The AROC Annual Report:

The state of rehabilitation in Australia in 2015

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Introduction

This is the 11th comprehensive annual report describing discharge episodes from subacute inpatient rehabilitation programs provided by Australian facilities that are members of the Australasian Rehabilitation Outcomes Centre (AROC).

The inaugural report was published in April 2007 and described the 2005 data; this 11th instalment describes the 2015 data.

This report is the first to use the version 4 AN-SNAP classification (to be implemented in Australia in July 2016). For more information about AN-SNAP classification please refer to the AROC website: http://ahsri.uow.edu.au/aroc

This report also introduces an extended times series analysis, looking at change in various rehabilitation measures over the most recent five years.

The provision of rehabilitation in Australia continues to grow in volume, with 2015 seeing a 6.3% real increase in inpatient episodes of rehabilitation provided. Once again the majority of that volume growth is coming from the reconditioning impairment group.

Number of episodes by impairment group, 2015
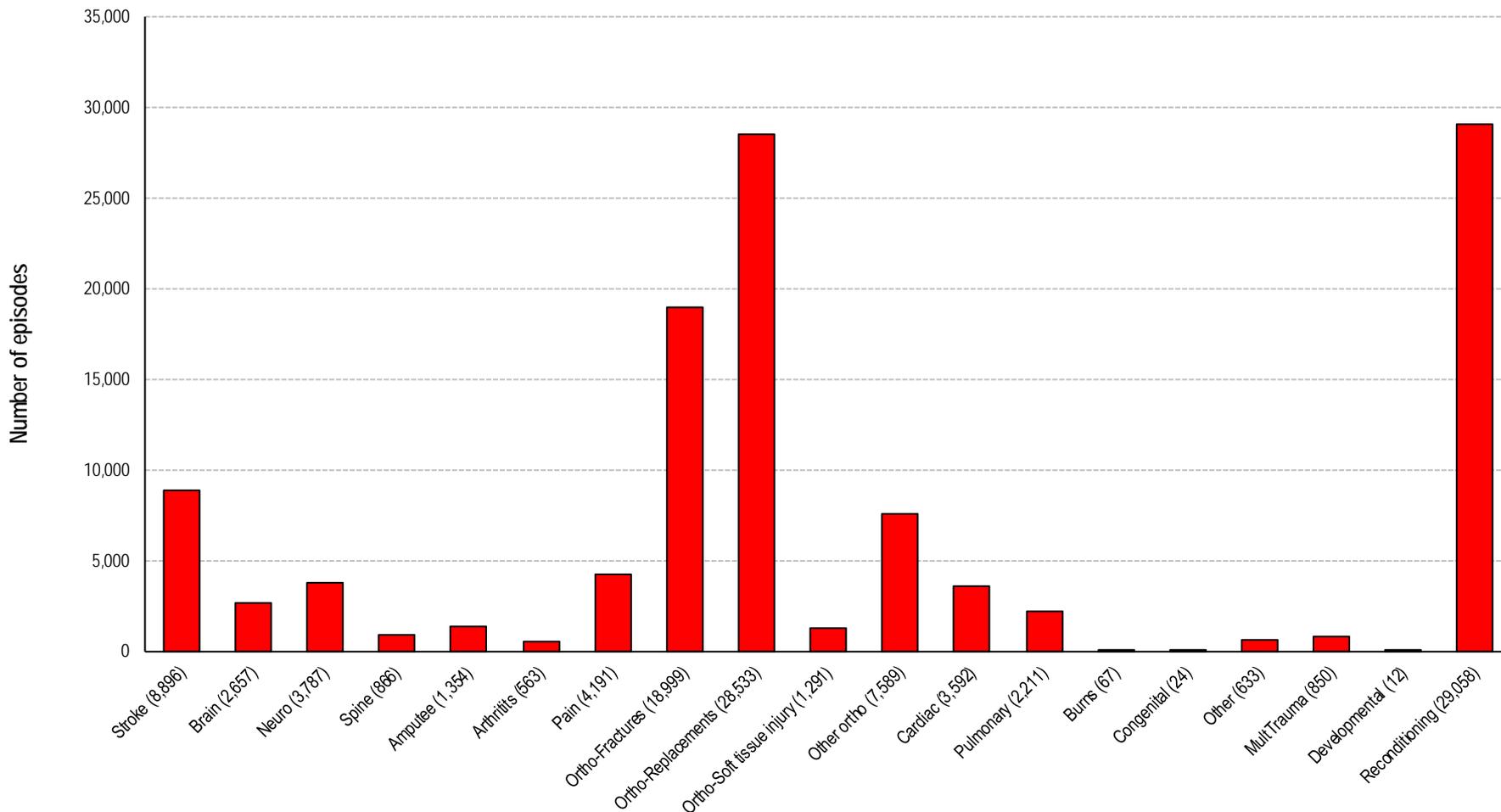
Proportion of episodes by impairment and sector, 2015
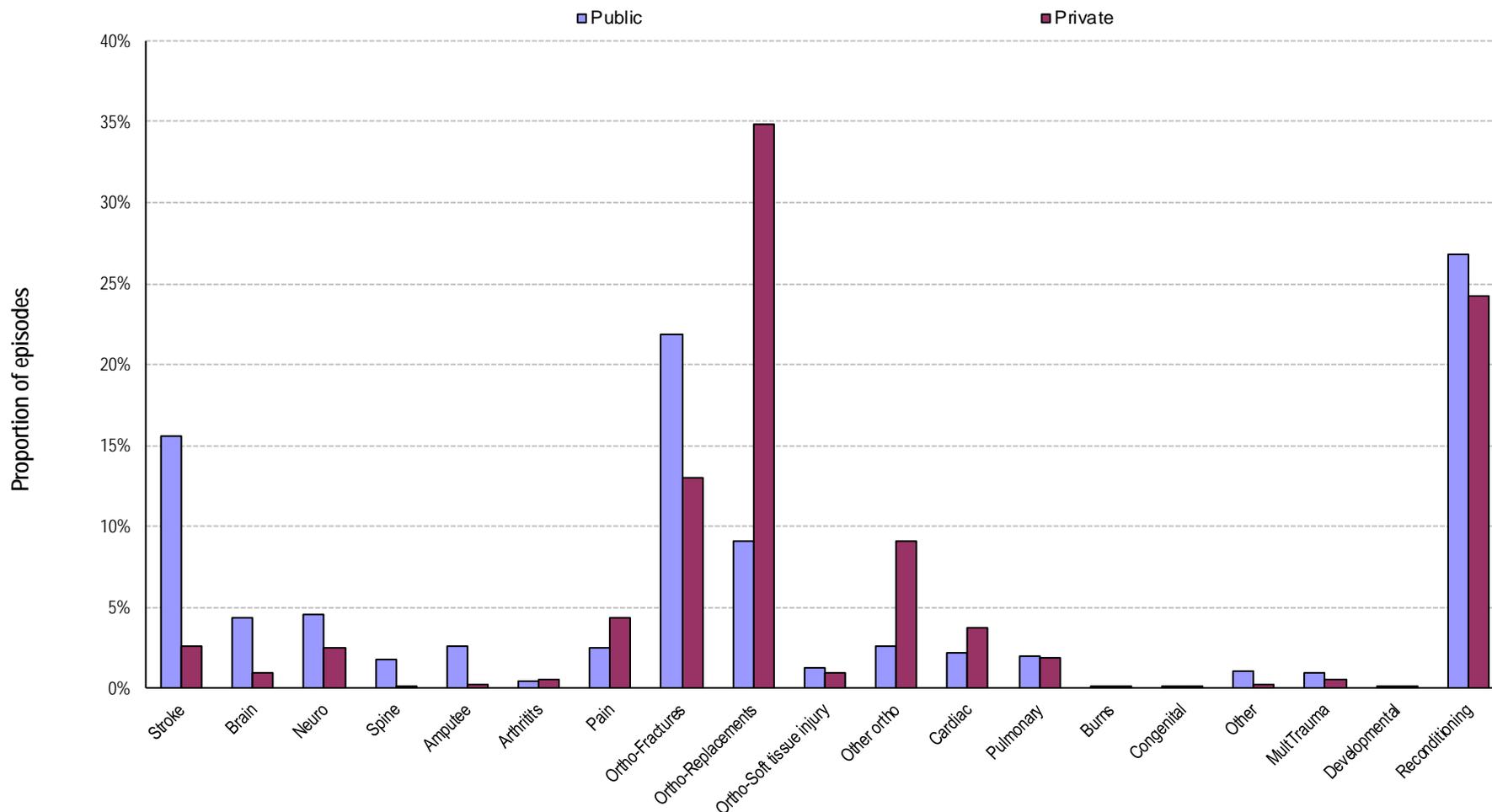
Funding source for rehabilitation in Australia, 2015
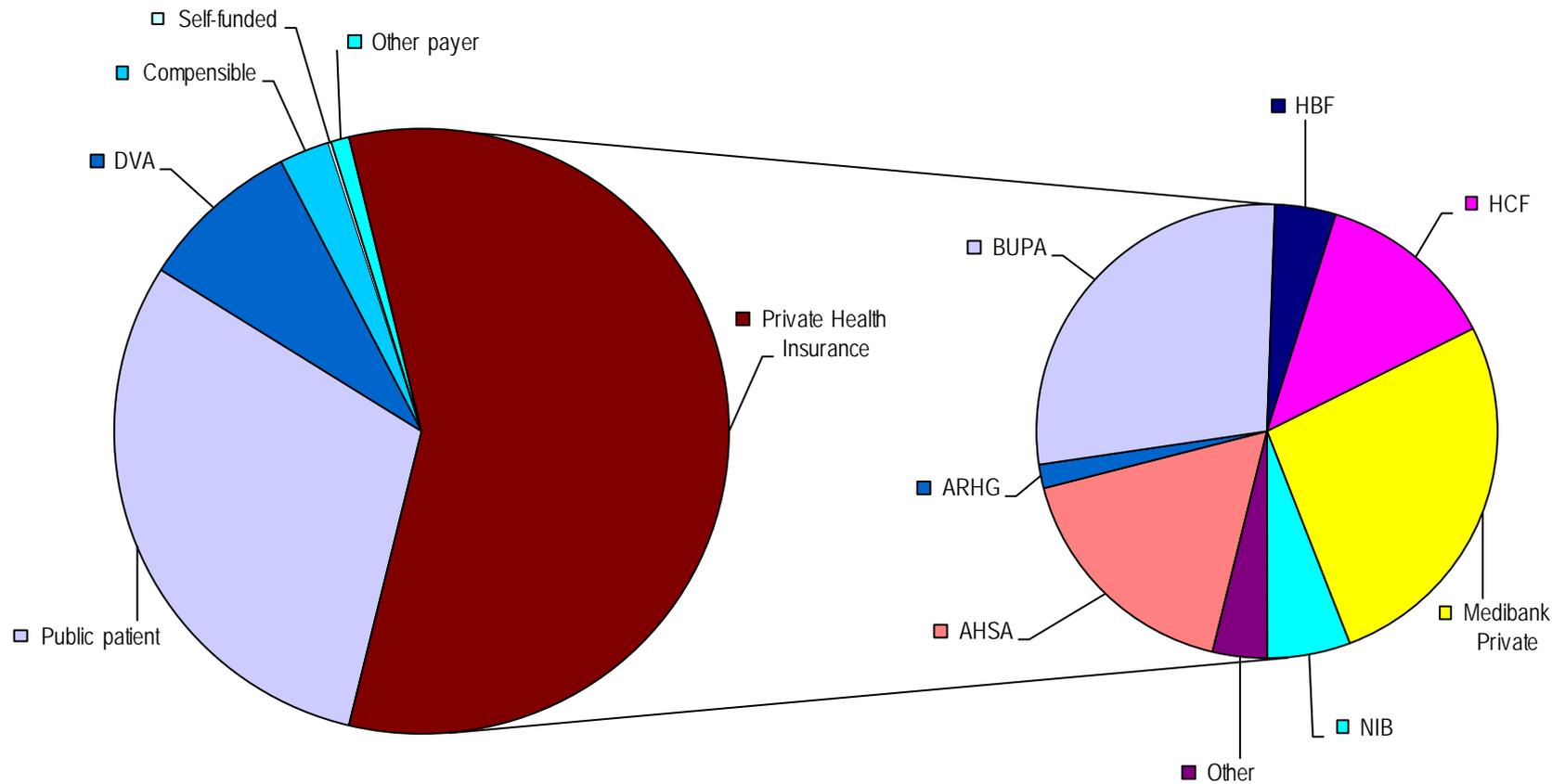
Changes in rehabilitation – compared to last year

The following figures look at changes in rehabilitation between last year and this year:

- The first figure considers the number of episodes within each impairment group and documents real changes in episode volume since last year.

- The second figure presents the key changes in rehabilitation outcome measures between last year and this year. The horizontal axis describes the difference between last year and this year averages, while last years actual values are presented on the left side of the graph.

Change in number of episodes by impairment group, 2014 to 2015

Percentage change in number of episodes

Change in outcome measures, 2014 to 2015

Difference from 2014 data

2014

	2014
Age (years)	74.4
Length of stay (days)	18.0
FIM admission score	89.8
FIM discharge score	107.4
FIM change (adm to disch)	17.6
FIM efficiency (per week)	6.8
Disch to community (%)	90.1

2014 (n = 108,606)
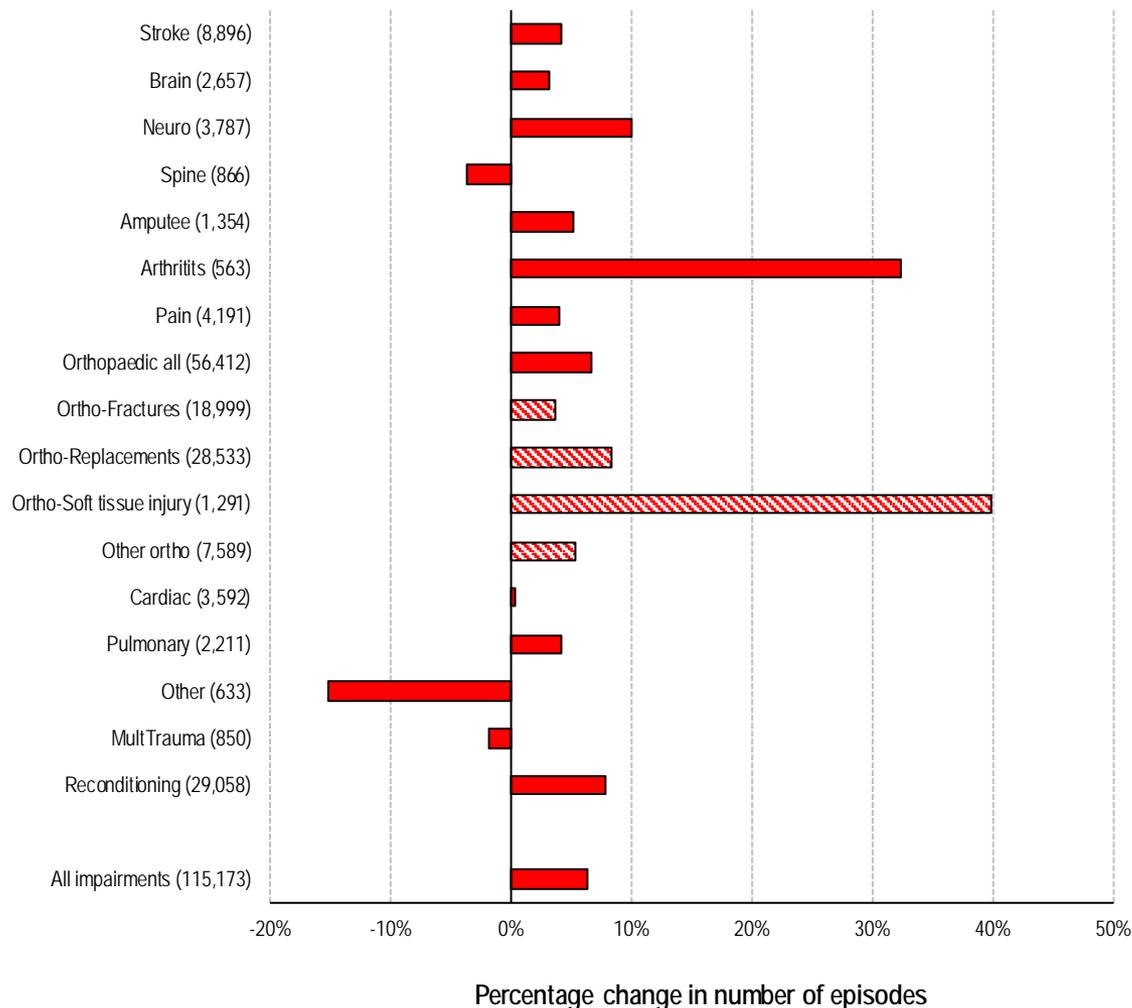2015 (n = 115,226)

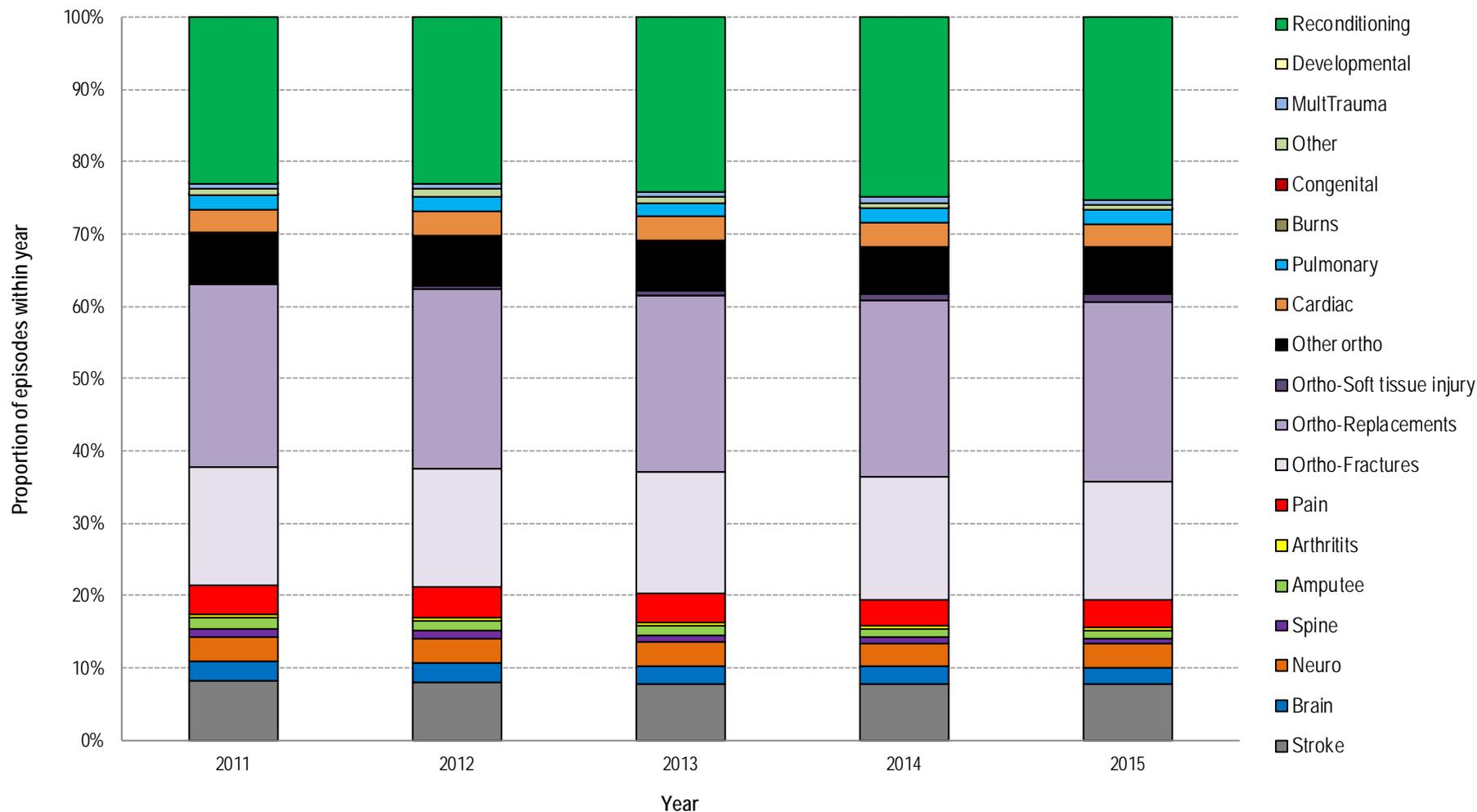Lower than 2014 data

Higher than 2014 data

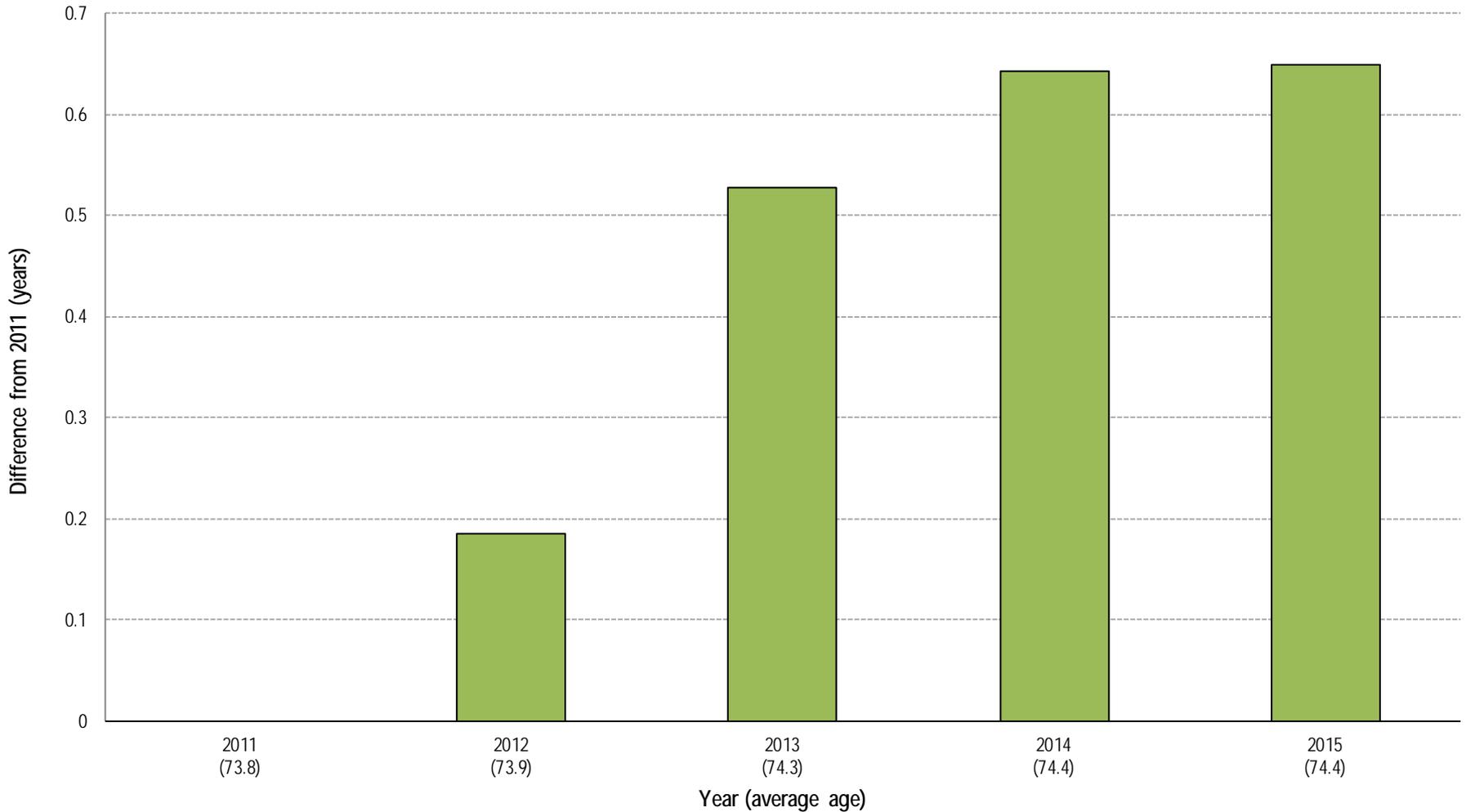# Changes in rehabilitation – compared to five years ago

The following figures look at changes in rehabilitation over the last 5 years:

- The first figure outlines the changing proportion of episodes within each impairment group over the past five years as a proportion of all episodes each year.

- The second figure presents the key changes in rehabilitation outcome measures between five years ago and this year. The horizontal axis describes the difference between five years ago and this year averages, while the actual values from five years ago are presented on the left side of the graph.

- The remaining figures provide a graphical representation of the change in various rehabilitation measures over the most recent five years. Each bar (one per year) represents the difference, positive or negative, of that year's value to the value from five years ago. The value for the bar from five years ago will always be zero.
  - Age at admission
  - Admission to rehabilitation within a week of injury or onset of symptoms
  - Length of stay
  - Proportion of FIM assessments within three days of rehabilitation commencing
  - Admission FIM scores as a proportion of the total score possible
  - FIM change as a proportion of the total change possible
  - FIM efficiency

Proportion of episodes by impairment group, 2011 to 2015

Change in outcome measures, 2011 to 2015

Difference from 2011 data

2011

	2011 value
Age (years)	73.8
Length of stay (days)	18.9
FIM admission score	91.1
FIM discharge score	108.9
FIM change (adm to disch)	17.8
FIM efficiency (per week)	6.6
Disch to community (%)	90.7

2011 (n = 80,593)
2015 (n = 115,226)

Lower than 2011 data

Higher than 2011 data

Average age compared to five years ago

Over the last five years patients have been getting slightly older; patients in 2015 were ⅔ year older than in 2011.

Admission to rehabilitation within a week of injury or onset of symptoms compared to five years ago
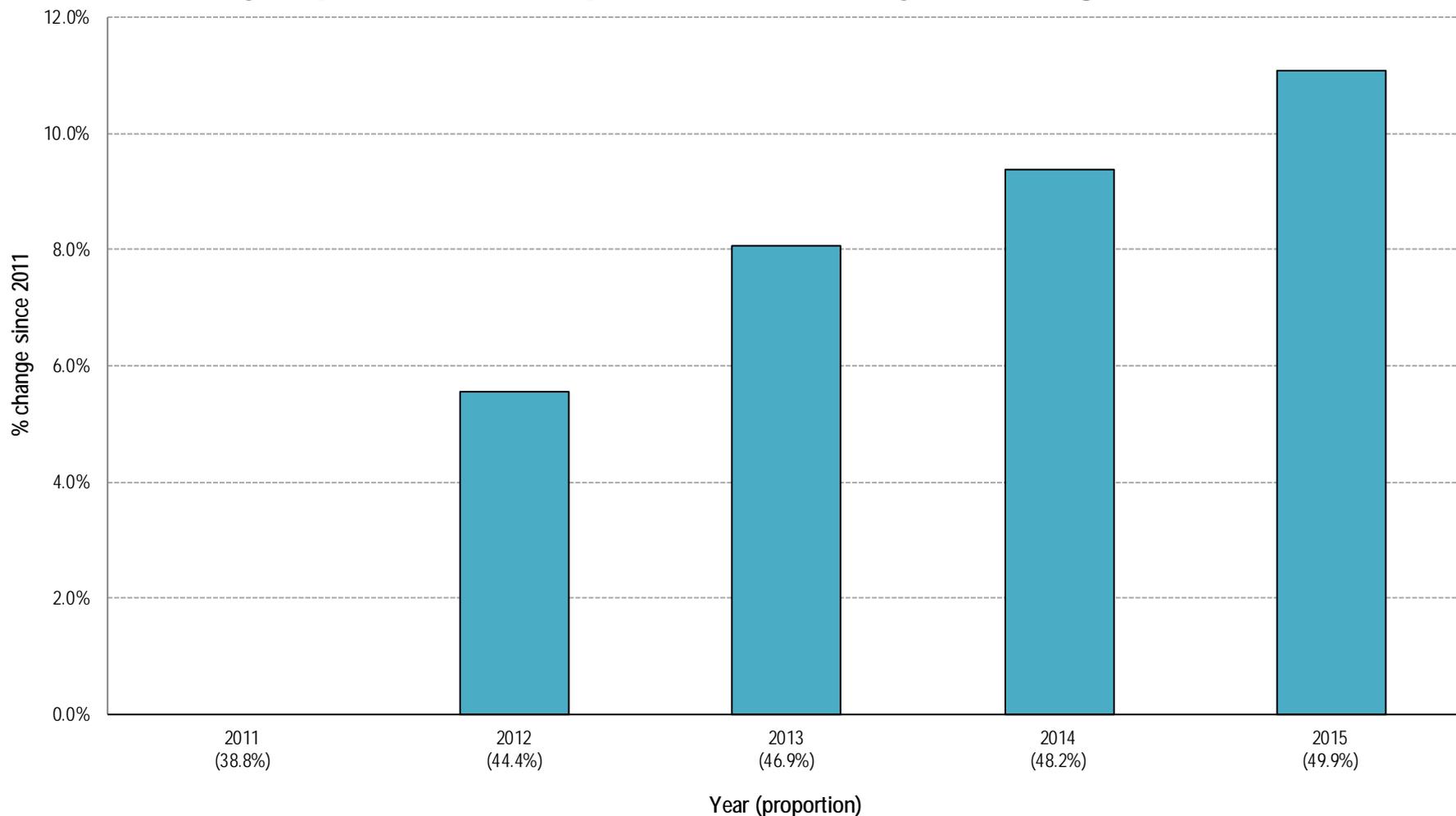
Over the last five years patients have been commencing rehabilitation sooner after their injury /onset of symptoms; in 2015 11% more patients were admitted to rehabilitation within a week of onset compared to in 2011.

Length of stay compared to five years ago
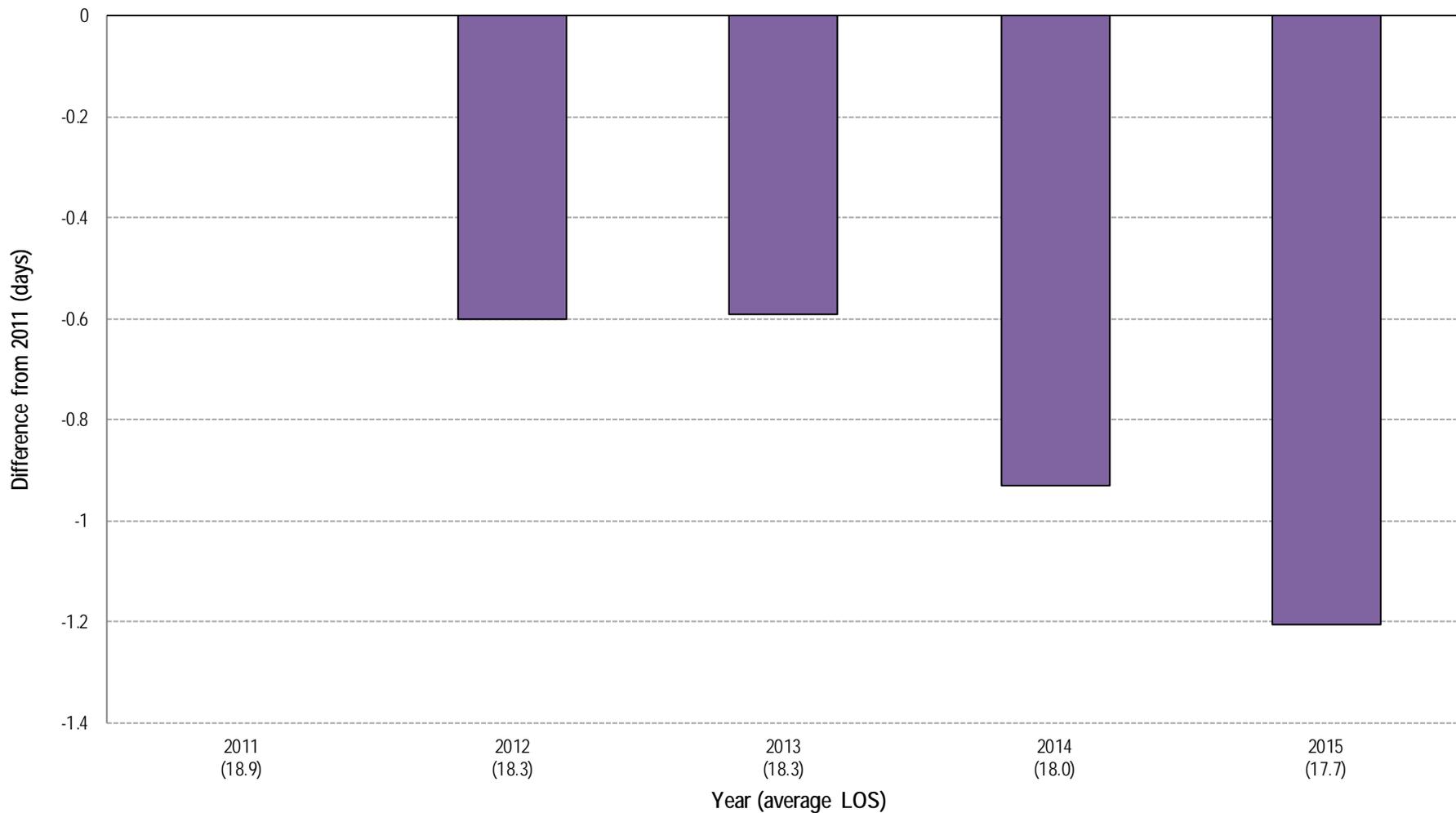
Over the last five years rehabilitation length of stay (LOS) has been declining slowly; in 2015 patients stayed just over 1 day less than they did in 2011.

Timeliness of FIM assessment within 72 hours compared to five years ago
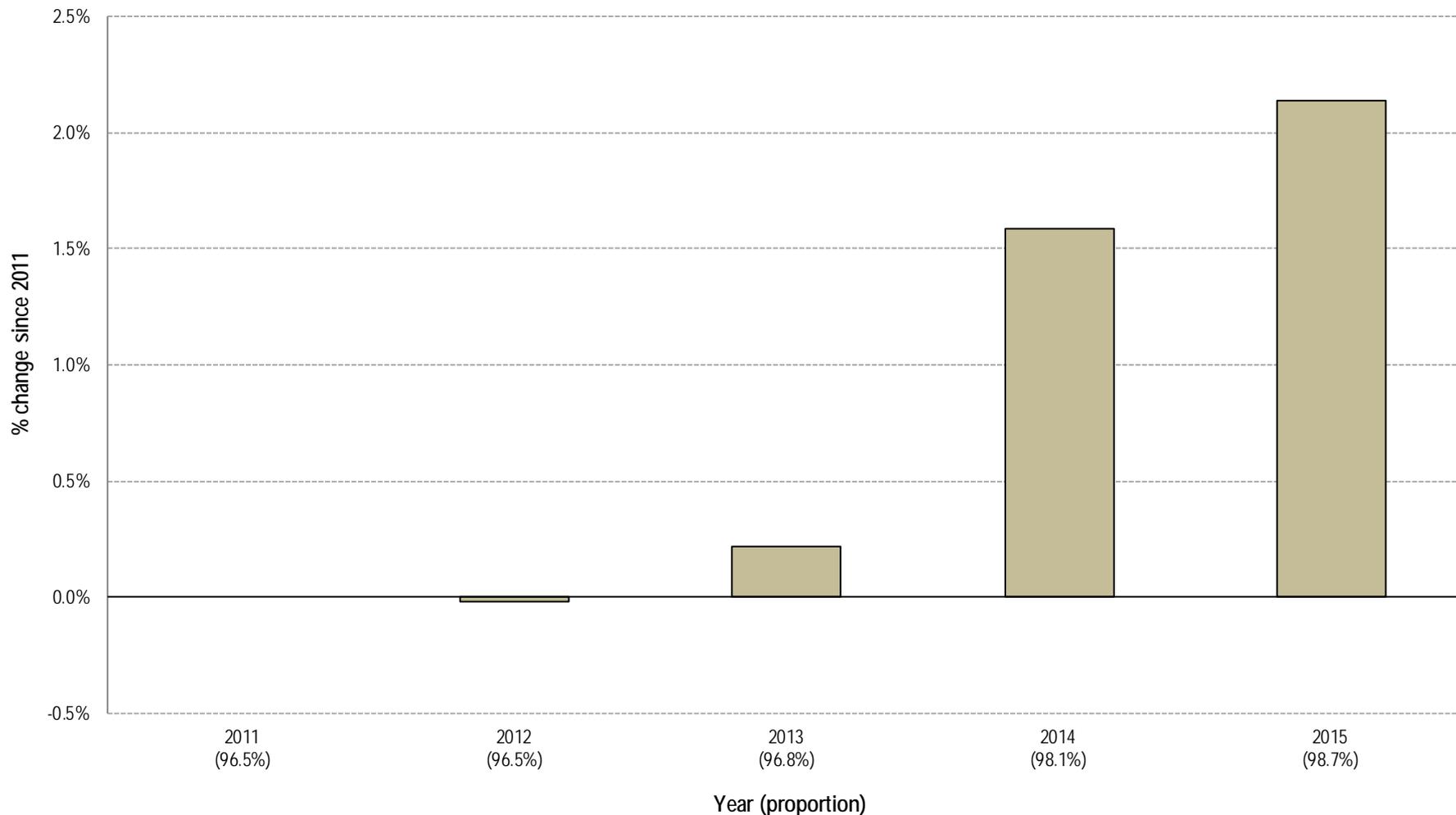
Over the last five years more patients have been assessed for their functional ability within three days of rehabilitation commencing; in 2015 2% more patients were assessed within three days compared to in 2011.

FIM scores at admission as a proportion of total possible compared to five years ago
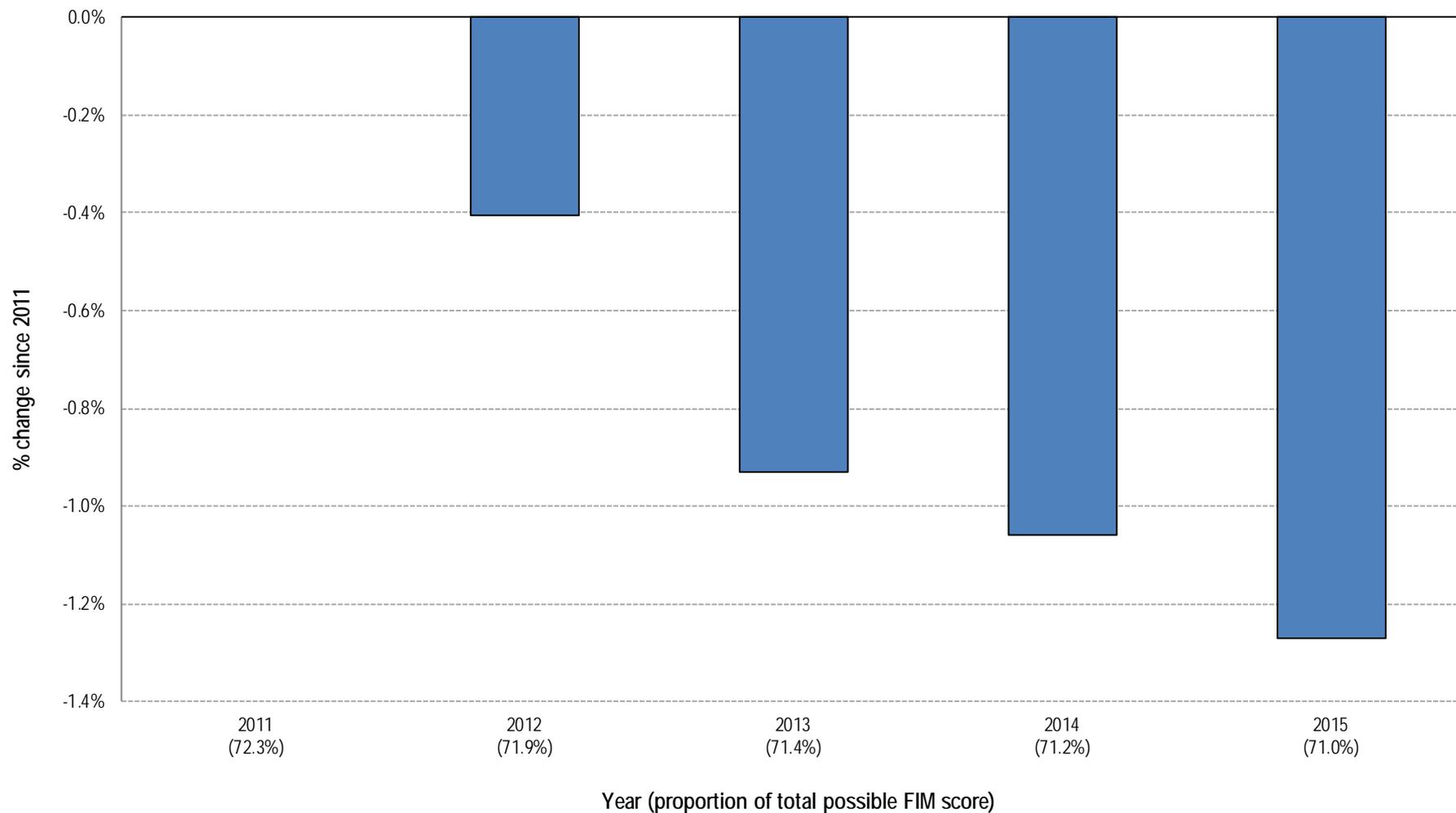
Over the last five years the FIM admission score has declined slightly, just over 1% lower in 2015 compared to in 2011.

FIM change as a proportion of total possible compared to five years ago
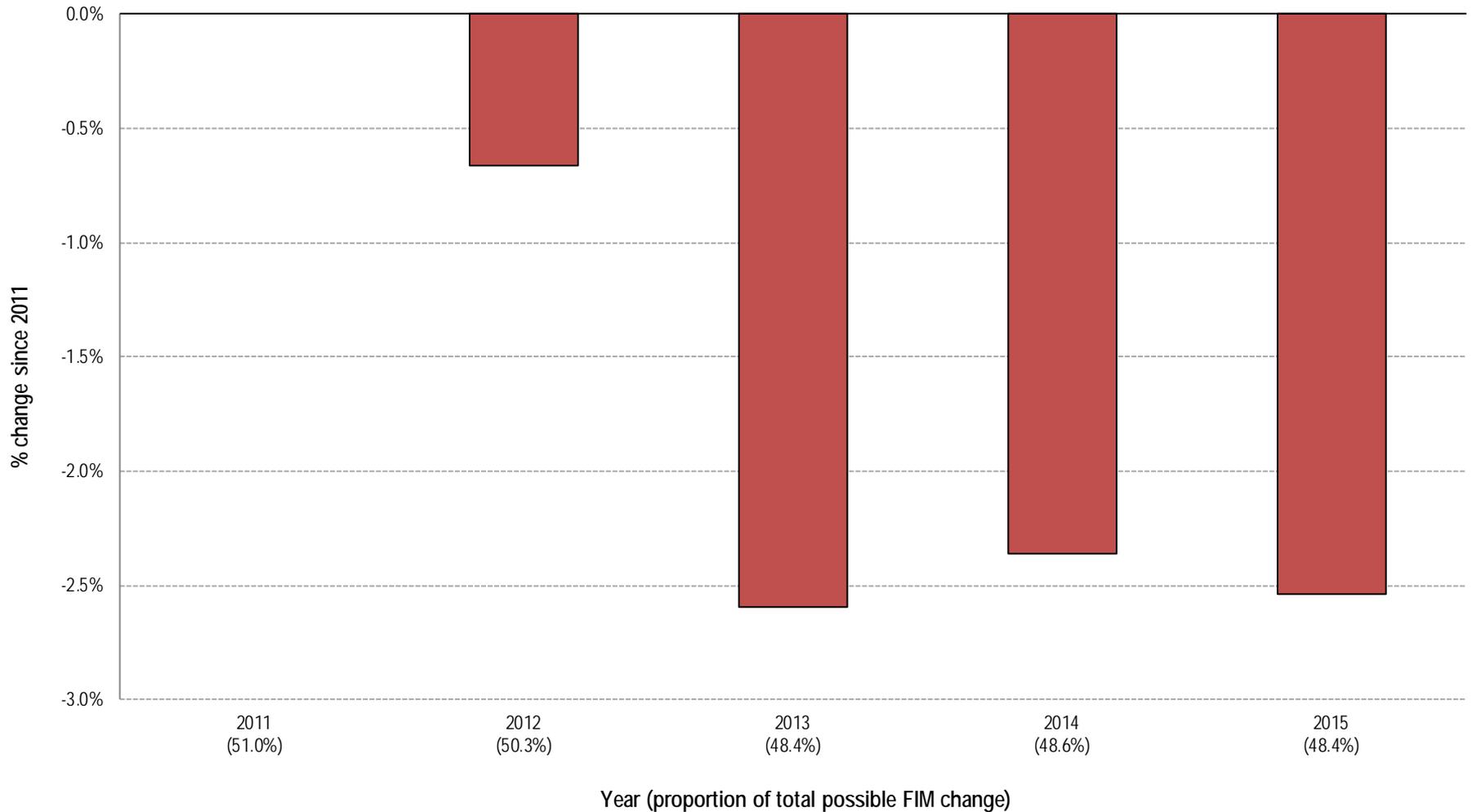
Change in FIM score possible from admission to discharge over the last three years has been static and about 2½% lower than it was in 2011. In 2015 48% of FIM gain possible was achieved.

FIM efficiency per week compared to five years ago
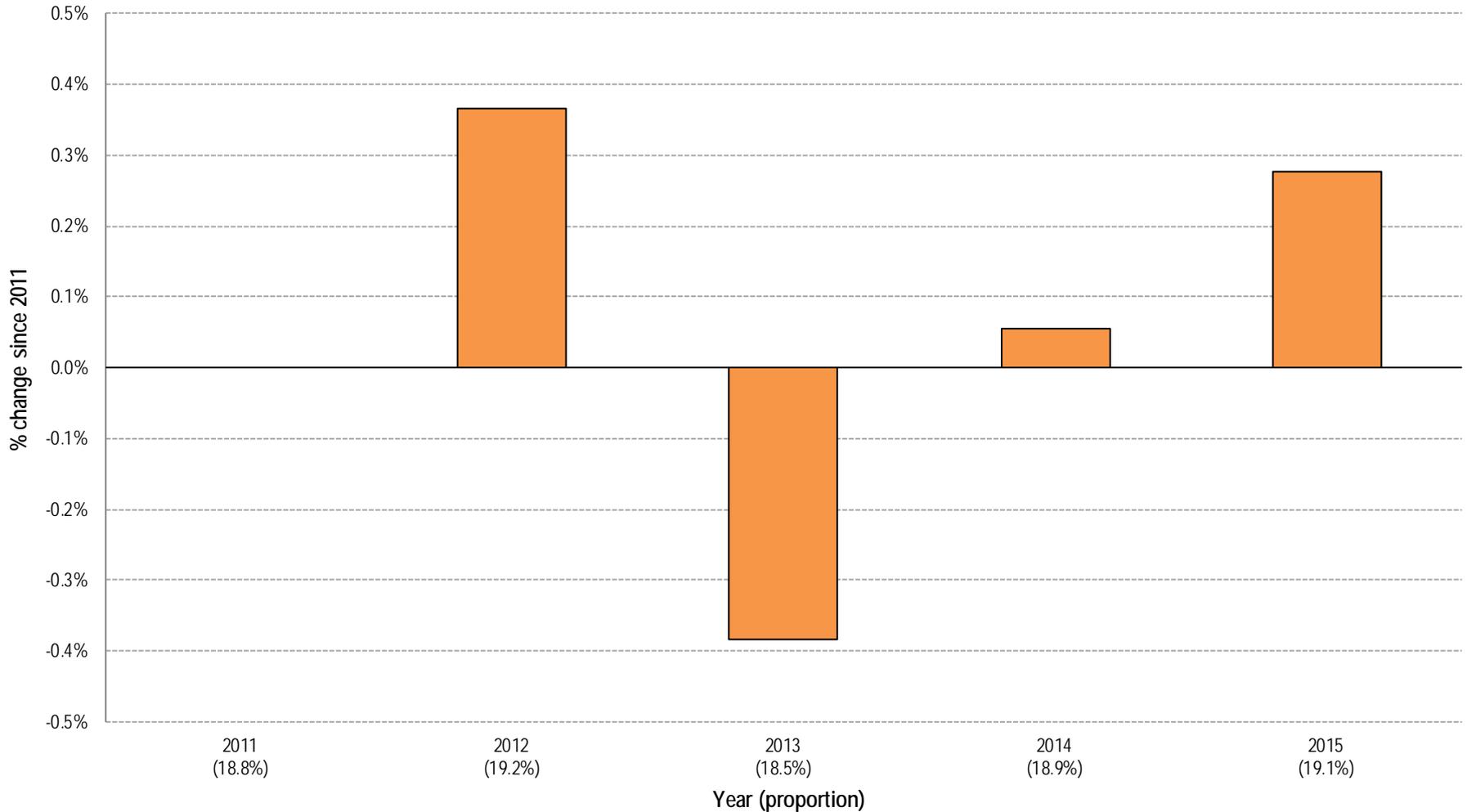
Over the last five years weekly FIM efficiency (change in FIM score possible from admission to discharge divided by length of stay x7) has not changed significantly; in 2015 it was marginally higher than it was in 2011. The 0.7% increase from 2013 to 2015 is in keeping with the observed decline in LOS and static FIM change over this period.

Outcomes by impairment

A series of figures and tables are provide for each impairment group; these outline the key descriptive data for this year, changes in episode volumes over the last 5 years, and changes in rehabilitation outcome measures between last year and this year:

- The first figure in each group outlines the number of episodes for each quarter over the past five years, and documents any changes in episode volume over time and/or seasonal trends.

- The second figure displays the proportion of episodes in each AN-SNAP class over the last 5 years.

- The third is a table outlining key data for the respective impairment group by AN-SNAP class.

- The fourth figure provides a summary of the discharge destination of all episodes by AN-SNAP class.

- The fifth figure provides a graphical representation of length of stay (LOS) and improvement in the FIM (Functional Independence Measure) by AN-SNAP class.

- Finally, the sixth figure presents the key changes in rehabilitation outcome measures between last year and this year. The horizontal axis describes the difference between last year and this year averages, while last years actual values are presented on the left side of the graph.

Stroke episodes over time

Number of episodes by quarter - Stroke
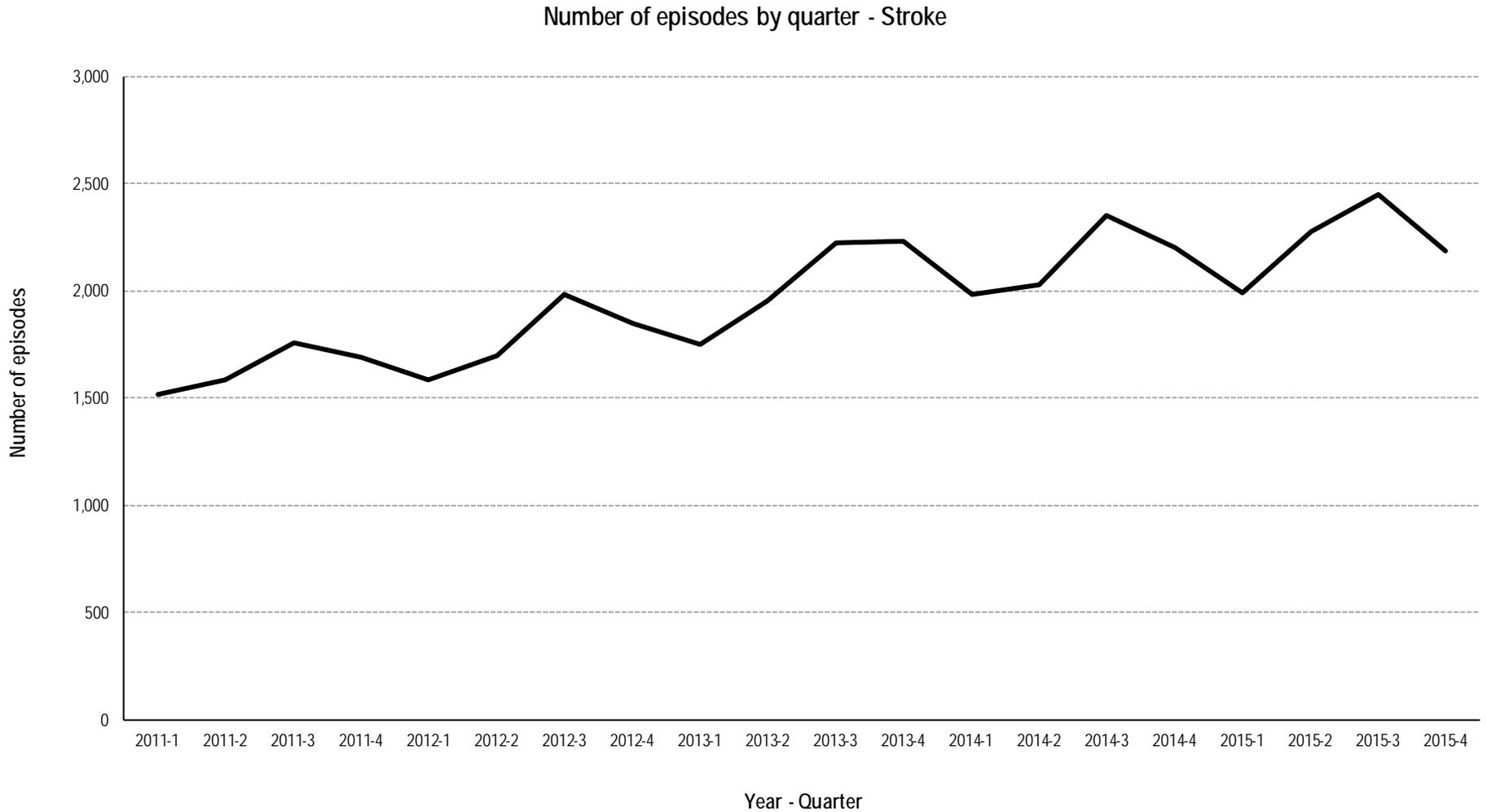
Stroke casemix over time
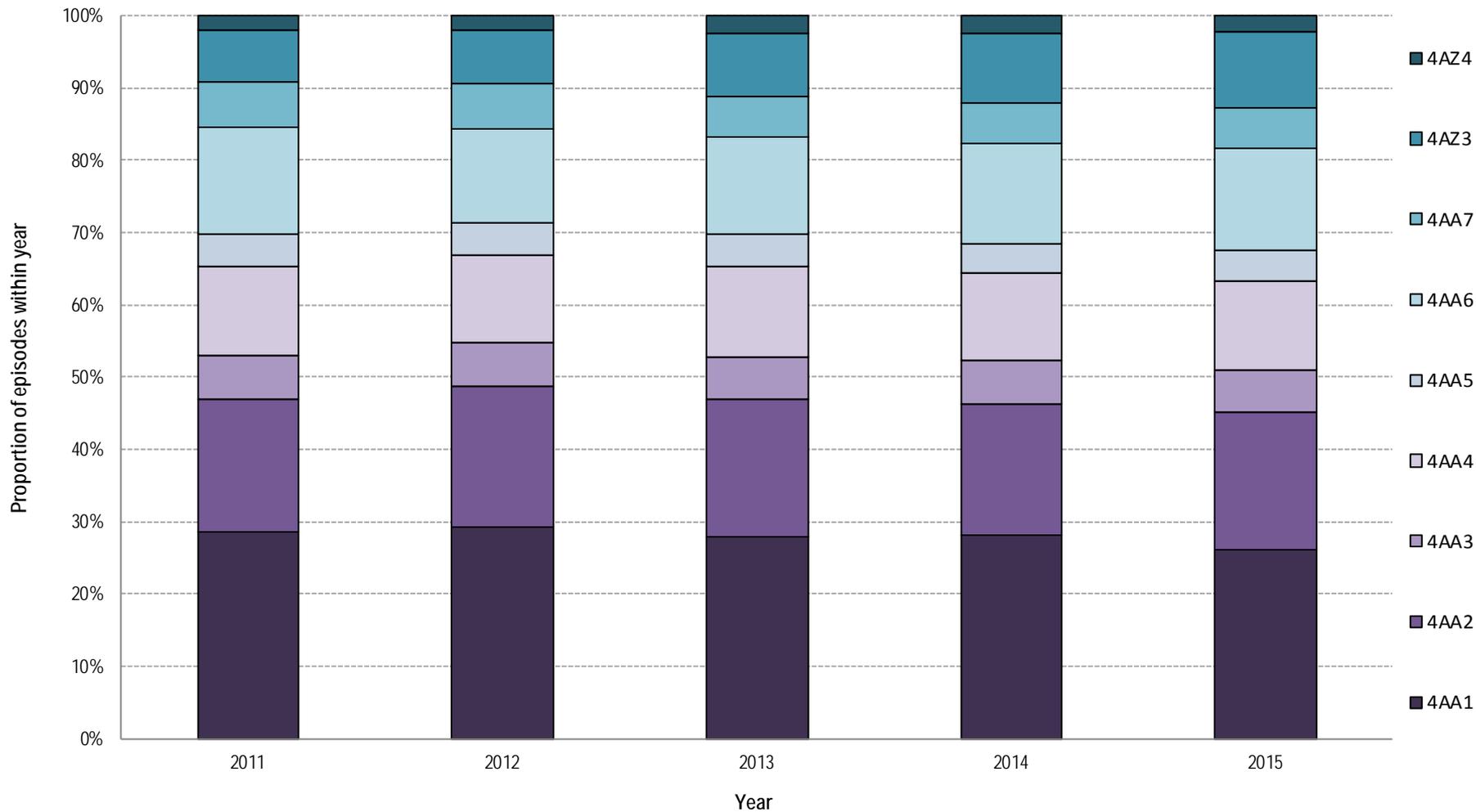
Stroke episodes in 2015

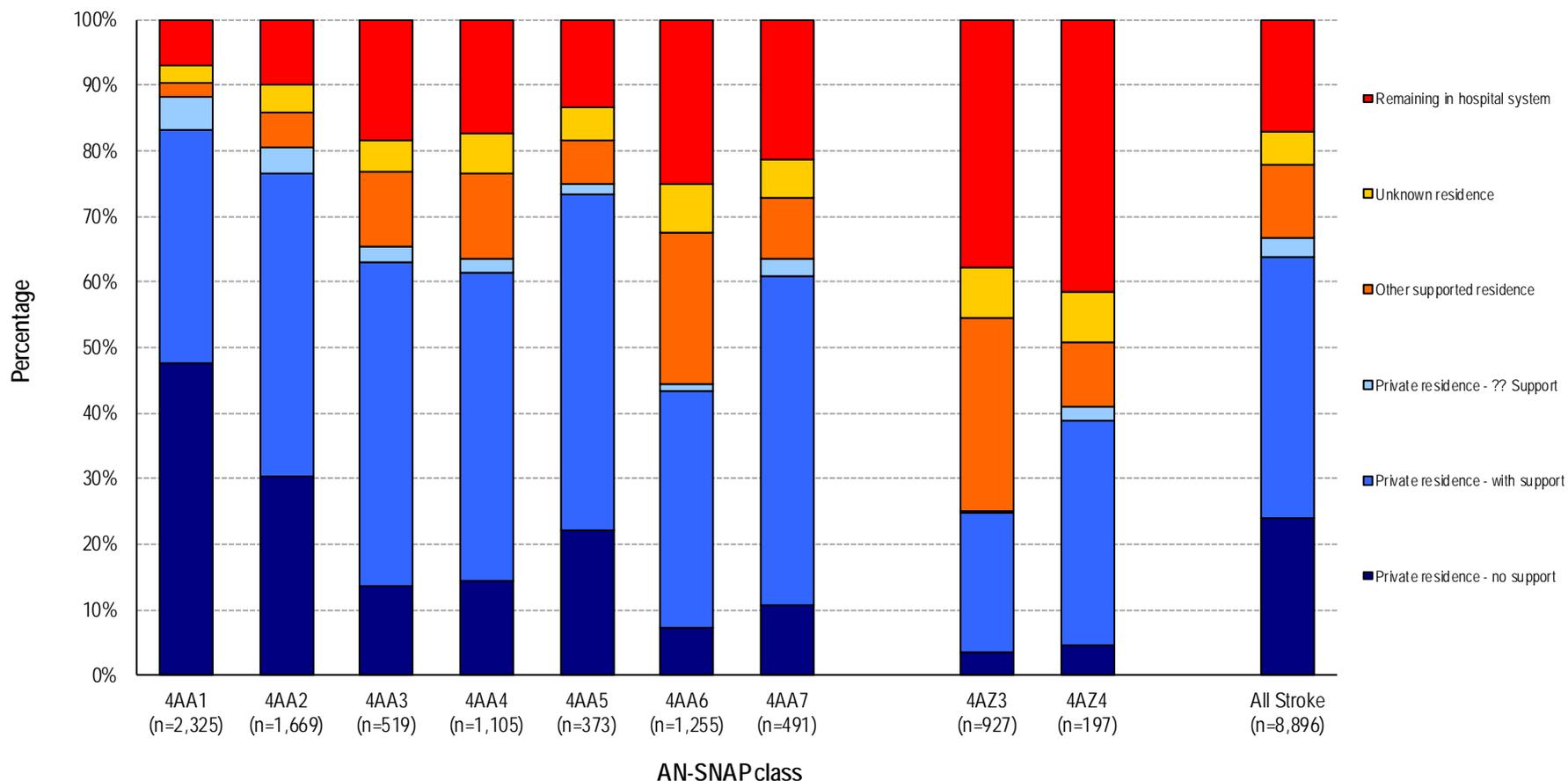| AN-SNAP class:	4AA1	4AA2	4AA3	4AA4	4AA5	4AA6	4AA7	4AZ3	4AZ4	All Stroke
Number of episodes	2,325	1,669	519	1,105	373	1,255	491	927	197	8,896
Proportion of episodes	26.1%	18.8%	5.8%	12.4%	4.2%	14.1%	5.5%	10.4%	2.2%	100.0%
Sector (%)										
Private	*29.3%*	*24.5%*	*17.0%*	*23.9%*	*9.1%*	*17.9%*	*9.0%*	*10.7%*	*4.1%*	*20.9%*
Public	*70.7%*	*75.5%*	*83.0%*	*76.1%*	*90.9%*	*82.1%*	*91.0%*	*89.3%*	*95.9%*	*79.1%*
Gender (%)										
Female	*44.1%*	*43.8%*	*41.6%*	*48.7%*	*38.6%*	*50.0%*	*36.9%*	*50.1%*	*33.5%*	*45.0%*
Male	*55.9%*	*56.2%*	*58.4%*	*51.3%*	*61.4%*	*50.0%*	*63.1%*	*49.9%*	*66.5%*	*55.0%*
Age (Mean+95%CI)	71.2 (70.6-71.8)	73.3 (72.6-74.0)	73.0 (71.8-74.2)	80.7 (80.3-81.1)	56.3 (55.3-57.3)	80.8 (80.4-81.2)	56.1 (55.3-57.0)	79.5 (79.0-80.0)	53.7 (52.3-55.1)	73.2 (73.0-73.5)
Admission FIM (Mean+95%CI)	101.3 (100.8-101.8)	90.3 (89.7-90.8)	78.2 (77.1-79.3)	66.9 (66.3-67.4)	68.4 (67.4-69.3)	48.3 (47.6-48.9)	49.1 (48.1-50.2)	29.3 (28.6-29.9)	29.0 (27.5-30.5)	75.3 (74.7-75.9)
LOS (Mean+95%CI)	15.4 (14.8-16.0)	19.4 (18.8-20.0)	26.3 (24.5-28.0)	28.0 (27.0-29.0)	34.7 (32.0-37.3)	41.2 (39.7-42.7)	56.8 (53.4-60.2)	45.5 (43.3-47.7)	81.1 (72.1-90.0)	28.3 (27.8-28.9)
Discharge destination (%)										
Discharged to community	*93.1%*	*90.2%*	*81.7%*	*82.7%*	*86.6%*	*75.0%*	*78.8%*	*62.2%*	*58.5%*	*83.1%*
Remaining in hospital system	*6.9%*	*9.8%*	*18.3%*	*17.3%*	*13.4%*	*25.0%*	*21.2%*	*37.8%*	*41.5%*	*16.9%*
FIM change (Mean+95%CI)	15.1 (14.7-15.6)	18.0 (17.4-18.5)	21.5 (20.2-22.8)	27.5 (26.6-28.5)	34.7 (33.0-36.3)	29.1 (27.9-30.4)	42.2 (40.2-44.2)	21.9 (20.1-23.8)	39.6 (34.8-44.4)	22.7 (22.3-23.1)
FIM efficiency (FIM change/LOS)	1.0	0.9	0.8	1.0	1.0	0.7	0.7	0.5	0.5	0.8

Stroke discharge destination by AN-SNAP class

Discharge destination - Stroke

Stroke LOS and FIM change by AN-SNAP class

LOS and FIM change by AN-SNAP class
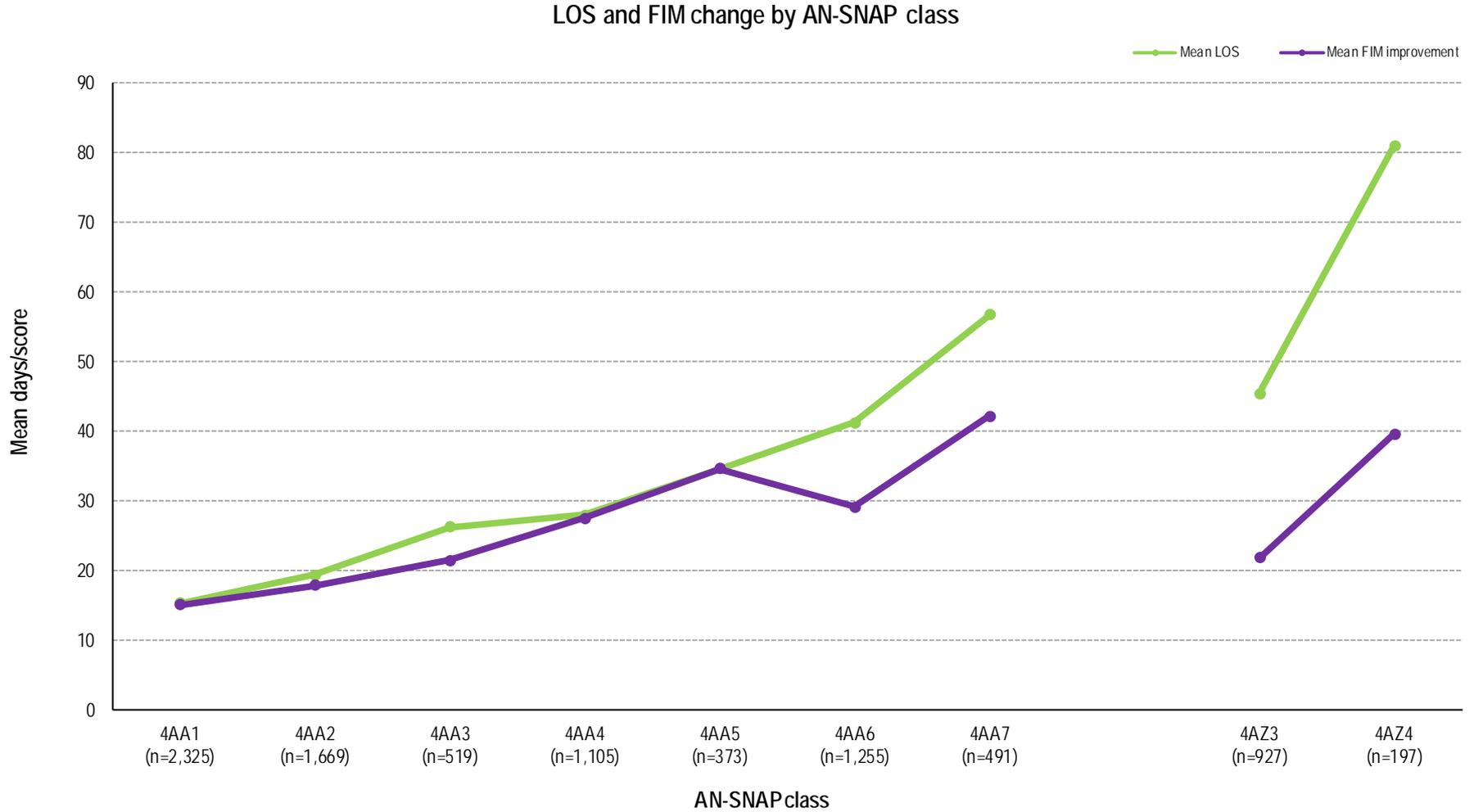
Change in outcome measures in stroke, 2014 to 2015

Difference from 2014 data - All Stroke

2014	
Age (years)	73.1
Length of stay (days)	28.5
FIM admission score	76.1
FIM discharge score	98.3
FIM change (adm to disch)	22.2
FIM efficiency (per week)	5.4
Disch to community (%)	83.7

2014 (n = 8,555)
2015 (n = 8,896)

Lower than 2014 data

Higher than 2014 data

Brain dysfunction episodes over time

Number of episodes by quarter - Brain dysfunction

Brain dysfunction casemix over time – Specialist facilities

Specialist Facilities

Brain dysfunction casemix over time – Non specialist facilities

Non Specialist Facilities
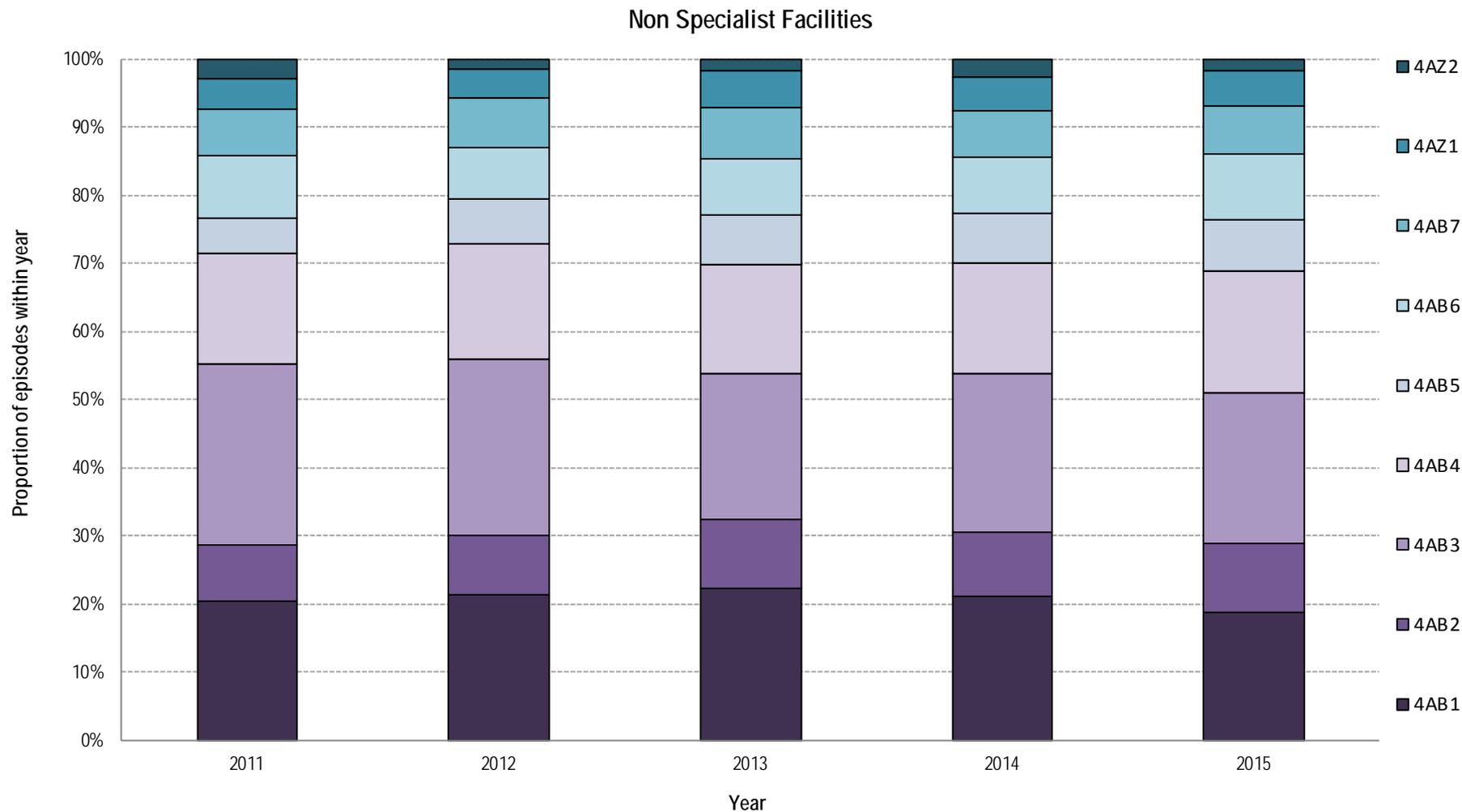
Brain dysfunction episodes in 2015 - Specialist facilities

| AN-SNAP class:	4AB1	4AB2	4AB3	4AB4	4AB5	4AB6	4AB7	4AZ1	4AZ2	All Brain dysfunction
Number of episodes	191	196	108	96	58	56	45	42	64	859
Proportion of episodes	22.2%	22.8%	12.6%	11.2%	6.8%	6.5%	5.2%	4.9%	7.5%	100.0%
Sector (%)										
Private	*20.9%*	*7.1%*	*43.5%*	*15.6%*	*17.2%*	*8.9%*	*6.7%*	*4.8%*	*6.3%*	*16.3%*
Public	*79.1%*	*92.9%*	*56.5%*	*84.4%*	*82.8%*	*91.1%*	*93.3%*	*95.2%*	*93.8%*	*83.7%*
Gender (%)										
Female	*36.1%*	*26.5%*	*40.7%*	*36.5%*	*39.7%*	*25.0%*	*26.7%*	*33.3%*	*29.7%*	*32.9%*
Male	*63.9%*	*73.5%*	*59.3%*	*63.5%*	*60.3%*	*75.0%*	*73.3%*	*66.7%*	*70.3%*	*67.1%*
Age (Mean+95%CI)	48.7 (46.1-51.2)	43.8 (41.6-45.9)	58.5 (54.6-62.3)	49.2 (45.3-53.1)	47.1 (41.9-52.2)	49.8 (44.9-54.7)	51.5 (46.0-57.0)	59.2 (56.7-61.7)	31.8 (29.3-34.2)	48.3 (47.0-49.5)
Admission FIM (Mean+95%CI)	112.4 (111.3-113.5)	102.4 (101.0-103.9)	86.0 (84.1-87.9)	77.7 (75.9-79.5)	66.1 (63.5-68.7)	48.7 (46.5-50.9)	35.4 (32.8-38.0)	21.1 (19.3-22.9)	23.6 (21.7-25.5)	83.9 (81.7-86.1)
LOS (Mean+95%CI)	13.9 (12.8-15.1)	26.9 (23.3-30.5)	22.6 (20.0-25.3)	31.1 (26.5-35.7)	55.4 (42.3-68.6)	61.0 (47.7-74.3)	65.9 (51.7-80.0)	11.5 (86.7-136.3)	2.3 (116.3-188.4)	38.7 (35.1-42.4)
Discharge destination (%)										
Discharged to community	*88.0%*	*80.0%*	*68.0%*	*53.4%*	*55.1%*	*47.3%*	*34.1%*	*24.4%*	*51.4%*	*62.2%*
Remaining in hospital system	*12.0%*	*20.0%*	*32.0%*	*46.6%*	*44.9%*	*52.7%*	*65.9%*	*75.6%*	*48.6%*	*37.8%*
FIM change (Mean+95%CI)	9.1 (8.1-10.2)	13.8 (12.4-15.2)	27.0 (24.6-29.4)	36.4 (33.9-38.8)	37.5 (32.6-42.3)	46.5 (39.5-53.4)	48.5 (36.7-60.3)	46.5 (32.5-60.5)	48.4 (37.2-59.5)	25.2 (23.6-26.9)
FIM efficiency (FIM change/LOS)	0.7	0.5	1.2	1.2	0.7	0.8	0.7	0.4	0.3	0.7

Brain dysfunction episodes in 2015 - Non specialist facilities

AN-SNAP class:	4AB1	4AB2	4AB3	4AB4	4AB5	4AB6	4AB7	4AZ1	4AZ2	All Brain dysfunction
Number of episodes	338	181	394	318	138	170	127	94	31	1,798
Proportion of episodes	18.8%	10.1%	21.9%	17.7%	7.7%	9.5%	7.1%	5.2%	1.7%	100.0%
Sector (%)										
Private	*32.0%*	*21.0%*	*41.9%*	*38.1%*	*24.6%*	*25.9%*	*23.6%*	*19.1%*	*22.6%*	*31.4%*
Public	*68.0%*	*79.0%*	*58.1%*	*61.9%*	*75.4%*	*74.1%*	*76.4%*	*80.9%*	*77.4%*	*68.6%*
Gender (%)										
Female	*45.0%*	*35.4%*	*52.3%*	*47.2%*	*42.8%*	*43.5%*	*44.9%*	*45.7%*	*25.8%*	*45.3%*
Male	*55.0%*	*64.6%*	*47.7%*	*52.8%*	*57.2%*	*56.5%*	*55.1%*	*54.3%*	*74.2%*	*54.7%*
Age (Mean+95%CI)	60.9 (58.9-62.9)	57.3 (54.7-60.0)	71.4 (70.0-72.8)	71.0 (69.2-72.8)	70.0 (67.6-72.5)	67.4 (64.6-70.2)	67.1 (64.2-70.0)	67.8 (65.4-70.3)	35.4 (32.5-38.2)	66.4 (65.6-67.2)
Admission FIM (Mean+95%CI)	108.9 (108.1-109.8)	98.6 (97.3-99.9)	88.1 (87.2-89.0)	77.3 (76.3-78.4)	64.0 (62.4-65.6)	52.5 (51.0-53.9)	39.3 (37.3-41.2)	25.8 (23.8-27.9)	22.8 (19.8-25.7)	81.2 (79.9-82.4)
LOS (Mean+95%CI)	12.9 (12.0-13.8)	23.6 (18.3-29.0)	18.8 (17.4-20.2)	23.1 (21.4-24.8)	27.3 (23.3-31.4)	32.3 (28.8-35.7)	44.1 (38.0-50.2)	64.0 (46.3-81.7)	64.4 (44.2-84.6)	24.1 (22.9-25.4)
Discharge destination (%)										
Discharged to community	*92.8%*	*78.9%*	*88.0%*	*79.3%*	*72.4%*	*72.6%*	*57.1%*	*39.8%*	*36.8%*	*77.2%*
Remaining in hospital system	*7.2%*	*21.1%*	*12.0%*	*20.7%*	*27.6%*	*27.4%*	*42.9%*	*60.2%*	*63.2%*	*22.8%*
FIM change (Mean+95%CI)	9.9 (9.1-10.7)	13.3 (11.9-14.6)	21.5 (20.4-22.6)	24.6 (23.0-26.2)	29.2 (26.2-32.2)	32.5 (28.9-36.1)	34.5 (29.0-40.1)	31.1 (23.0-39.2)	42.0 (26.2-57.8)	21.6 (20.7-22.4)
FIM efficiency (FIM change/LOS)	0.8	0.6	1.1	1.1	1.1	1.0	0.8	0.5	0.7	0.9

Brain dysfunction discharge destination by AN-SNAP Class – Specialist facilities

Specialist - Discharge destination - Brain dysfunction
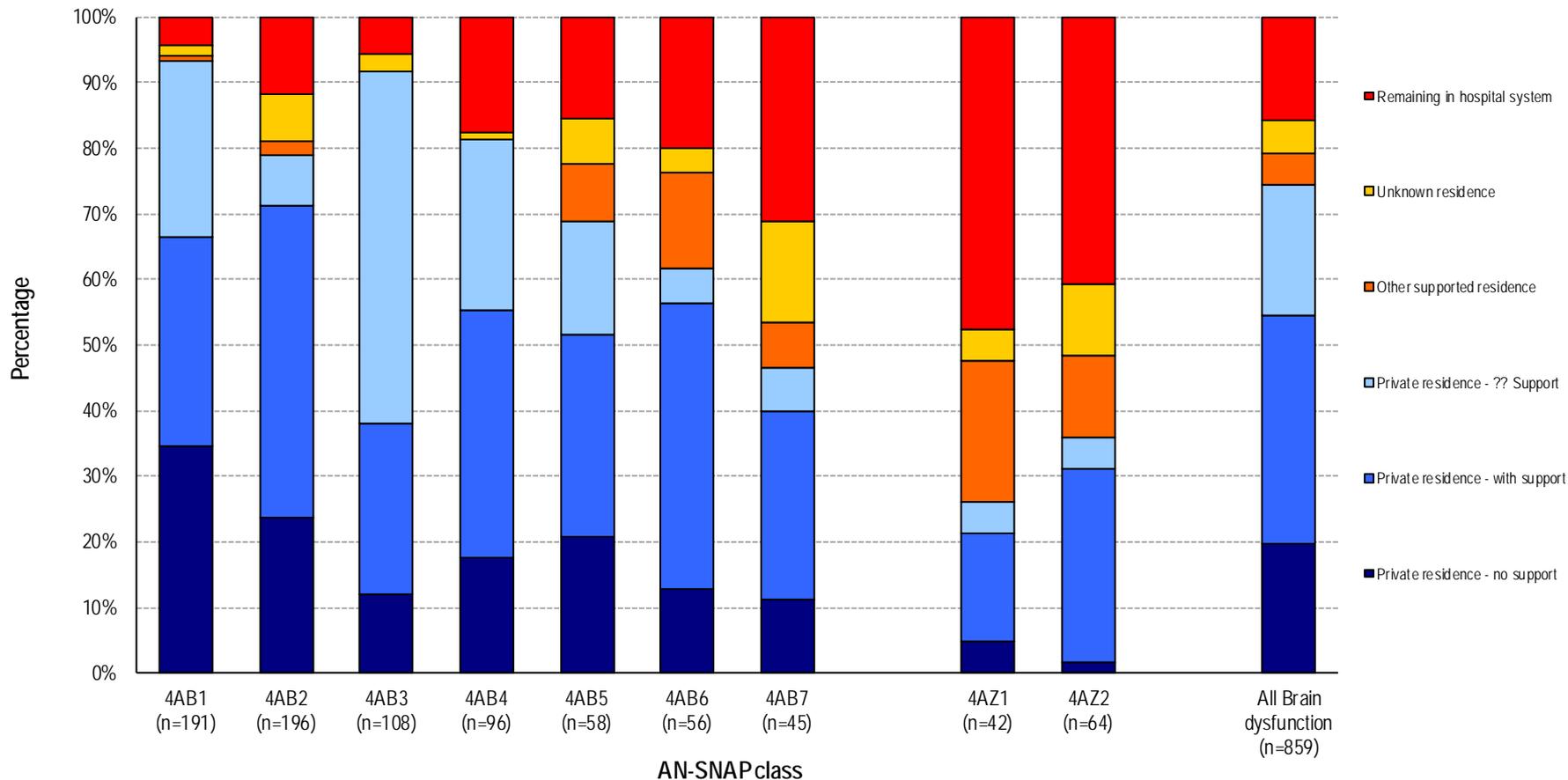
Brain dysfunction discharge destination by AN-SNAP Class – Non specialist facilities

Non specialist - Discharge destination - Brain dysfunction
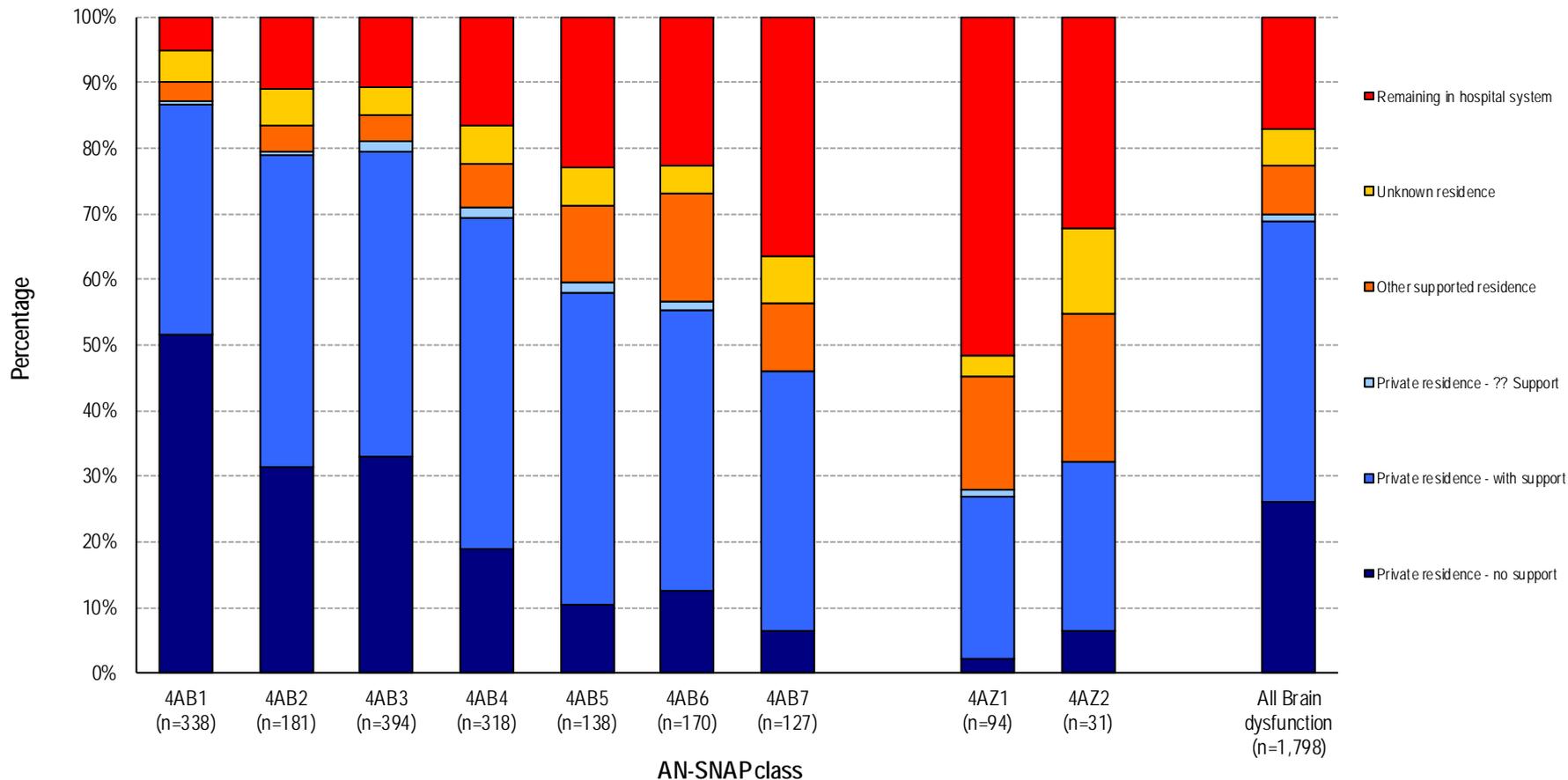
Brain dysfunction LOS and FIM change by AN-SNAP Class – Specialist facilities

Specialist - LOS and FIM change by AN-SNAP class

Brain dysfunction LOS and FIM change by AN-SNAP Class – Non specialist facilities

Non specialist - LOS and FIM change by AN-SNAP class
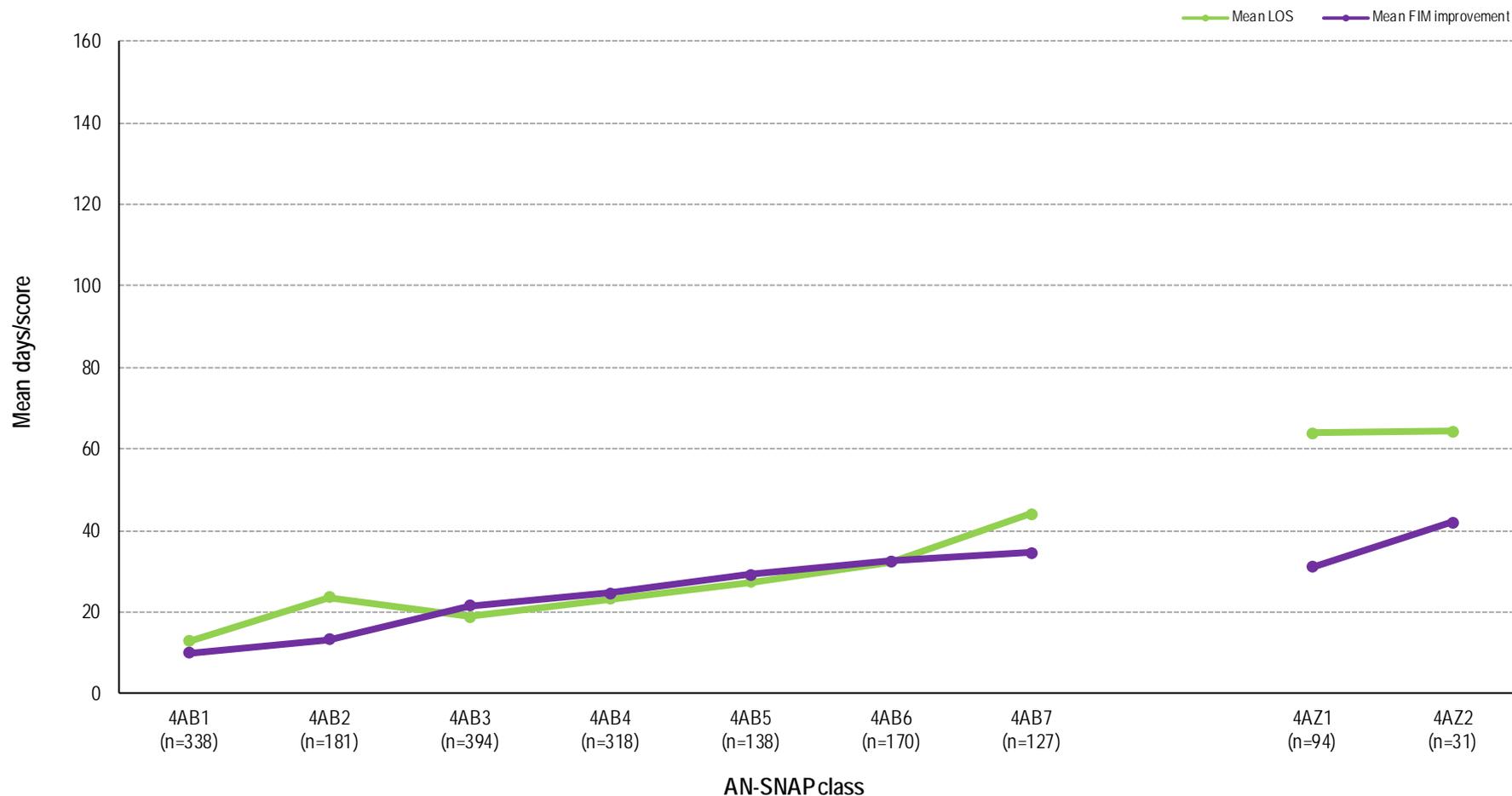
Change in outcome measures in brain dysfunction, 2014 to 2015 - Specialist facilities

Specialist - Difference from 2014 data - All Brain dysfunction

Change in outcome measures in brain dysfunction, 2014 to 2015 - Non specialist facilities

Non specialist - Difference from 2014 data - All Brain dysfunction

2014

	2014
Age (years)	66.8
Length of stay (days)	24.3
FIM admission score	82.1
FIM discharge score	101.9
FIM change (adm to disch)	19.9
FIM efficiency (per week)	5.7
Disch to community (%)	80.2

2014 (n = 1,712)
2015 (n = 1,798)

Lower than 2014 data   Higher than 2014 data
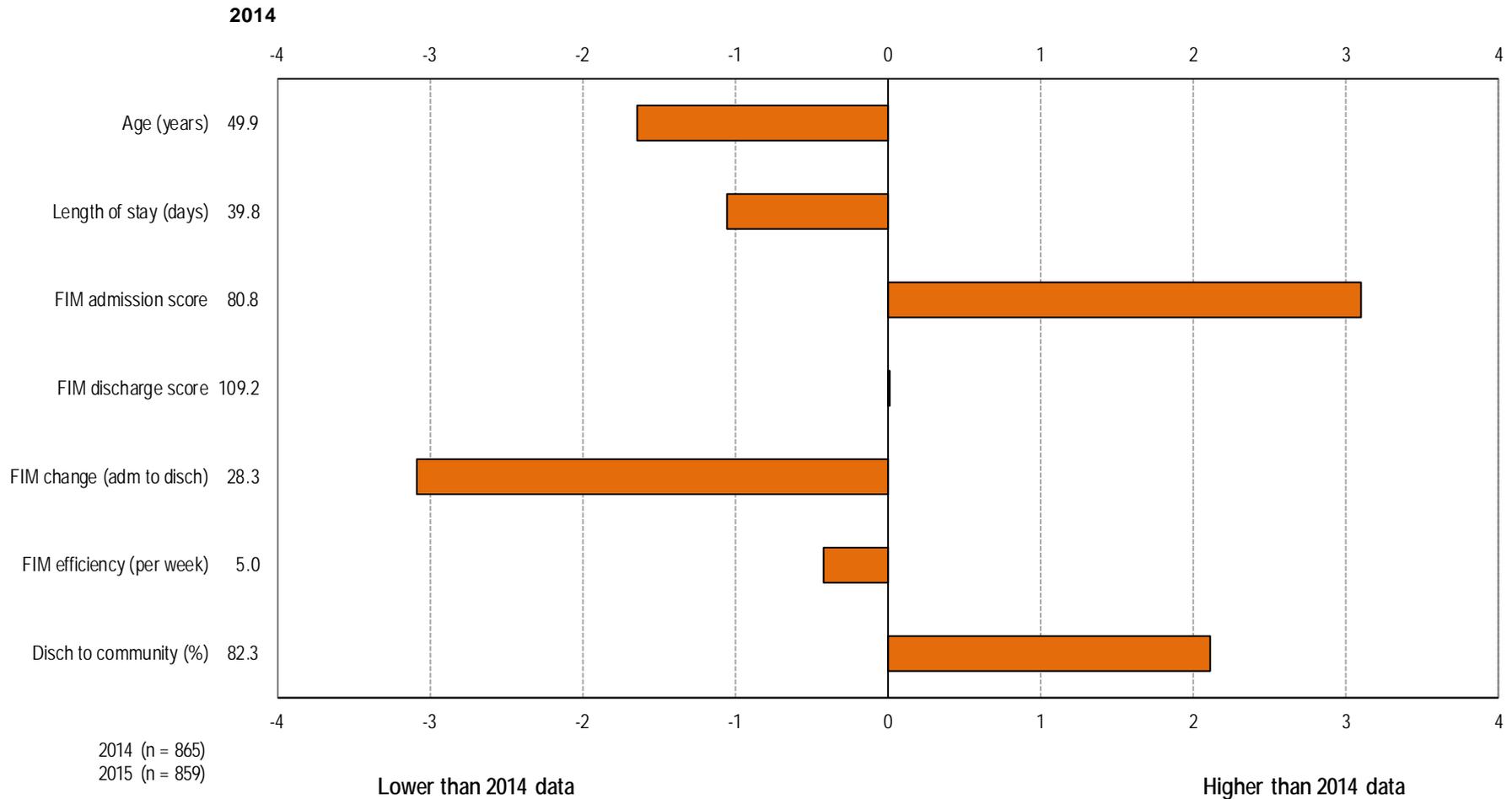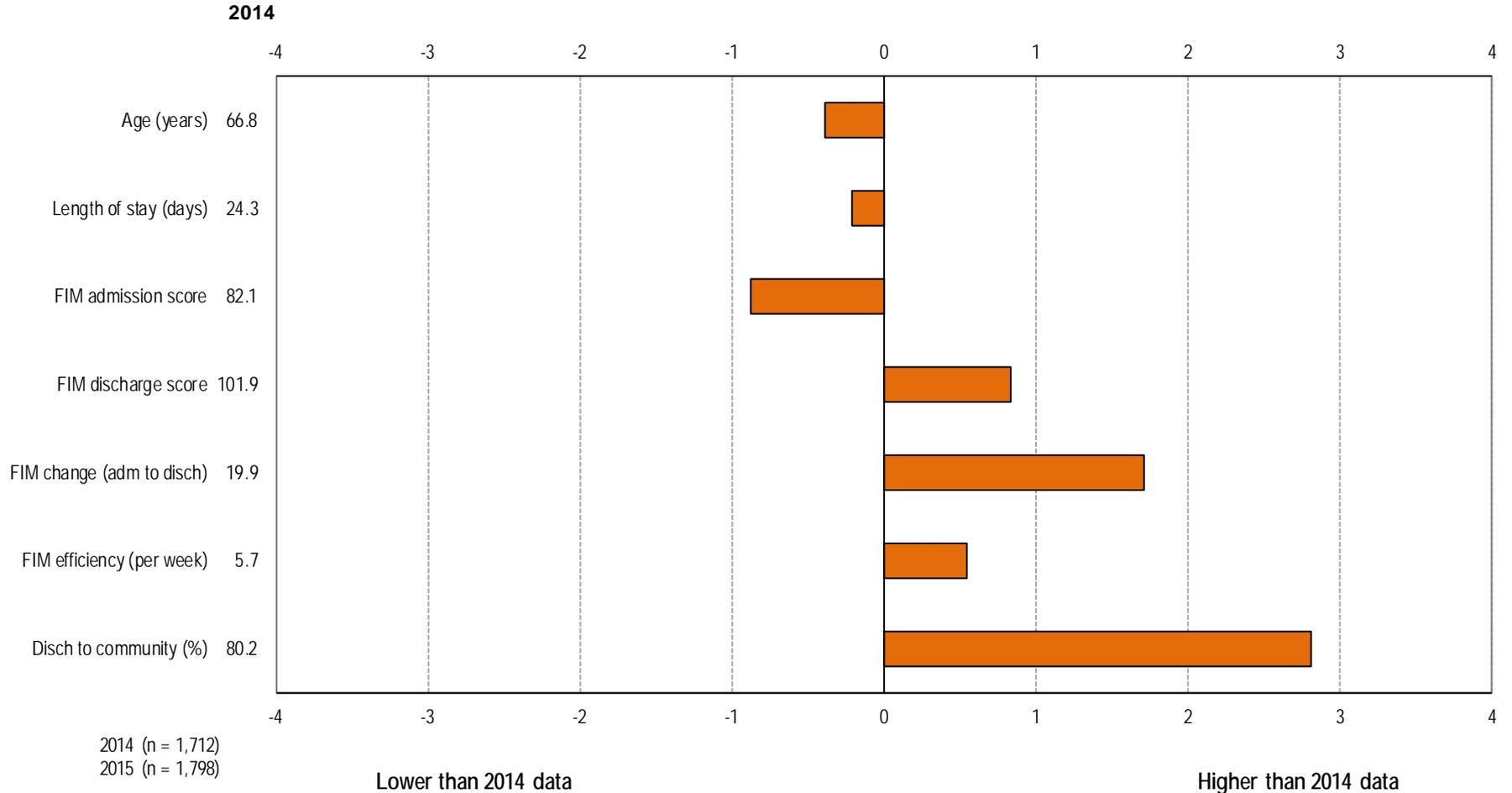
Neurological conditions episodes over time

Number of episodes by quarter - Neurological conditions
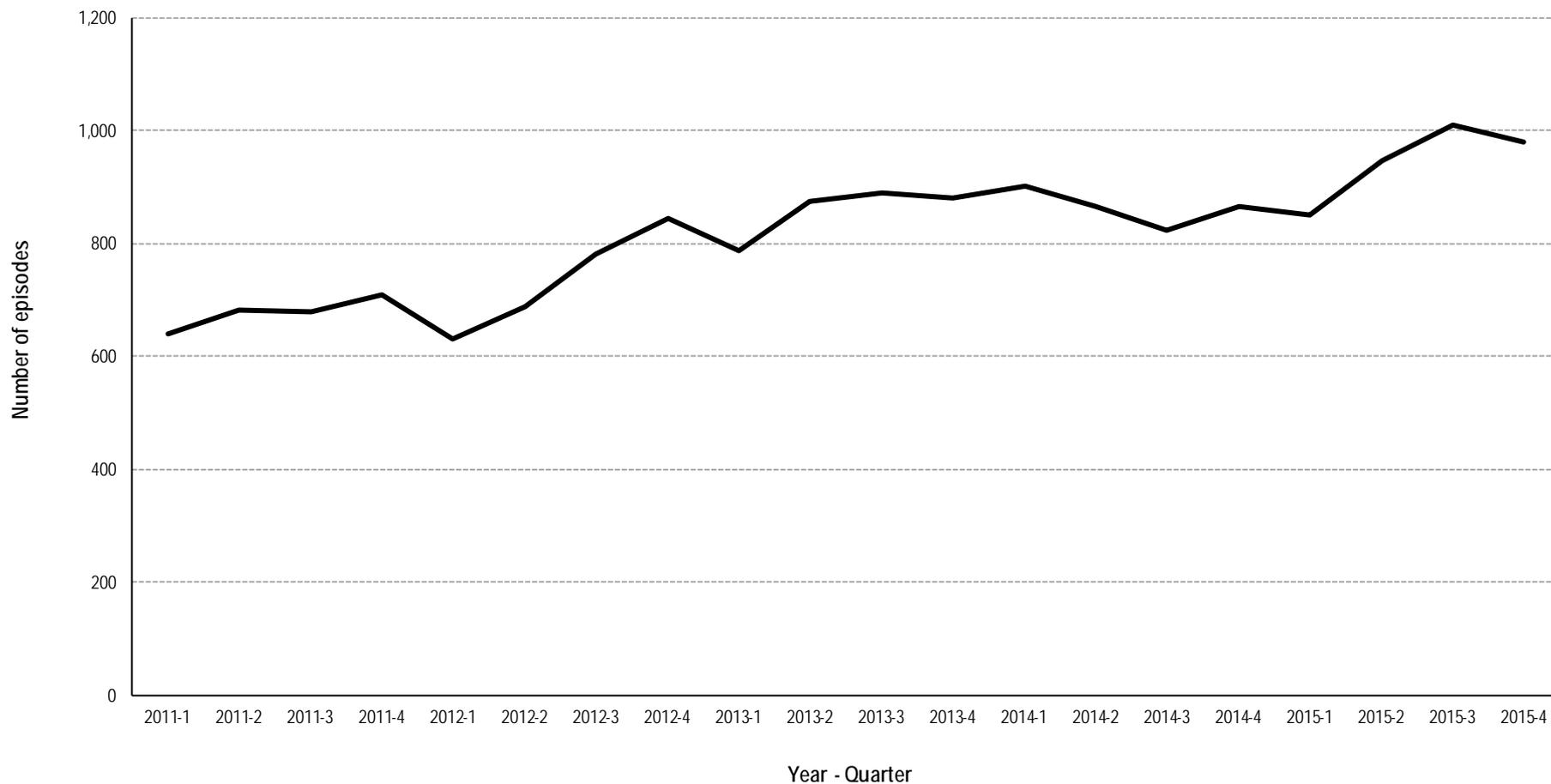
Neurological conditions casemix over time
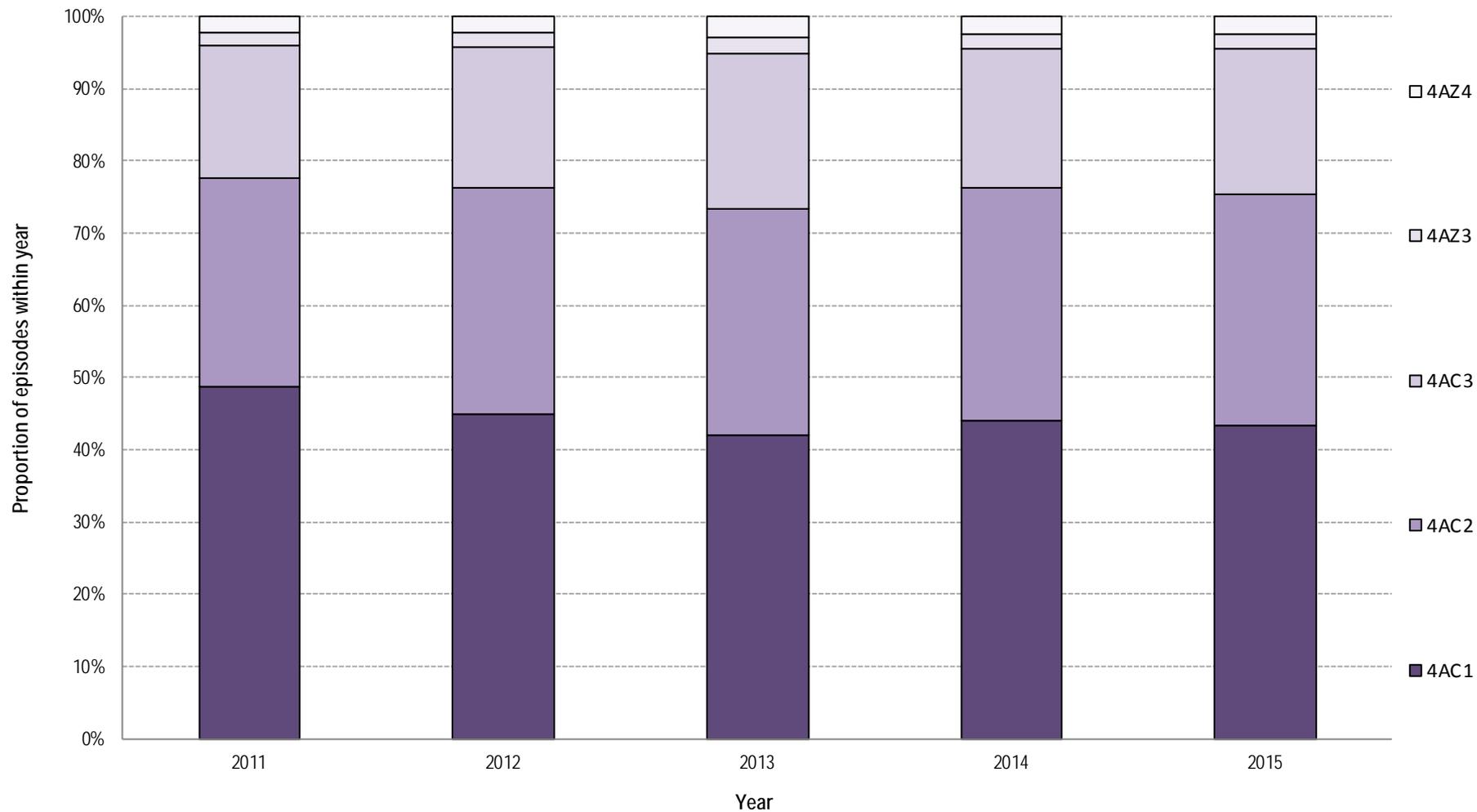
Neurological conditions episodes in 2015

AN-SNAP class:	4AC1	4AC2	4AC3	4AZ3	4AZ4	All Neurological conditions
Number of episodes	1,639	1,208	761	78	91	3,787
Proportion of episodes	43.3%	31.9%	20.1%	2.1%	2.4%	100.0%
Sector (%)						
Private	*52.2%*	*49.0%*	*31.4%*	*25.6%*	*19.8%*	*45.6%*
Public	*47.8%*	*51.0%*	*68.6%*	*74.4%*	*80.2%*	*54.4%*
Gender (%)						
Female	*51.4%*	*49.3%*	*48.5%*	*43.6%*	*53.8%*	*50.0%*
Male	*48.6%*	*50.7%*	*51.5%*	*56.4%*	*46.2%*	*50.0%*
Age (Mean+95%CI)	64.3 (63.5-65.1)	70.0 (69.1-70.9)	66.5 (65.4-67.7)	78.0 (76.1-79.8)	45.6 (42.9-48.3)	66.4 (65.9-67.0)
Admission FIM (Mean+95%CI)	101.9 (101.5-102.4)	80.1 (79.6-80.6)	57.8 (56.9-58.7)	34.0 (31.2-36.9)	38.7 (36.4-41.1)	84.4 (83.7-85.1)
LOS (Mean+95%CI)	14.3 (13.8-14.8)	20.2 (19.4-21.0)	32.4 (30.1-34.6)	45.9 (33.5-58.2)	60.8 (44.5-77.2)	21.0 (20.2-21.7)
Discharge destination (%)						
Discharged to community	*93.8%*	*89.2%*	*79.7%*	*65.8%*	*79.1%*	*88.6%*
Remaining in hospital system	*6.2%*	*10.8%*	*20.3%*	*34.2%*	*20.9%*	*11.4%*
FIM change (Mean+95%CI)	12.2 (11.8-12.6)	19.7 (19.0-20.4)	22.2 (20.7-23.6)	27.7 (20.1-35.3)	24.1 (18.0-30.1)	16.9 (16.5-17.4)
FIM efficiency (FIM change/LOS)	0.9	1.0	0.7	0.6	0.4	0.8

Neurological conditions discharge destination by AN-SNAP class

Discharge destination - Neurological conditions

Neurological conditions LOS and FIM change by AN-SNAP class
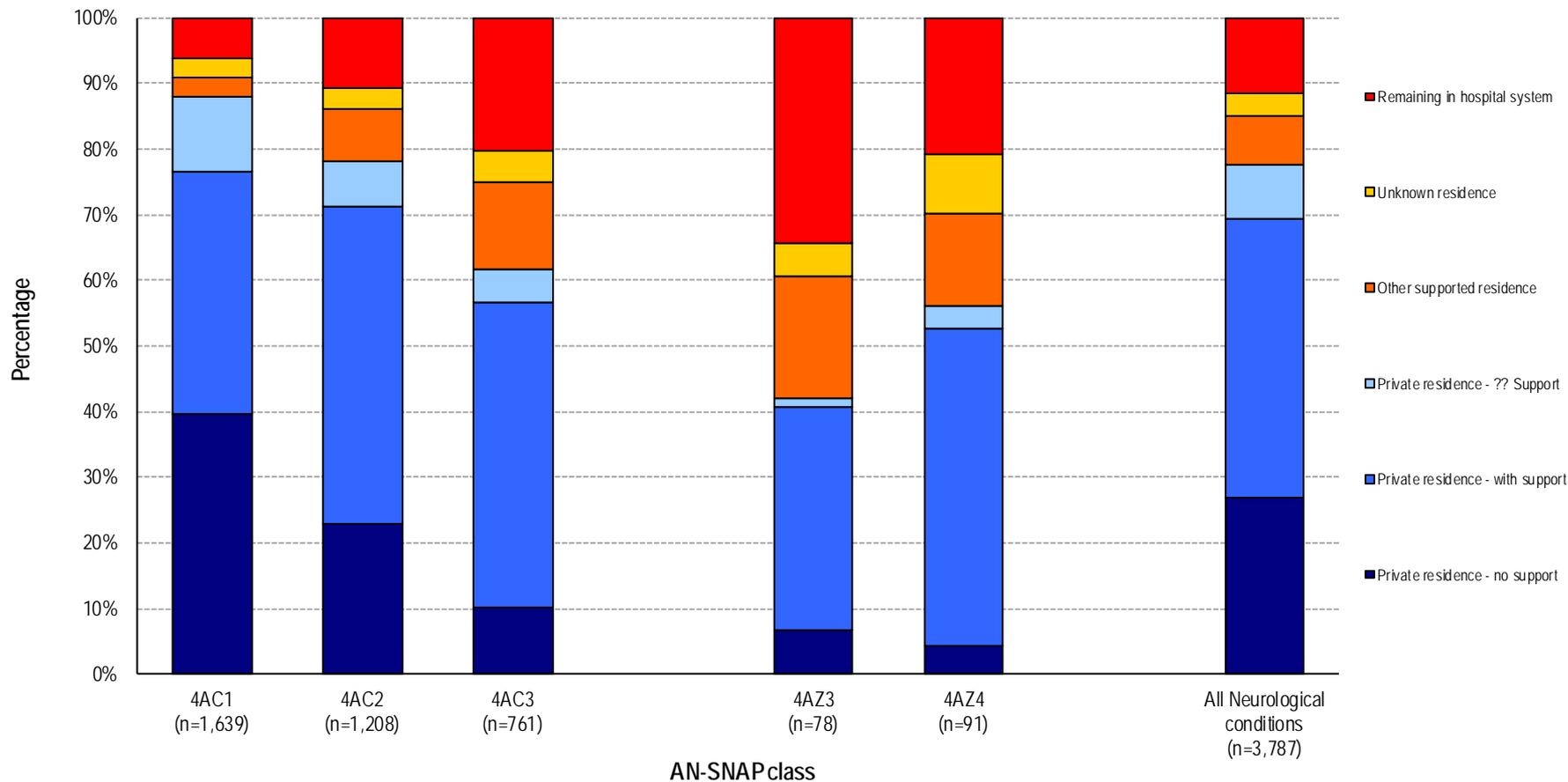
LOS and FIM change by AN-SNAP class
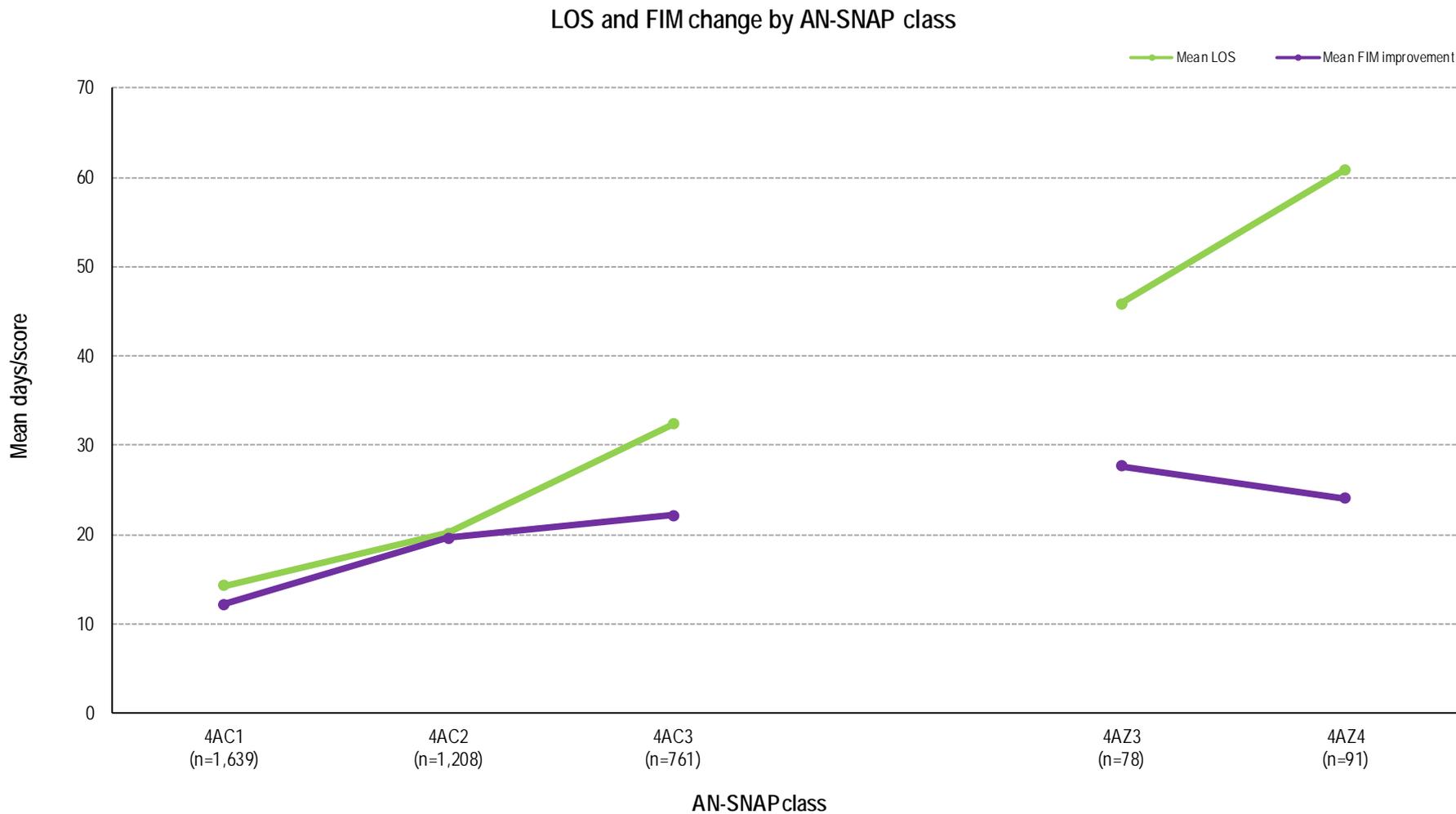
Change in outcome measures in neurological conditions, 2014 to 2015

Difference from 2014 data - All Neurological conditions
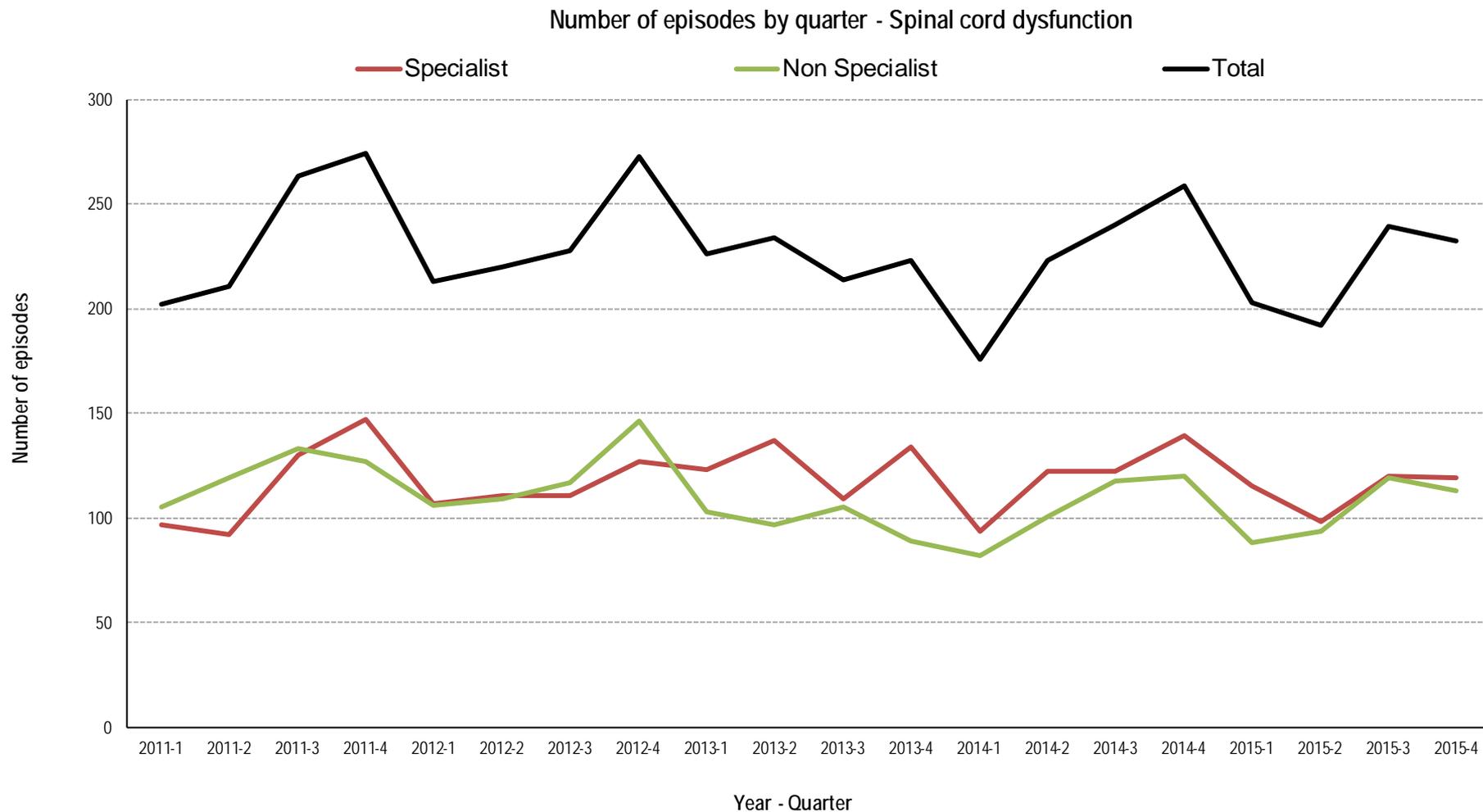
2014

	2014
Age (years)	66.4
Length of stay (days)	20.5
FIM admission score	84.3
FIM discharge score	101.0
FIM change (adm to disch)	16.7
FIM efficiency (per week)	5.7
Disch to community (%)	89.4

2014 (n = 3,453)
2015 (n = 3,787)

Lower than 2014 data

Higher than 2014 data

Spinal cord dysfunction episodes over time

Number of episodes by quarter - Spinal cord dysfunction

Spinal cord dysfunction casemix over time – Specialist facilities

Specialist Facilities

Spinal cord dysfunction casemix over time – Non specialist facilities
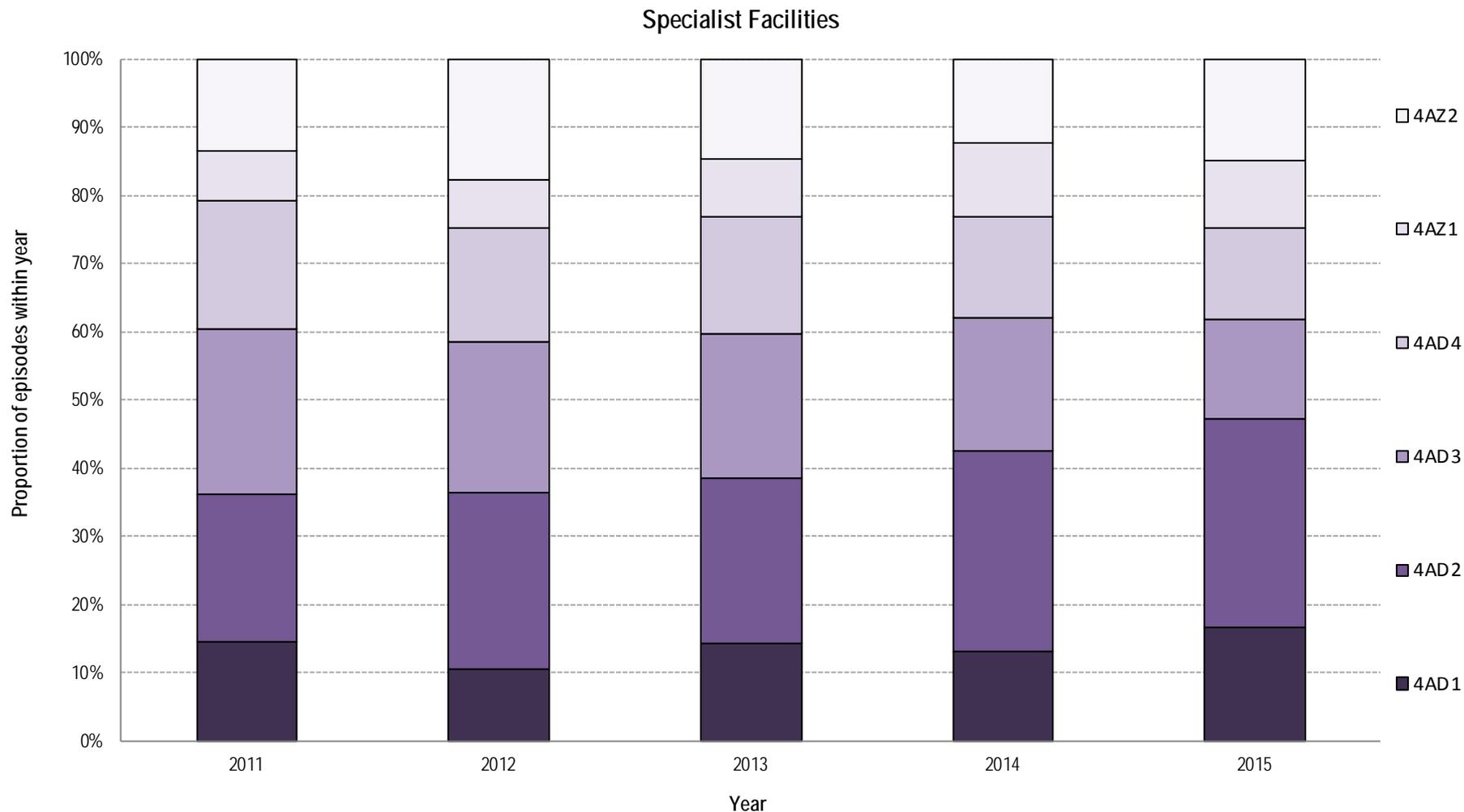
Non Specialist Facilities
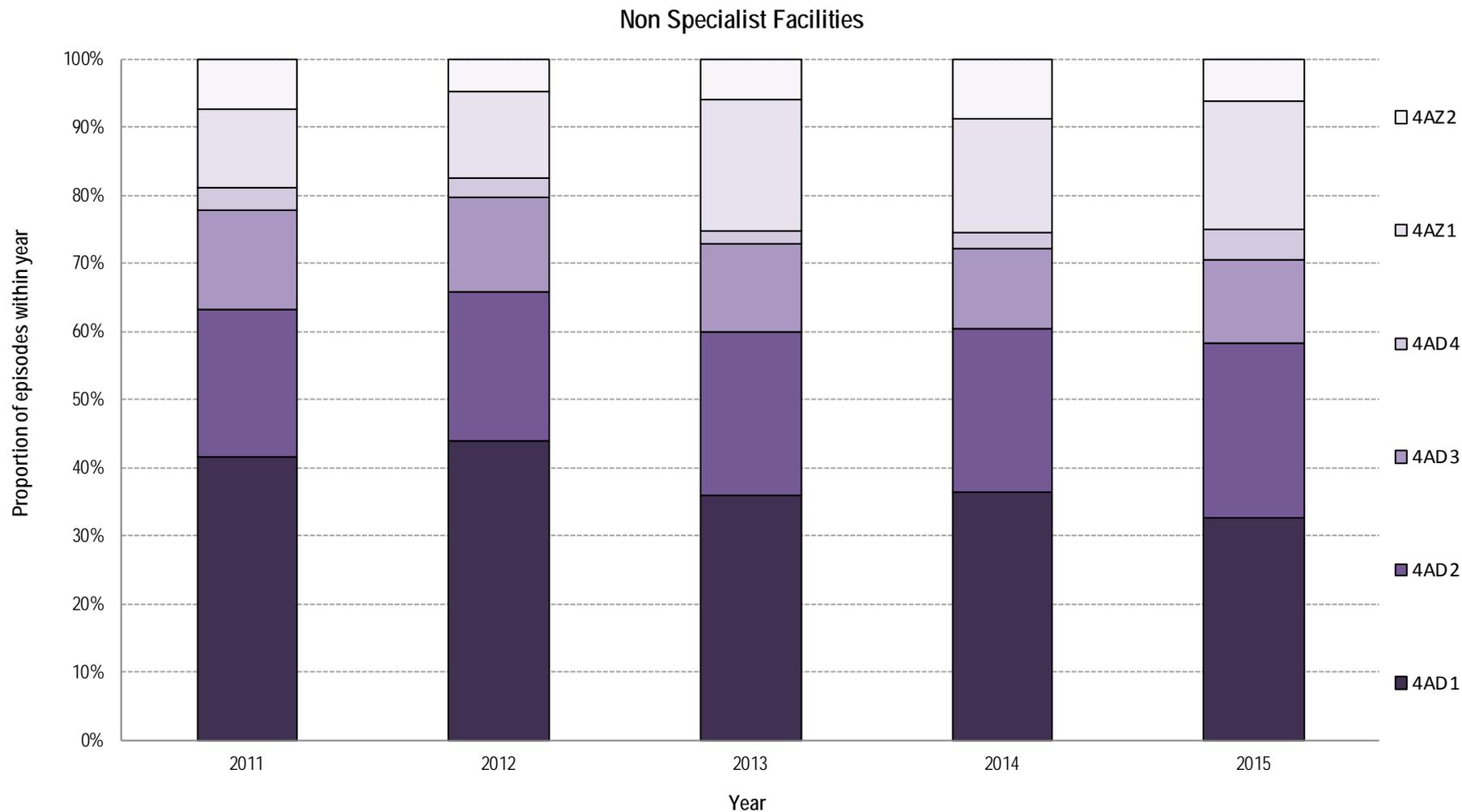
Spinal cord dysfunction episodes in 2015 - Specialist facilities

AN-SNAP class:	4AD1	4AD2	4AD3	4AD4	4AZ1	4AZ2	All Spinal cord dysfunction
Number of episodes	71	131	62	57	78	53	452
Proportion of episodes	15.7%	29.0%	13.7%	12.6%	17.3%	11.7%	100.0%
Sector (%)							
Private	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*
Public	*100.0%*	*100.0%*	*100.0%*	*100.0%*	*100.0%*	*100.0%*	*100.0%*
Gender (%)							
Female	*33.8%*	*39.7%*	*25.8%*	*29.8%*	*29.5%*	*9.4%*	*30.3%*
Male	*66.2%*	*60.3%*	*74.2%*	*70.2%*	*70.5%*	*90.6%*	*69.7%*
Age (Mean+95%CI)	63.1 (60.9-65.3)	67.4 (65.8-69.0)	35.1 (32.7-37.6)	34.1 (31.8-36.5)	66.2 (63.9-68.5)	33.2 (30.4-36.1)	53.9 (52.2-55.6)
Admission FIM (Mean+95%CI)	93.7 (91.1-96.3)	60.9 (59.2-62.6)	95.2 (91.1-99.2)	61.1 (59.5-62.7)	44.2 (41.7-46.7)	48.9 (47.8-50.1)	68.3 (66.0-70.6)
LOS (Mean+95%CI)	47.9 (34.0-61.8)	87.6 (75.7-99.4)	35.8 (27.1-44.6)	92.3 (74.8-109.8)	27.5 (106.7-148.3)	44.5 (114.6-174.4)	85.3 (77.7-92.9)
Discharge destination (%)							
Discharged to community	*60.8%*	*54.0%*	*87.7%*	*77.8%*	*55.9%*	*73.2%*	*64.1%*
Remaining in hospital system	*39.2%*	*46.0%*	*12.3%*	*22.2%*	*44.1%*	*26.8%*	*35.9%*
FIM change (Mean+95%CI)	17.4 (13.7-21.1)	33.6 (29.6-37.6)	19.0 (15.4-22.5)	42.8 (37.3-48.3)	28.4 (20.9-35.8)	27.2 (18.8-35.5)	28.2 (25.9-30.5)
FIM efficiency (FIM change/LOS)	0.4	0.4	0.5	0.5	0.2	0.2	0.3

Spinal cord dysfunction episodes in 2015 - Non specialist facilities

AN-SNAP class:	4AD1	4AD2	4AD3	4AD4	4AZ1	4AZ2	All Spinal cord dysfunction
Number of episodes	163	127	61	22	31	8	414
Proportion of episodes	39.4%	30.7%	14.7%	5.3%	7.5%	1.9%	100.0%
Sector (%)							
Private	*22.7%*	*11.8%*	*21.3%*	*9.1%*	*6.5%*	*0.0%*	*16.7%*
Public	*77.3%*	*88.2%*	*78.7%*	*90.9%*	*93.5%*	*100.0%*	*83.3%*
Gender (%)							
Female	*39.9%*	*49.6%*	*49.2%*	*45.5%*	*38.7%*	*25.0%*	*44.4%*
Male	*60.1%*	*50.4%*	*50.8%*	*54.5%*	*61.3%*	*75.0%*	*55.6%*
Age (Mean+95%CI)	68.3 (66.6-69.9)	71.7 (69.7-73.6)	36.7 (34.4-38.9)	37.3 (33.7-40.8)	73.9 (69.6-78.2)	35.4 (27.3-43.5)	62.7 (61.0-64.4)
Admission FIM (Mean+95%CI)	95.0 (93.0-97.1)	59.6 (57.8-61.5)	97.4 (93.6-101.2)	59.8 (55.9-63.8)	40.2 (36.2-44.2)	49.5 (44.9-54.1)	80.4 (77.9-82.9)
LOS (Mean+95%CI)	19.9 (17.5-22.3)	48.0 (39.5-56.5)	24.5 (19.2-29.8)	75.9 (34.5-117.3)	60.6 (40.5-80.6)	35.3 (20.3-50.3)	33.2 (29.4-37.0)
Discharge destination (%)							
Discharged to community	*76.7%*	*49.7%*	*87.9%*	*53.3%*	*26.8%*	*25.0%*	*60.7%*
Remaining in hospital system	*23.3%*	*50.3%*	*12.1%*	*46.7%*	*73.2%*	*75.0%*	*39.3%*
FIM change (Mean+95%CI)	15.9 (14.2-17.7)	23.3 (19.6-27.0)	16.5 (13.2-19.9)	30.3 (18.2-42.5)	19.1 (10.8-27.3)	21.5 (-2.5-45.5)	18.9 (17.2-20.5)
FIM efficiency (FIM change/LOS)	0.8	0.5	0.7	0.4	0.3	0.6	0.6

Spinal cord dysfunction discharge destination by AN-SNAP class – Specialist facilities

Specialist - Discharge destination - Spinal cord dysfunction
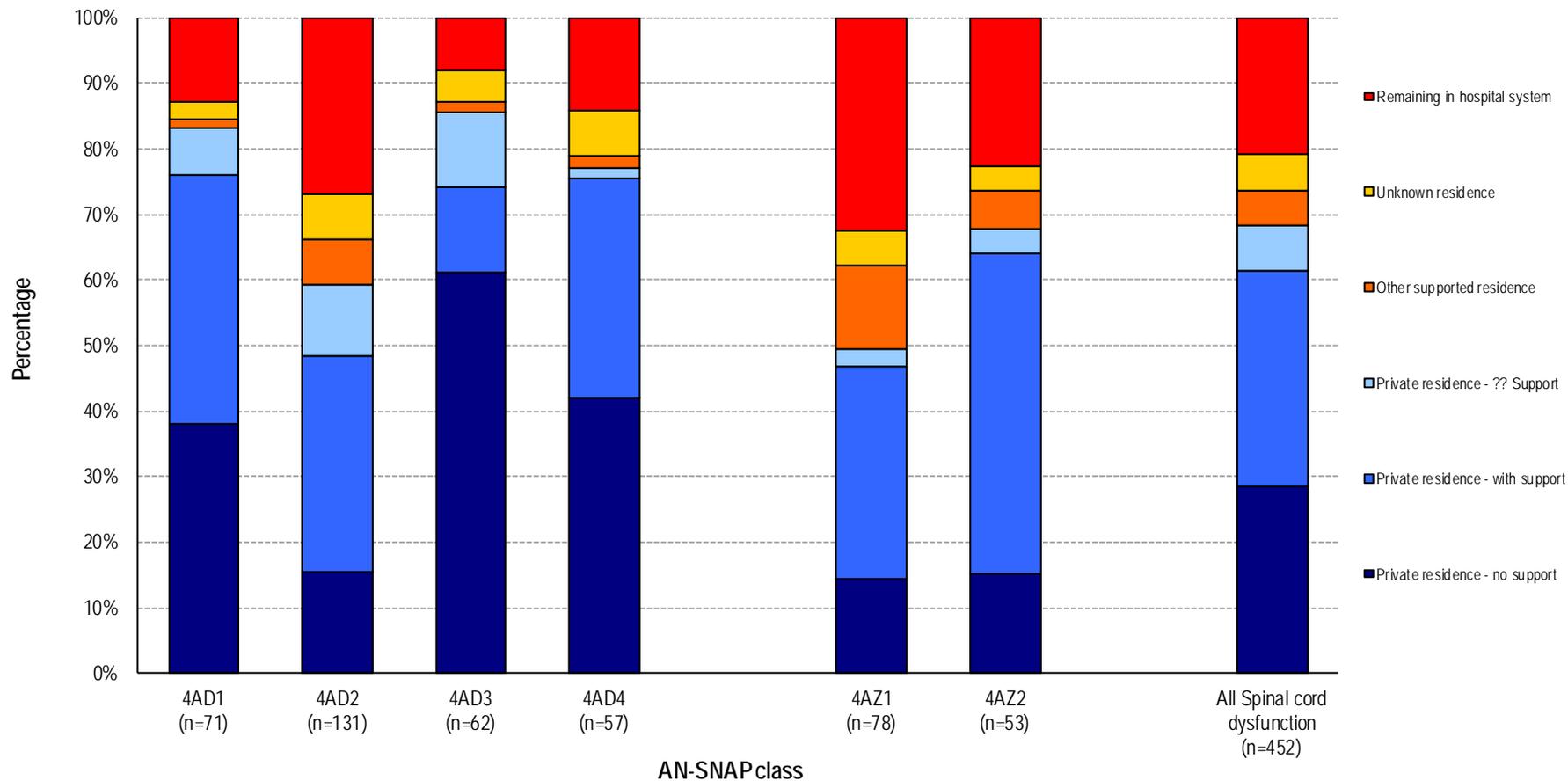
Spinal cord dysfunction discharge destination by AN-SNAP class – Non specialist facilities

Non specialist - Discharge destination - Spinal cord dysfunction
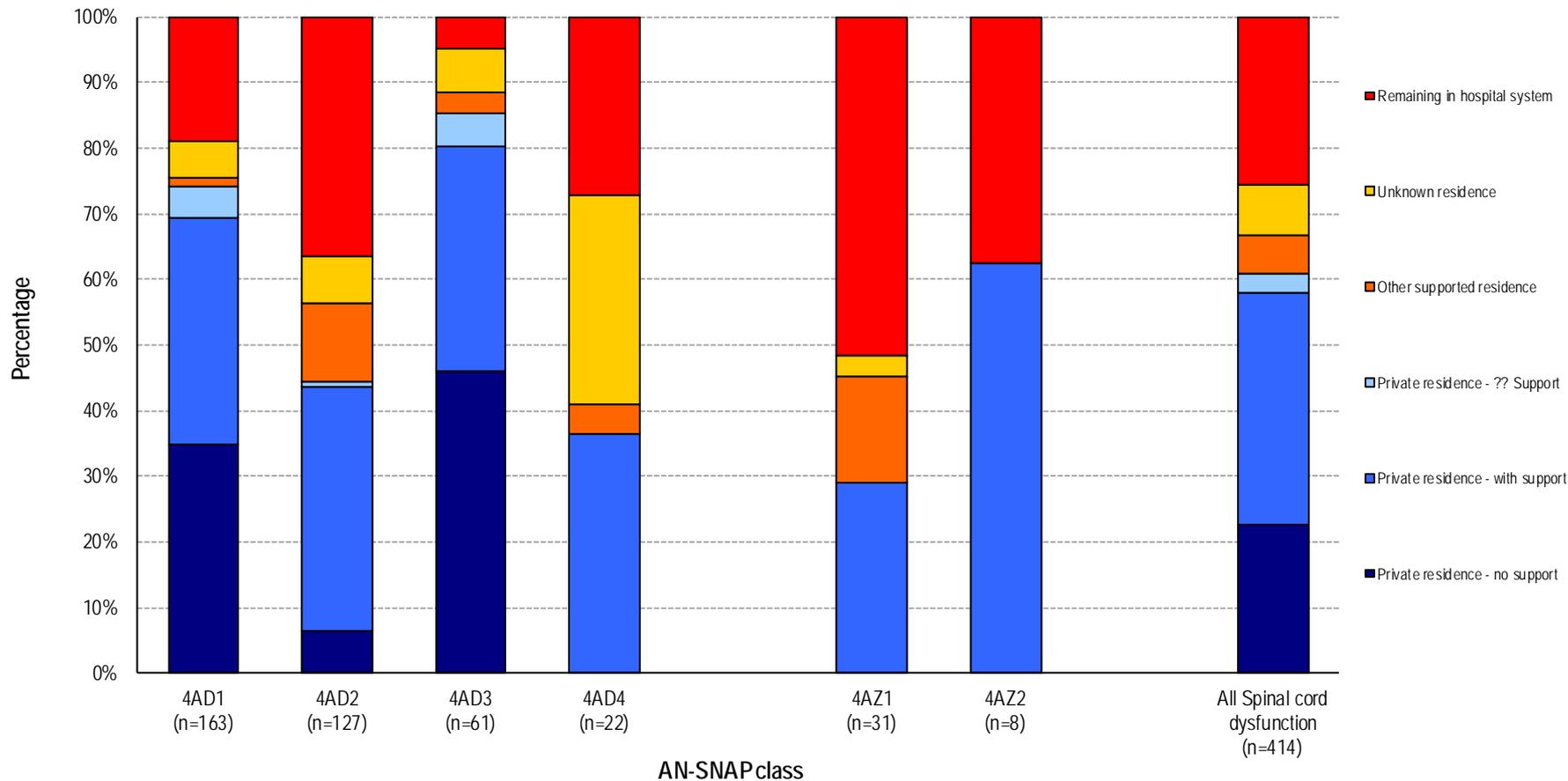
Spinal cord dysfunction LOS and FIM change by AN-SNAP class – Specialist facilities

Specialist - LOS and FIM change by AN-SNAP class

Spinal cord dysfunction LOS and FIM change by AN-SNAP class – Non specialist facilities

Non specialist - LOS and FIM change by AN-SNAP class

Change in outcome measures in spinal cord dysfunction, 2014 to 2015 - Specialist facilities

Specialist - Difference from 2014 data - All Spinal cord dysfunction

2014

Measure	2014 value
Age (years)	50.3
Length of stay (days)	83.0
FIM admission score	72.6
FIM discharge score	99.8
FIM change (adm to disch)	27.2
FIM efficiency (per week)	2.3
Disch to community (%)	79.8

2014 (n = 477)
2015 (n = 452)

Lower than 2014 data

Higher than 2014 data
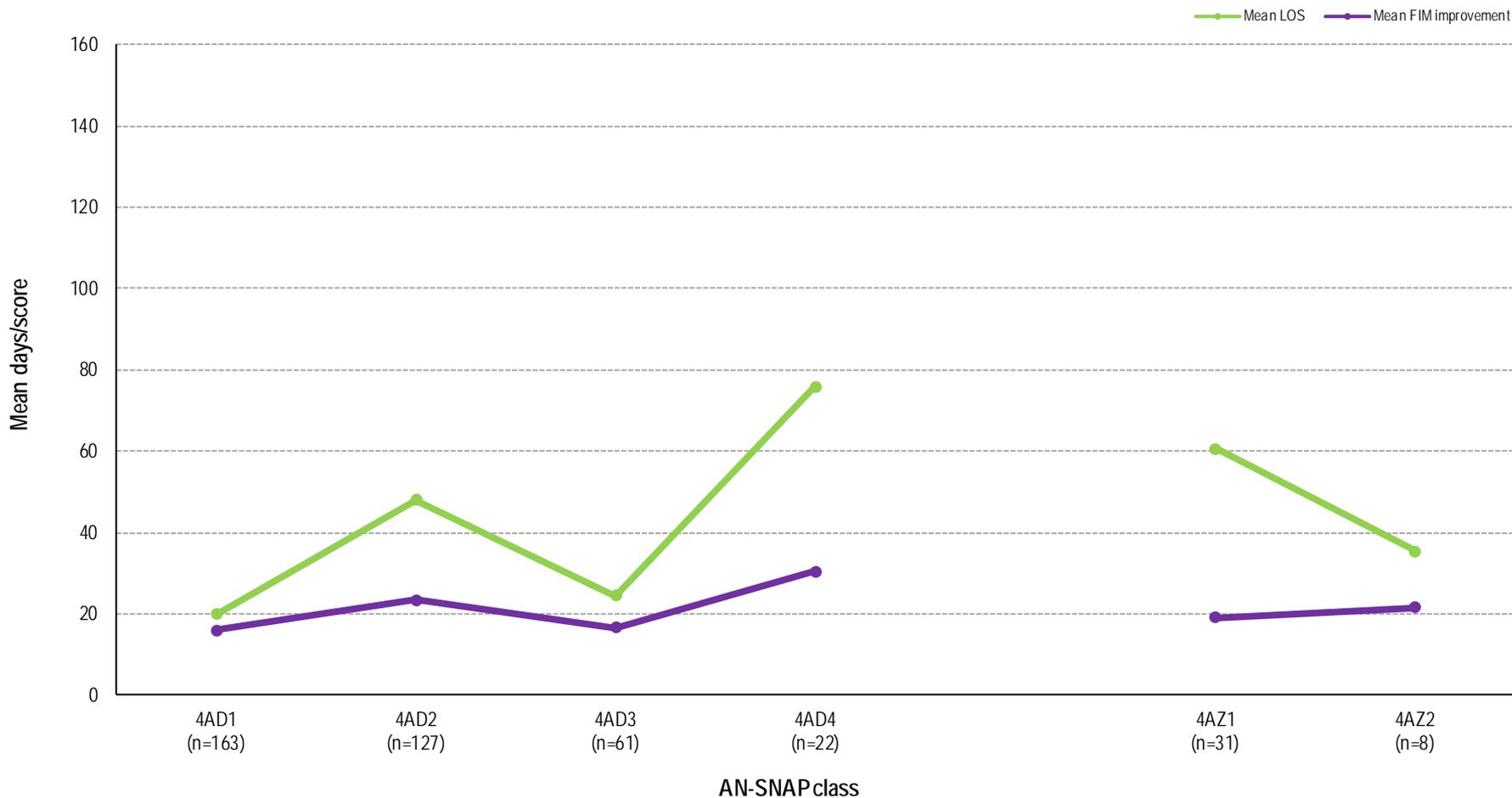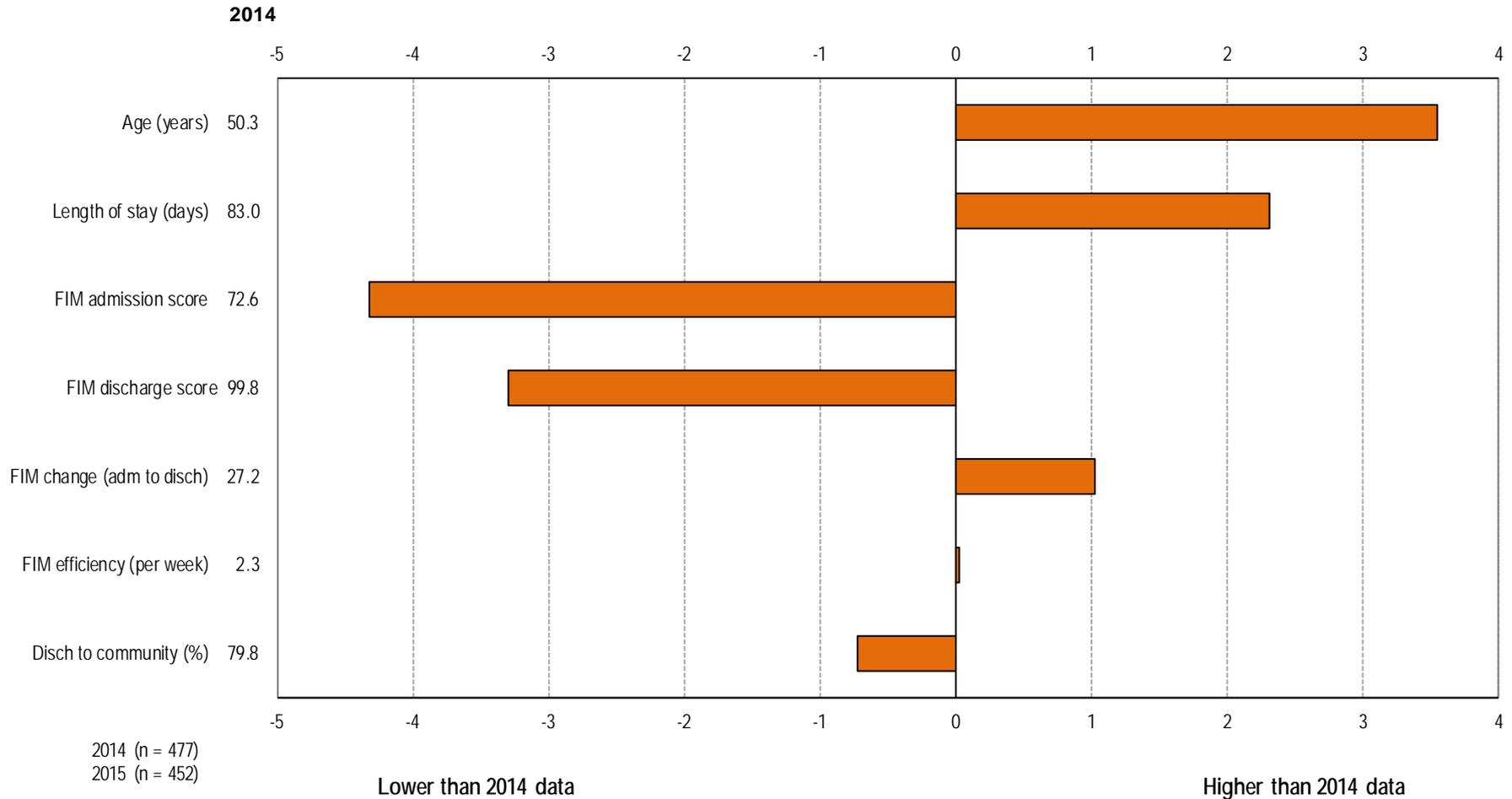
Change in outcome measures in spinal cord dysfunction, 2014 to 2015 - Non specialist facilities

Non specialist - Difference from 2014 data - All Spinal cord dysfunction
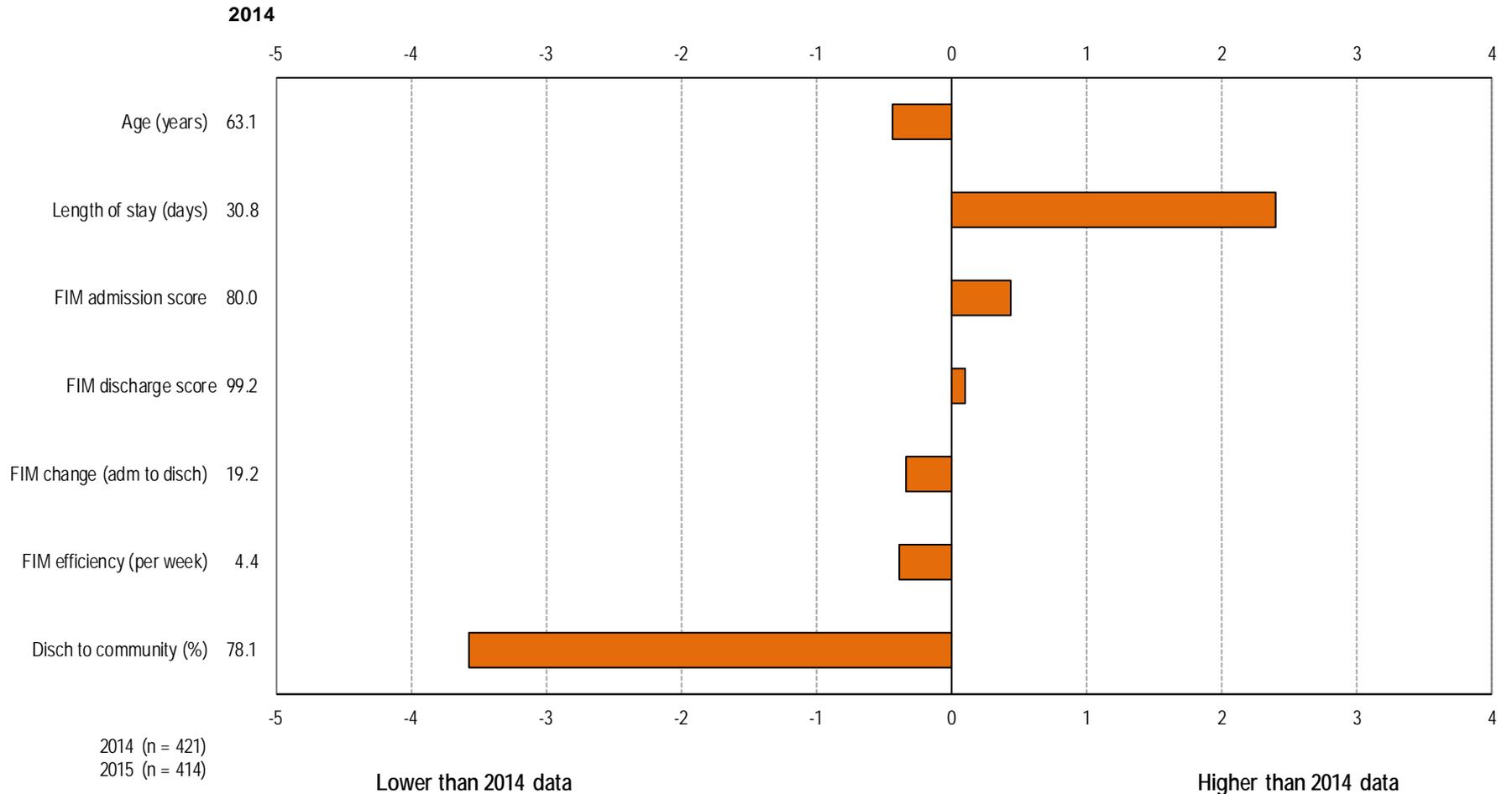
Amputation episodes over time

Number of episodes by quarter - Amputation of limb
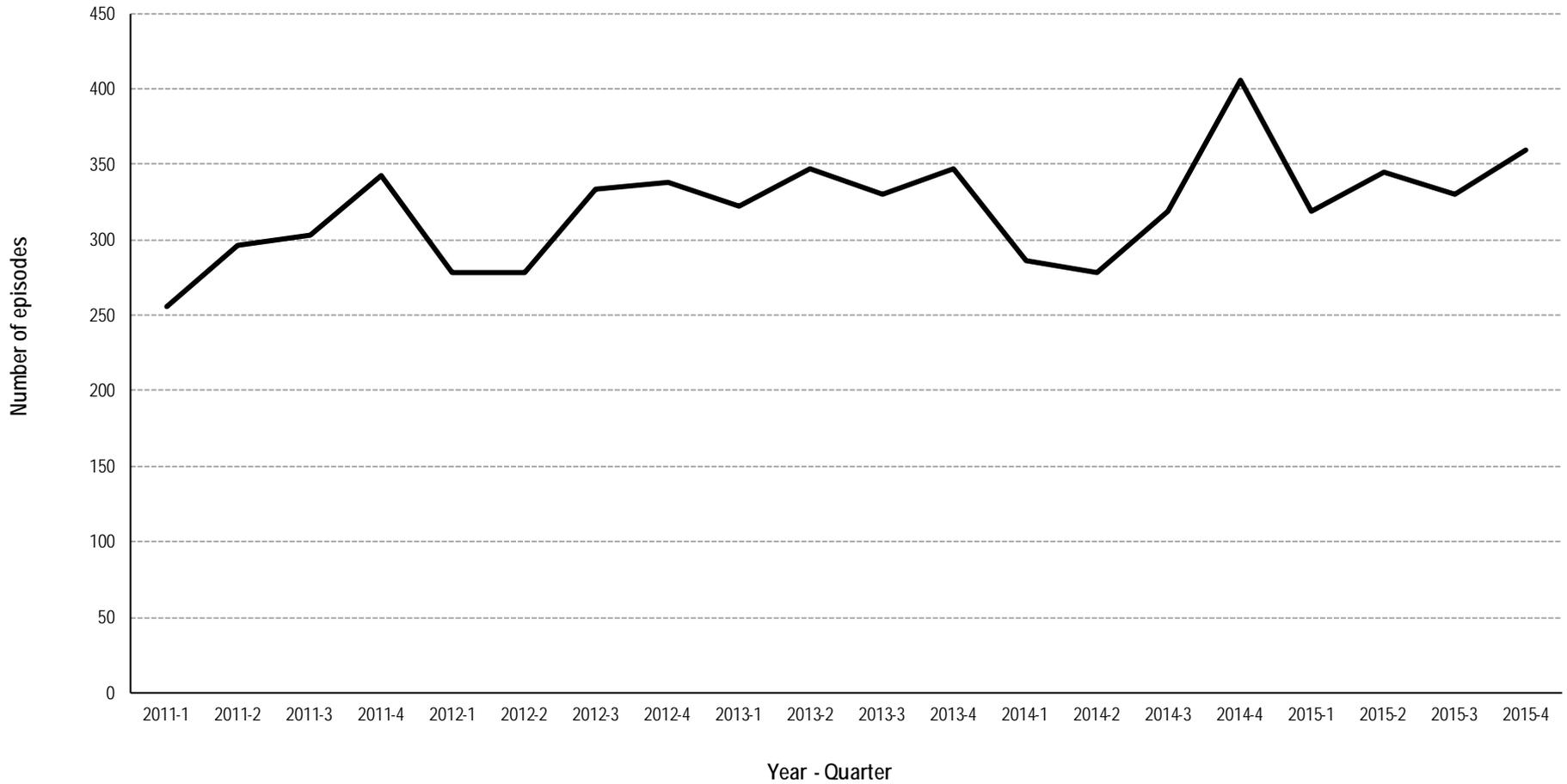
Amputation casemix over time
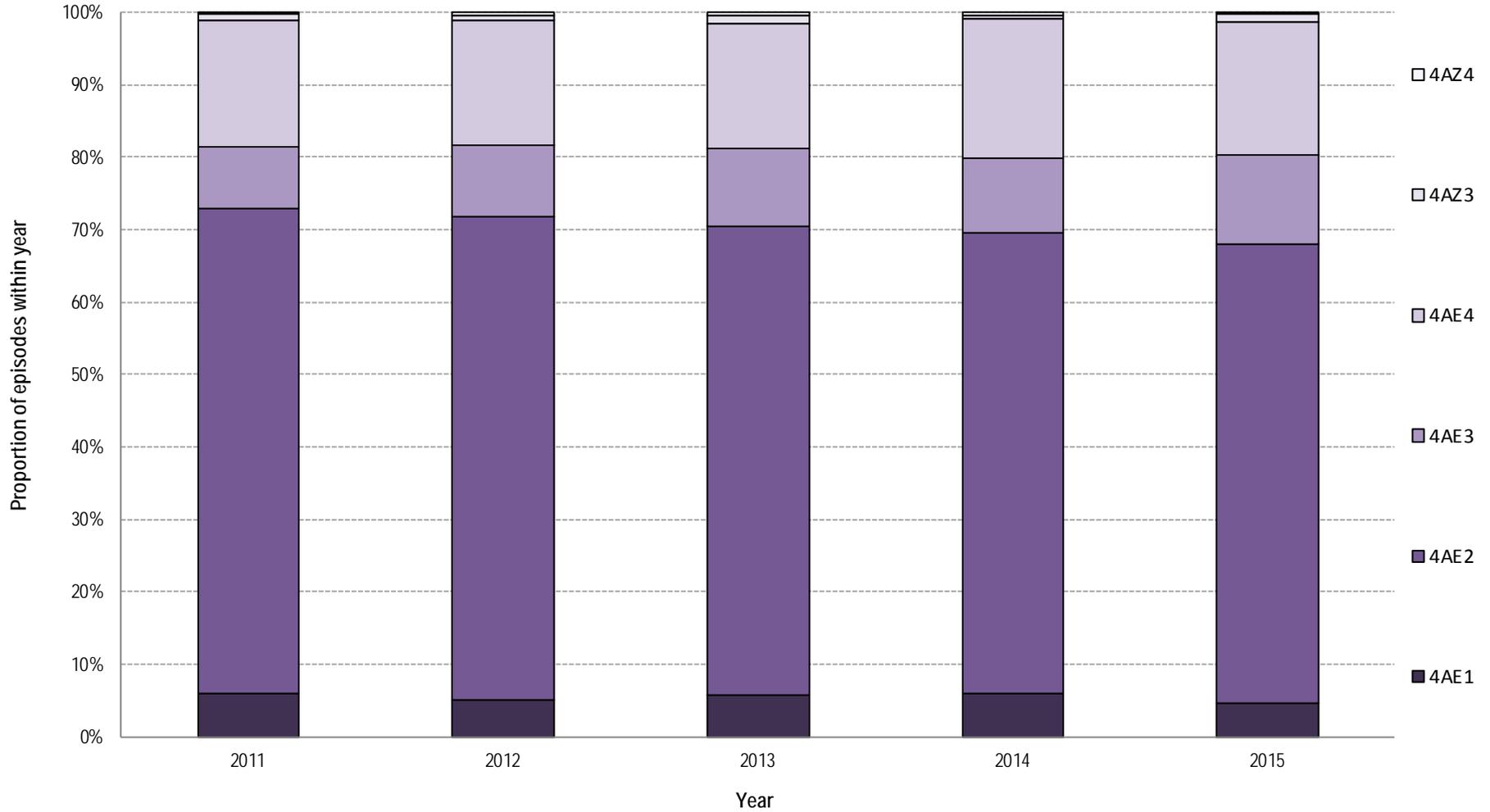
Amputation episodes in 2015

AN-SNAP class:	4AE1	4AE2	4AE3	4AE4	4AZ3	4AZ4	All Amputation of limb
Number of episodes	63	855	166	248	14	4	1,354
Proportion of episodes	4.7%	63.1%	12.3%	18.3%	1.0%	n < 5	100.0%
Sector (%)							
Private	*19.0%*	*16.4%*	*11.4%*	*11.3%*	*7.1%*	*n < 5*	*14.8%*
Public	*81.0%*	*83.6%*	*88.6%*	*88.7%*	*92.9%*	*n < 5*	*85.2%*
Gender (%)							
Female	*23.8%*	*30.1%*	*33.7%*	*32.7%*	*7.1%*	*n < 5*	*30.6%*
Male	*76.2%*	*69.9%*	*66.3%*	*67.3%*	*92.9%*	*n < 5*	*69.4%*
Age (Mean+95%CI)	65.9 (63.5-68.3)	70.8 (70.2-71.5)	74.3 (72.8-75.8)	42.9 (41.8-43.9)	80.1 (77.0-83.3)	n < 5	65.9 (65.2-66.7)
Admission FIM (Mean+95%CI)	113.3 (111.8-114.7)	88.6 (87.5-89.6)	55.2 (53.5-56.9)	100.8 (98.8-102.9)	29.1 (23.5-34.8)	n < 5	88.5 (87.4-89.7)
LOS (Mean+95%CI)	20.4 (16.0-24.8)	32.3 (30.6-33.9)	48.3 (42.4-54.1)	28.8 (25.1-32.4)	31.1 (14.9-47.4)	n < 5	32.5 (31.0-34.0)
Discharge destination (%)							
Discharged to community	*88.9%*	*80.8%*	*57.6%*	*87.9%*	*46.2%*	*n < 5*	*79.1%*
Remaining in hospital system	*11.1%*	*19.2%*	*42.4%*	*12.1%*	*53.8%*	*n < 5*	*20.9%*
FIM change (Mean+95%CI)	4.0 (2.9-5.0)	17.2 (16.4-18.0)	24.0 (20.3-27.8)	12.0 (10.4-13.6)	17.1 (-3.9-38.2)	n < 5	16.2 (15.4-16.9)
FIM efficiency (FIM change/LOS)	0.2	0.5	0.5	0.4	0.6	n < 5	0.5

Amputation discharge destination by AN-SNAP class

Discharge destination - Amputation of limb
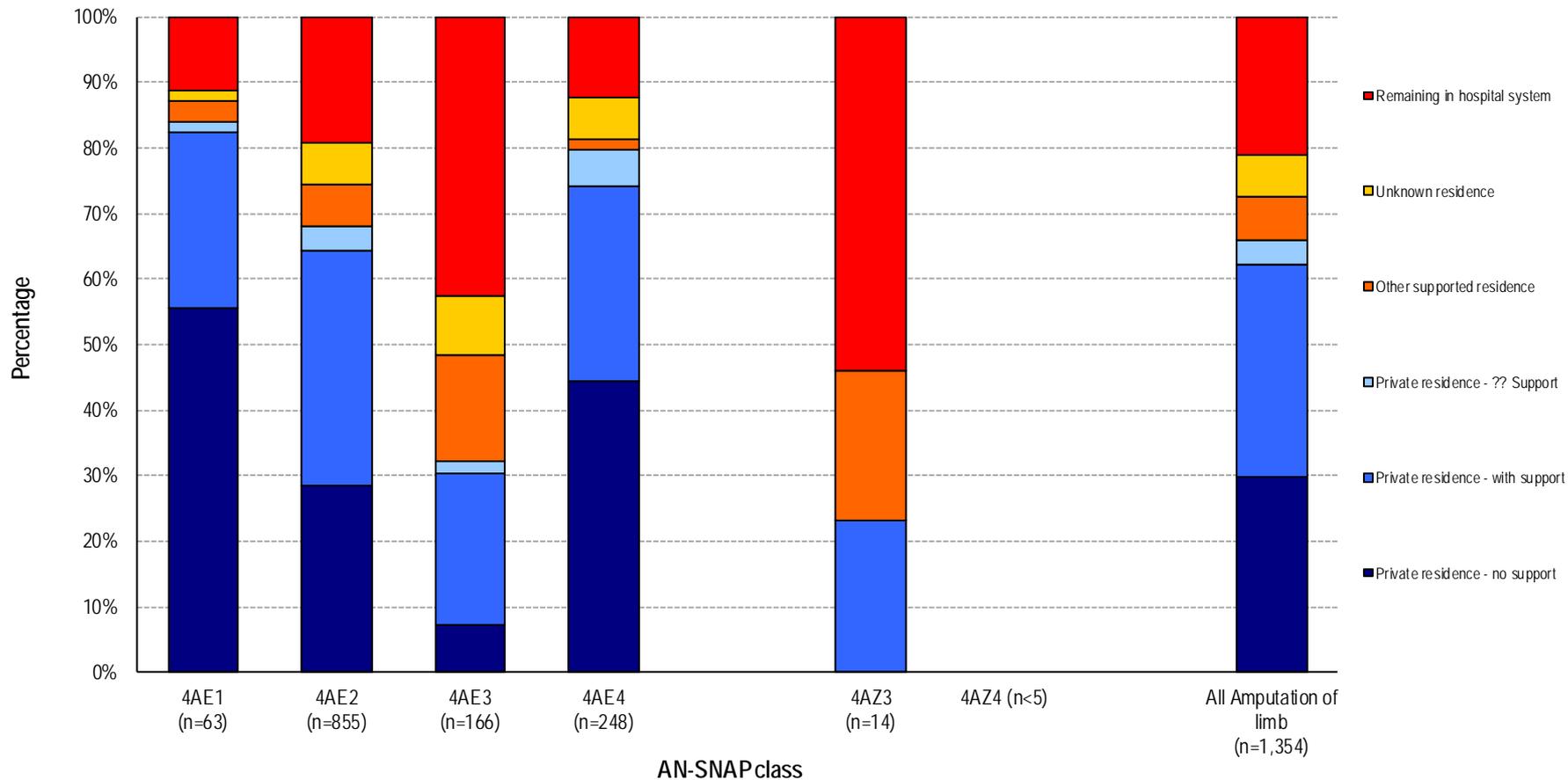
# Amputation LOS and FIM change by AN-SNAP class

LOS and FIM change by AN-SNAP class
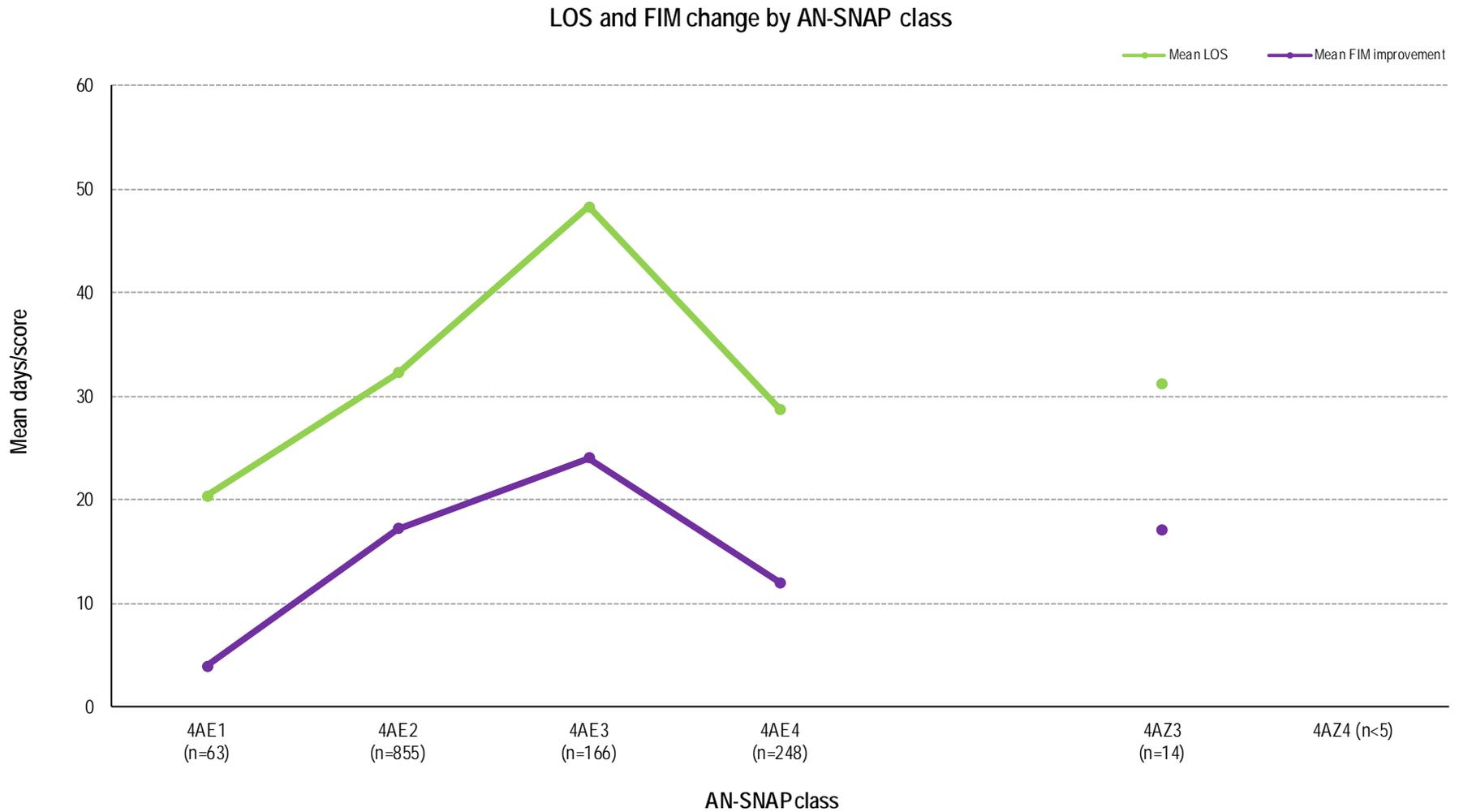
Change in outcome measures in amputation, 2014 to 2015

Difference from 2014 data - All Amputation of limb

	2014
Age (years)	66.1
Length of stay (days)	33.1
FIM admission score	89.0
FIM discharge score	106.0
FIM change (adm to disch)	17.0
FIM efficiency (per week)	3.6
Disch to community (%)	79.2

2014 (n = 1,289)
2015 (n = 1,354)

Lower than 2014 data   Higher than 2014 data
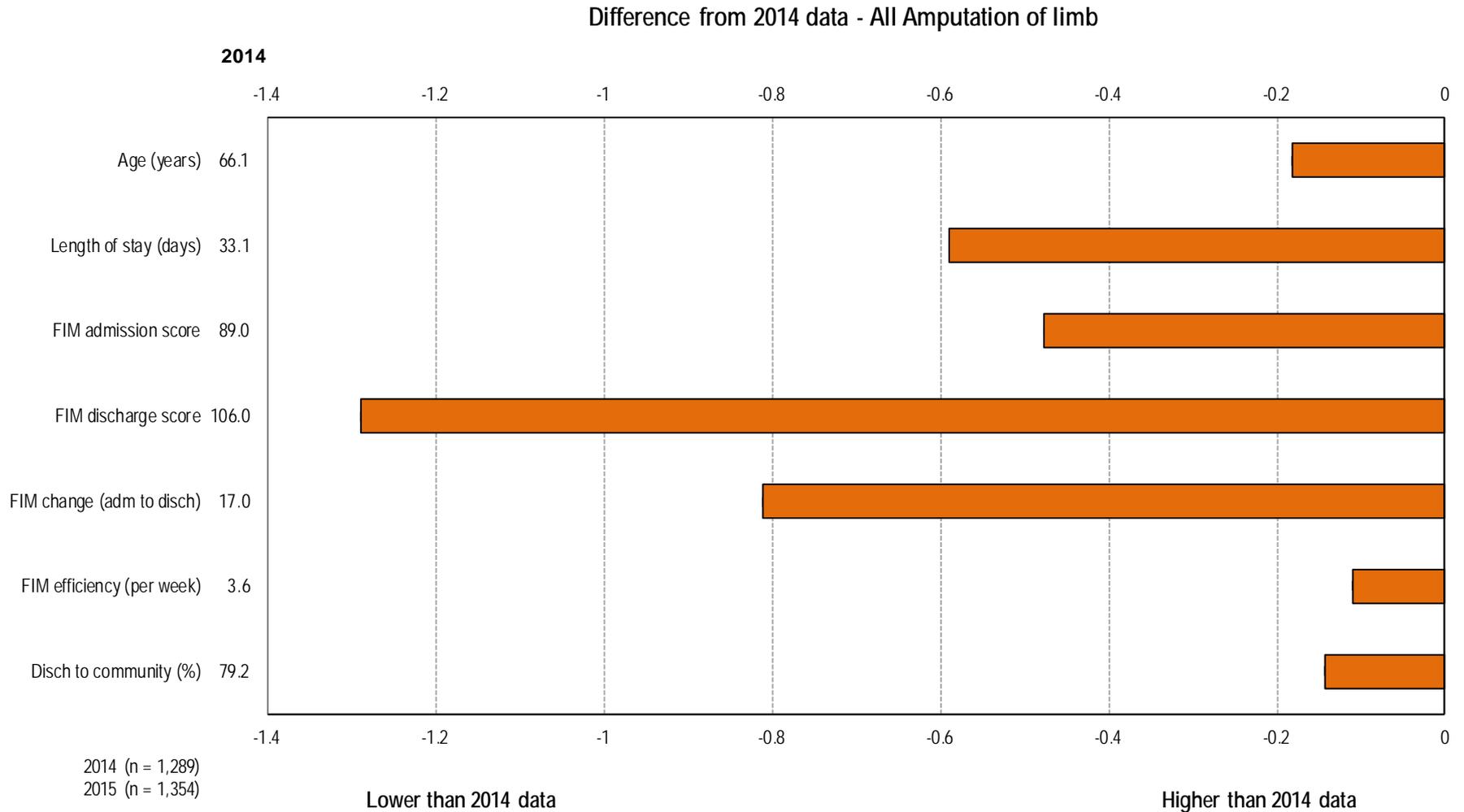
Arthritis episodes over time

Number of episodes by quarter - Arthritis
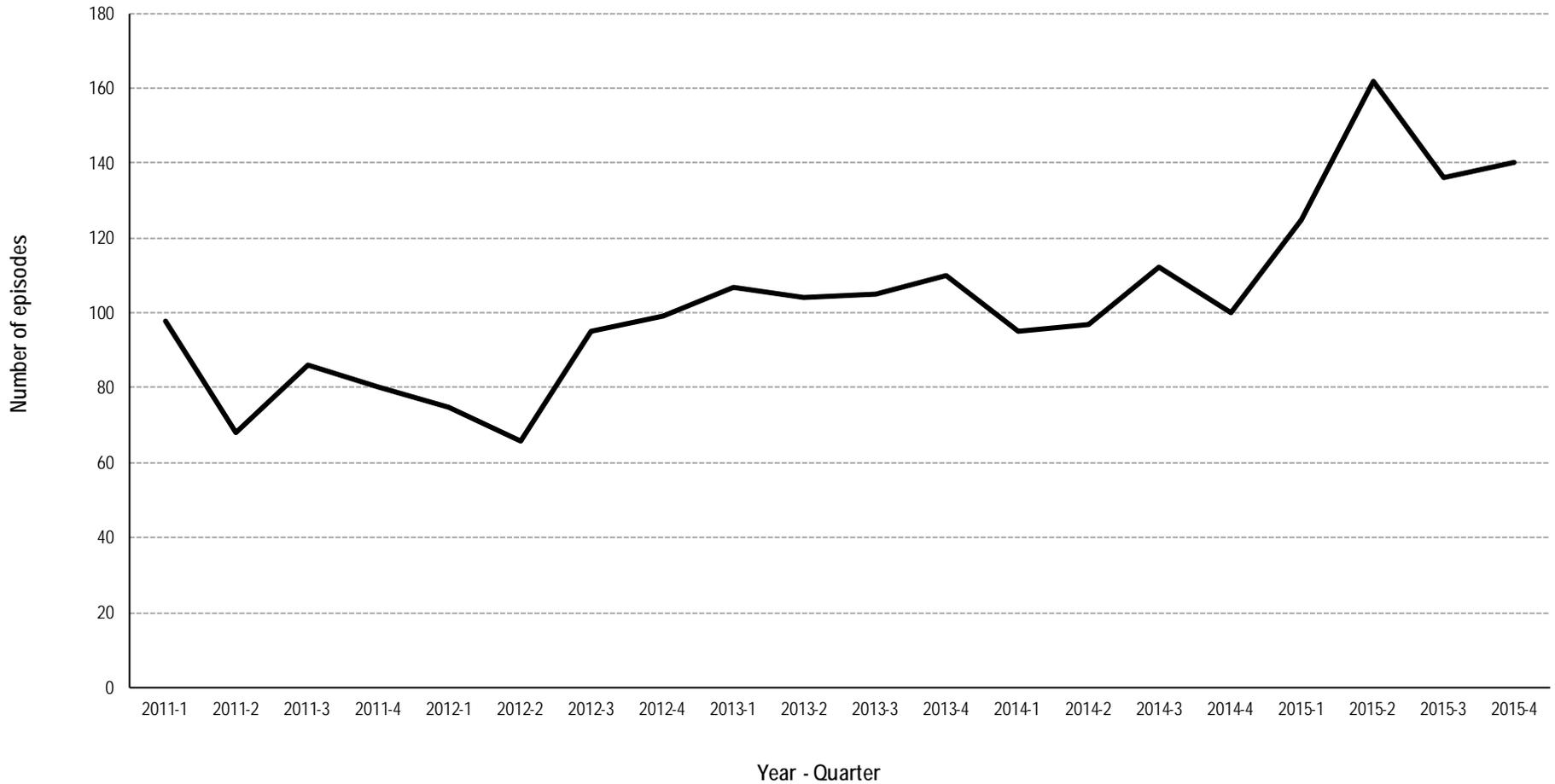
Arthritis casemix over time
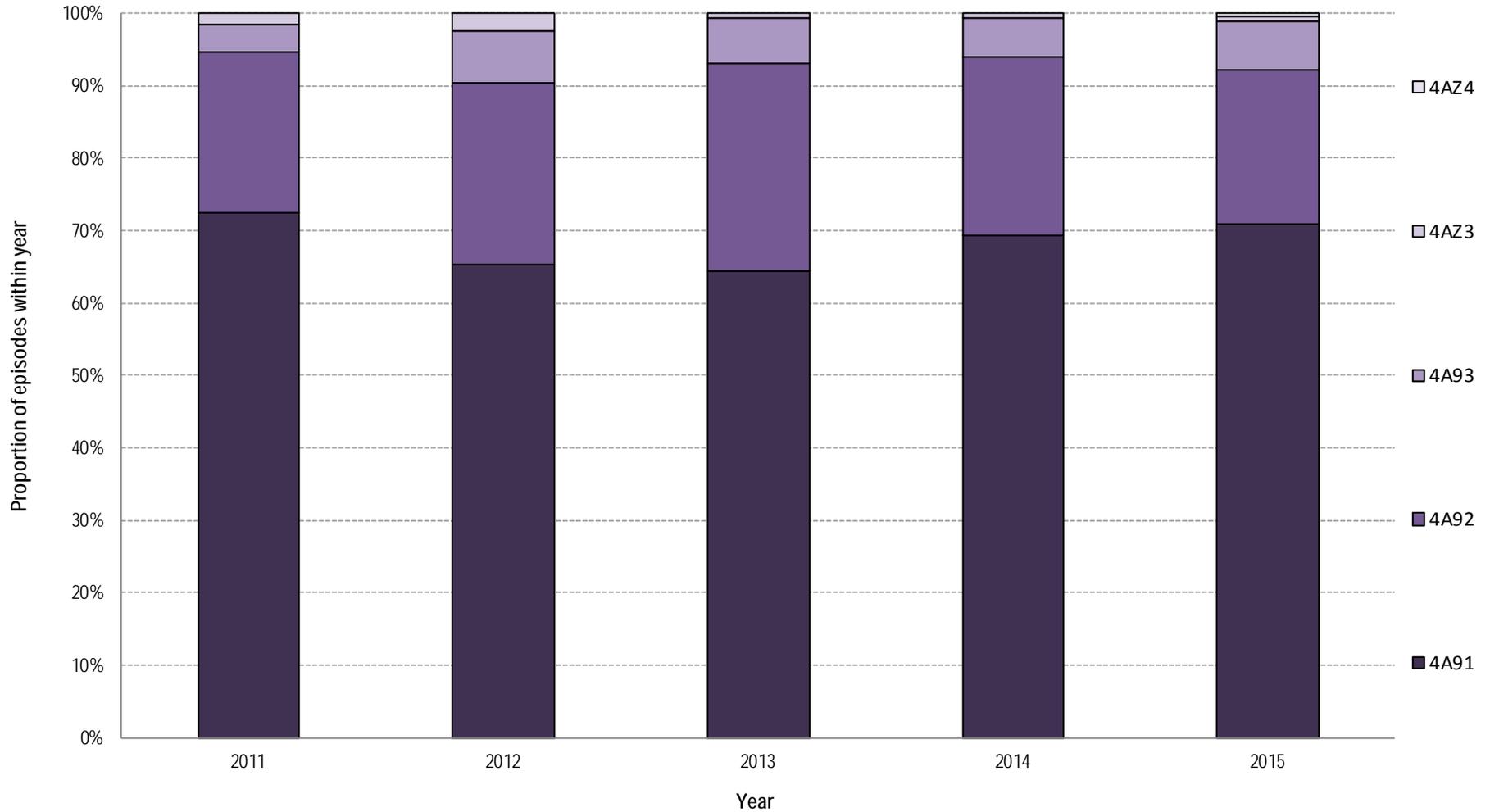
Arthritis episodes in 2015

AN-SNAP class:	4A91	4A92	4A93	4AZ3	4AZ4	All Arthritis
Number of episodes	397	118	38	4	2	563
Proportion of episodes	70.5%	21.0%	6.7%	n < 5	n < 5	100.0%
Sector (%)						
Private	*75.8%*	*35.6%*	*34.2%*	*n < 5*	*n < 5*	*64.1%*
Public	*24.2%*	*64.4%*	*65.8%*	*n < 5*	*n < 5*	*35.9%*
Gender (%)						
Female	*73.8%*	*68.6%*	*57.9%*	*n < 5*	*n < 5*	*71.4%*
Male	*25.9%*	*31.4%*	*42.1%*	*n < 5*	*n < 5*	*28.4%*
Age (Mean+95%CI)	73.8 (72.5-75.1)	79.6 (77.5-81.7)	77.9 (74.1-81.7)	n < 5	n < 5	75.3 (74.2-76.3)
Admission FIM (Mean+95%CI)	99.9 (99.0-100.8)	74.2 (72.2-76.1)	53.3 (49.6-57.0)	n < 5	n < 5	91.6 (90.0-93.1)
LOS (Mean+95%CI)	12.8 (12.1-13.4)	21.5 (15.9-27.1)	25.0 (18.4-31.6)	n < 5	n < 5	15.4 (14.1-16.8)
Discharge destination (%)						
Discharged to community	*95.5%*	*83.9%*	*81.6%*	*n < 5*	*n < 5*	*91.6%*
Remaining in hospital system	*4.5%*	*16.1%*	*18.4%*	*n < 5*	*n < 5*	*8.4%*
FIM change (Mean+95%CI)	13.2 (12.4-14.0)	22.0 (19.8-24.2)	26.0 (20.0-32.1)	n < 5	n < 5	15.9 (15.0-16.9)
FIM efficiency (FIM change/LOS)	1.0	1.0	1.0	n < 5	n < 5	1.0

Arthritis discharge destination by AN-SNAP class

Discharge destination - Arthritis
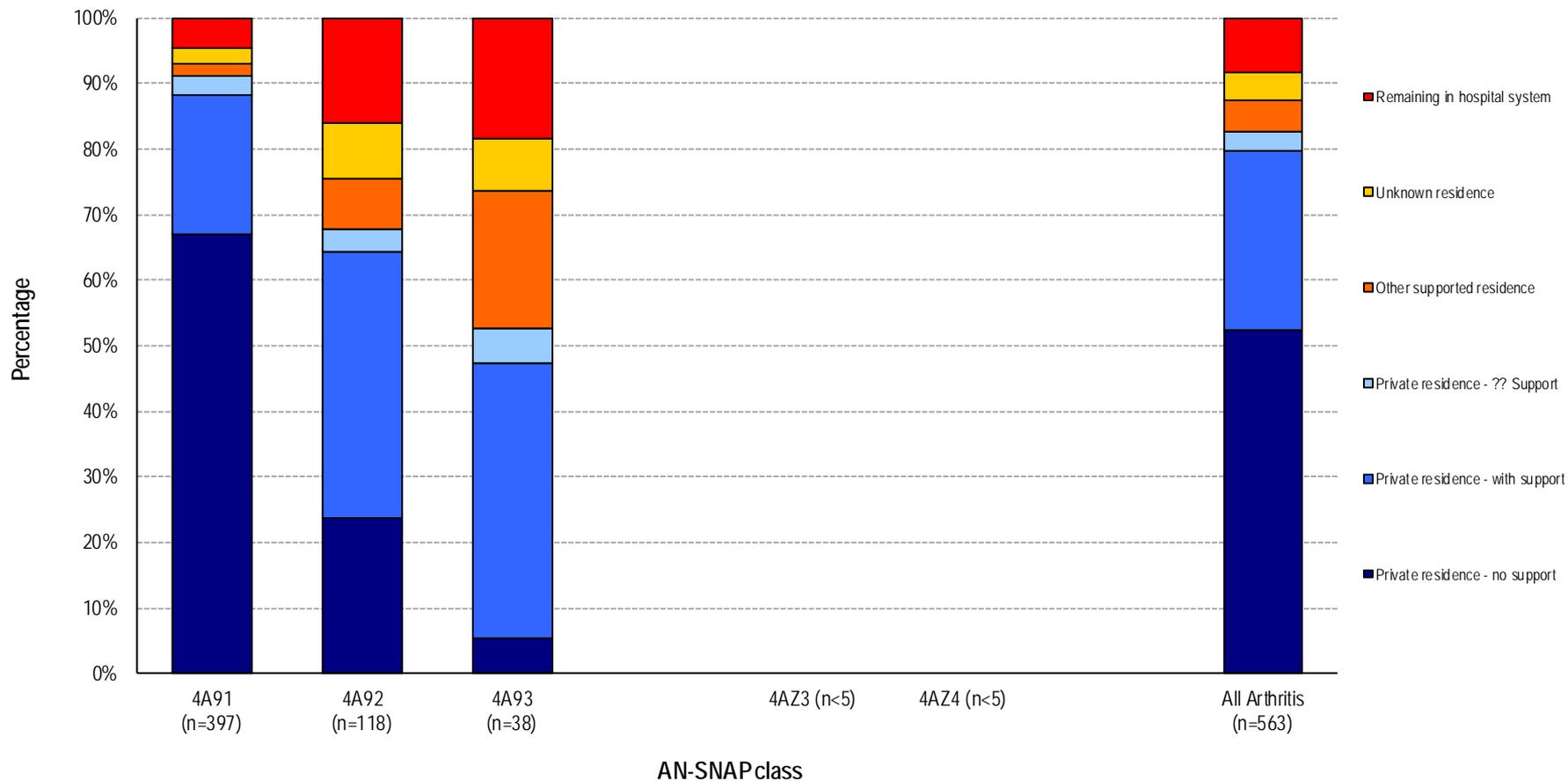
Arthritis LOS and FIM change by AN-SNAP class

LOS and FIM change by AN-SNAP class

Change in outcome measures in arthritis, 2014 to 2015

Difference from 2014 data - All Arthritis

2014

Measure	2014 value
Age (years)	77.4
Length of stay (days)	16.0
FIM admission score	91.1
FIM discharge score	108.3
FIM change (adm to disch)	17.2
FIM efficiency (per week)	7.5
Disch to community (%)	87.8

2014 (n = 404)
2015 (n = 563)

Lower than 2014 data

Higher than 2014 data
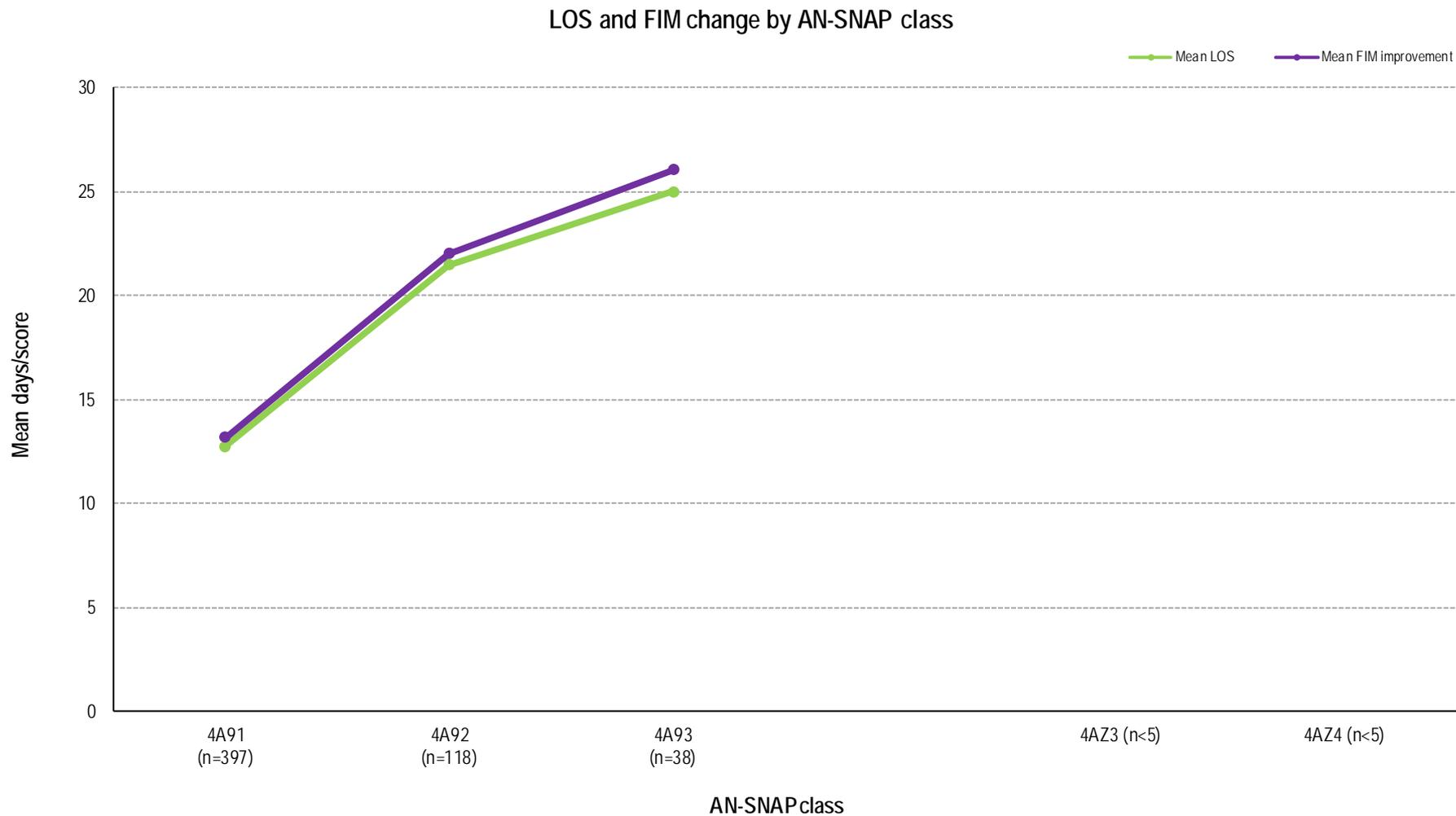
Orthopaedic fracture episodes over time

Number of episodes by quarter - Orthopaedic fractures
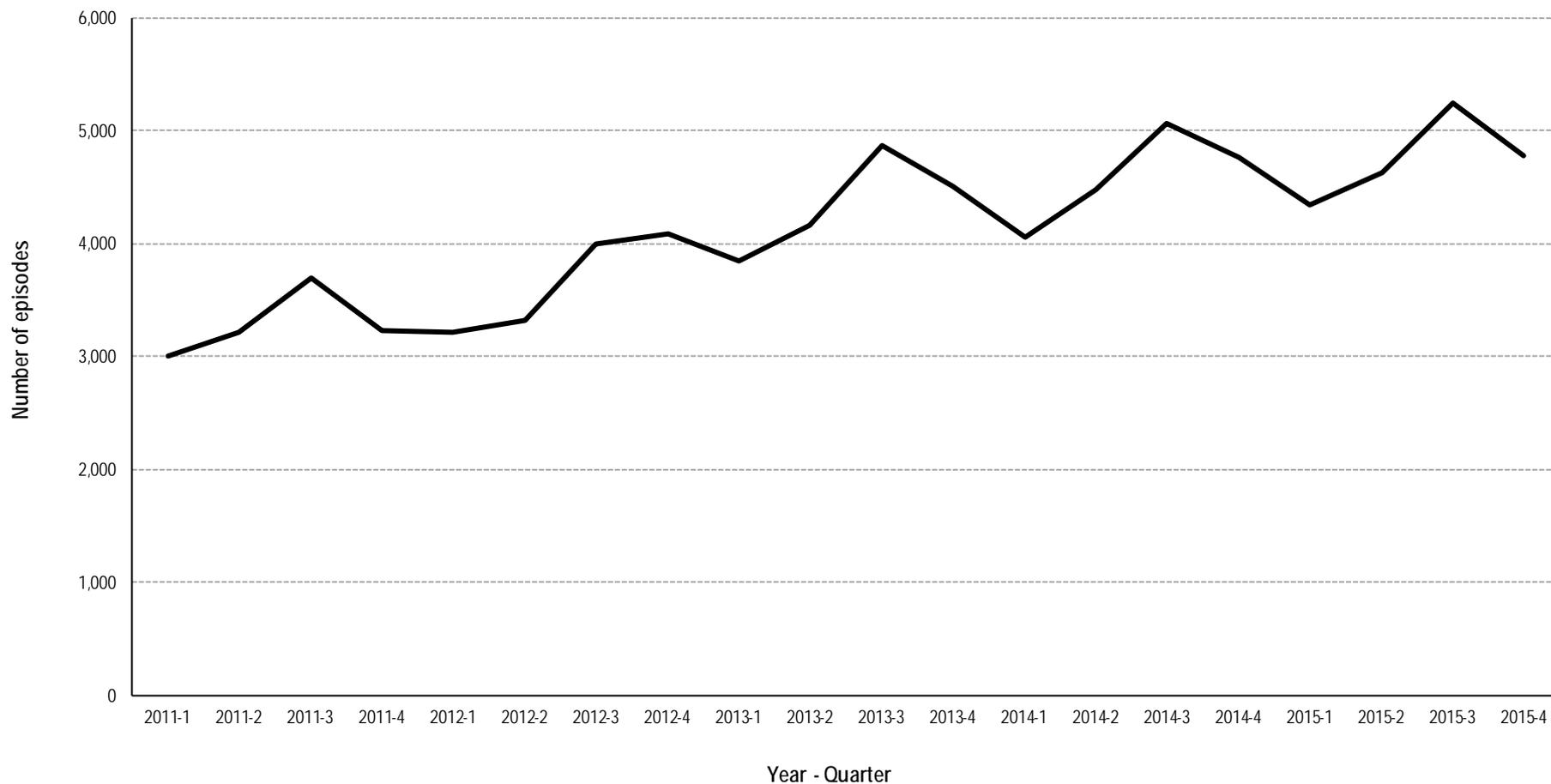
Orthopaedic fracture casemix over time
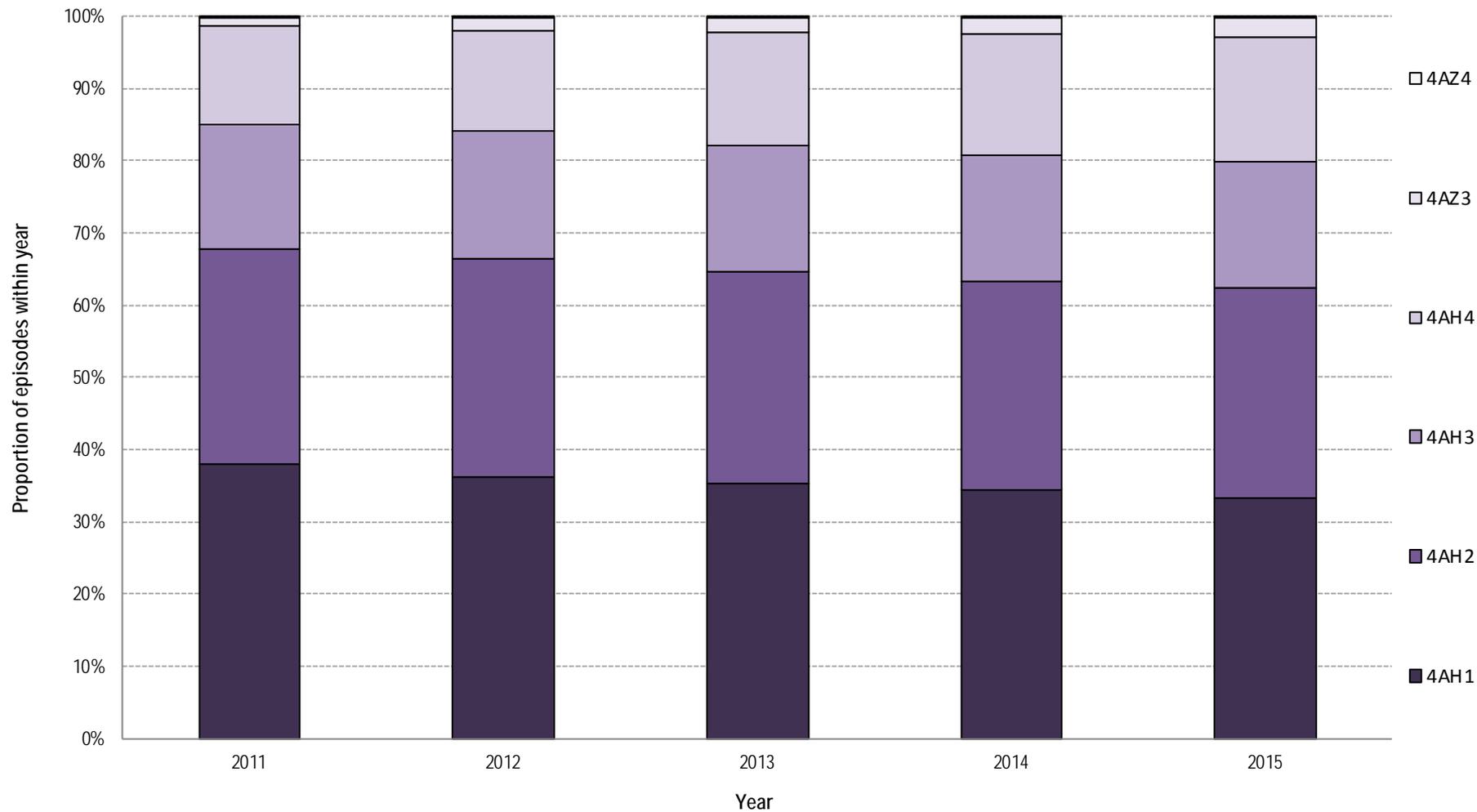
Orthopaedic fracture episodes in 2015

AN-SNAP class:	4AH1	4AH2	4AH3	4AH4	4AZ3	4AZ4	All Orthopaedic fractures
Number of episodes	6,323	5,543	3,277	3,308	487	44	18,999
Proportion of episodes	33.3%	29.2%	17.2%	17.4%	2.6%	0.2%	100.0%
Sector (%)							
Private	*59.2%*	*50.5%*	*42.9%*	*31.8%*	*29.0%*	*18.2%*	*48.2%*
Public	*40.8%*	*49.5%*	*57.1%*	*68.2%*	*71.0%*	*81.8%*	*51.8%*
Gender (%)							
Female	*73.1%*	*71.2%*	*72.0%*	*70.2%*	*70.6%*	*45.5%*	*71.7%*
Male	*26.9%*	*28.8%*	*28.0%*	*29.7%*	*29.4%*	*54.5%*	*28.3%*
Age (Mean+95%CI)	74.0 (73.6-74.3)	80.1 (79.8-80.4)	80.2 (79.7-80.6)	80.9 (80.5-81.4)	85.2 (84.5-85.9)	50.9 (47.3-54.5)	78.3 (78.1-78.5)
Admission FIM (Mean+95%CI)	96.8 (96.6-97.0)	85.3 (85.0-85.6)	70.9 (70.7-71.2)	54.4 (53.9-54.8)	31.4 (30.4-32.4)	35.5 (31.3-39.7)	80.9 (80.6-81.2)
LOS (Mean+95%CI)	17.3 (17.0-17.6)	19.4 (19.1-19.7)	25.6 (25.0-26.2)	30.4 (29.7-31.1)	30.6 (28.4-32.9)	35.6 (27.2-43.9)	21.7 (21.5-21.9)
Discharge destination (%)							
Discharged to community	*94.1%*	*90.2%*	*86.5%*	*78.5%*	*70.2%*	*79.5%*	*88.3%*
Remaining in hospital system	*5.9%*	*9.8%*	*13.5%*	*21.5%*	*29.8%*	*20.5%*	*11.7%*
FIM change (Mean+95%CI)	16.5 (16.3-16.7)	18.7 (18.5-19.0)	26.6 (26.1-27.0)	28.9 (28.3-29.6)	23.1 (20.7-25.5)	24.9 (17.1-32.7)	21.0 (20.8-21.2)
FIM efficiency (FIM change/LOS)	1.0	1.0	1.0	1.0	0.8	0.7	1.0

Orthopaedic fracture discharge destination by AN-SNAP class

Discharge destination - Orthopaedic fractures
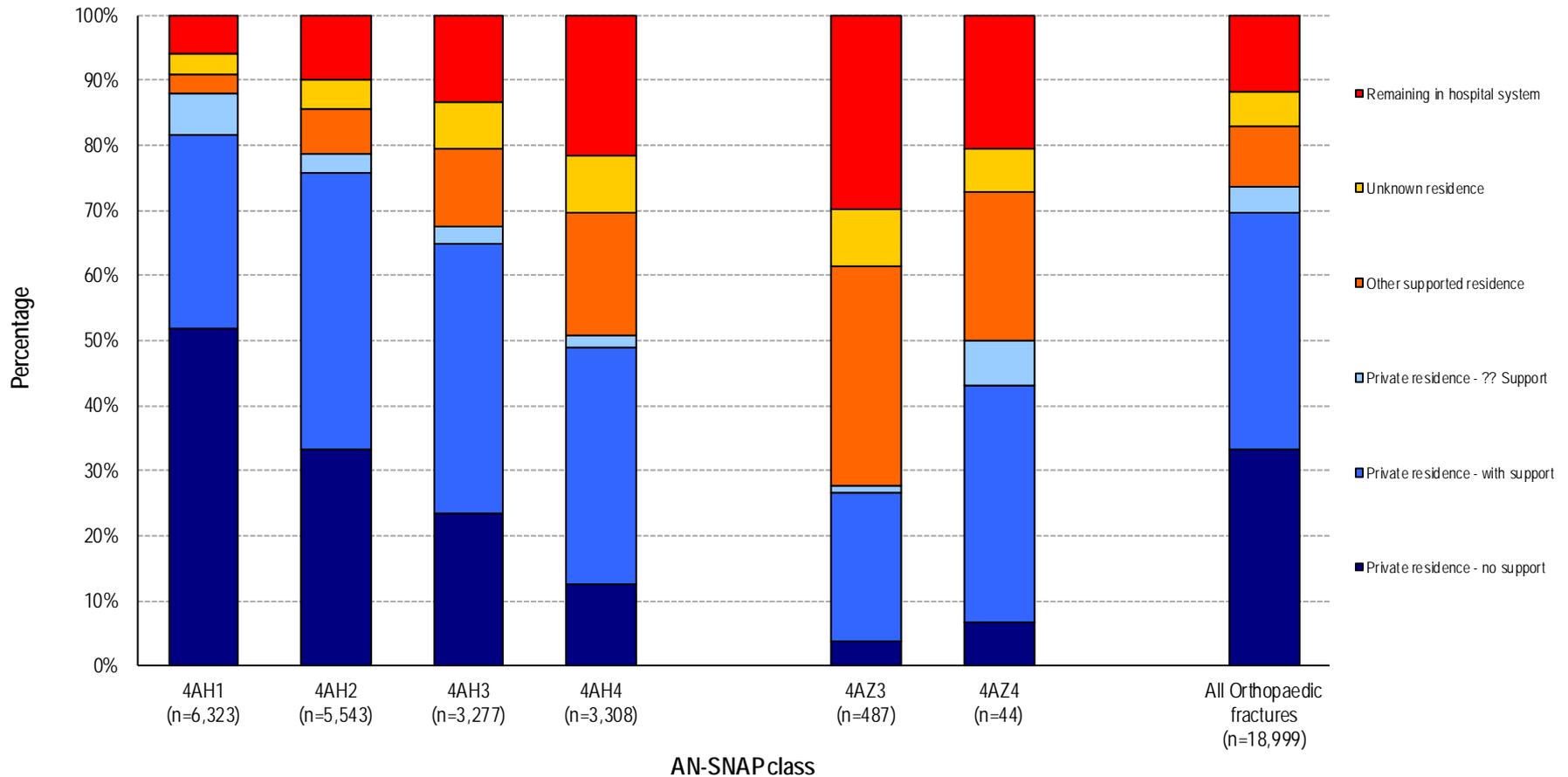
Orthopaedic fracture LOS and FIM change by AN-SNAP class

LOS and FIM change by AN-SNAP class

Change in outcome measures in orthopaedic fracture, 2014 to 2015

Difference from 2014 data - All Orthopaedic fractures

2014

Age (years)	78.4
Length of stay (days)	22.0
FIM admission score	81.6
FIM discharge score	102.6
FIM change (adm to disch)	21.0
FIM efficiency (per week)	6.7
Disch to community (%)	89.2

2014 (n = 18,363)
2015 (n = 18,999)

Lower than 2014 data

Higher than 2014 data
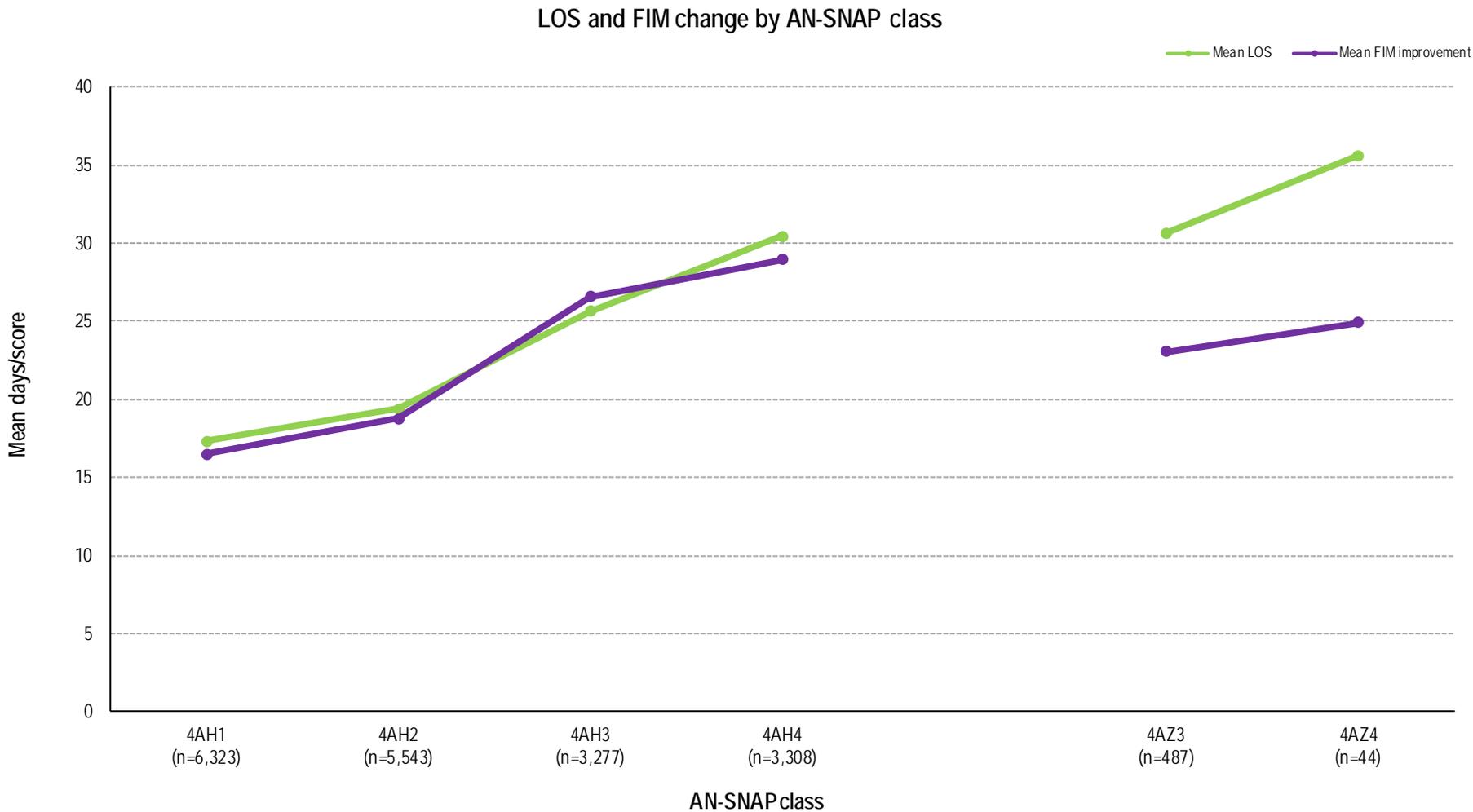
Orthopaedic replacement episodes over time

Number of episodes by quarter - Orthopaedic replacements
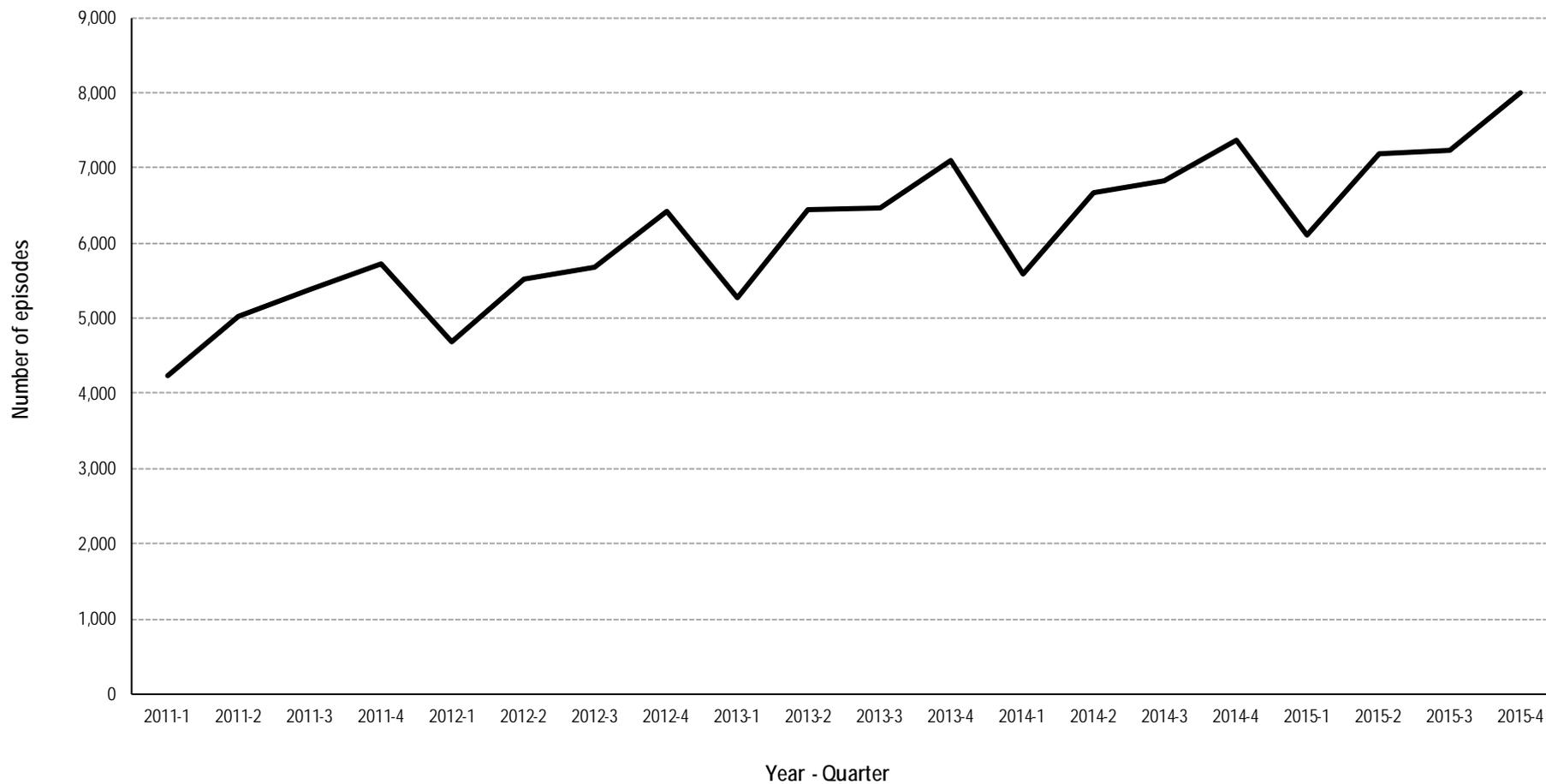
Orthopaedic replacement casemix over time
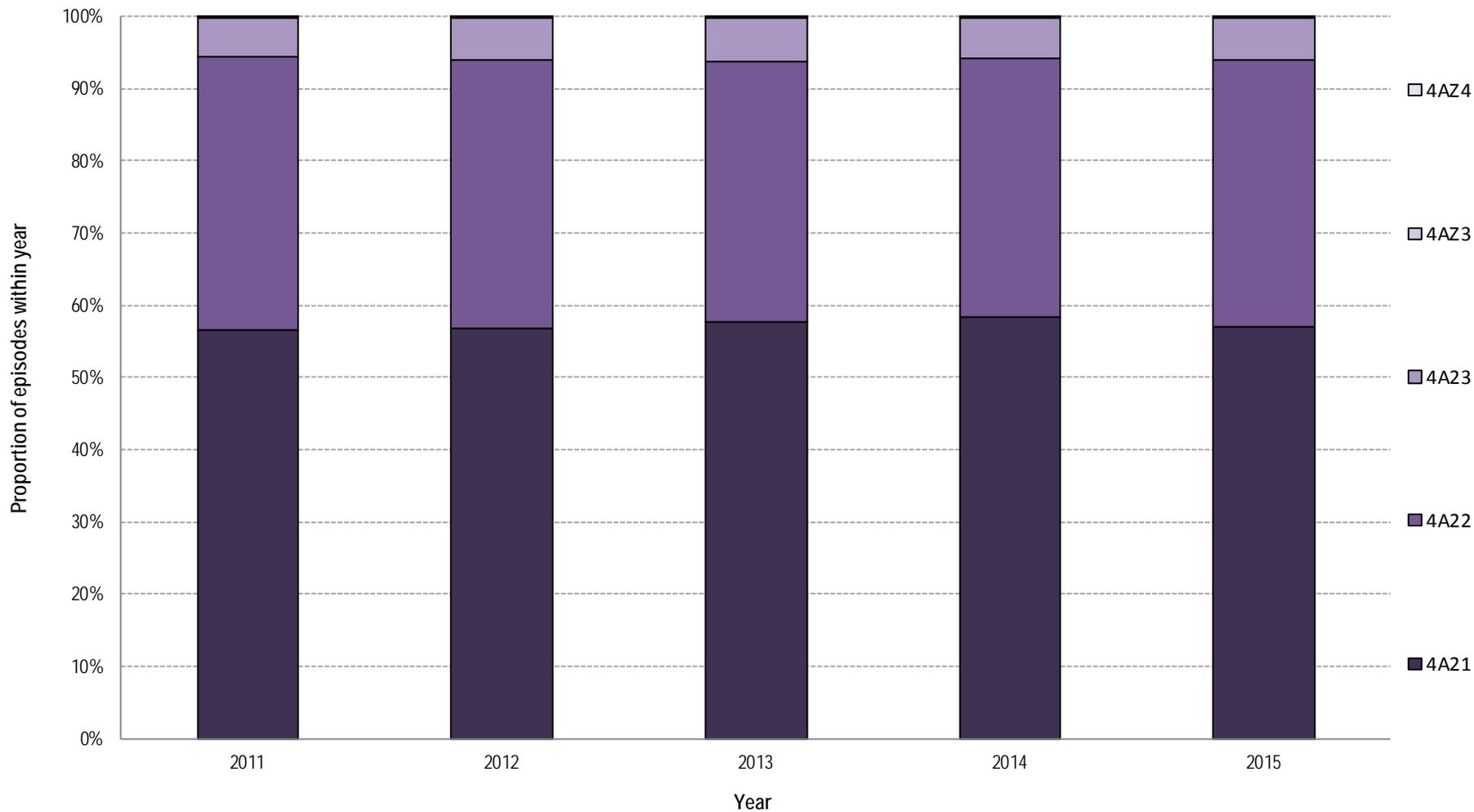
Orthopaedic replacement episodes in 2015

AN-SNAP class:	4A21	4A22	4A23	4AZ3	4AZ4	All Orthopaedic replacements
Number of episodes	16,283	10,495	1,683	37	7	28,533
Proportion of episodes	57.1%	36.8%	5.9%	0.1%	0.0%	100.0%
Sector (%)						
Private	*92.6%*	*80.2%*	*53.1%*	*37.8%*	*42.9%*	*85.6%*
Public	*7.4%*	*19.8%*	*46.9%*	*62.2%*	*57.1%*	*14.4%*
Gender (%)						
Female	*59.7%*	*69.2%*	*67.6%*	*73.0%*	*14.3%*	*63.7%*
Male	*40.3%*	*30.8%*	*32.3%*	*27.0%*	*85.7%*	*36.3%*
Age (Mean+95%CI)	68.9 (68.8-69.1)	74.1 (73.9-74.3)	77.4 (76.9-77.9)	81.7 (78.9-84.5)	52.7 (45.2-60.2)	71.4 (71.2-71.5)
Admission FIM (Mean+95%CI)	107.3 (107.3-107.4)	91.8 (91.6-91.9)	67.9 (67.4-68.5)	30.5 (26.2-34.7)	29.6 (18.5-40.7)	99.5 (99.3-99.6)
LOS (Mean+95%CI)	10.0 (9.9-10.1)	12.7 (12.6-12.9)	20.6 (19.9-21.2)	27.9 (22.2-33.6)	14.4 (8.2-20.6)	11.6 (11.5-11.7)
Discharge destination (%)						
Discharged to community	*98.6%*	*96.4%*	*87.6%*	*59.5%*	*100.0%*	*97.1%*
Remaining in hospital system	*1.4%*	*3.6%*	*12.4%*	*40.5%*	*0.0%*	*2.9%*
FIM change (Mean+95%CI)	10.7 (10.6-10.8)	21.4 (21.3-21.5)	31.5 (30.8-32.2)	35.9 (21.9-50.0)	37.0 (2.3-71.7)	15.7 (15.6-15.8)
FIM efficiency (FIM change/LOS)	1.1	1.7	1.5	1.3	2.6	1.4

Orthopaedic replacement discharge destination by AN-SNAP class

Discharge destination - Orthopaedic replacements
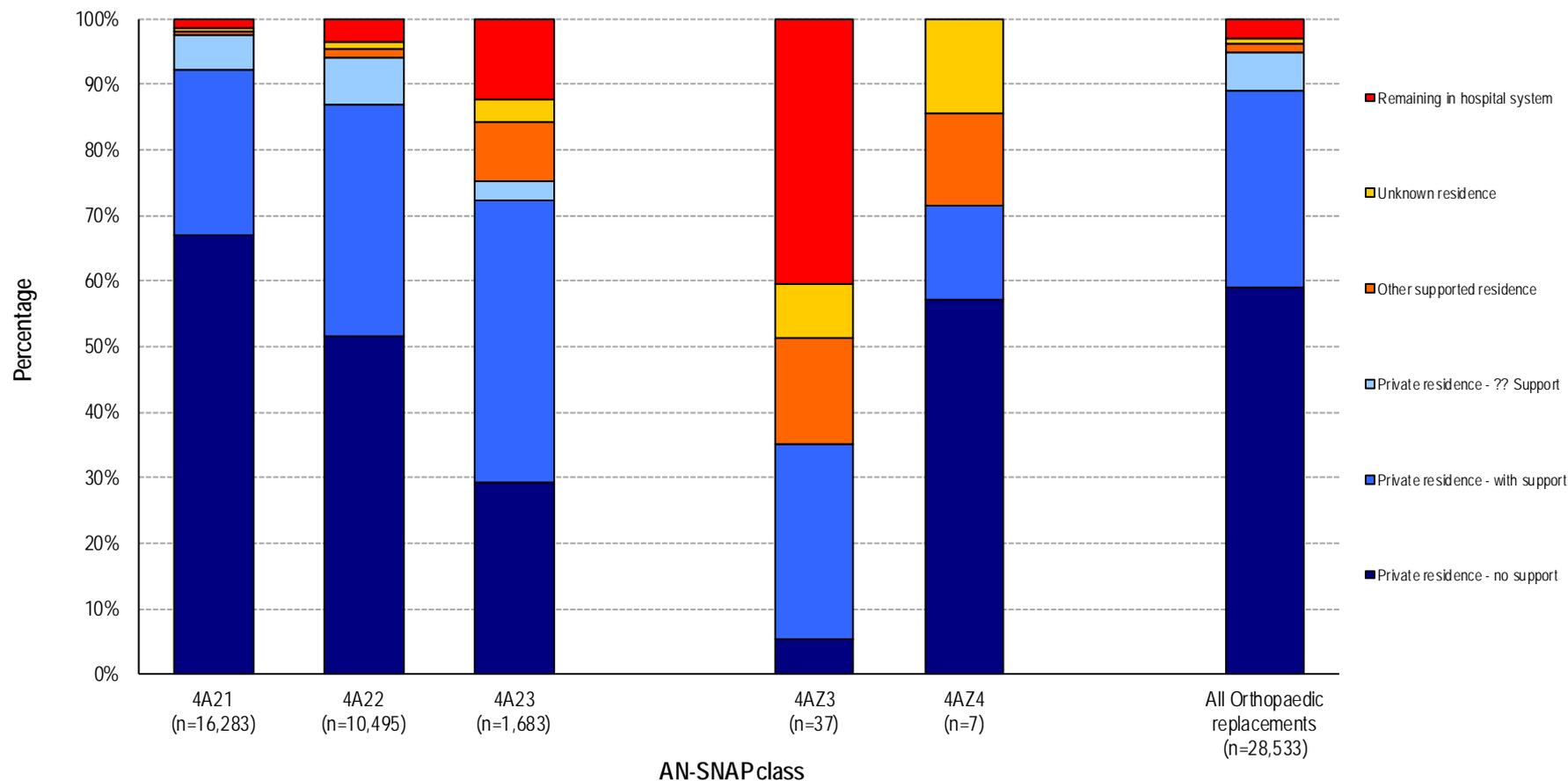
# Orthopaedic replacement LOS and FIM change by AN-SNAP class

LOS and FIM change by AN-SNAP class

Change in outcome measures in orthopaedic replacement, 2014 to 2015

Difference from 2014 data - All Orthopaedic replacements

2014

	2014
Age (years)	71.4
Length of stay (days)	11.9
FIM admission score	99.8
FIM discharge score	115.2
FIM change (adm to disch)	15.4
FIM efficiency (per week)	9.1
Disch to community (%)	97.2

2014 (n = 26,439)
2015 (n = 28,533)

Lower than 2014 data

Higher than 2014 data

All orthopaedic episodes over time

Number of episodes by quarter - All orthopaedic conditions
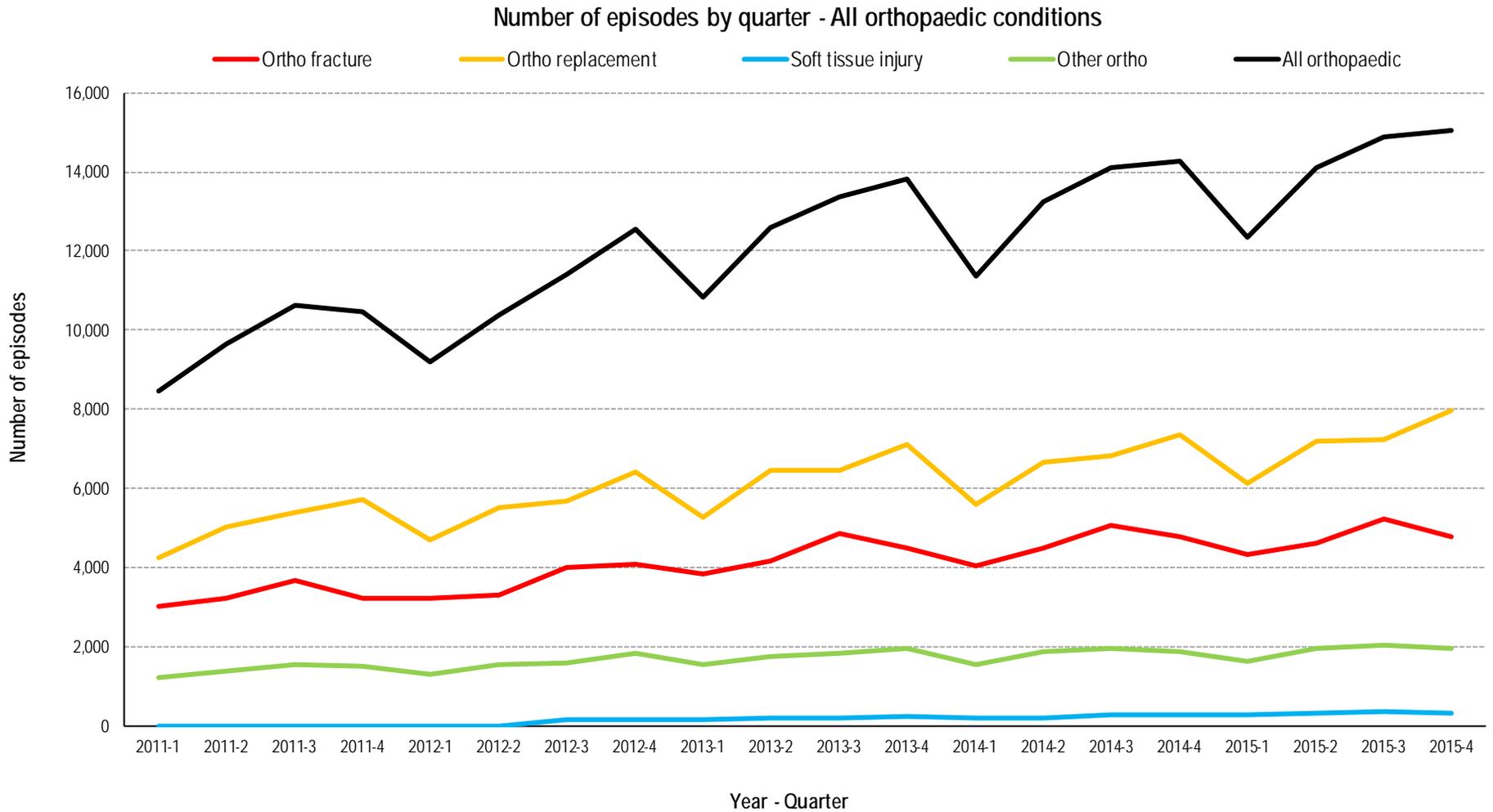
All orthopaedic episodes in 2015

AN-SNAP class:	Ortho fracture	Ortho replacement	Soft tissue injury	Other ortho	All orthopaedic conditions
Number of episodes	18,999	28,533	1,291	7,589	56,412
Proportion of episodes	33.7%	50.6%	2.3%	13.5%	100.0%
Sector (%)					
Private	*48.2%*	*85.6%*	*55.0%*	*84.4%*	*72.1%*
Public	*51.8%*	*14.4%*	*45.0%*	*15.6%*	*27.9%*
Gender (%)					
Female	*71.7%*	*63.7%*	*63.2%*	*63.1%*	*66.3%*
Male	*28.3%*	*36.3%*	*36.8%*	*36.9%*	*33.7%*
Age (Mean+95%CI)	78.3 (78.1-78.5)	71.4 (71.2-71.5)	80.7 (80.0-81.4)	69.3 (69.0-69.6)	73.6 (73.5-73.7)
Admission FIM (Mean+95%CI)	80.9 (80.6-81.2)	99.5 (99.3-99.6)	85.6 (84.6-86.6)	97.2 (96.9-97.5)	92.9 (92.8-93.1)
LOS (Mean+95%CI)	21.7 (21.5-21.9)	11.6 (11.5-11.7)	15.8 (15.1-16.5)	14.2 (13.9-14.5)	15.3 (15.2-15.4)
Discharge destination (%)					
Discharged to community	*88.3%*	*97.1%*	*89.8%*	*93.9%*	*93.6%*
Remaining in hospital system	*11.7%*	*2.9%*	*10.2%*	*6.1%*	*6.4%*
FIM change (Mean+95%CI)	21.0 (20.8-21.2)	15.7 (15.6-15.8)	16.8 (16.1-17.4)	17.0 (16.8-17.3)	17.6 (17.5-17.7)
FIM efficiency (FIM change/LOS)	1.0	1.4	1.1	1.2	1.2

All Orthopaedic episodes discharge destination by orthopaedic group

Discharge destination - All orthopaedic conditions
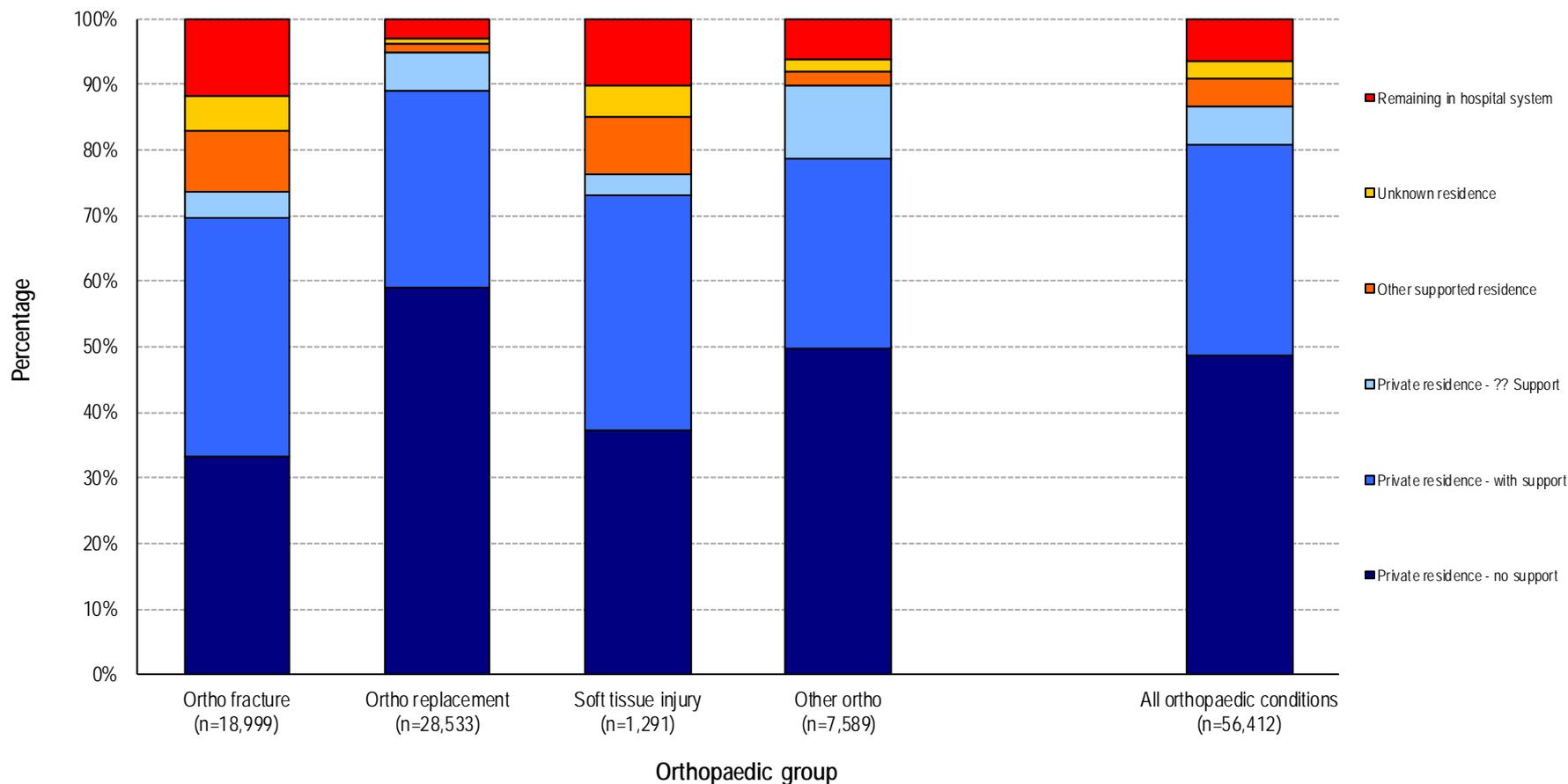
All orthopaedic conditions LOS and FIM change by orthopaedic group

LOS and FIM change by AN-SNAP class
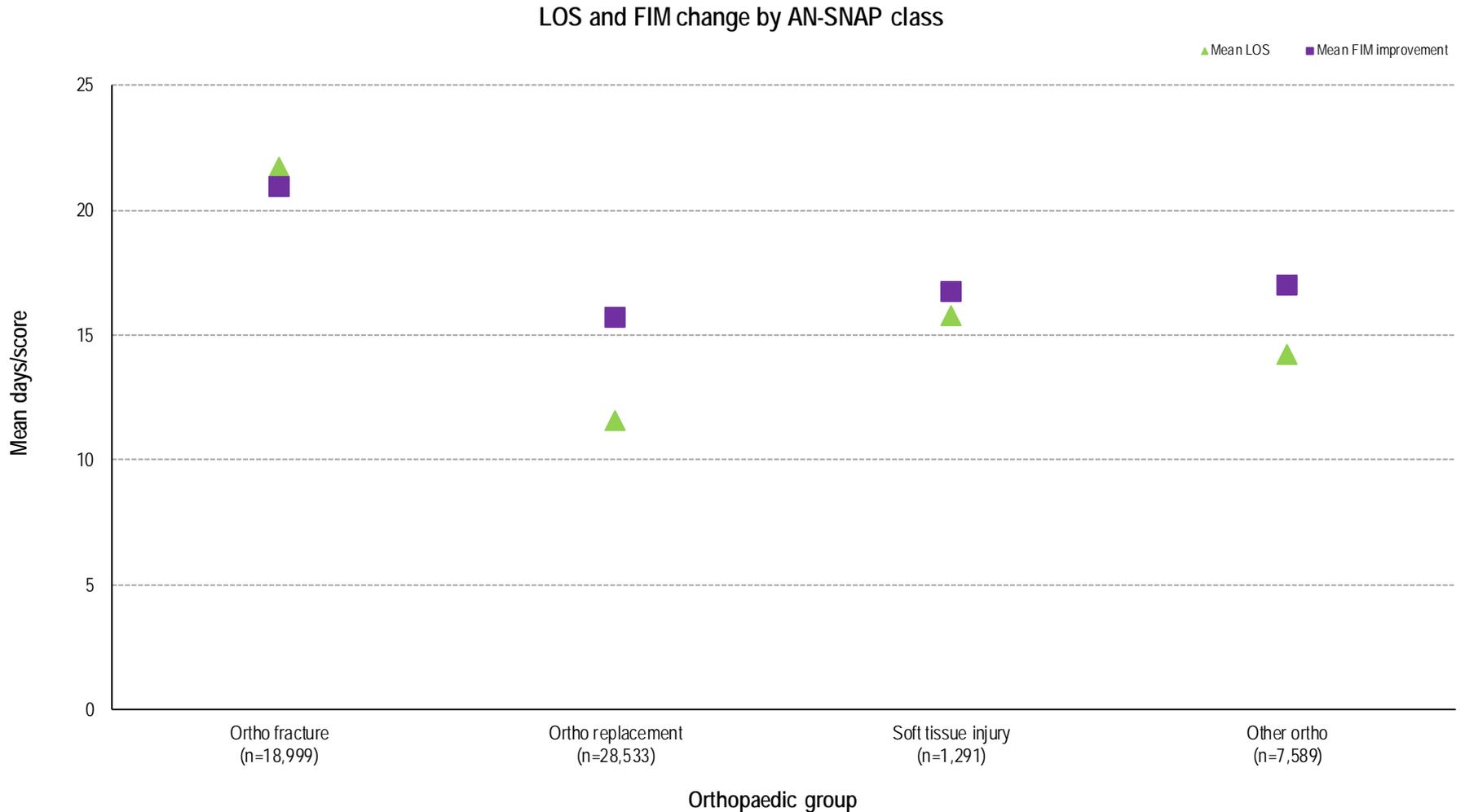
Change in outcome measures in orthopaedic conditions, 2014 to 2015

Difference from 2014 data - All orthopaedic conditions

2014

Measure	2014 value
Age (years)	73.7
Length of stay (days)	15.6
FIM admission score	93.3
FIM discharge score	110.8
FIM change (adm to disch)	17.4
FIM efficiency (per week)	7.8
Disch to community (%)	93.9

2014 (n = 52,957)
2015 (n = 56,412)

Lower than 2014 data

Higher than 2014 data
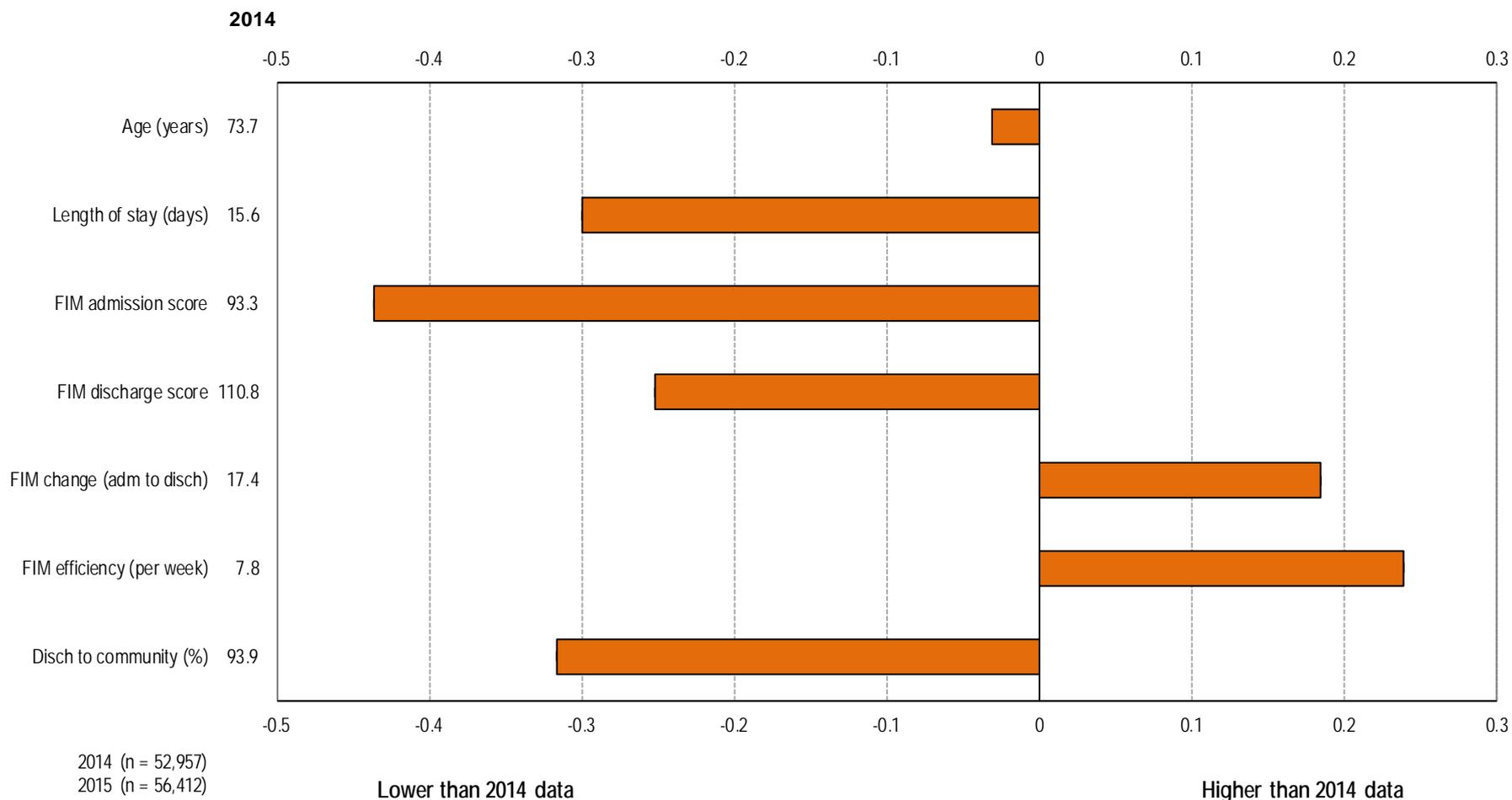
Pulmonary episodes over time

Number of episodes by quarter - Pulmonary
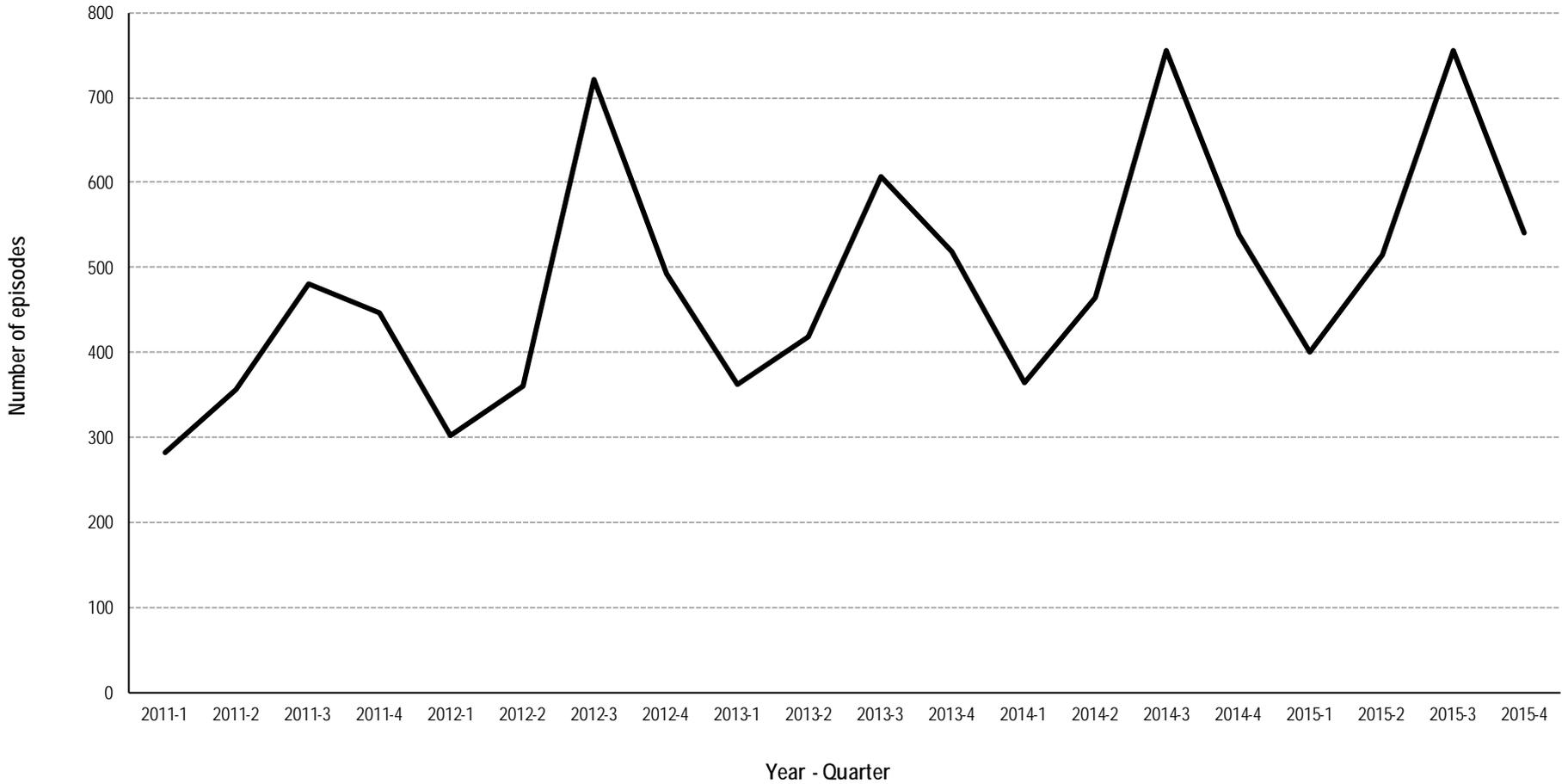
Pulmonary casemix over time
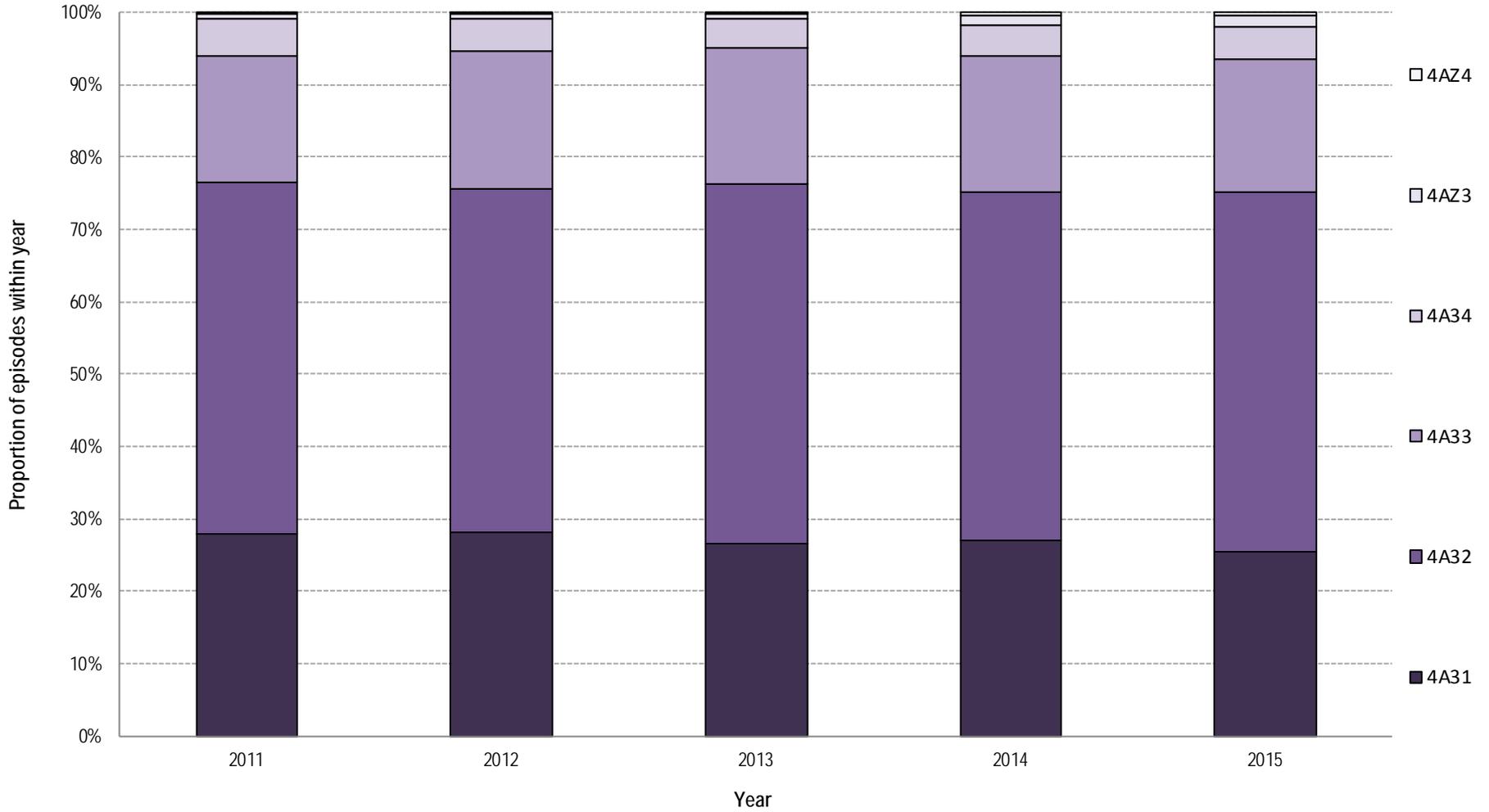
Pulmonary episodes in 2015

AN-SNAP class:	4A31	4A32	4A33	4A34	4AZ3	4AZ4	All Pulmonary
Number of episodes	563	1,096	407	99	33	9	2,211
Proportion of episodes	25.5%	49.6%	18.4%	4.5%	1.5%	0.4%	100.0%
Sector (%)							
Private	*69.3%*	*64.1%*	*46.2%*	*27.3%*	*21.2%*	*11.1%*	*59.6%*
Public	*30.7%*	*35.9%*	*53.8%*	*72.7%*	*78.8%*	*88.9%*	*40.4%*
Gender (%)							
Female	*58.3%*	*58.9%*	*54.1%*	*44.4%*	*48.5%*	*44.4%*	*56.9%*
Male	*41.7%*	*41.1%*	*45.9%*	*55.6%*	*51.5%*	*55.6%*	*43.1%*
Age (Mean+95%CI)	76.8 (75.9-77.7)	80.5 (79.9-81.1)	81.1 (80.0-82.3)	79.2 (77.2-81.3)	82.6 (79.6-85.7)	52.4 (41.6-63.1)	79.6 (79.1-80.0)
Admission FIM (Mean+95%CI)	108.3 (107.7-108.8)	91.8 (91.3-92.2)	71.6 (70.5-72.6)	49.4 (47.1-51.6)	30.5 (26.3-34.7)	35.4 (29.3-41.5)	90.5 (89.7-91.3)
LOS (Mean+95%CI)	11.6 (11.1-12.1)	14.2 (13.8-14.7)	18.0 (16.8-19.1)	21.6 (18.6-24.6)	24.3 (19.1-29.4)	30.9 (8.4-53.4)	14.6 (14.2-15.0)
Discharge destination (%)							
Discharged to community	*93.8%*	*90.6%*	*82.5%*	*68.4%*	*63.0%*	*88.9%*	*88.6%*
Remaining in hospital system	*6.2%*	*9.4%*	*17.5%*	*31.6%*	*37.0%*	*11.1%*	*11.4%*
FIM change (Mean+95%CI)	10.0 (9.4-10.6)	17.4 (16.9-17.9)	22.5 (21.0-24.0)	22.3 (17.8-26.7)	17.8 (7.0-28.6)	41.9 (23.0-60.8)	16.6 (16.1-17.1)
FIM efficiency (FIM change/LOS)	0.9	1.2	1.3	1.0	0.7	1.4	1.1

Pulmonary discharge destination by AN-SNAP class

Discharge destination - Pulmonary
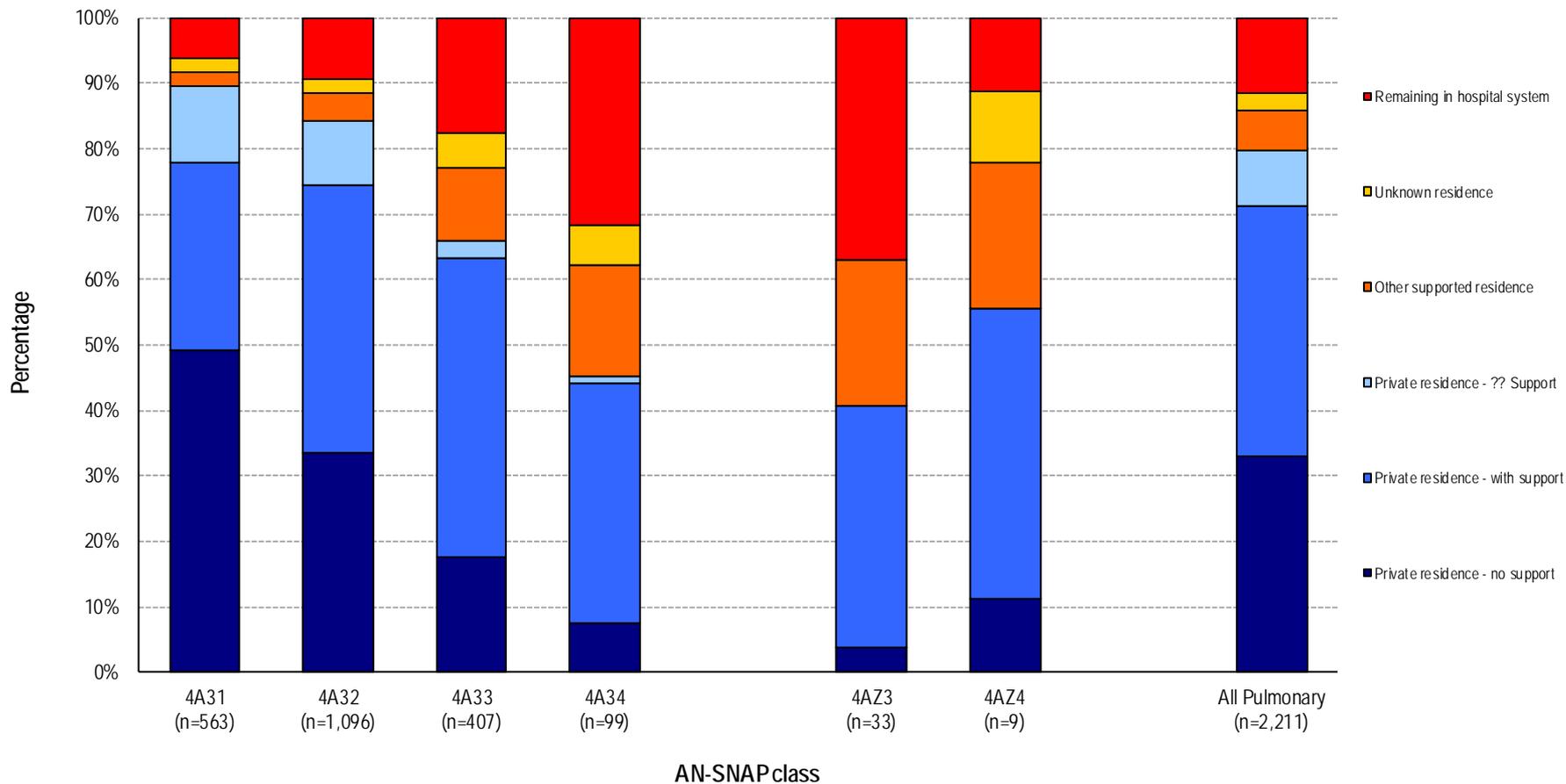
Pulmonary LOS and FIM change by AN-SNAP class

LOS and FIM change by AN-SNAP class

# Change in outcome measures in pulmonary, 2014 to 2015

Difference from 2014 data - All Pulmonary
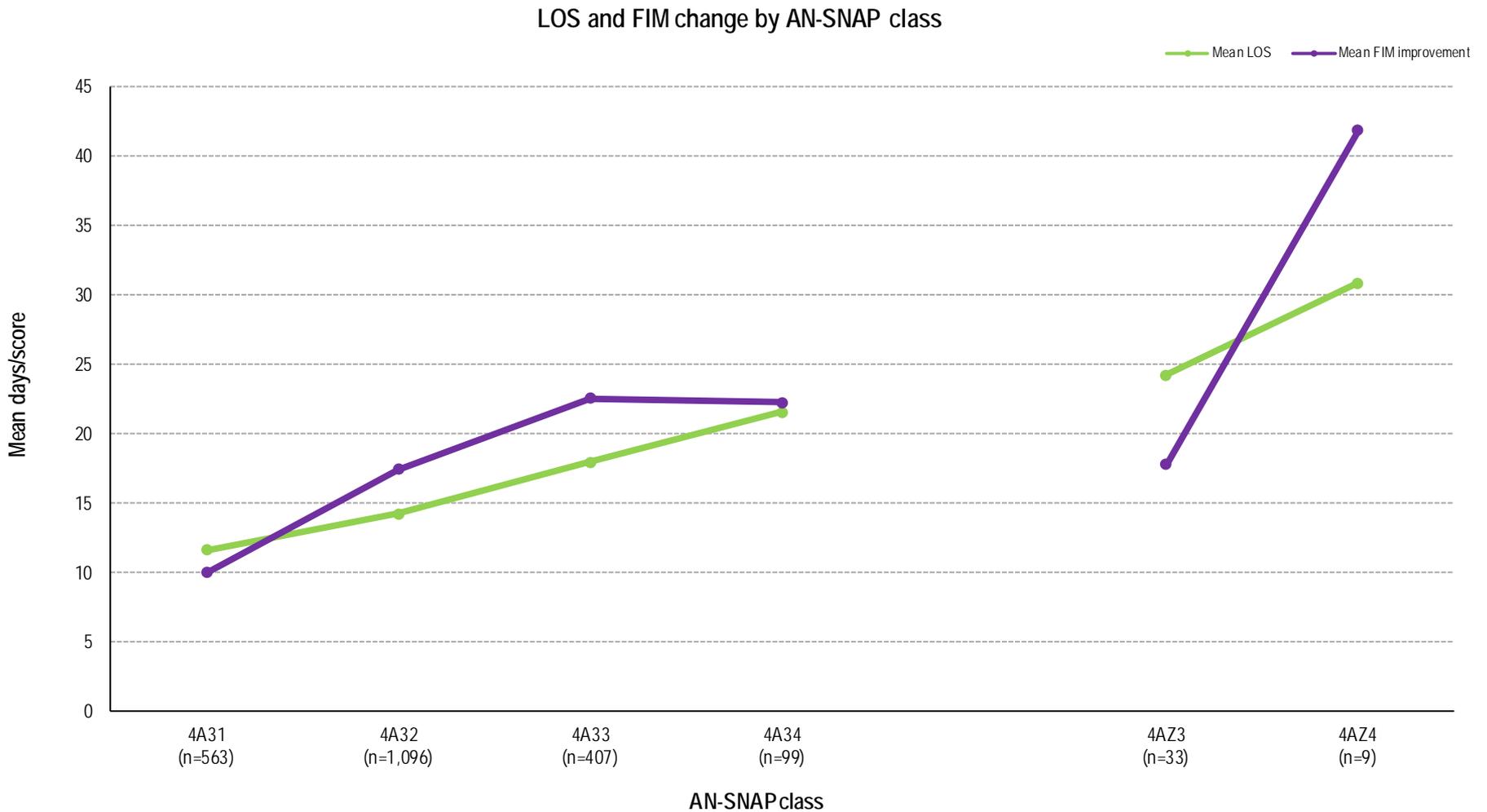
Reconditioning episodes over time

Number of episodes by quarter - Reconditioning
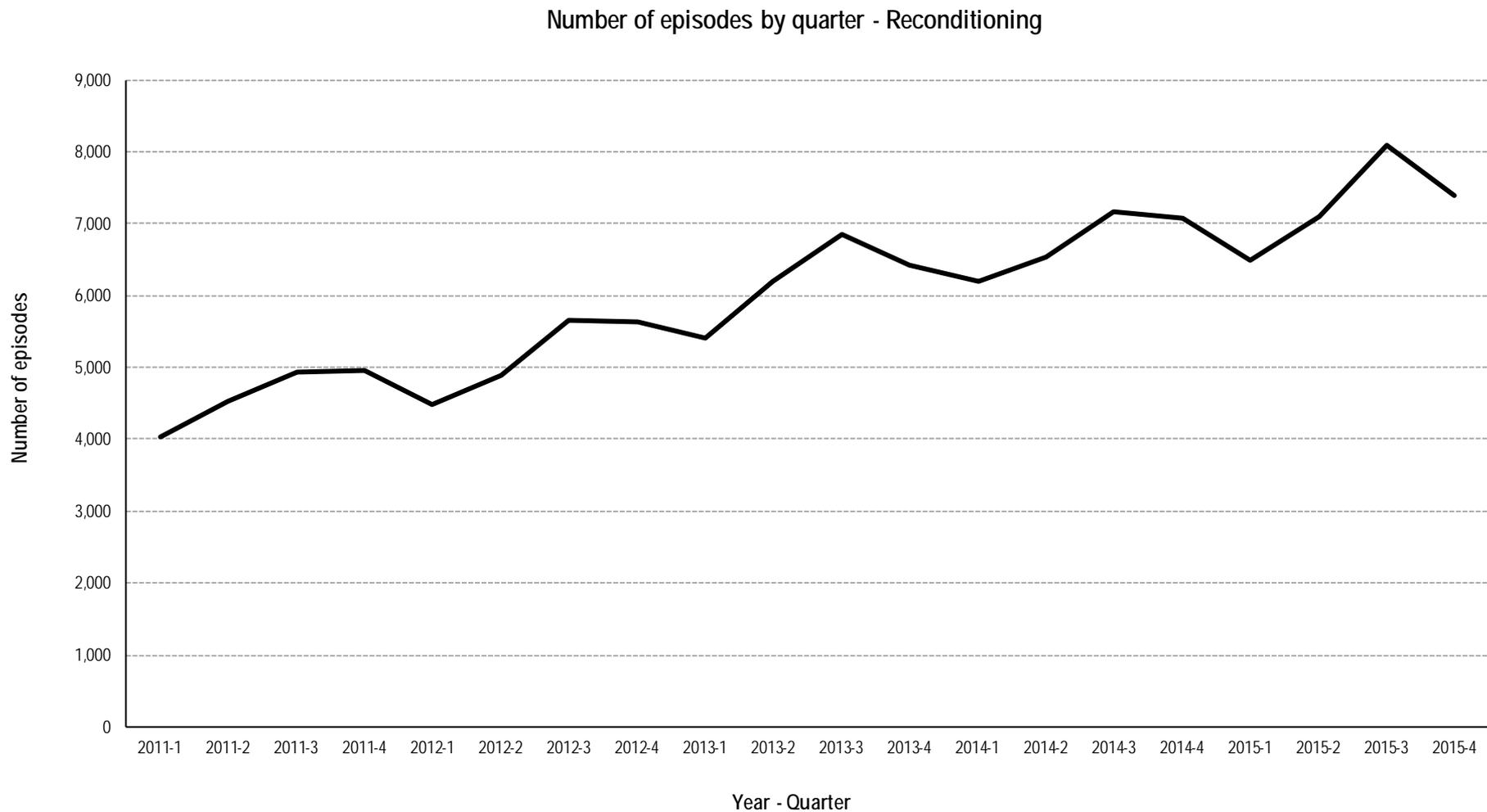
Reconditioning casemix over time
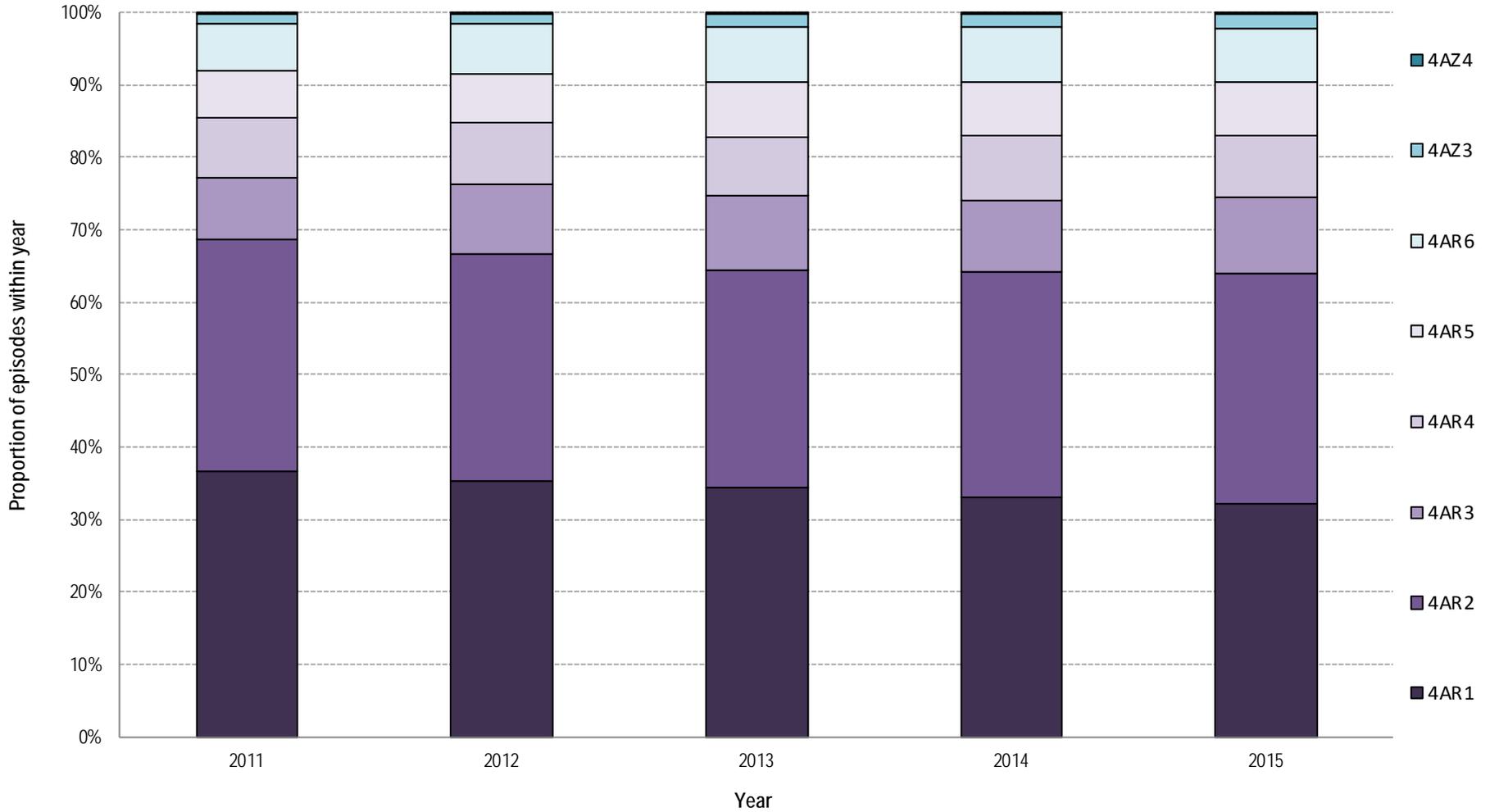
Reconditioning episodes in 2015

AN-SNAP class:	4AR1	4AR2	4AR3	4AR4	4AR5	4AR6	4AZ3	4AZ4	All Reconditioning
Number of episodes	9,368	9,205	3,066	2,444	2,183	2,105	560	86	29,058
Proportion of episodes	32.2%	31.7%	10.6%	8.4%	7.5%	7.2%	1.9%	0.3%	100.0%
Sector (%)									
Private	*70.6%*	*65.2%*	*49.0%*	*46.7%*	*39.7%*	*30.8%*	*28.8%*	*15.1%*	*58.4%*
Public	*29.4%*	*34.8%*	*51.0%*	*53.3%*	*60.3%*	*69.2%*	*71.3%*	*84.9%*	*41.6%*
Gender (%)									
Female	*56.3%*	*60.3%*	*52.8%*	*55.0%*	*52.3%*	*51.4%*	*48.8%*	*51.2%*	*56.3%*
Male	*43.7%*	*39.7%*	*47.2%*	*45.0%*	*47.7%*	*48.6%*	*51.3%*	*48.8%*	*43.7%*
Age (Mean+95%CI)	77.1 (76.9-77.4)	81.1 (80.8-81.3)	82.4 (82.1-82.8)	79.5 (79.0-80.0)	82.5 (82.1-83.0)	78.9 (78.3-79.4)	81.4 (80.7-82.1)	53.0 (50.7-55.3)	79.7 (79.5-79.8)
Admission FIM (Mean+95%CI)	104.5 (104.3-104.7)	89.4 (89.3-89.5)	77.3 (77.0-77.5)	72.7 (72.5-73.0)	61.0 (60.6-61.3)	49.9 (49.4-50.4)	31.4 (30.3-32.4)	36.1 (33.0-39.2)	86.8 (86.6-87.0)
LOS (Mean+95%CI)	12.9 (12.7-13.1)	16.5 (16.3-16.7)	18.1 (17.7-18.6)	22.3 (21.6-22.9)	22.1 (21.3-23.0)	27.8 (26.6-28.9)	26.4 (24.1-28.7)	30.0 (24.1-36.0)	17.1 (16.9-17.3)
Discharge destination (%)									
Discharged to community	*93.0%*	*88.3%*	*85.5%*	*77.7%*	*79.3%*	*71.7%*	*62.5%*	*58.8%*	*86.2%*
Remaining in hospital system	*7.0%*	*11.7%*	*14.5%*	*22.3%*	*20.7%*	*28.3%*	*37.5%*	*41.2%*	*13.8%*
FIM change (Mean+95%CI)	10.4 (10.2-10.5)	17.9 (17.7-18.1)	18.1 (17.6-18.5)	22.9 (22.3-23.5)	20.8 (20.1-21.5)	24.4 (23.5-25.4)	21.9 (19.3-24.6)	27.6 (20.8-34.5)	16.4 (16.2-16.5)
FIM efficiency (FIM change/LOS)	0.8	1.1	1.0	1.0	0.9	0.9	0.8	0.9	1.0

Reconditioning discharge destination by AN-SNAP class

Discharge destination - Reconditioning
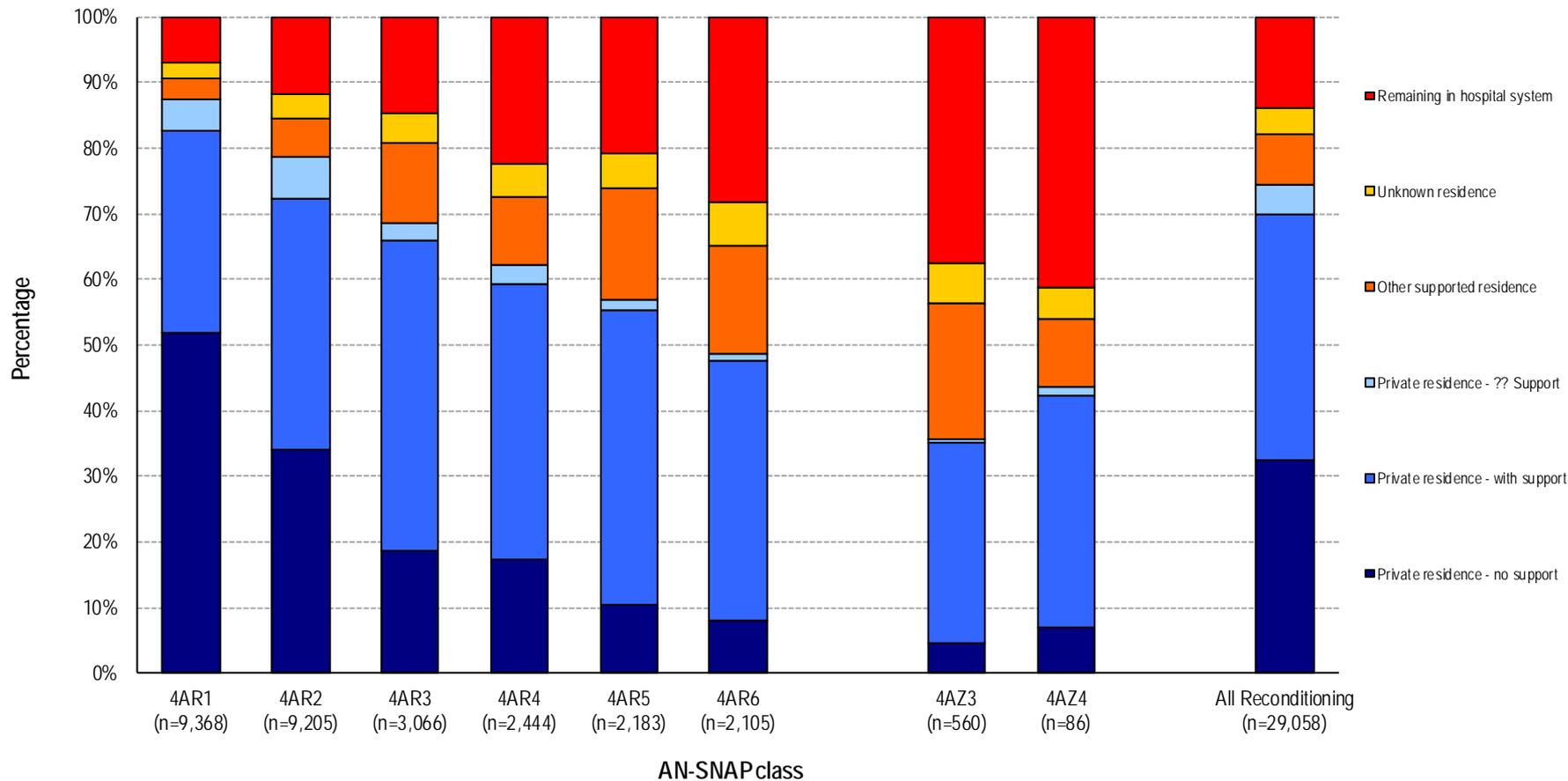
Reconditioning LOS and FIM change by AN-SNAP class

LOS and FIM change by AN-SNAP class

Legend: Mean LOS — Mean FIM improvement
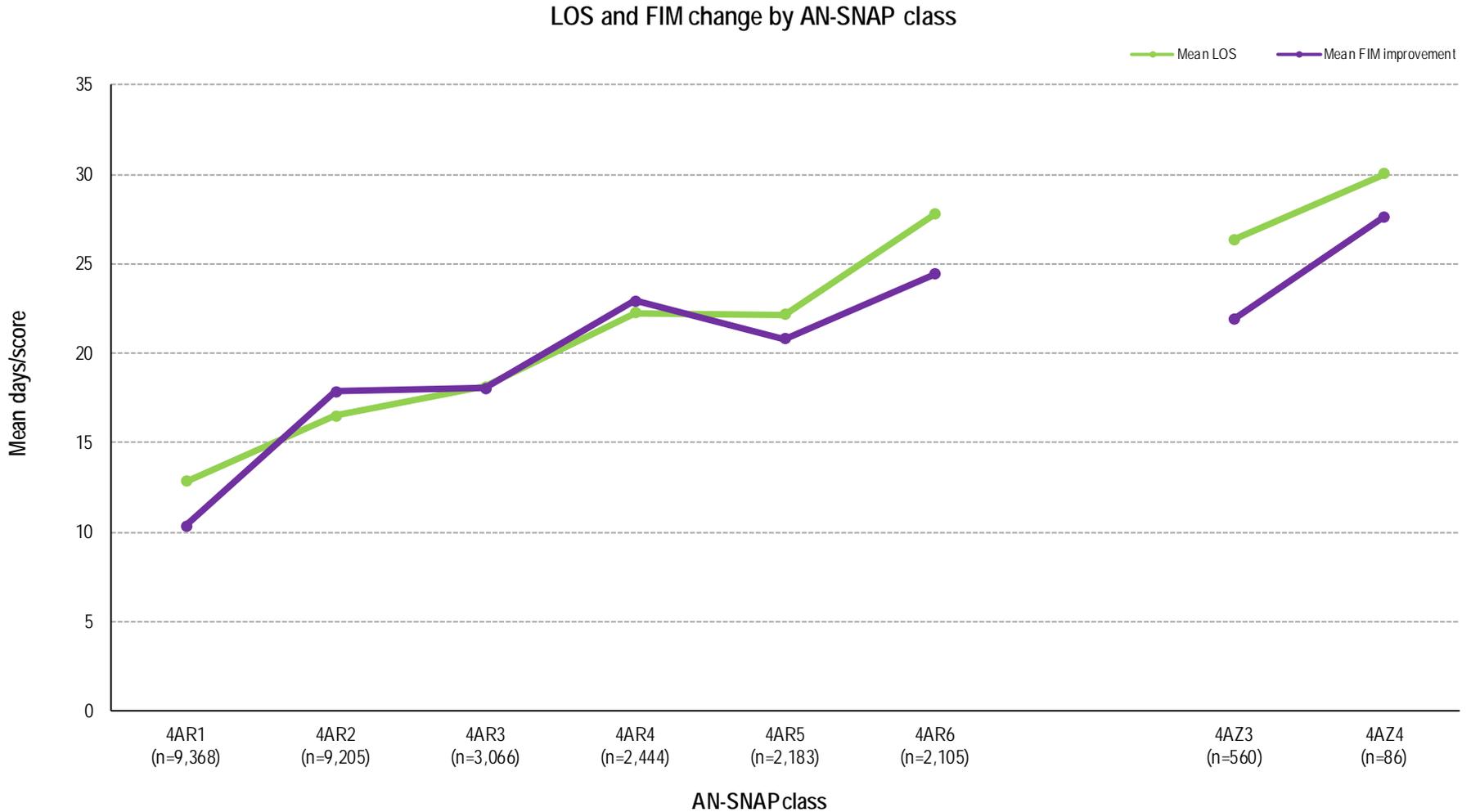
Change in outcome measures in reconditioning, 2014 to 2015

Difference from 2014 data - All Reconditioning

2014

Measure	2014 value
Age (years)	79.6
Length of stay (days)	17.2
FIM admission score	86.9
FIM discharge score	103.3
FIM change (adm to disch)	16.4
FIM efficiency (per week)	6.7
Disch to community (%)	86.3

2014 (n = 26,982)
2015 (n = 29,058)

Lower than 2014 data

Higher than 2014 data

Other impairment episodes over time

Number of episodes by quarter - Other impairments
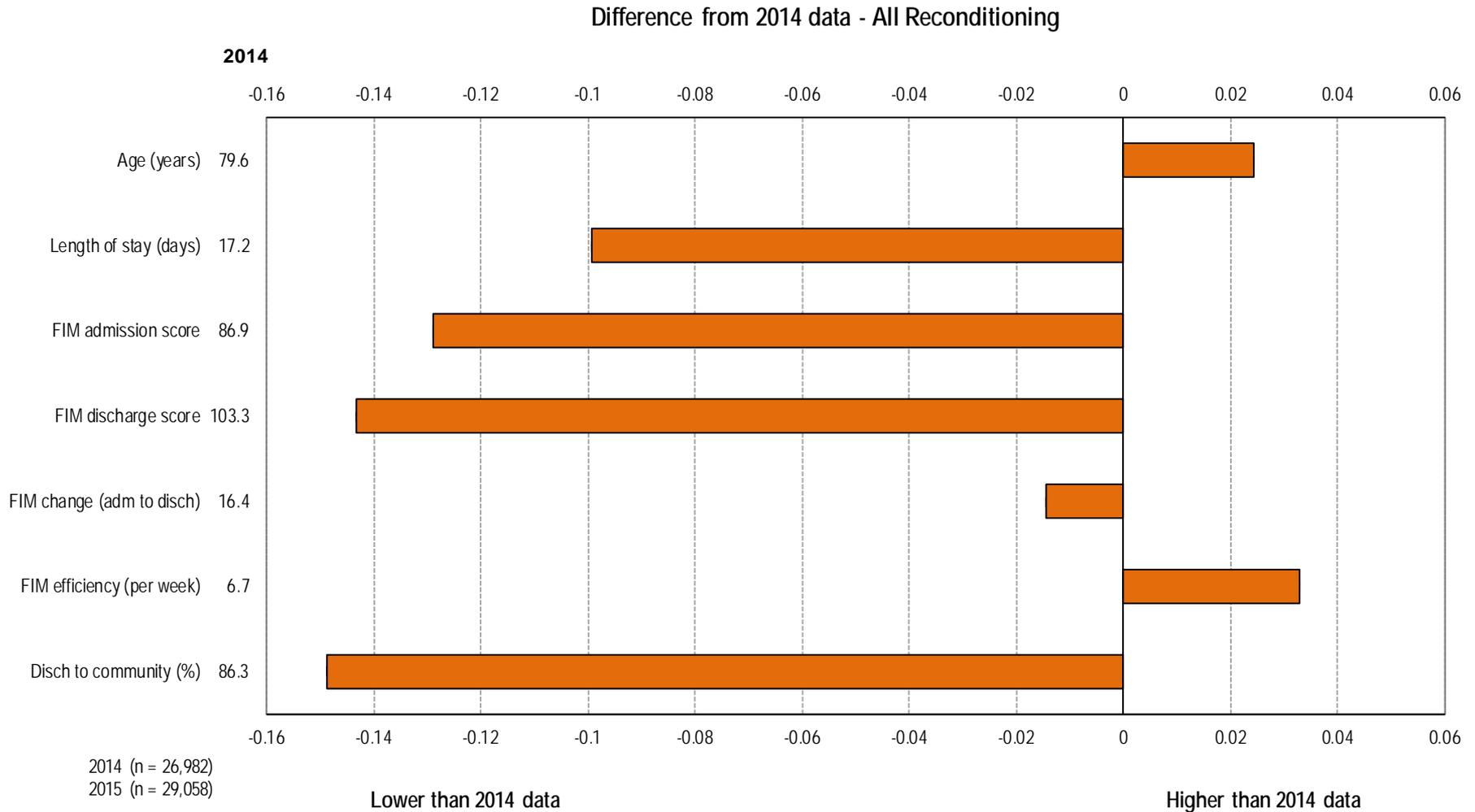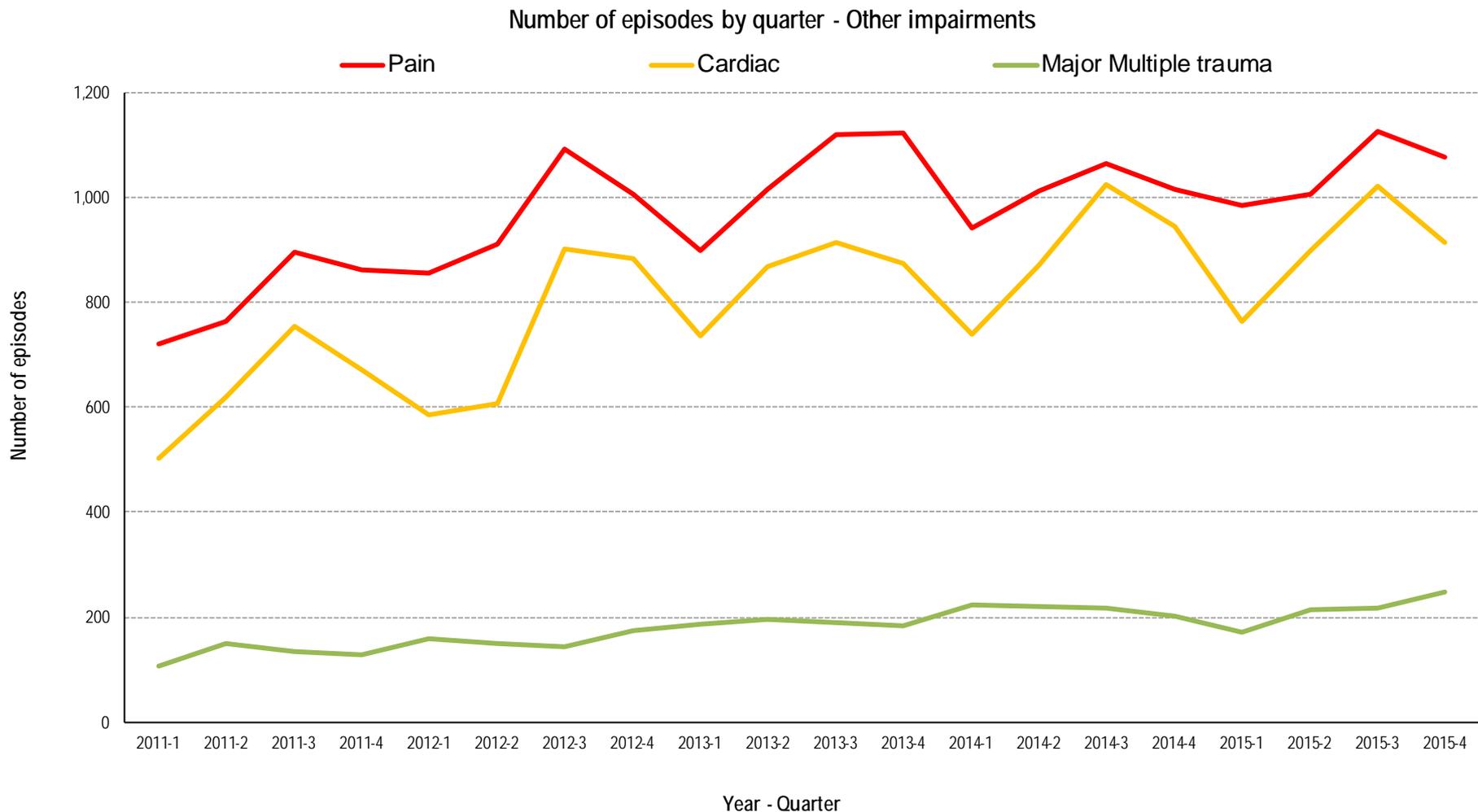
Other impairments casemix over time
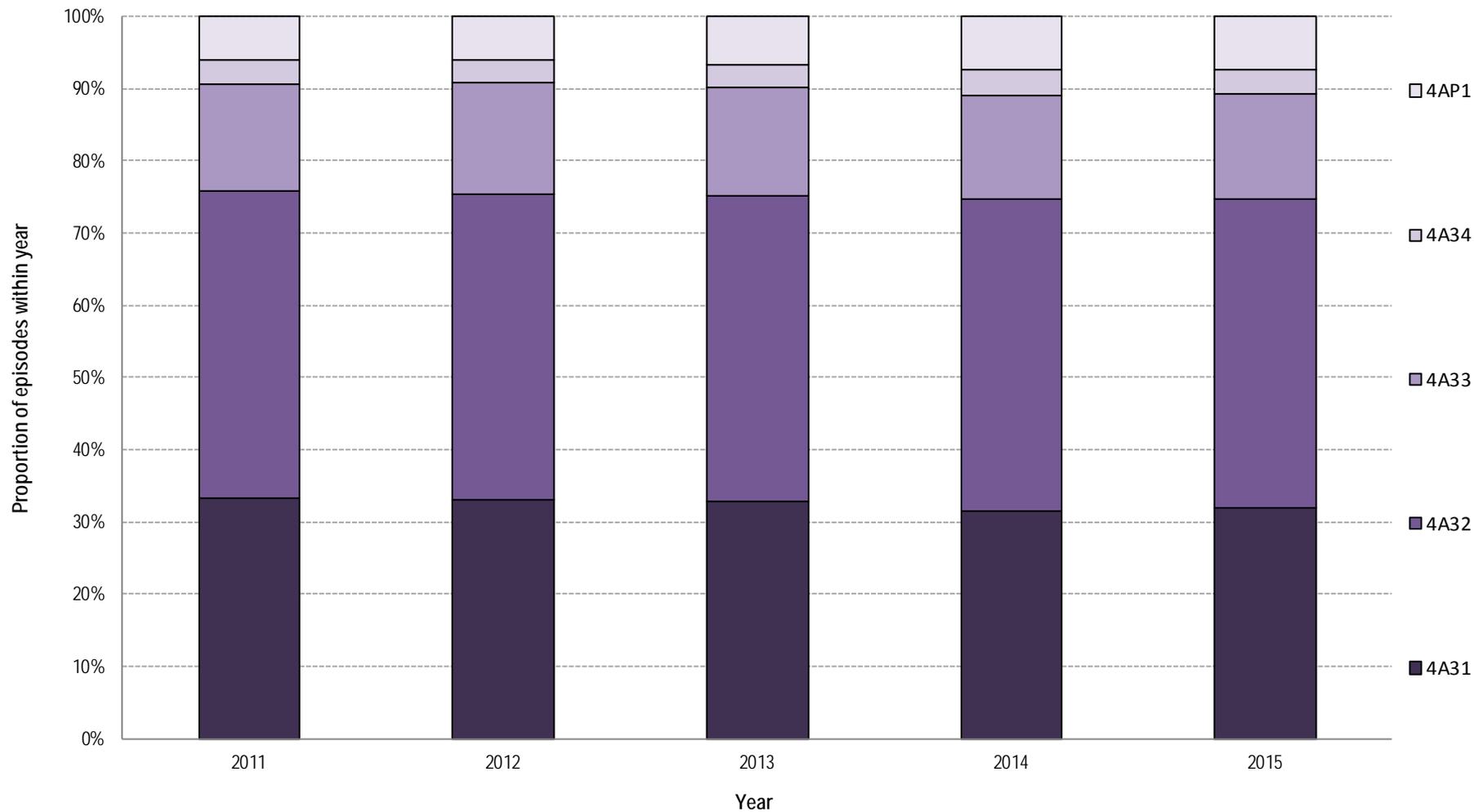
Other impairment episodes in 2015

AN-SNAP class:	Pain	Cardiac	MMT	Burns	Congenital deformity	Developmental disability
Number of episodes	4,191	3,592	850	67	24	12
Proportion of total episodes in 2015	3.6%	3.1%	0.7%	0.1%	0.0%	0.0%
Sector (%)						
Private	*73.2%*	*72.4%*	*47.8%*	*17.9%*	*20.8%*	*16.7%*
Public	*26.8%*	*27.6%*	*52.2%*	*82.1%*	*79.2%*	*83.3%*
Gender (%)						
Female	*67.9%*	*45.7%*	*32.9%*	*34.3%*	*70.8%*	*41.7%*
Male	*32.1%*	*54.3%*	*67.1%*	*65.7%*	*29.2%*	*58.3%*
Age (Mean+95%CI)	71.6 (71.0-72.1)	79.2 (78.9-79.6)	50.5 (49.1-51.9)	57.6 (52.1-63.1)	56.8 (47.8-65.8)	58.8 (44.9-72.6)
Admission FIM (Mean+95%CI)	97.4 (96.9-98.0)	94.2 (93.7-94.8)	78.9 (77.1-80.6)	85.1 (78.9-91.2)	72.9 (63.3-82.4)	62.8 (39.3-86.2)
LOS (Mean+95%CI)	14.7 (14.4-14.9)	13.7 (13.4-14.1)	41.1 (37.5-44.6)	25.4 (19.9-30.9)	37.7 (18.0-57.3)	21.8 (11.2-32.3)
Discharge destination (%)						
Discharged to community	*92.2%*	*88.6%*	*86.5%*	*78.8%*	*91.7%*	*83.3%*
Remaining in hospital system	*7.8%*	*11.4%*	*13.5%*	*21.2%*	*8.3%*	*16.7%*
FIM change (Mean+95%CI)	13.7 (13.3-14.0)	17.1 (16.7-17.4)	31.3 (29.7-32.8)	20.2 (15.8-24.5)	17.9 (12.1-23.7)	15.3 (3.4-27.3)
FIM efficiency (FIM change/LOS)	0.9	1.2	0.8	0.8	0.5	0.7

Other impairment discharge destination by impairment group

Discharge destination - Other impairments
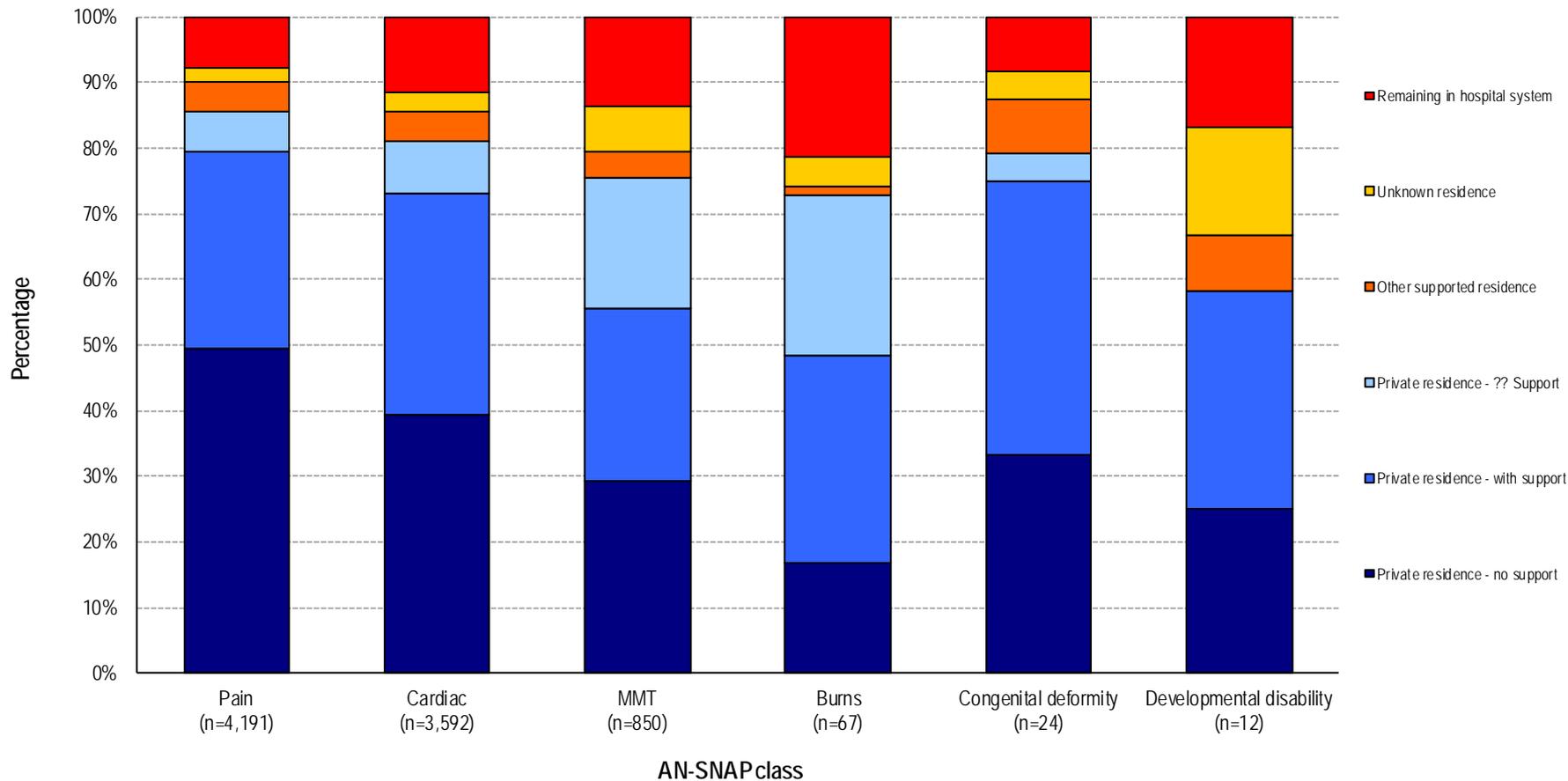
Other impairment LOS and FIM change by impairment group

LOS and FIM change by AN-SNAP class

Change in outcome measures in pain, 2014 to 2015

Difference from 2014 data - Pain

2014

Age (years)	72.3	
Length of stay (days)	15.0	
FIM admission score	96.5	
FIM discharge score	110.9	
FIM change (adm to disch)	14.4	
FIM efficiency (per week)	6.7	
Disch to community (%)	93.1	

2014 (n = 4,033)
2015 (n = 4,191)

Lower than 2014 data   Higher than 2014 data

Change in outcome measures in cardiac, 2014 to 2015

Difference from 2014 data - Cardiac

2014

Measure	2014 value
Age (years)	79.3
Length of stay (days)	14.2
FIM admission score	94.6
FIM discharge score	111.5
FIM change (adm to disch)	16.9
FIM efficiency (per week)	8.4
Disch to community (%)	89.0

2014 (n = 3,577)
2015 (n = 3,592)

Lower than 2014 data

Higher than 2014 data

Change in outcome measures in MMT, 2014 to 2015

Difference from 2014 data - Major multiple trauma

2014

	2014
Age (years)	49.9
Length of stay (days)	37.5
FIM admission score	78.5
FIM discharge score	110.2
FIM change (adm to disch)	31.7
FIM efficiency (per week)	5.9
Disch to community (%)	85.9

2014 (n = 865)
2015 (n = 850)

Lower than 2014 data

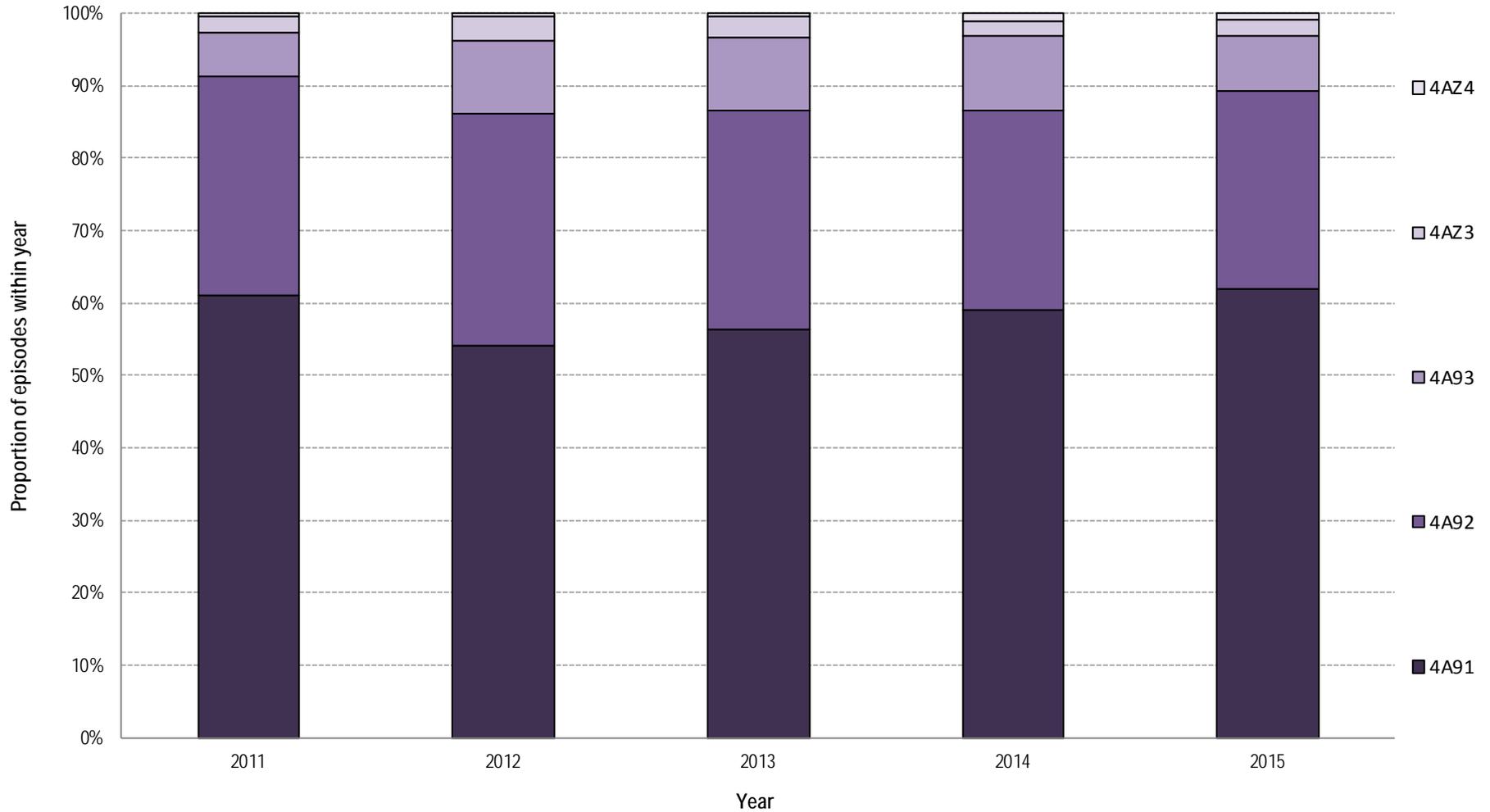Higher than 2014 data

Other disabling impairment episodes over time

Number of episodes by quarter - Other disabling impairments
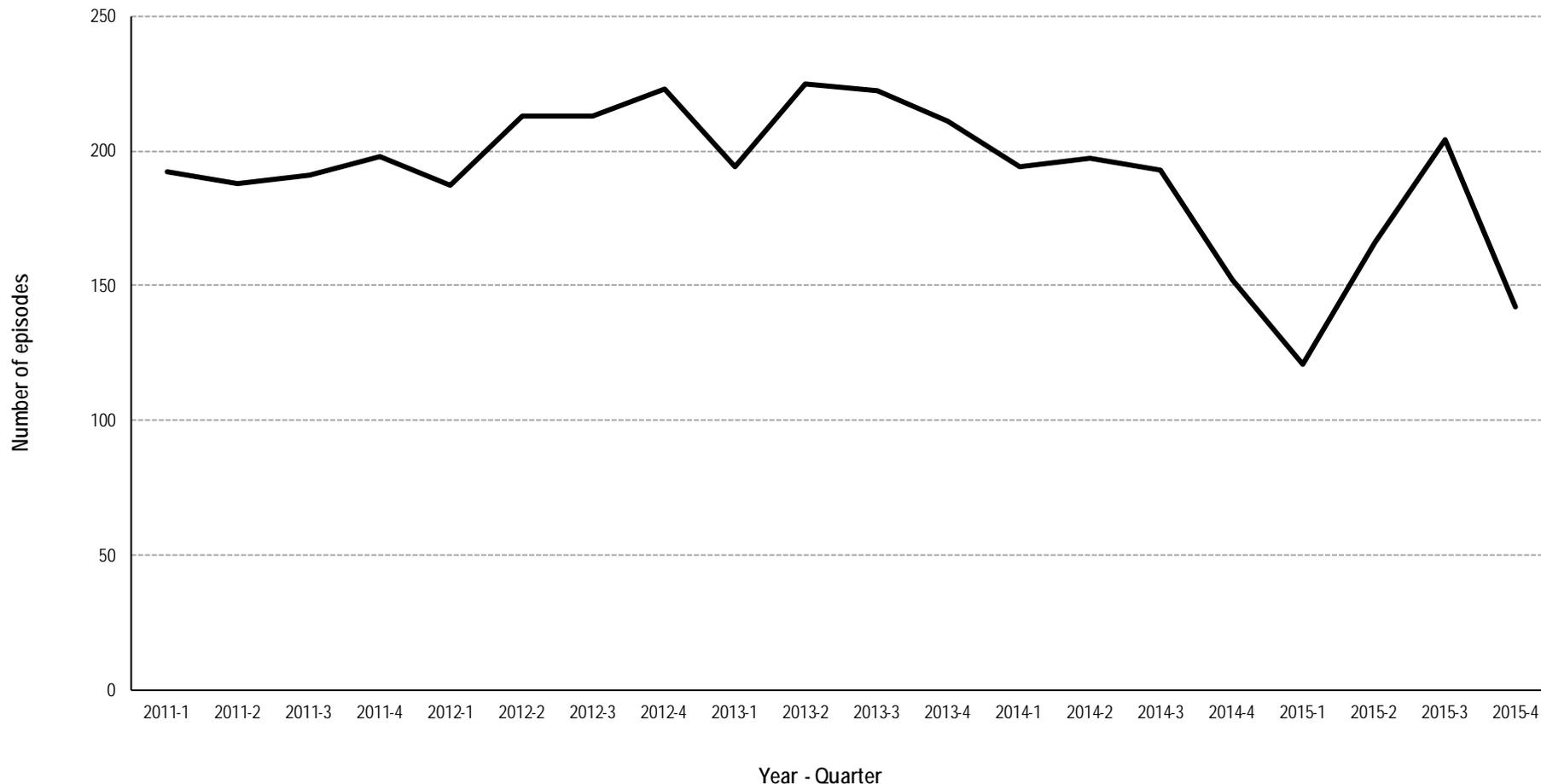
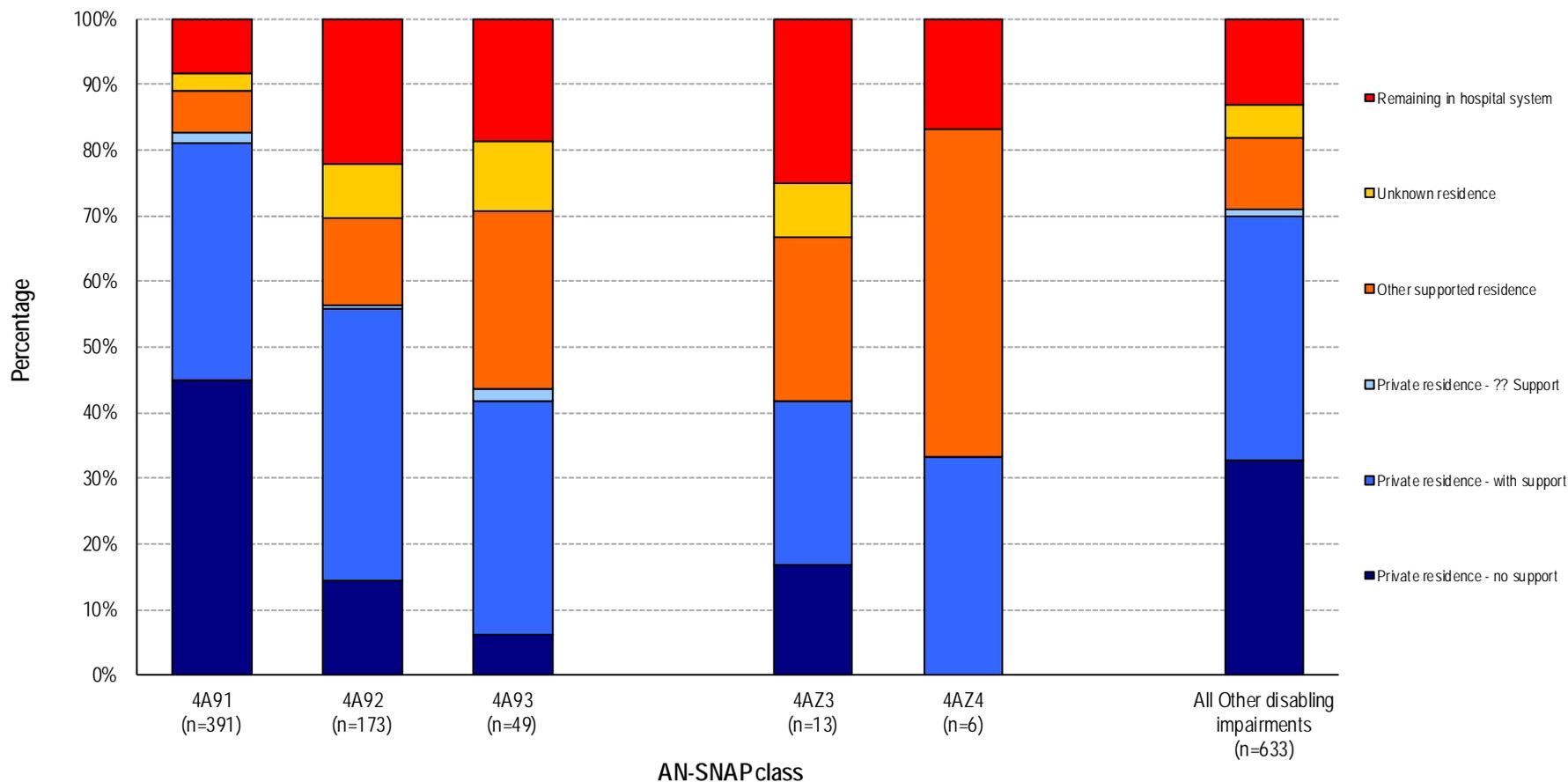# Other disabling impairments casemix over time
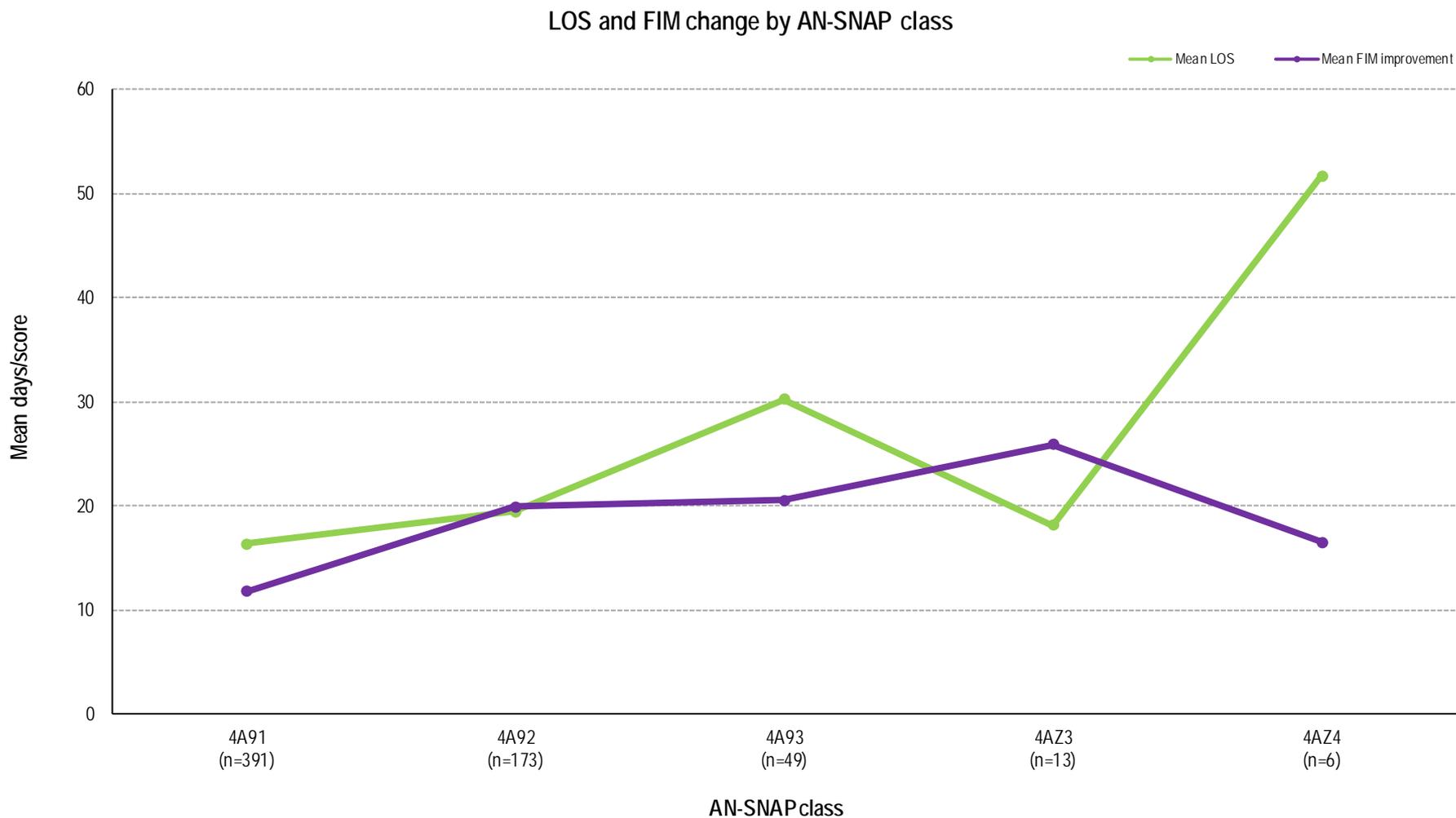
Other disabling impairment episodes in 2015

AN-SNAP class:	4A91	4A92	4A93	4AZ3	4AZ4	All Other disabling impairments
Number of episodes	391	173	49	13	6	633
Proportion of episodes	61.8%	27.3%	7.7%	2.1%	0.9%	100.0%
Sector (%)						
Private	*33.8%*	*12.7%*	*10.2%*	*0.0%*	*0.0%*	*25.1%*
Public	*66.2%*	*87.3%*	*89.8%*	*100.0%*	*100.0%*	*74.9%*
Gender (%)						
Female	*66.5%*	*54.3%*	*51.0%*	*46.2%*	*33.3%*	*61.1%*
Male	*33.5%*	*45.7%*	*49.0%*	*53.8%*	*66.7%*	*38.9%*
Age (Mean+95%CI)	72.0 (70.3-73.7)	76.5 (74.1-78.8)	74.7 (71.0-78.3)	78.9 (74.1-83.7)	58.0 (53.1-62.9)	73.4 (72.1-74.7)
Admission FIM (Mean+95%CI)	100.1 (98.7-101.5)	69.8 (67.8-71.8)	49.1 (45.8-52.5)	33.3 (22.3-44.2)	38.7 (34.9-42.4)	87.3 (85.4-89.3)
LOS (Mean+95%CI)	16.4 (15.1-17.6)	19.5 (16.9-22.0)	30.2 (19.9-40.6)	18.1 (10.4-25.9)	51.7 (31.2-72.1)	18.5 (17.2-19.8)
Discharge destination (%)						
Discharged to community	*91.8%*	*77.9%*	*81.3%*	*75.0%*	*83.3%*	*86.8%*
Remaining in hospital system	*8.2%*	*22.1%*	*18.8%*	*25.0%*	*16.7%*	*13.2%*
FIM change (Mean+95%CI)	11.8 (10.8-12.8)	19.9 (17.6-22.3)	20.5 (14.1-27.0)	25.9 (14.6-37.2)	16.5 (4.9-28.1)	14.7 (13.6-15.7)
FIM efficiency (FIM change/LOS)	0.7	1.0	0.7	1.4	0.3	0.8

Other disabling impairment discharge destination by AN-SNAP class

Discharge destination - Other disabling impairments

Other disabling impairment LOS and FIM change by AN-SNAP class

LOS and FIM change by AN-SNAP class

Change in outcome measures in other disabling impairments, 2014 to 2015

Difference from 2014 data - All Other disabling impairments

2014

Age (years)	73.9
Length of stay (days)	18.5
FIM admission score	85.9
FIM discharge score	101.6
FIM change (adm to disch)	15.6
FIM efficiency (per week)	5.9
Disch to community (%)	88.9

2014 (n = 736)
2015 (n = 633)

Lower than 2014 data

Higher than 2014 data

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