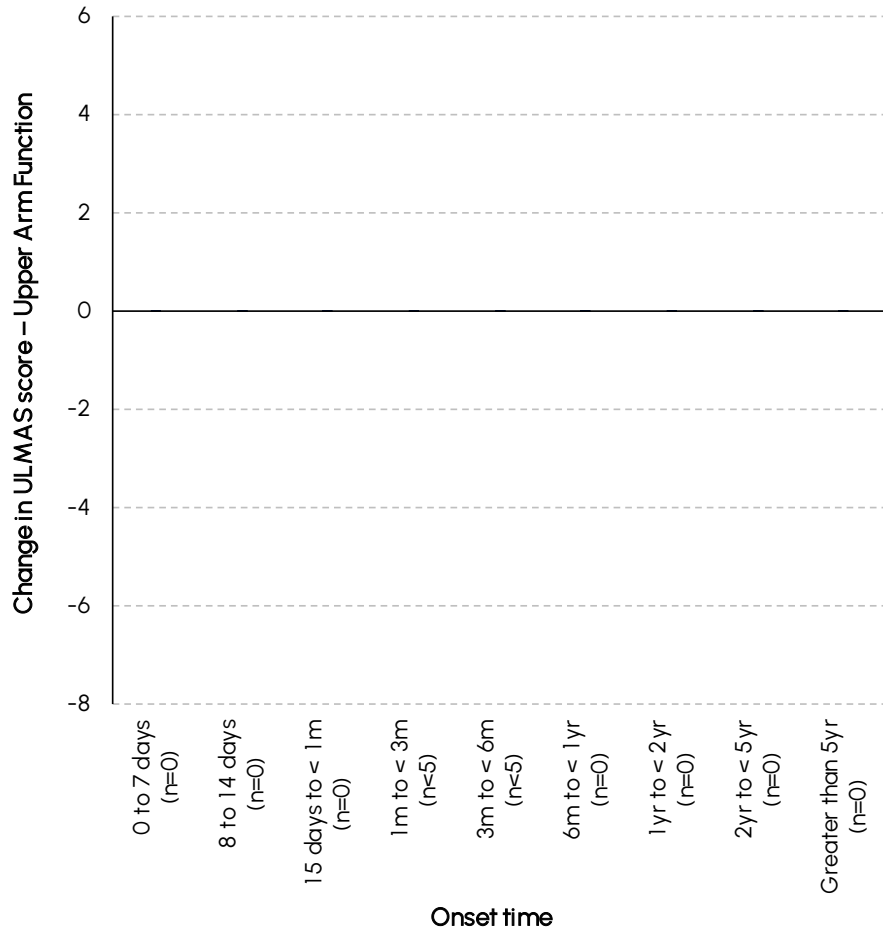
All Ambulatory FY25



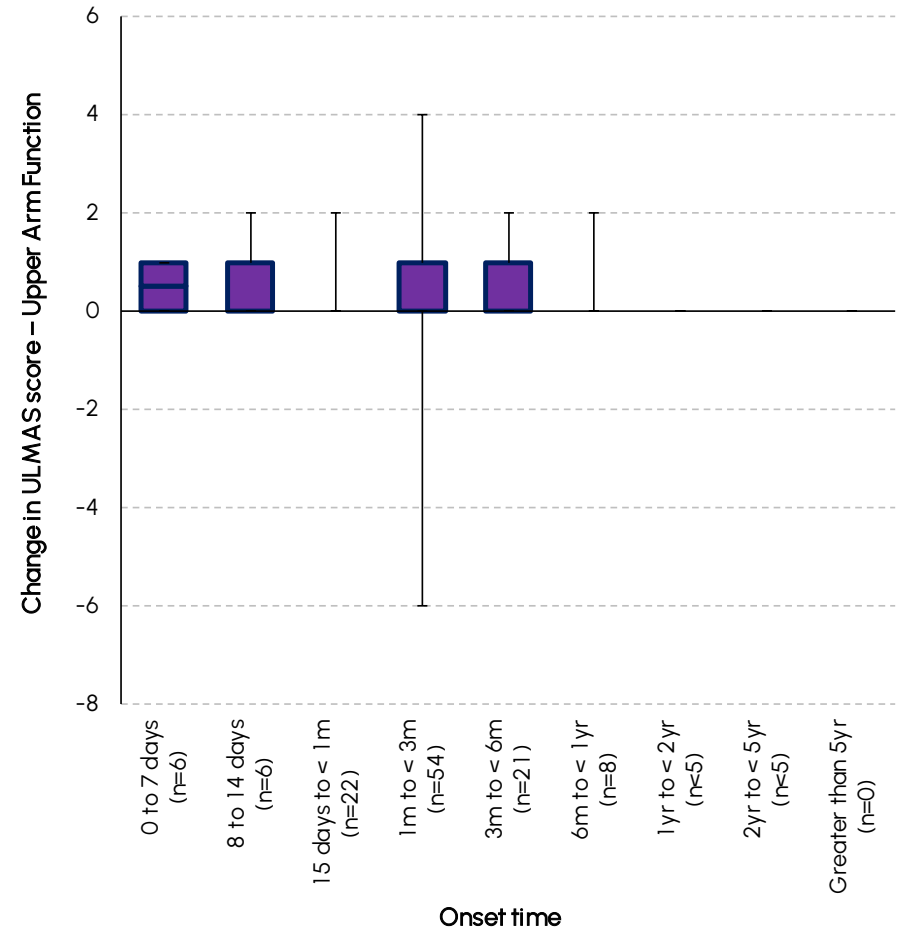
NOTE: To understand how to interpret these figures please refer to Appendix 3

Change in ULMAS score by onset time – Upper arm function

Your Service FY25



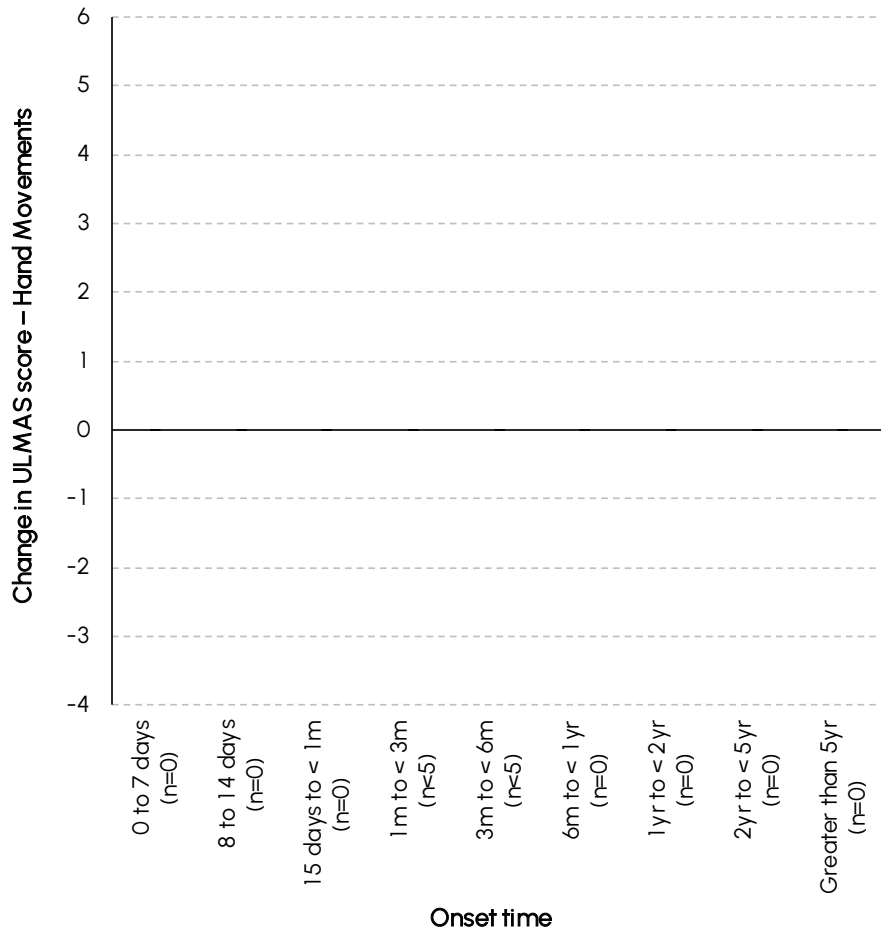
All Ambulatory FY25



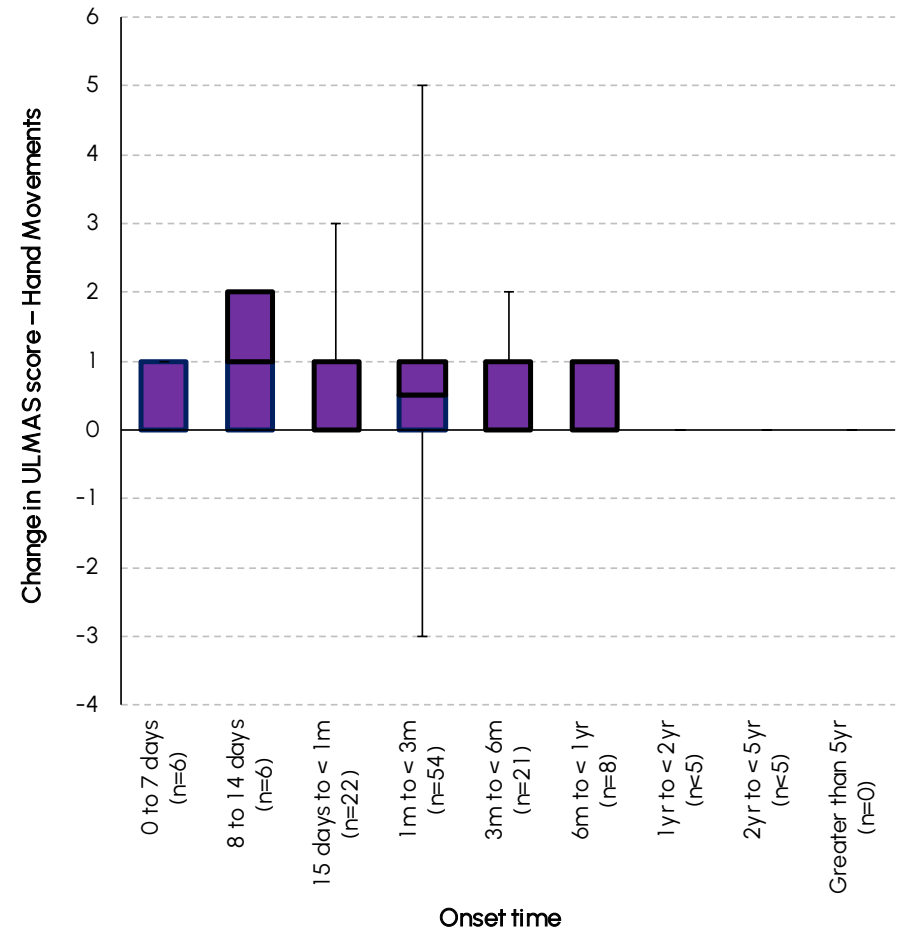
NOTE: To understand how to interpret these figures please refer to Appendix 3

Change in ULMAS score by onset time – Hand movements

Your Service FY25



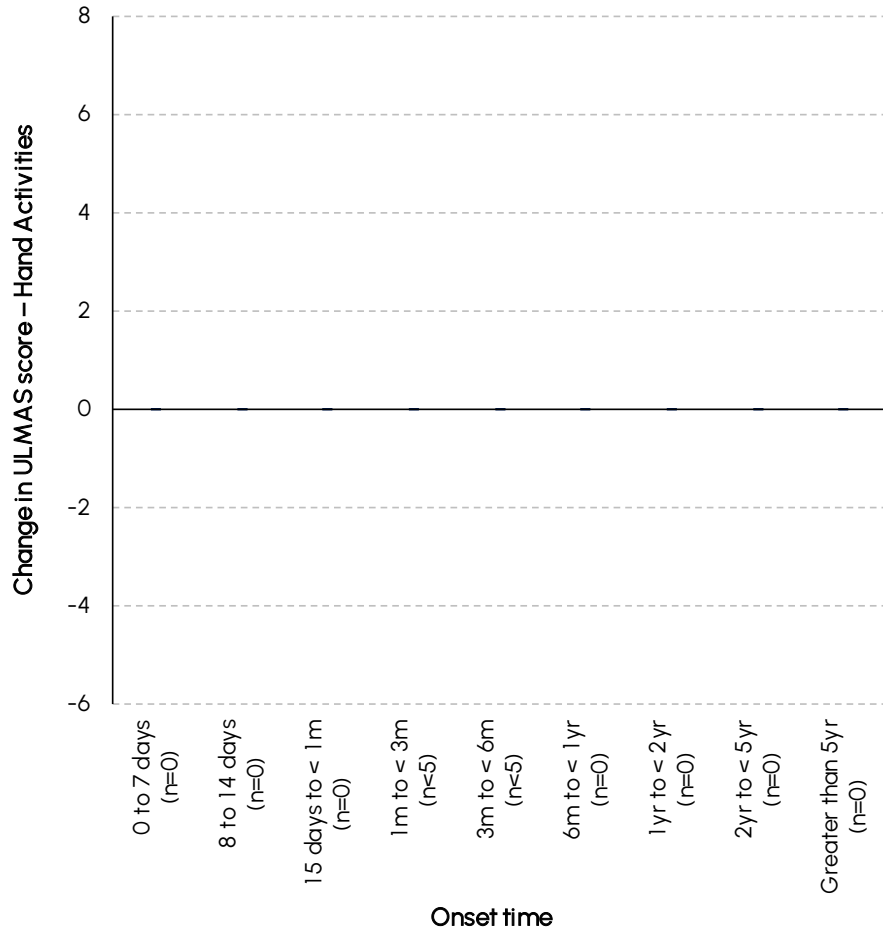
All Ambulatory FY25



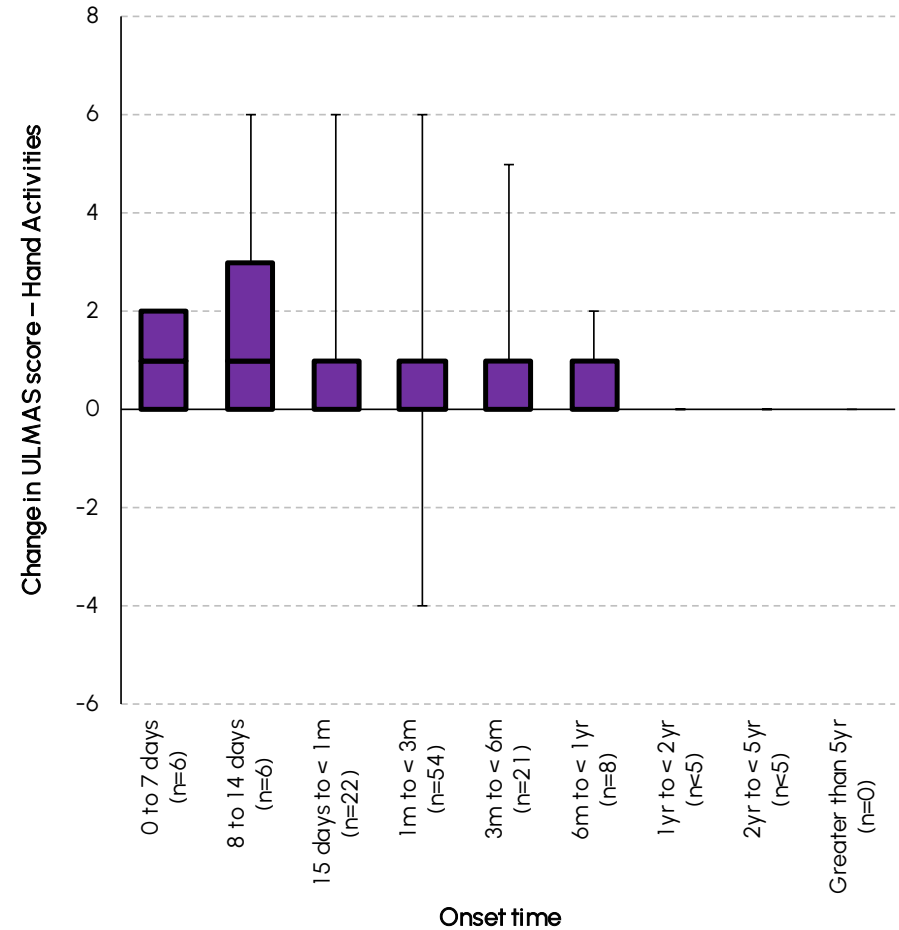
NOTE: To understand how to interpret these figures please refer to Appendix 3

Change in ULMAS score by onset time – Hand activities

Your Service FY25



All Ambulatory FY25



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

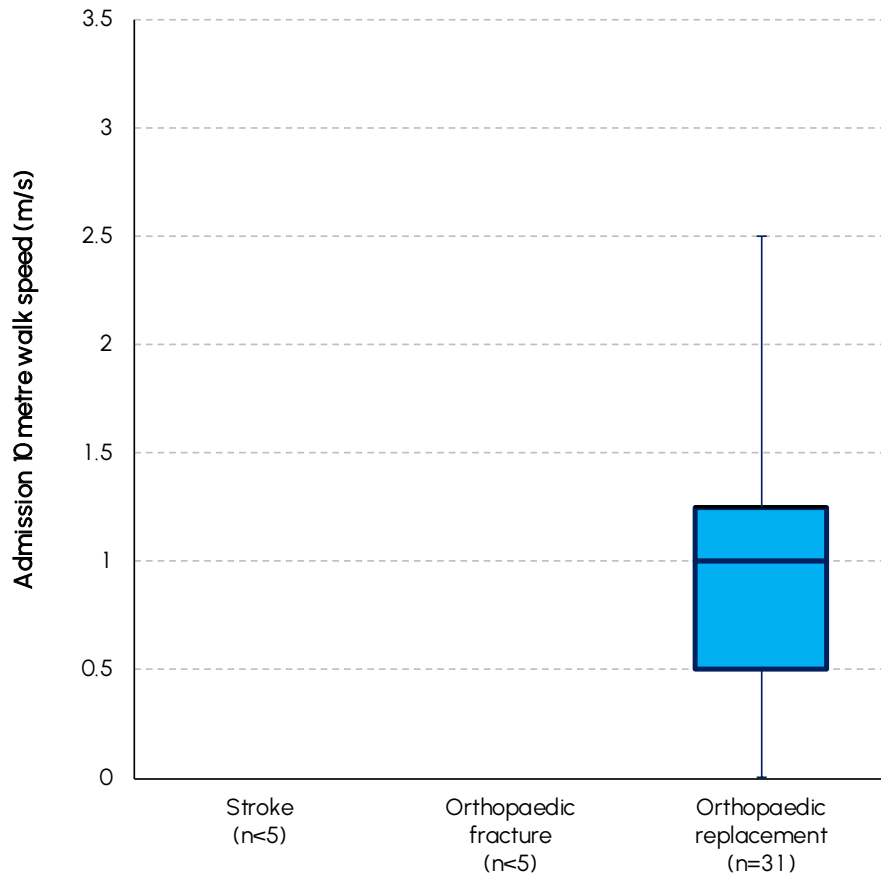
This data item is collected in addition to the Australian Modified Lawton's IADL Scale for patients who may have gait impairment as a result of:

- 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.

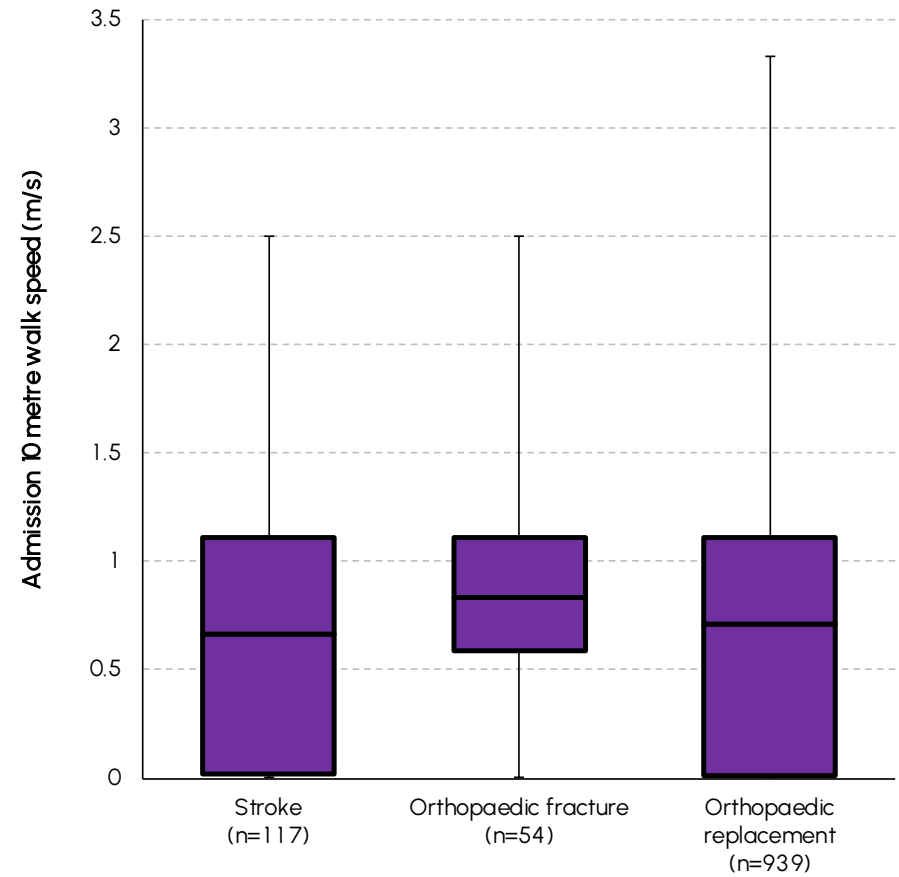
Admission timed 10 metre walk test speed by impairment

Your Service FY25



Note: All admissions.

All Ambulatory FY25

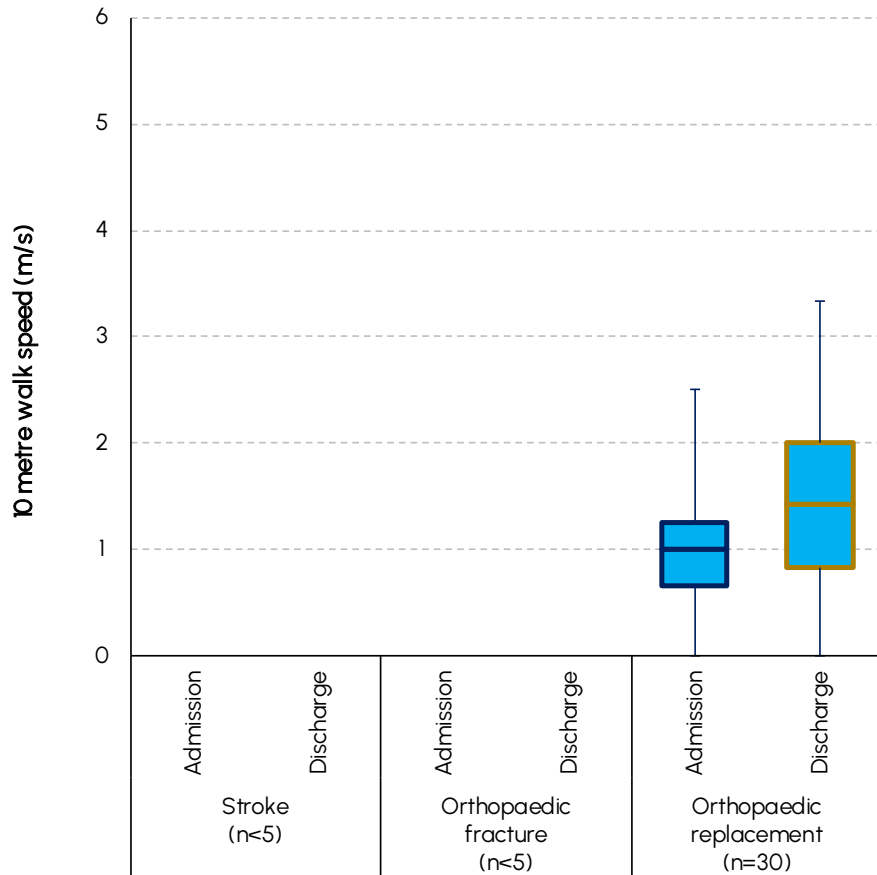


Note: All admissions.

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

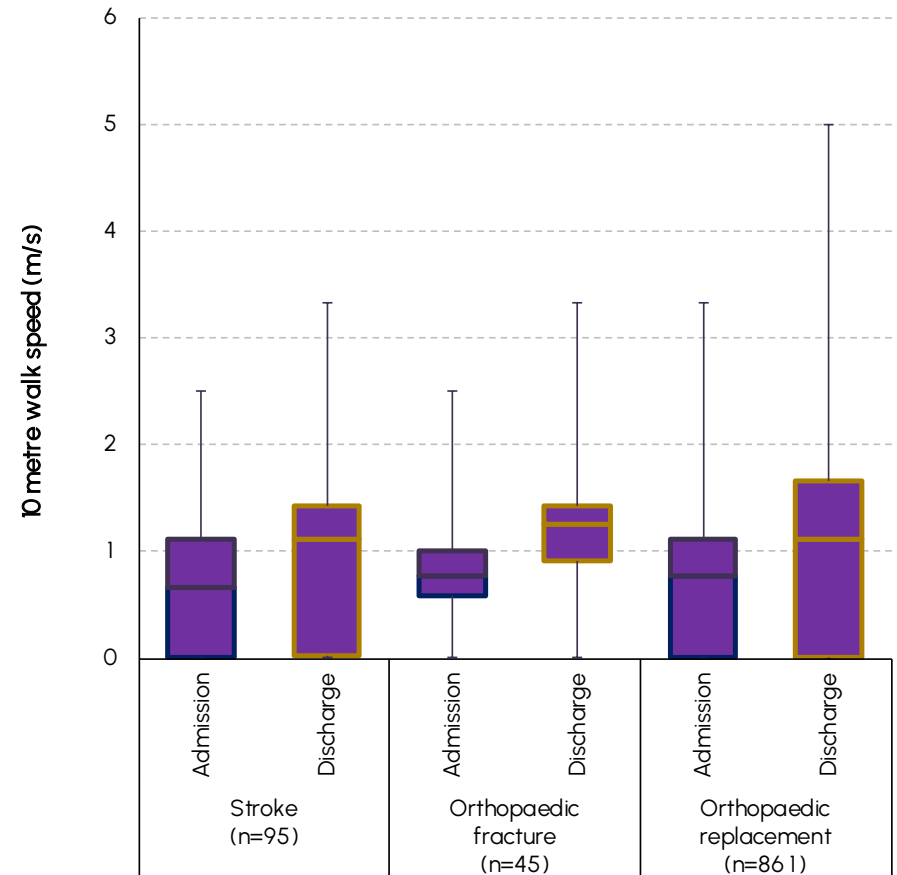
Admission and discharge timed 10 metre walk test speed by impairment

Your Service FY25



Note: Completed episodes only.

All Ambulatory FY25

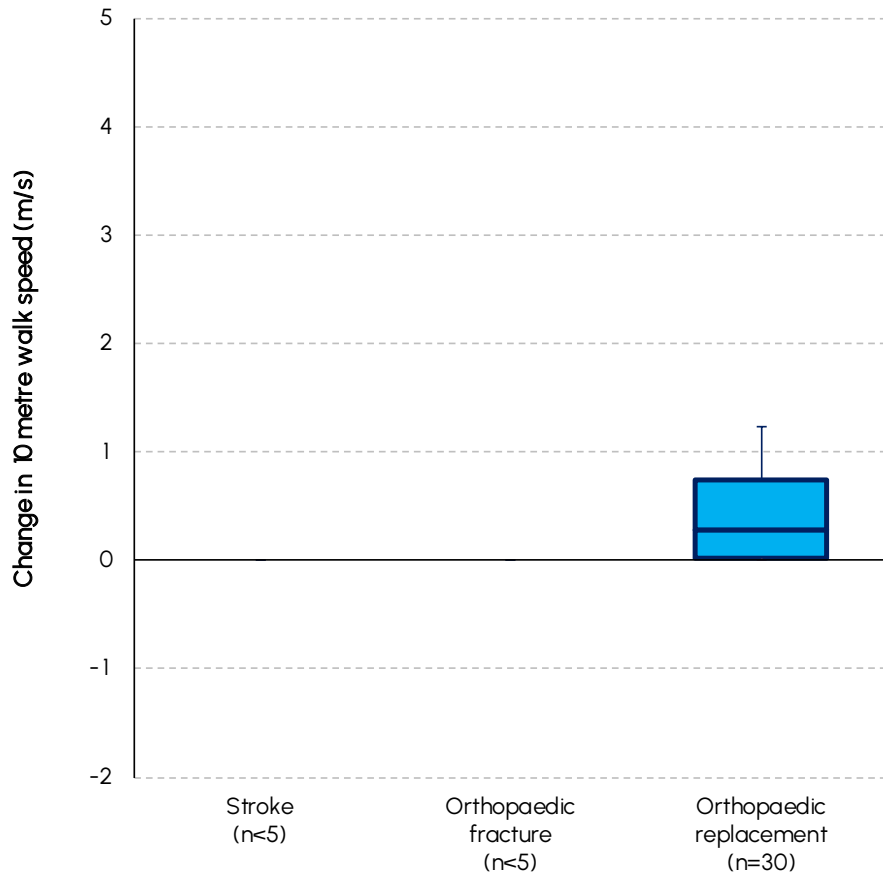


Note: Completed episodes only.

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

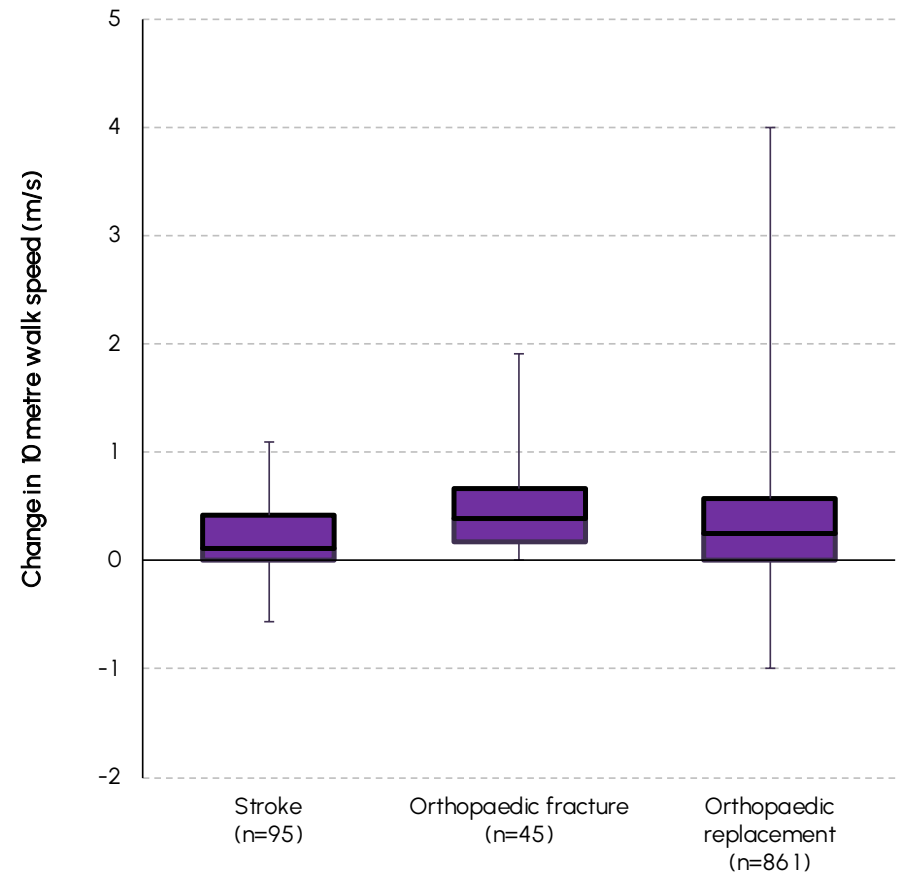
Change in 10 metre walk speed by impairment

Your Service FY25



Note: Completed episodes only.

All Ambulatory FY25

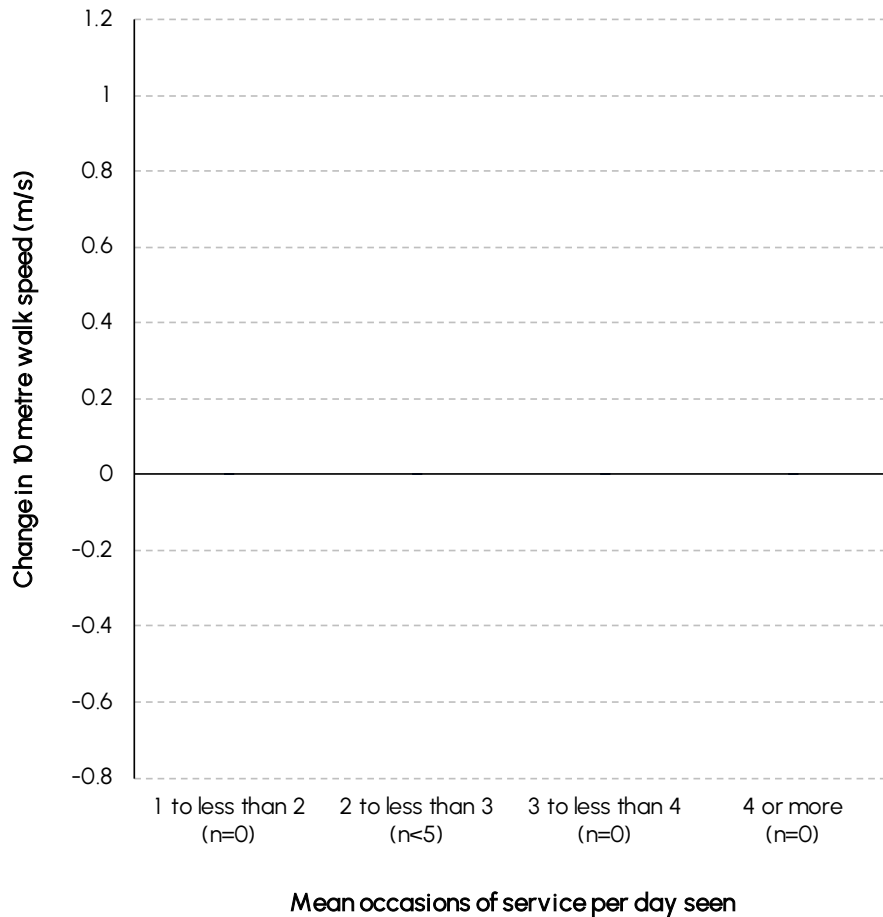


Note: Completed episodes only.

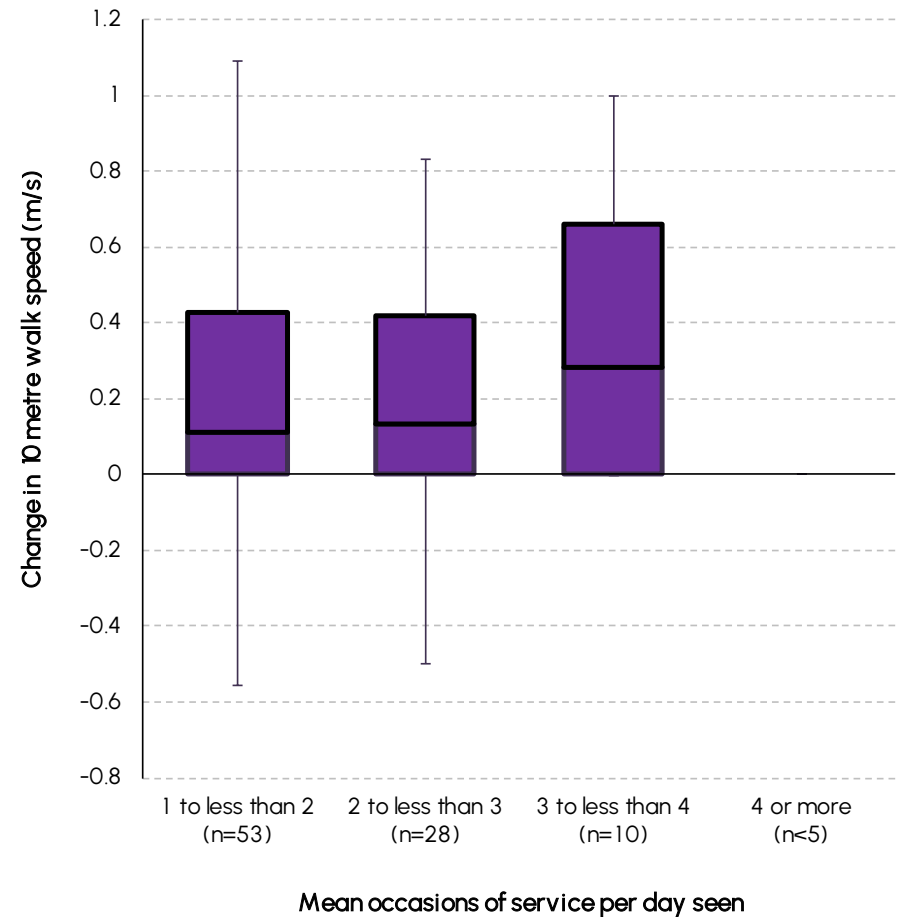
NOTE: To understand how to interpret these figures please refer to Appendix 3

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

Your Service FY25



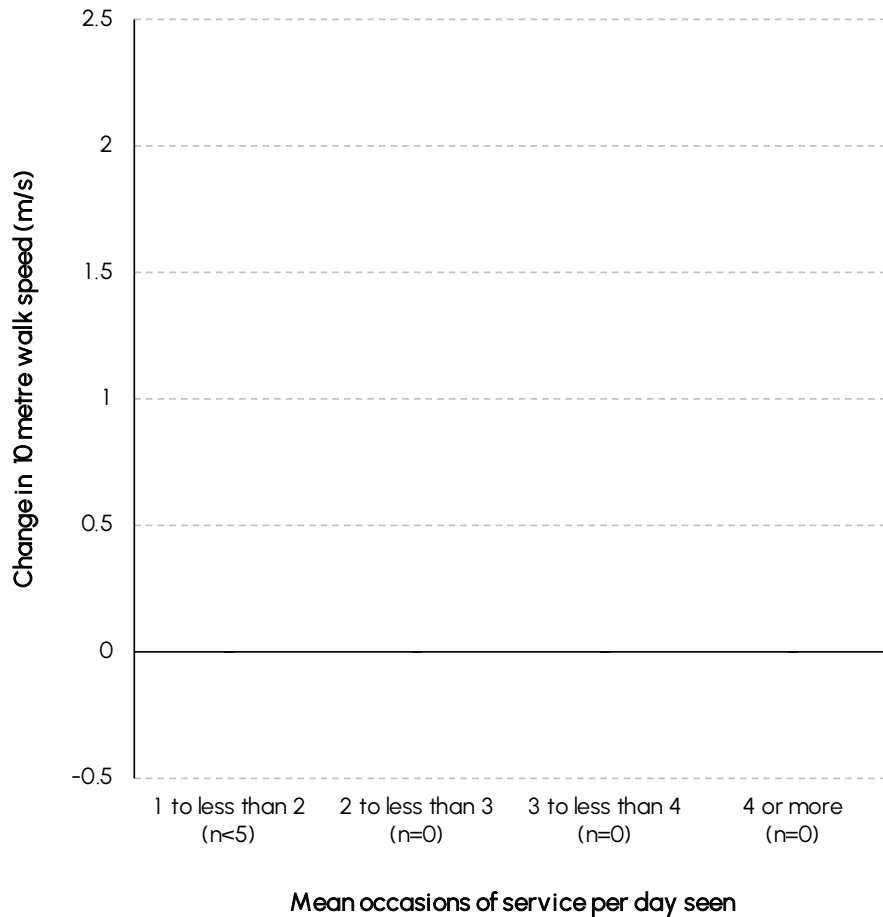
All Ambulatory FY25



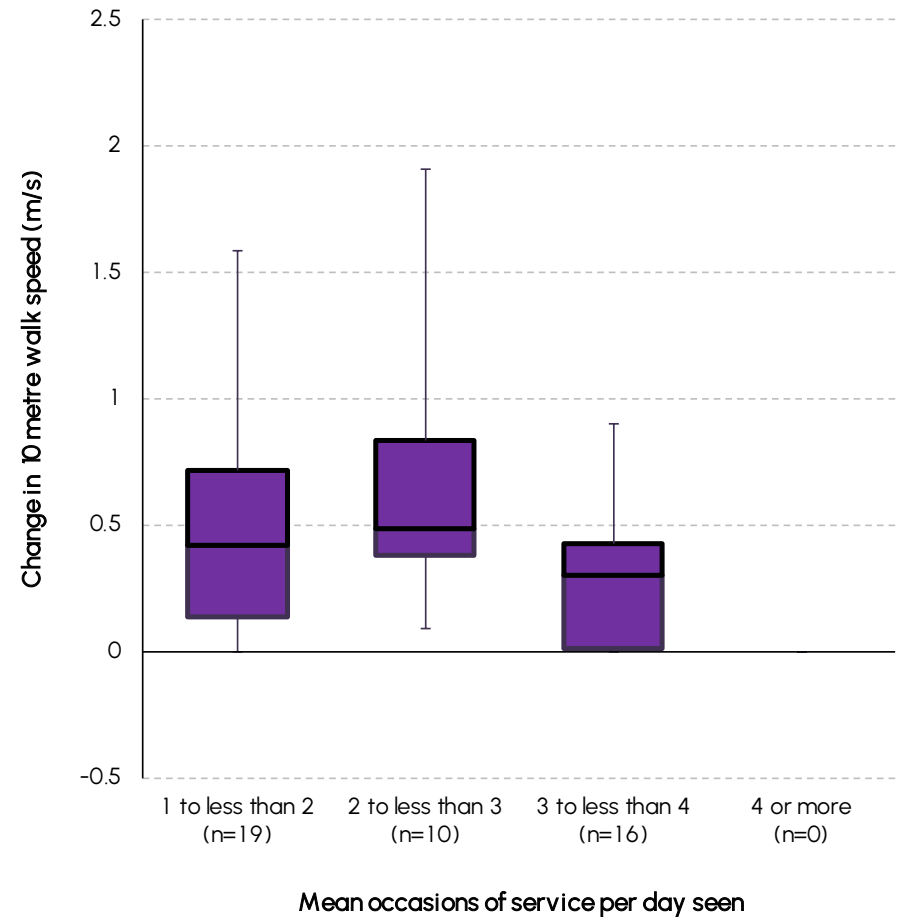
NOTE: To understand how to interpret these figures please refer to Appendix 3

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

Your Service FY25



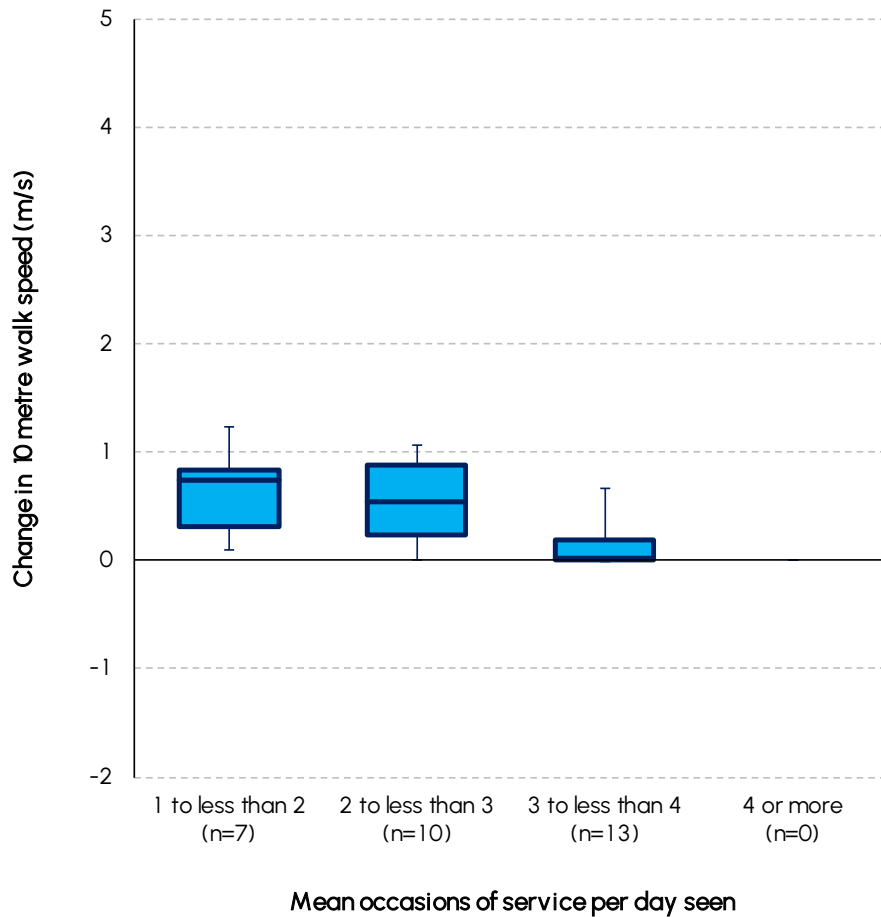
All Ambulatory FY25



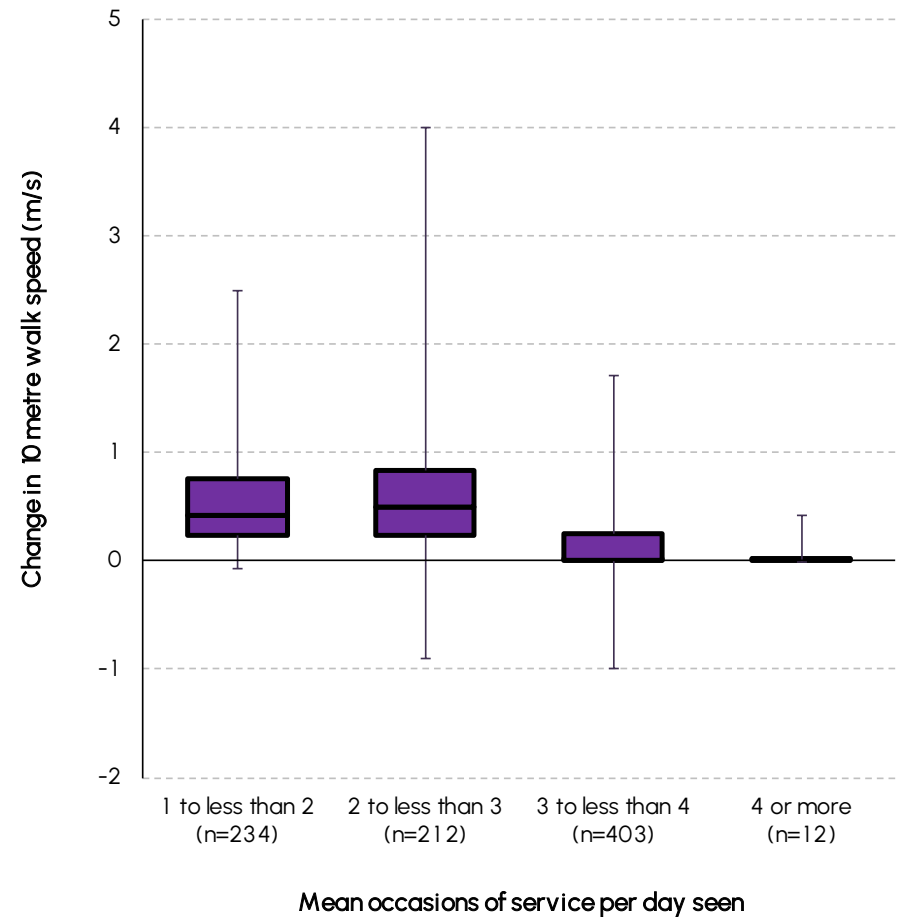
NOTE: To understand how to interpret these figures please refer to Appendix 3

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

Your Service FY25



All Ambulatory FY25



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.

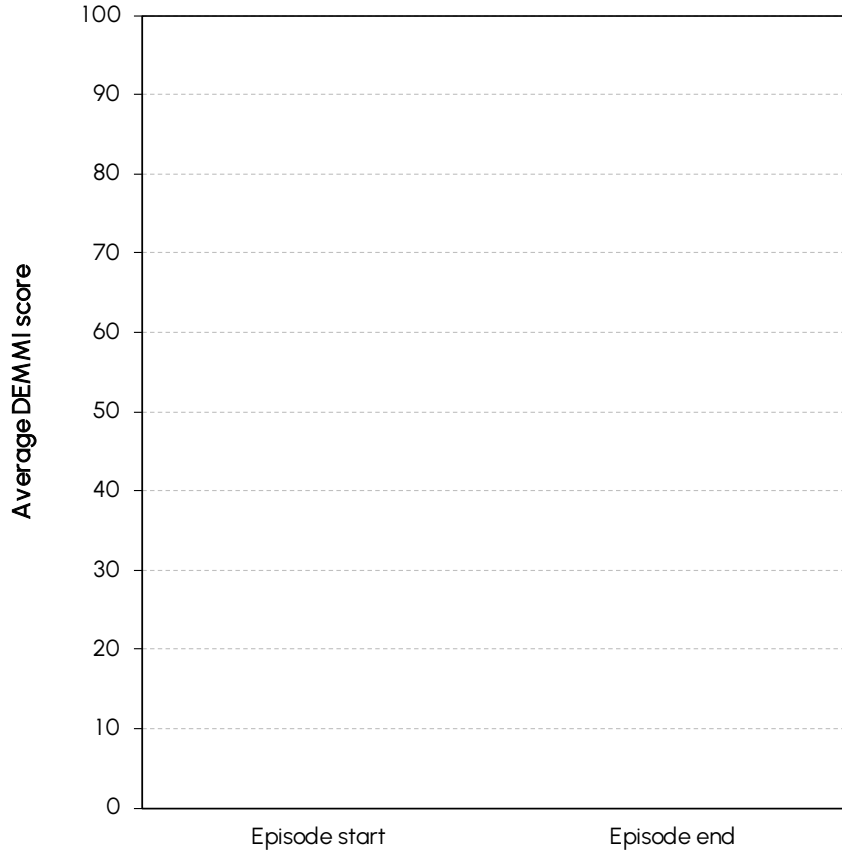
Only complete for rehabilitation episodes with AROC impairment codes:

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

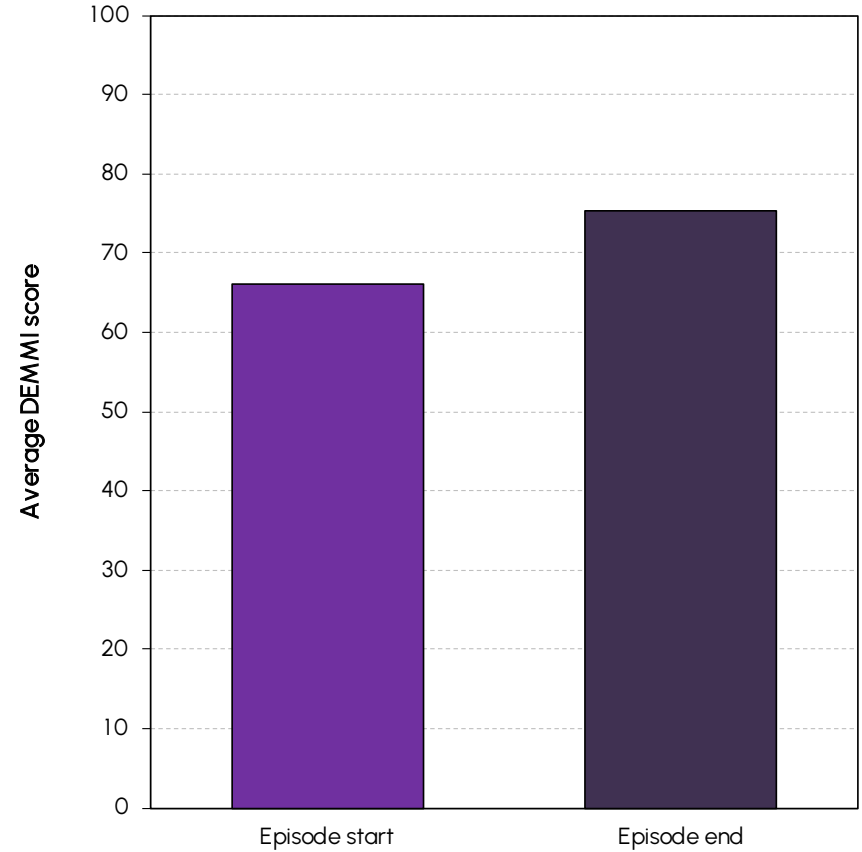
For further information refer to the AROC Ambulatory Data Dictionary V4.1 for Clinicians.

Average DEMMI start and end score

Your Service FY25 (n<5)

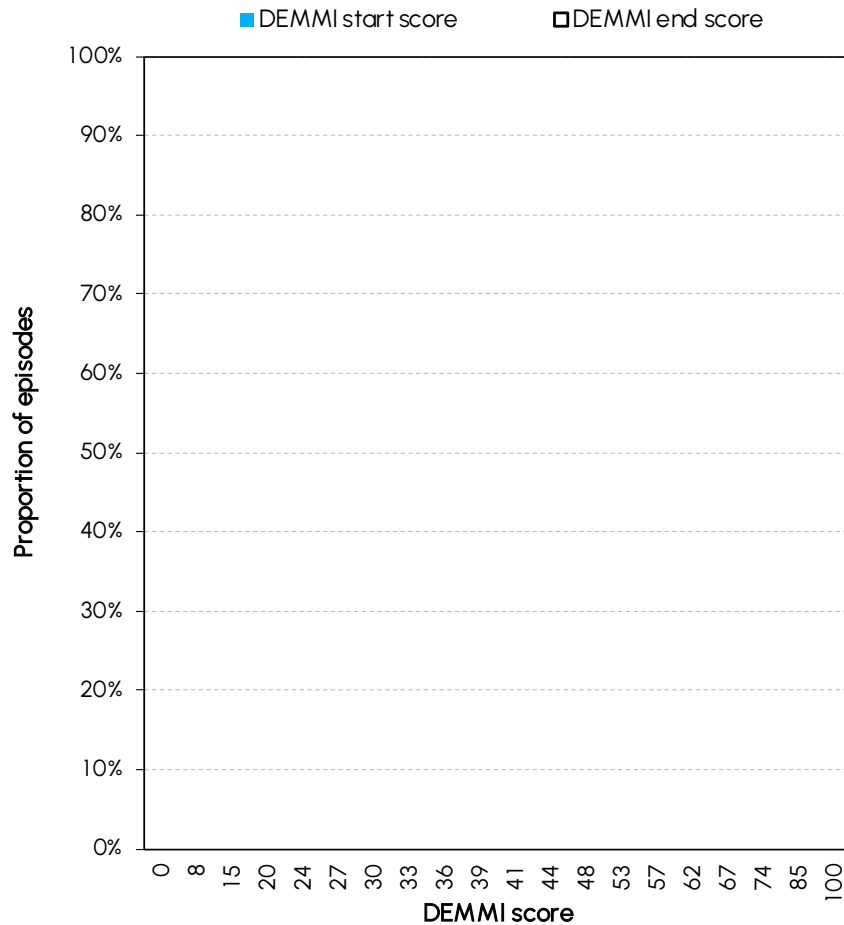


All Ambulatory FY25 (n=196)

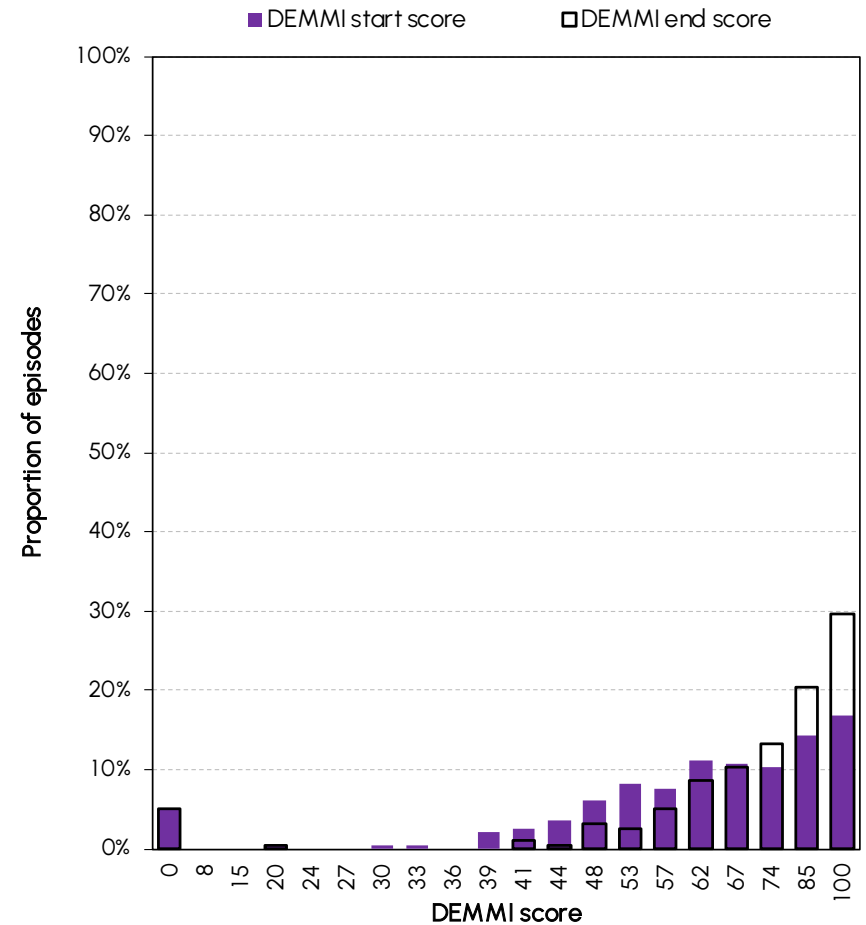


DEMMI start and end total – all episodes

Your Service FY25 (n<5)

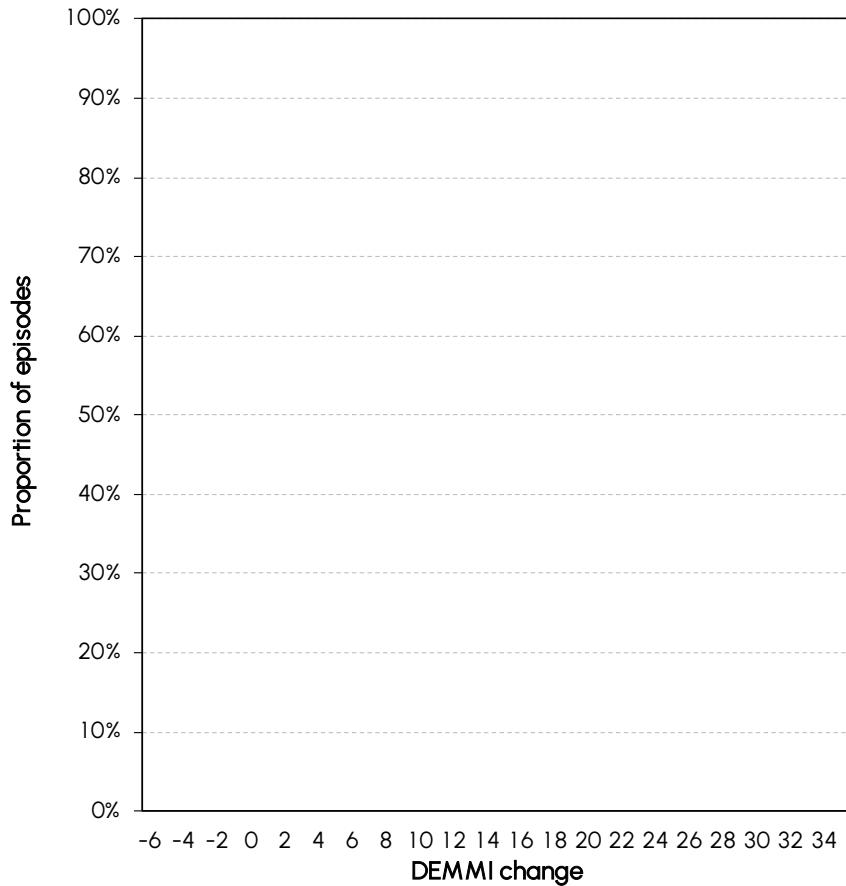


All Ambulatory FY25 (n=196)

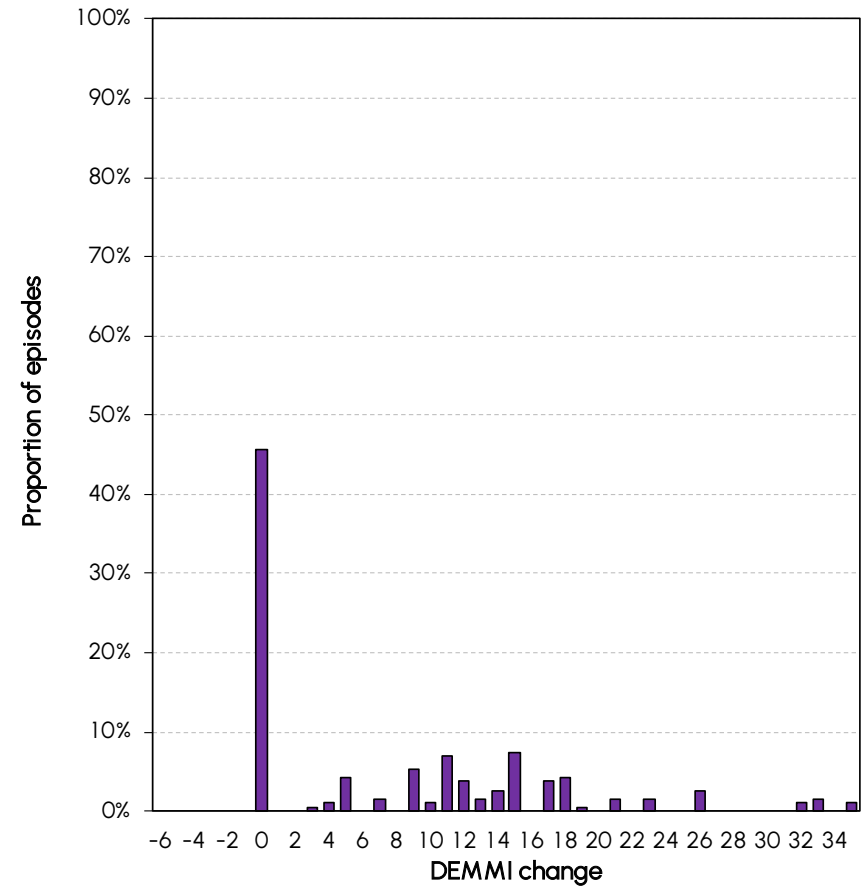


Change in DEMMI score – all episodes

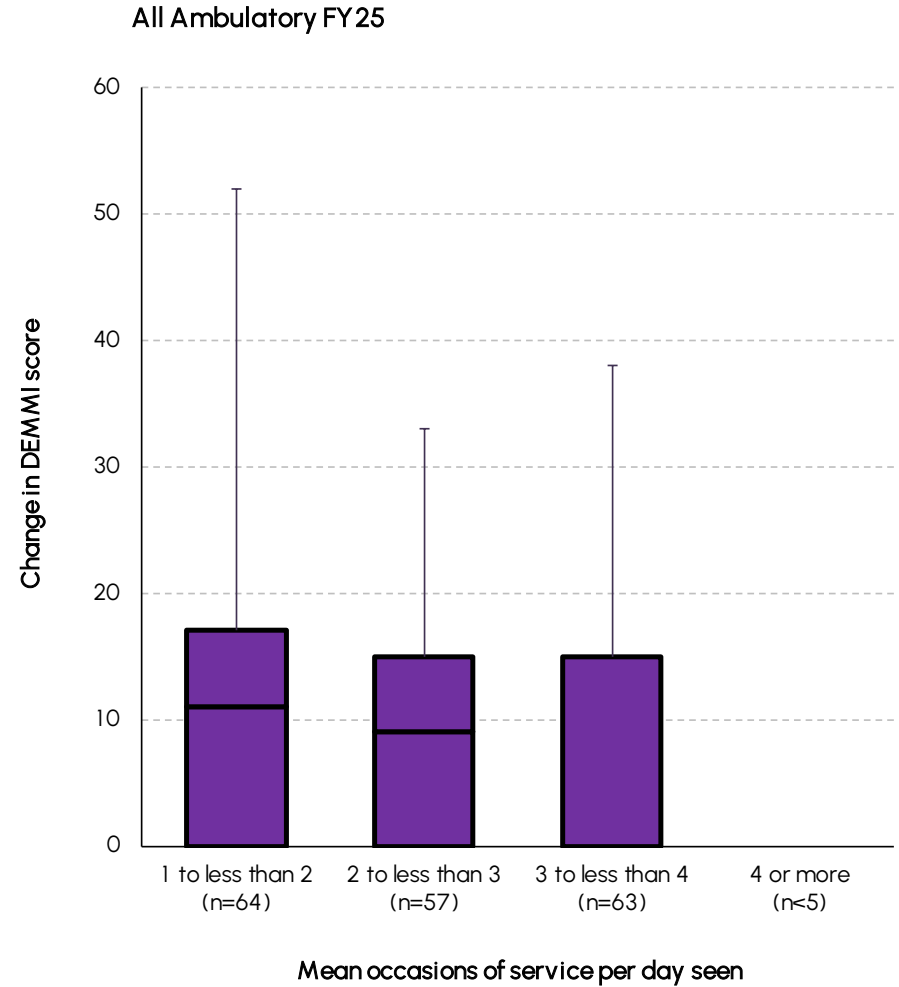
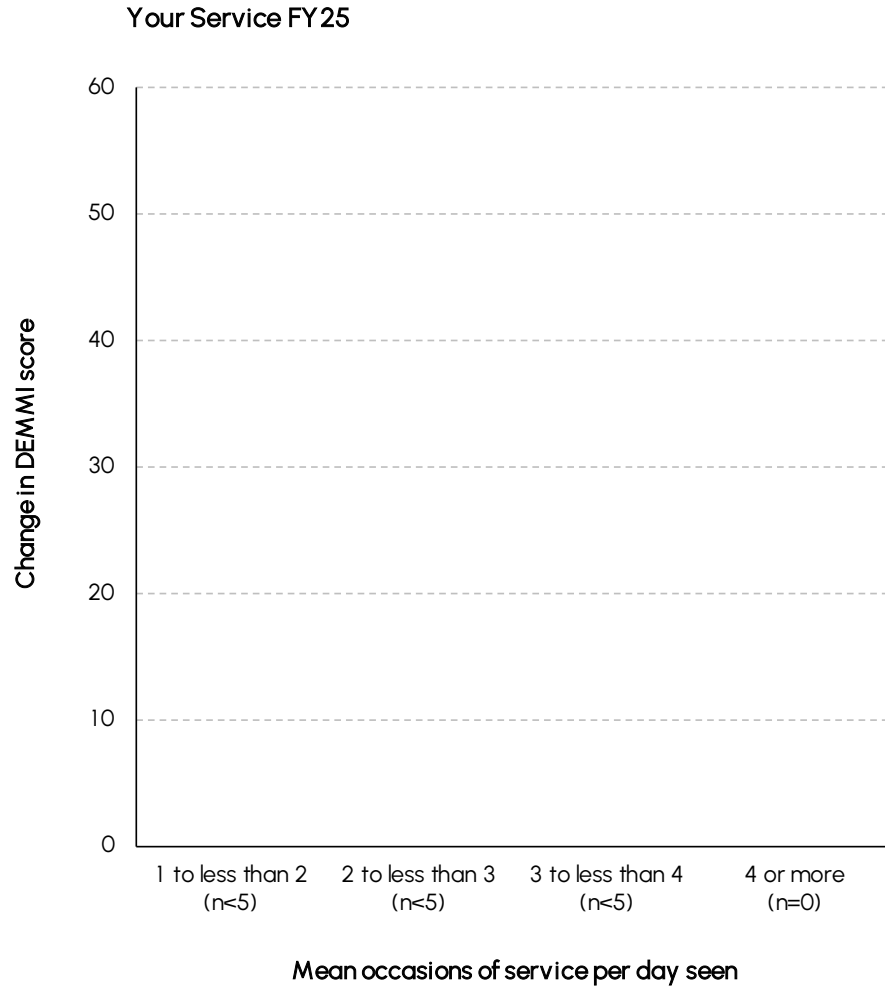
Your Service FY25 (n<5)



All Ambulatory FY25 (n=196)



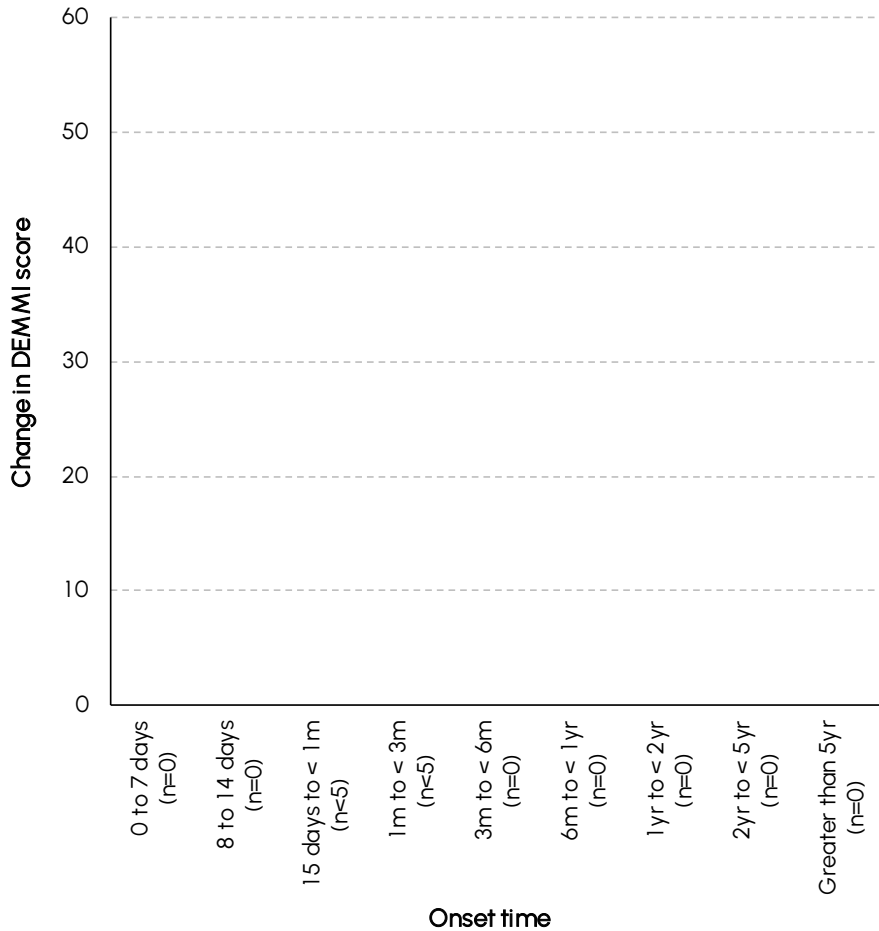
Change in DEMMI score by OOS/day seen – all episodes



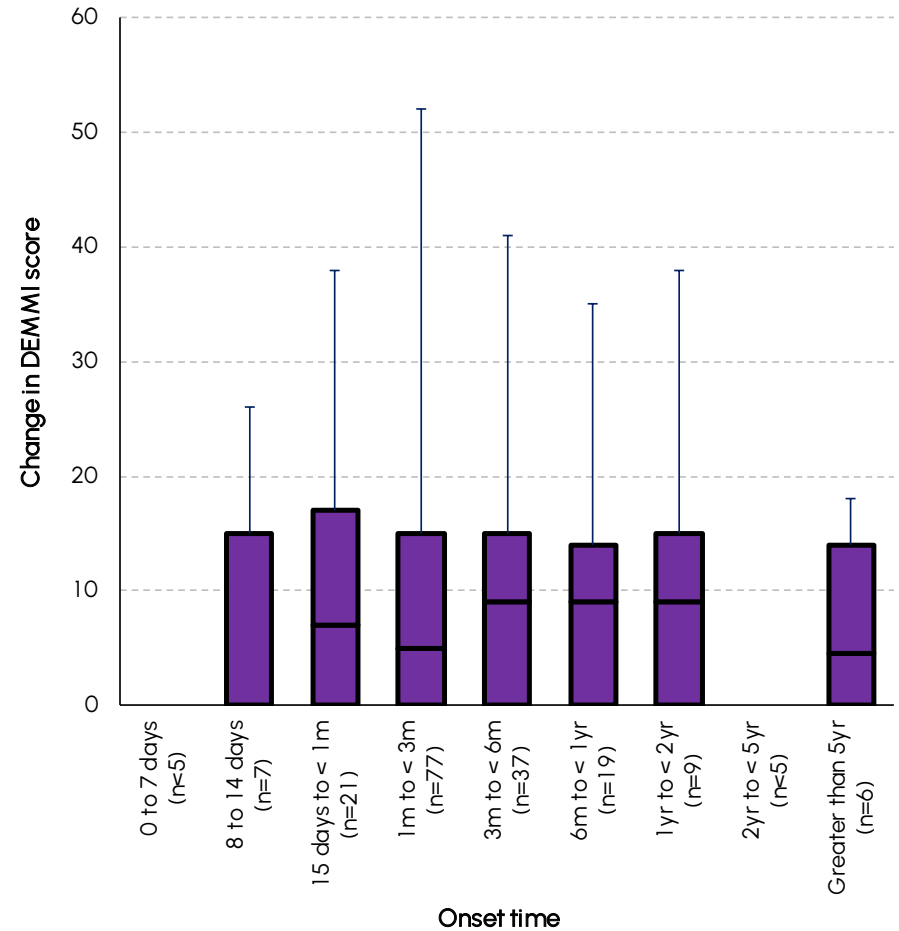
NOTE: To understand how to interpret these figures please refer to Appendix 3

Change in DEMMI score by onset time – all episodes

Your Service FY25



All Ambulatory FY25



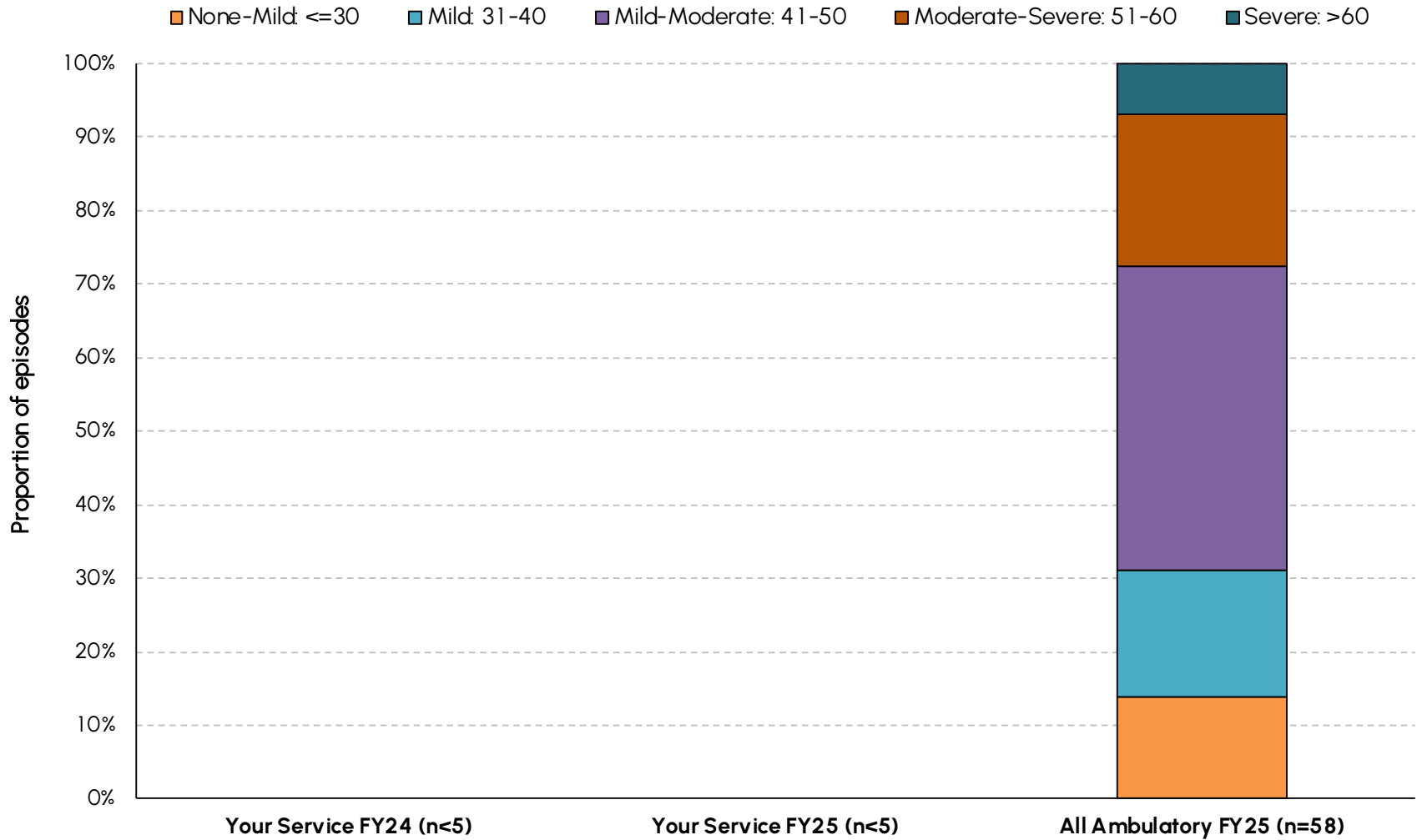
NOTE: To understand how to interpret these figures please refer to Appendix 3

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

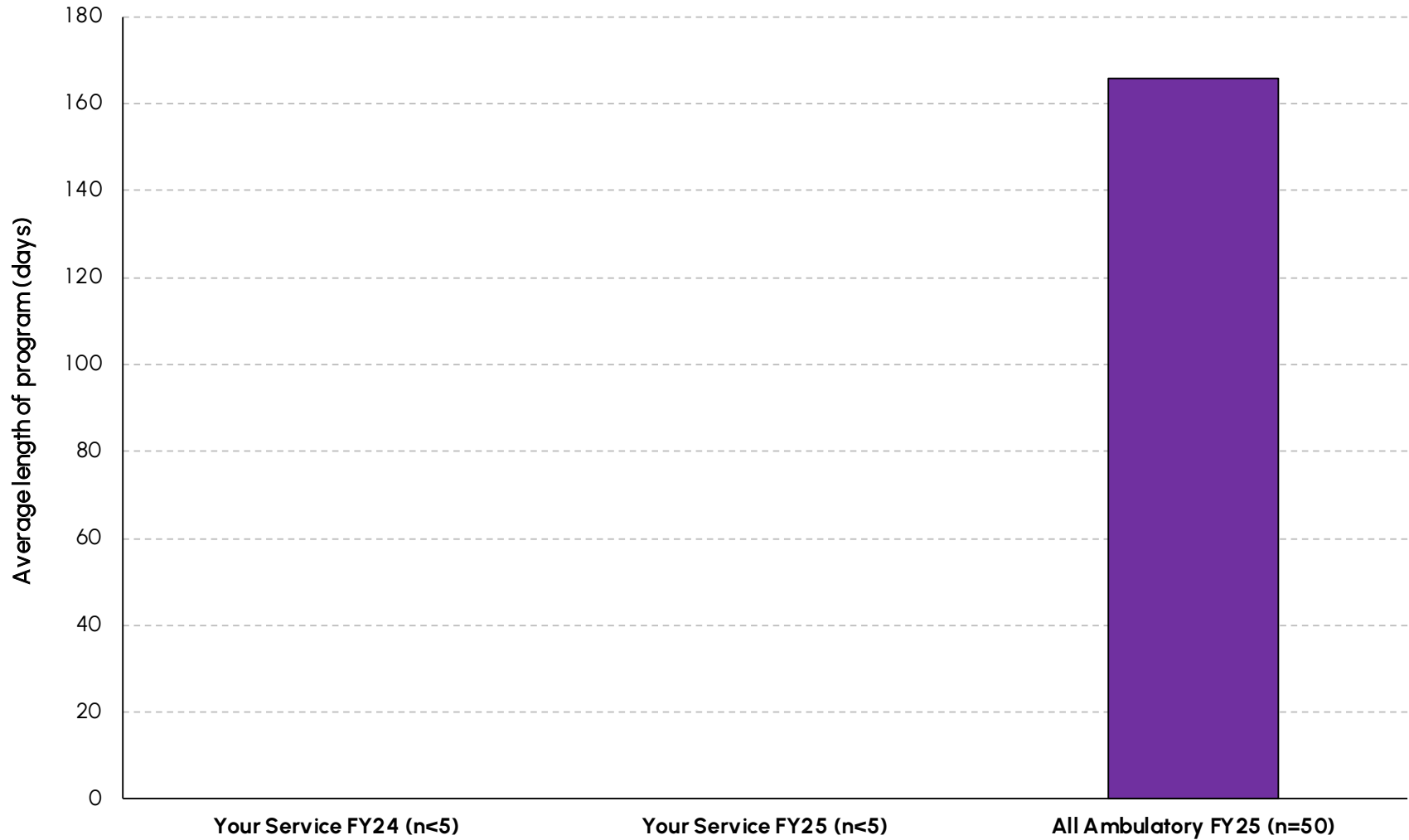
- This data item is collected in addition to the Australian Modified Lawton's IADL Scale for patients who may have functional impairment as a result of brain injury.
- The MPAI-4 was specifically designed for the evaluation of individuals during the post-acute period following ABI.
- The MPAI-4 consists 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

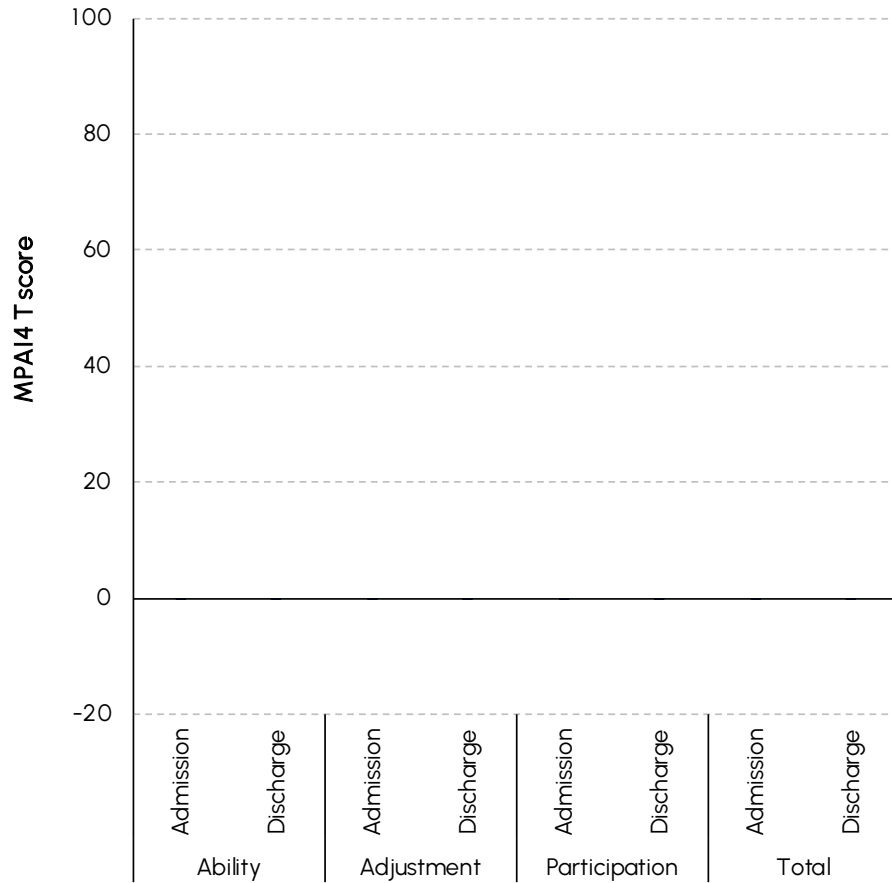


Average program length for episodes with submitted MPAI-4

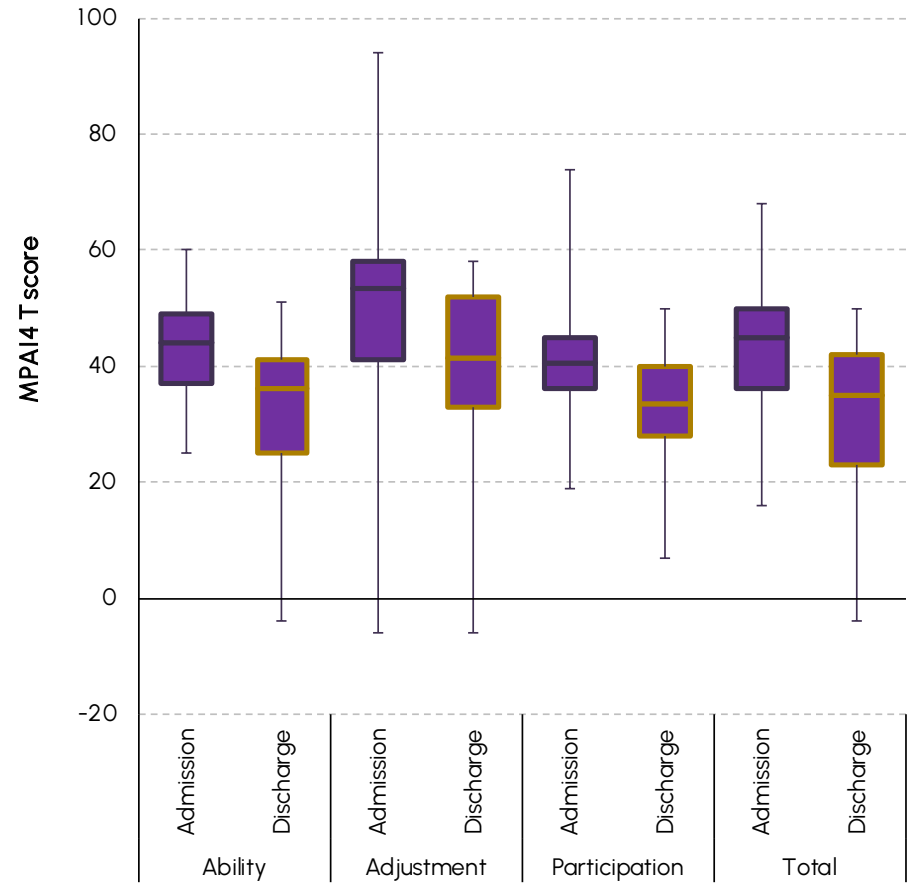


Admission and discharge T score distribution of spread by MPAI-4 index

Your Service FY25 (n<5)



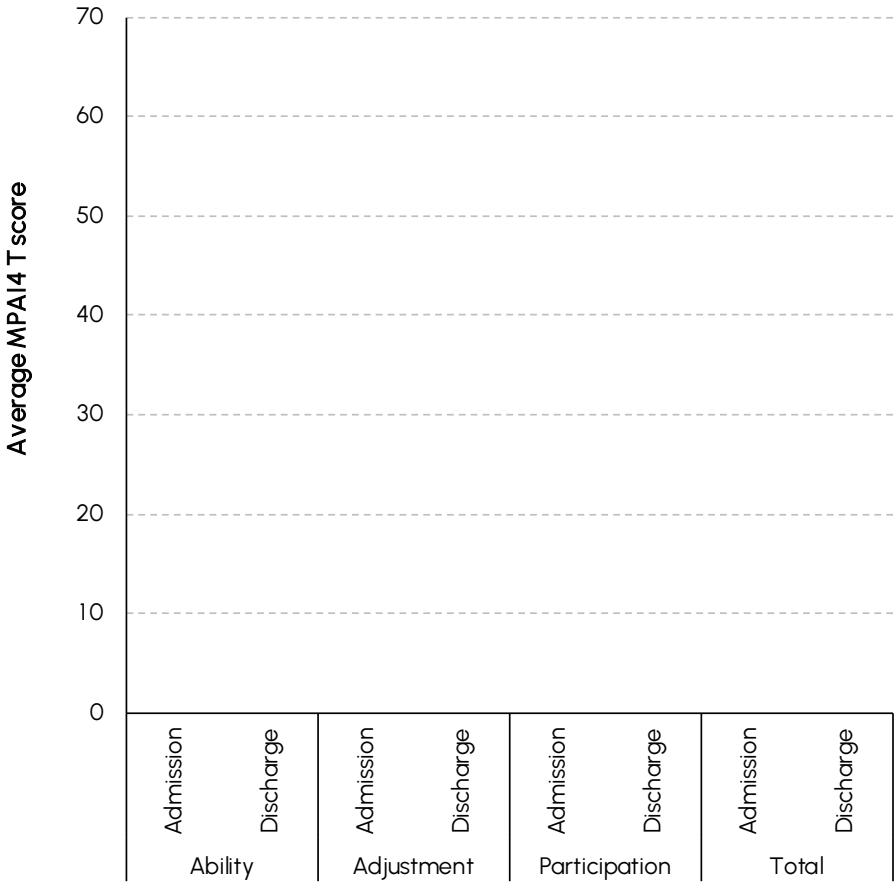
All Ambulatory FY25 (n=50)



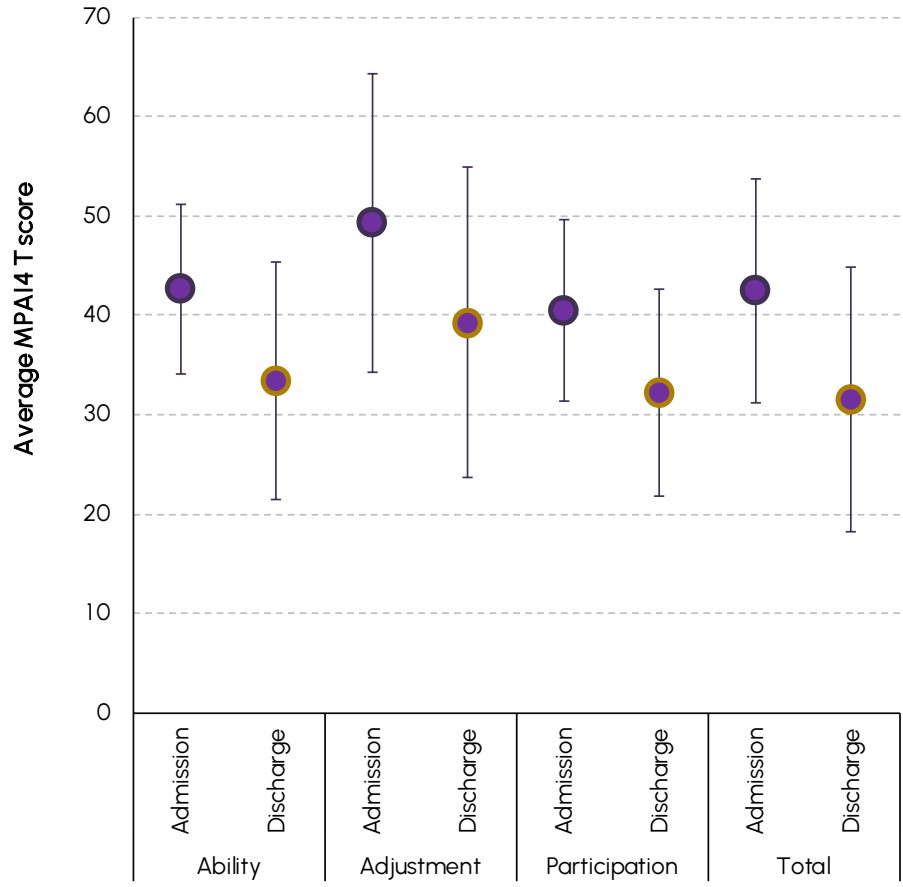
NOTE: To understand how to interpret these figures please refer to Appendix 3

Admission and discharge average T score by MPAI-4 index

Your Service FY25 (n<5)



All Ambulatory FY25 (n=50)



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.

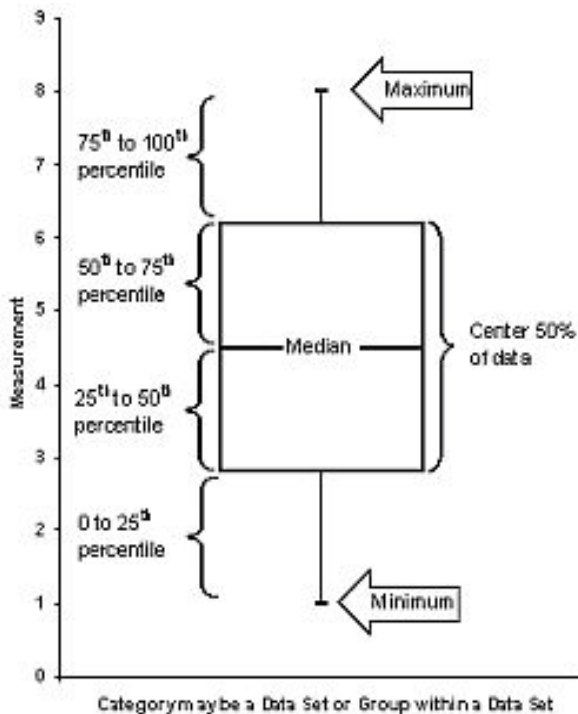
Valid Outcome Measure

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

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