

aroc

The AROC Annual Report: the state of rehabilitation in Australia in 2014

Table of contents

- Introduction.....3
- Change in outcome measures.....4
- Distribution of impairments.....6
- Funding source.....9
- Outcome by impairment.....10
 - Stroke.....11
 - Brain dysfunction.....16
 - Neurological conditions.....21
 - Spinal cord dysfunction.....26
 - Amputation.....31
 - Arthritis.....36
 - Orthopaedic fractures.....41
 - Orthopaedic replacements.....46
 - All orthopaedic conditions.....51
 - Pulmonary.....56
 - Reconditioning.....61
 - Pain, Cardiac and Major multiple trauma.....66
 - Other disabling impairments.....73
- Contact AROC.....78

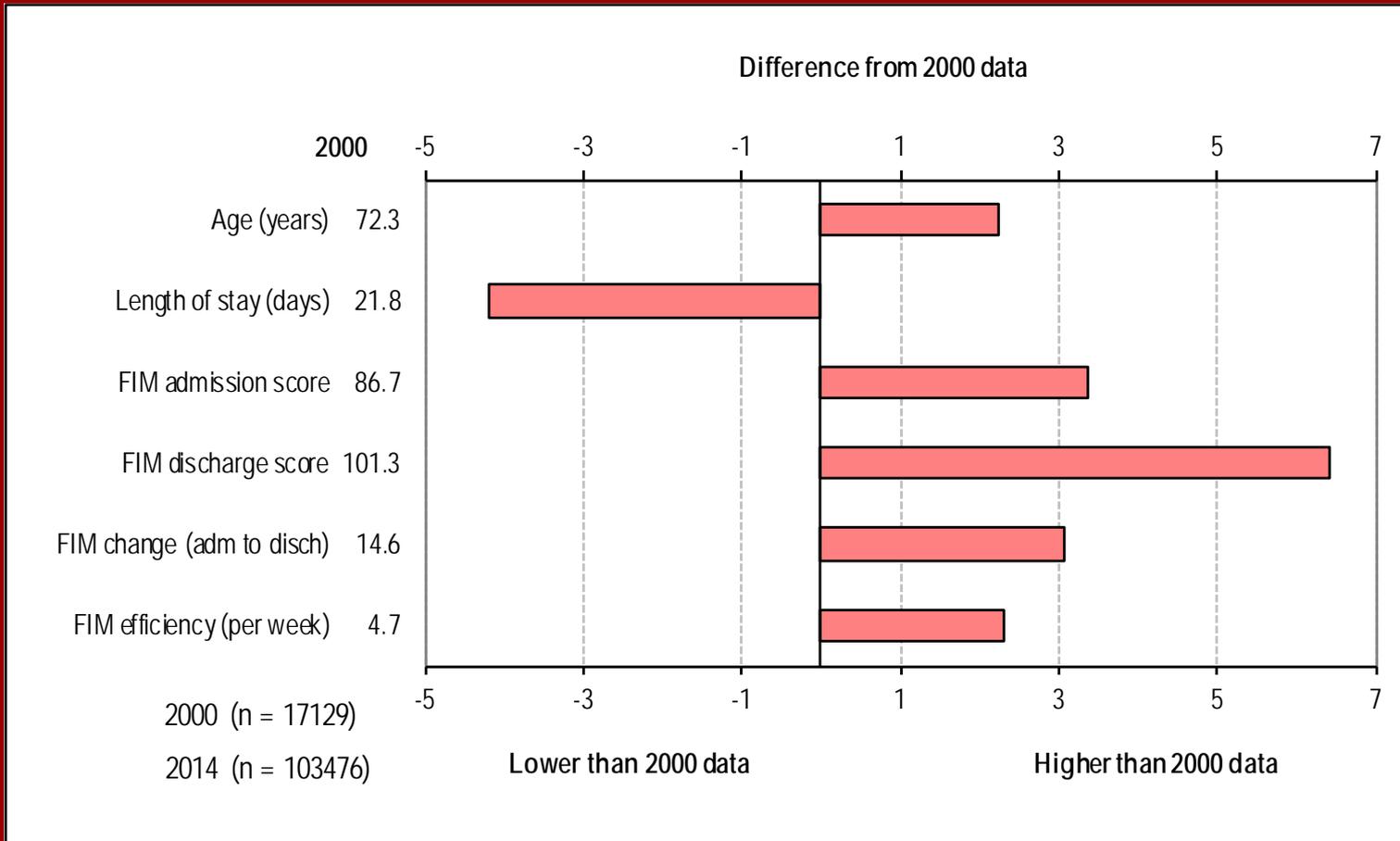
Introduction

This is the tenth 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)¹.

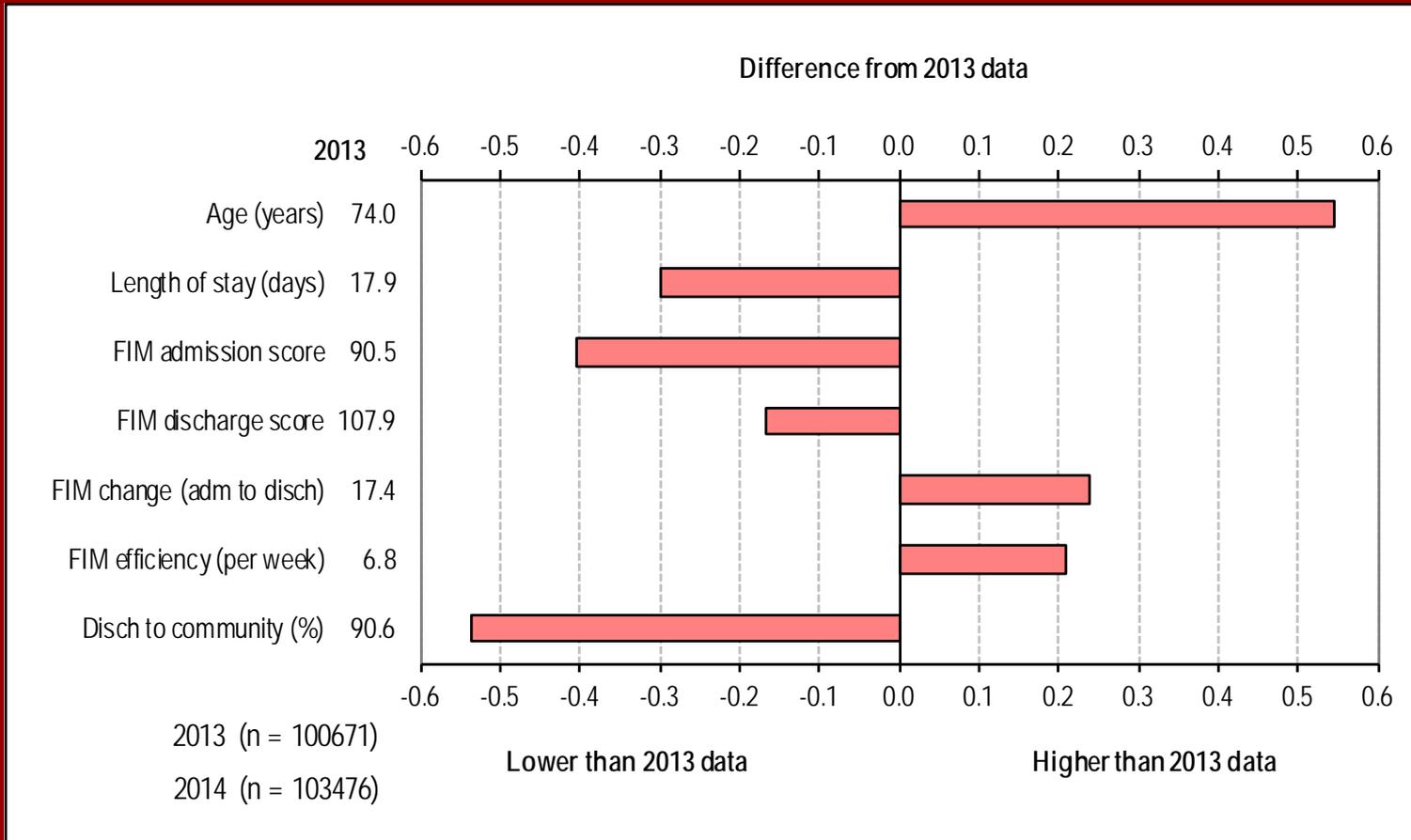
The inaugural report was published in April 2007 and described the 2005 data; this tenth instalment describes the 2014 data.

The provision of rehabilitation in Australia continues to grow in volume, with 2014 seeing a 2.0% real increase in inpatient episodes of rehabilitation provided. Once again the majority of that volume growth is coming from the reconditioning impairment group.

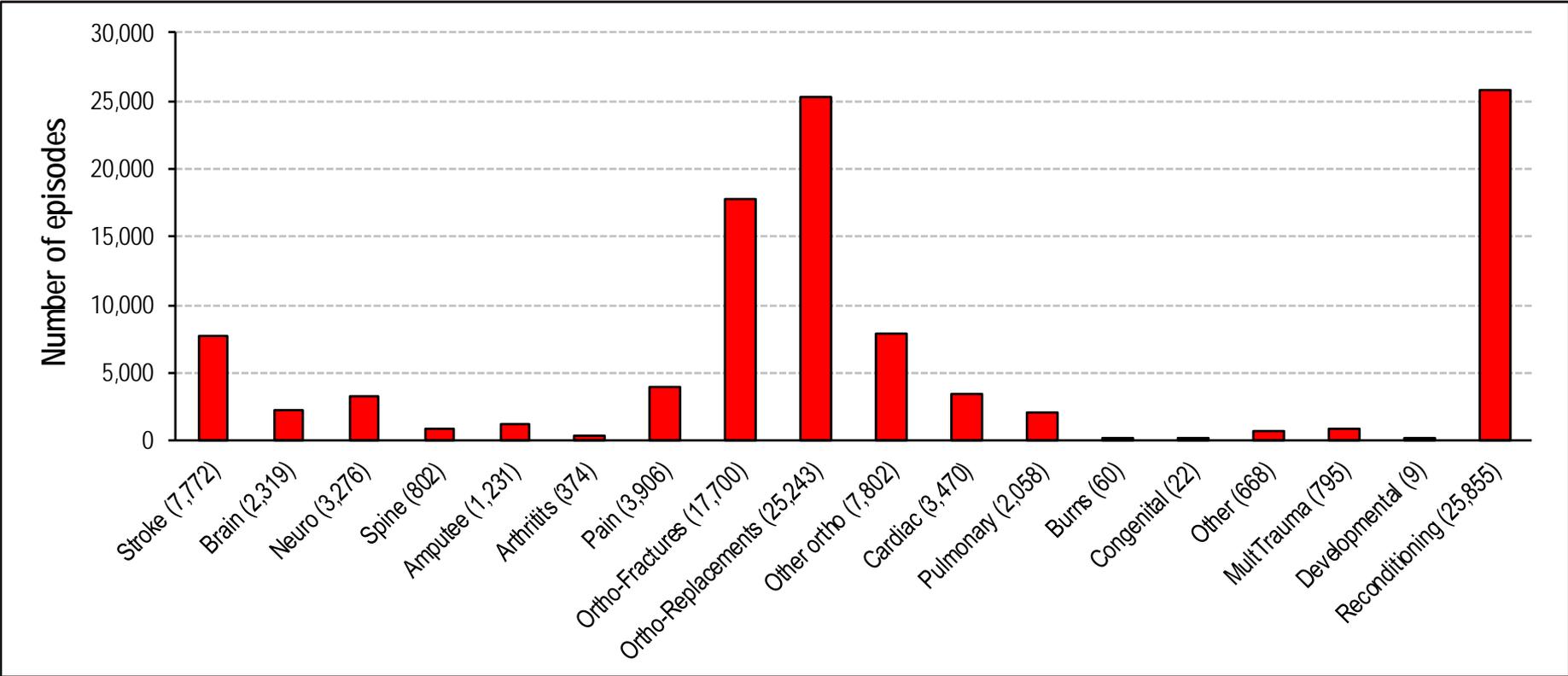
Change in outcome measures, 2000 to 2014



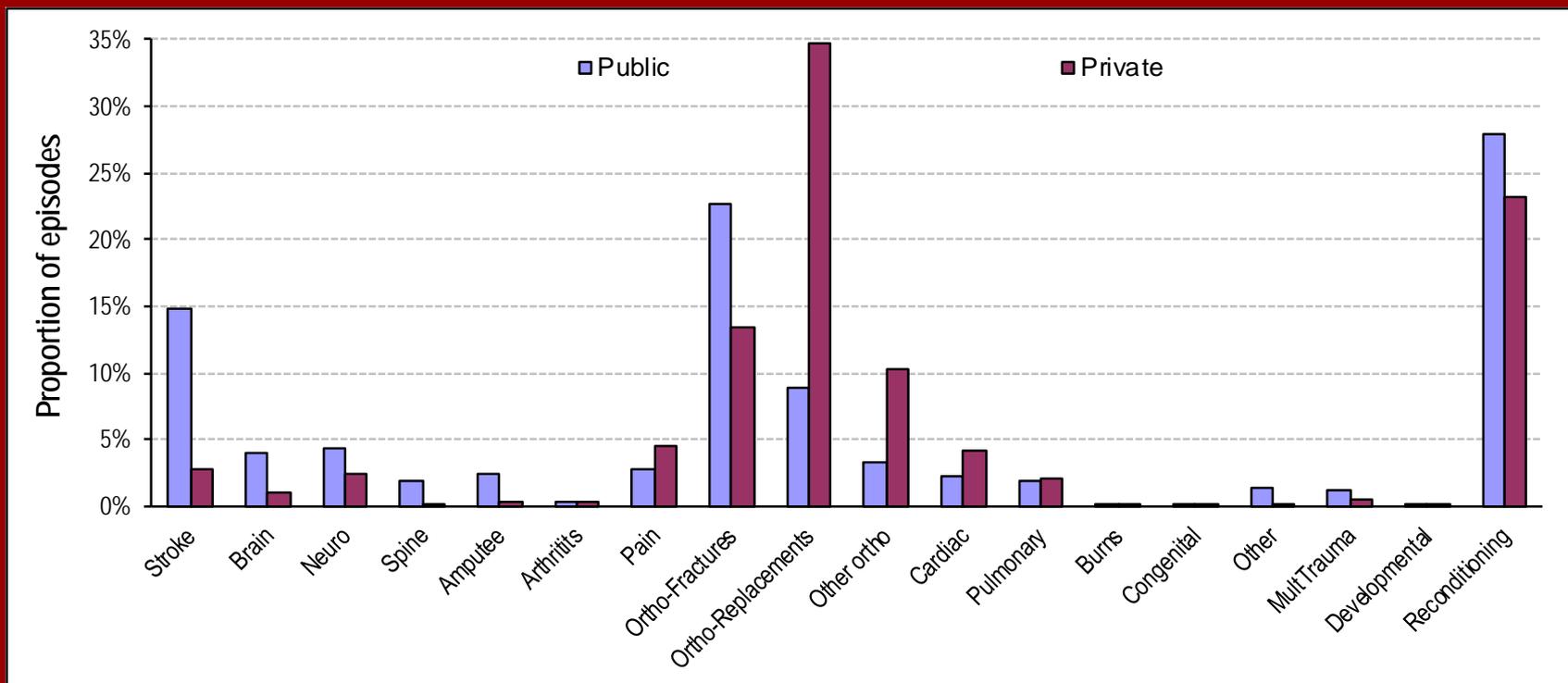
Change in outcome measures, 2013 to 2014



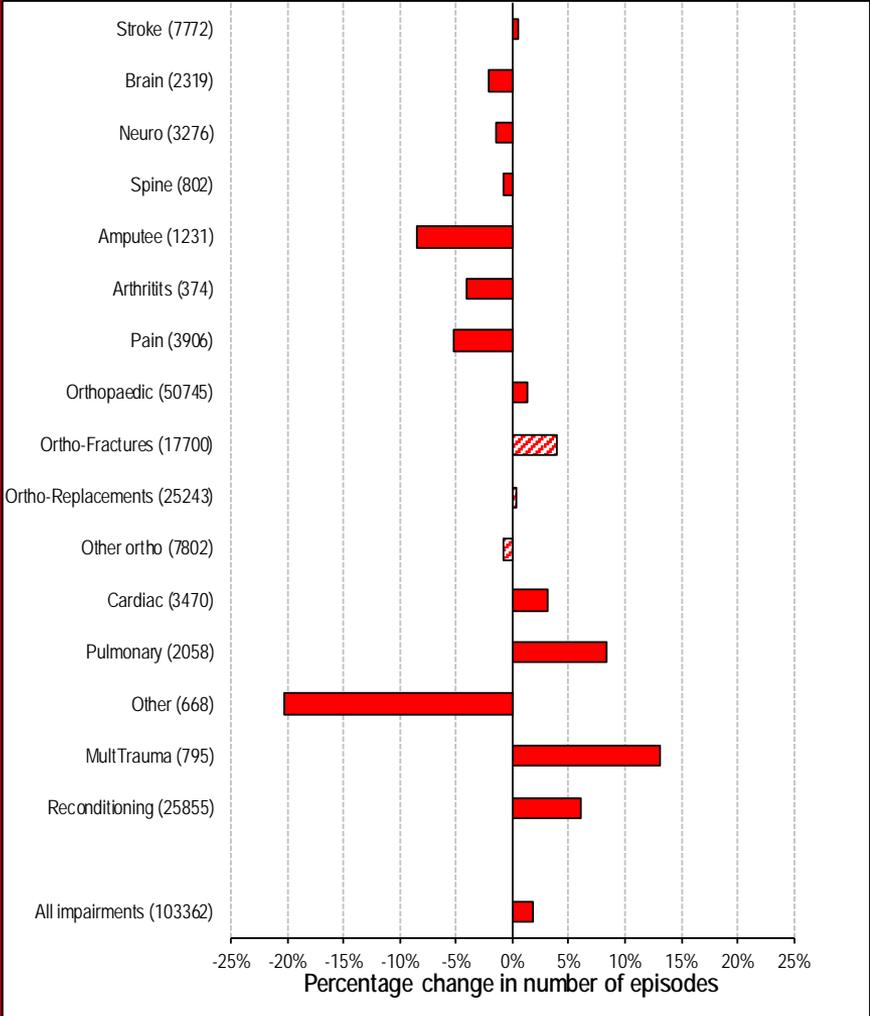
Number of episodes by impairment group, 2014



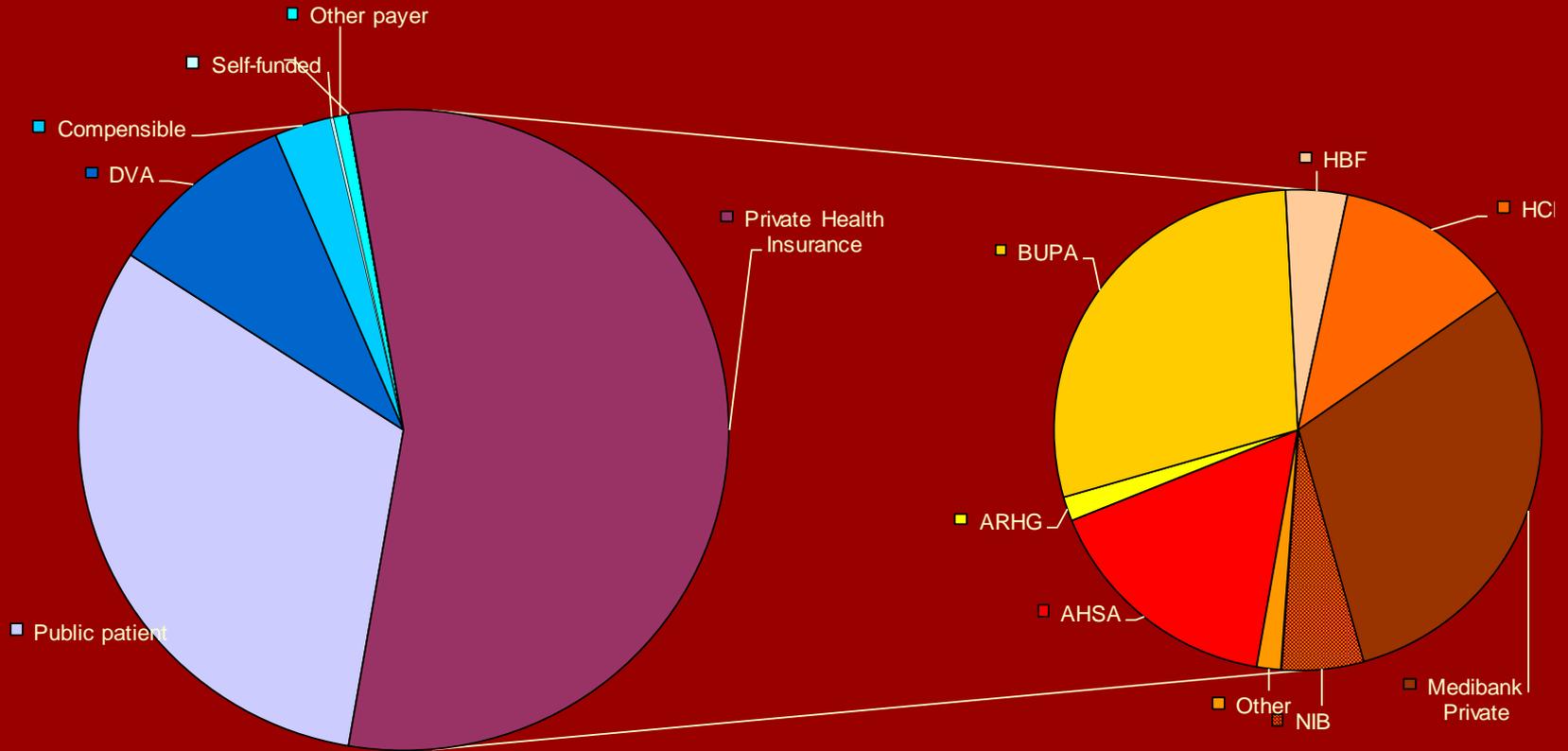
Proportion of episodes by impairment group and sector, 2014



Change in number of episodes by impairment group, 2013 to 2014



Funding source for rehabilitation in Australia, 2014

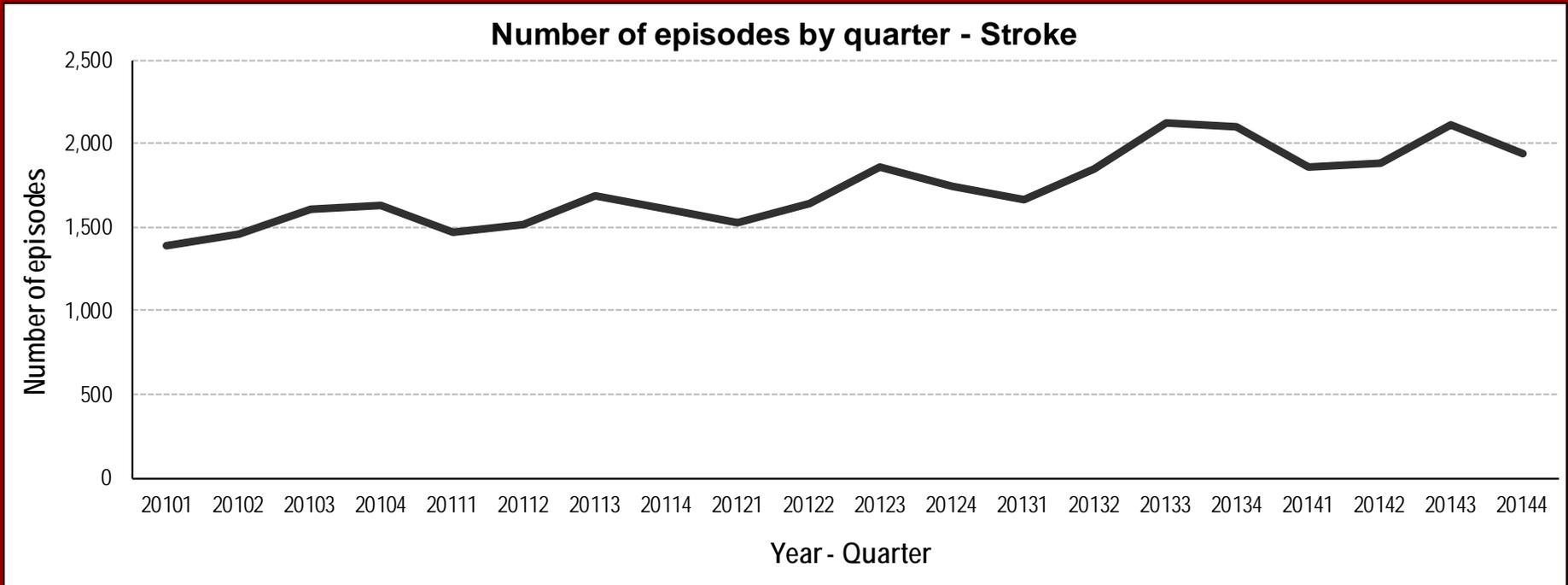


Outcomes by impairment

A series of figures and tables are provided for each impairment category; these outline the key descriptive data for 2014, changes in episode volumes between 2010 and 2014, and changes in rehabilitation outcome measures between 2013 and 2014:

- The first figure in each category 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 is a table outlining key 2014 data for the respective impairment category by version 3 of the AN-SNAP class.
- The third figure provides a summary of the discharge destination of all episodes by AN-SNAP class.
- The fourth figure provides a graphical representation of 2014 length of stay (LOS) and improvement in the FIM (Functional Independence Measure) by AN-SNAP class.
- Finally, the fifth figure presents the key changes in rehabilitation outcome measures between 2013 and 2014. The horizontal axis describes the difference between the 2013 and 2014 averages, while the actual 2013 data are presented on the left side of the graph.

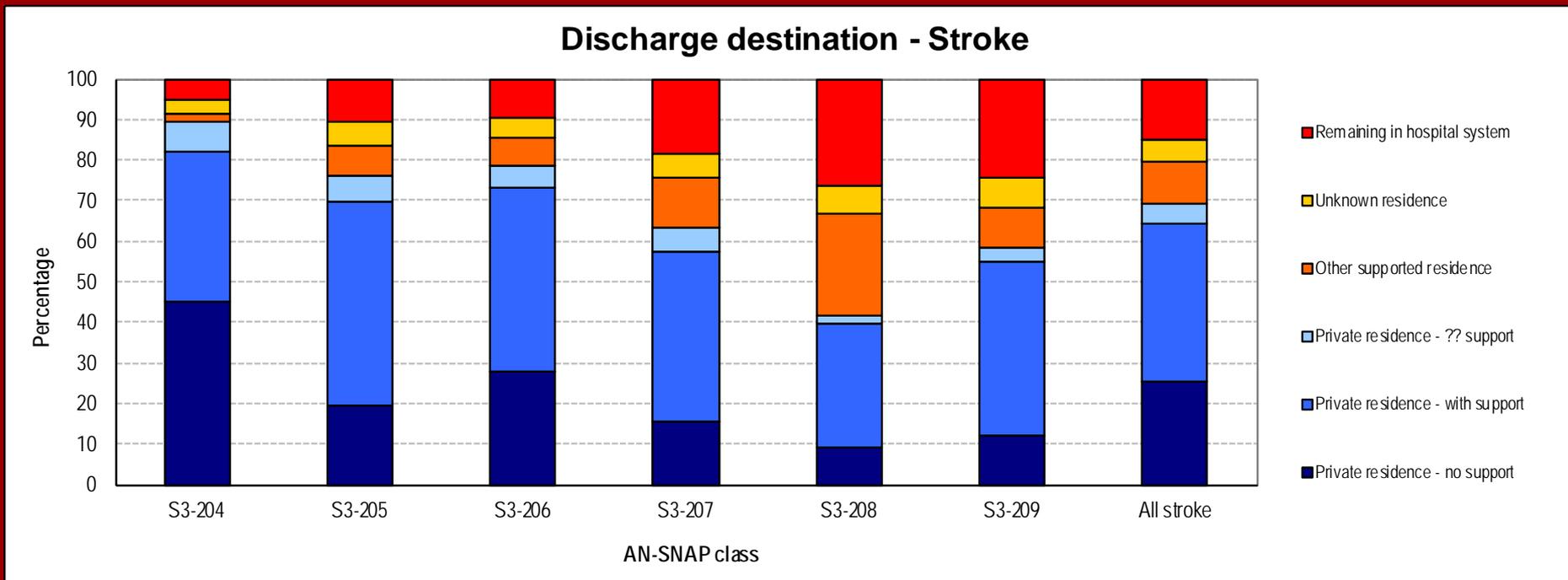
Change in stroke episodes over time



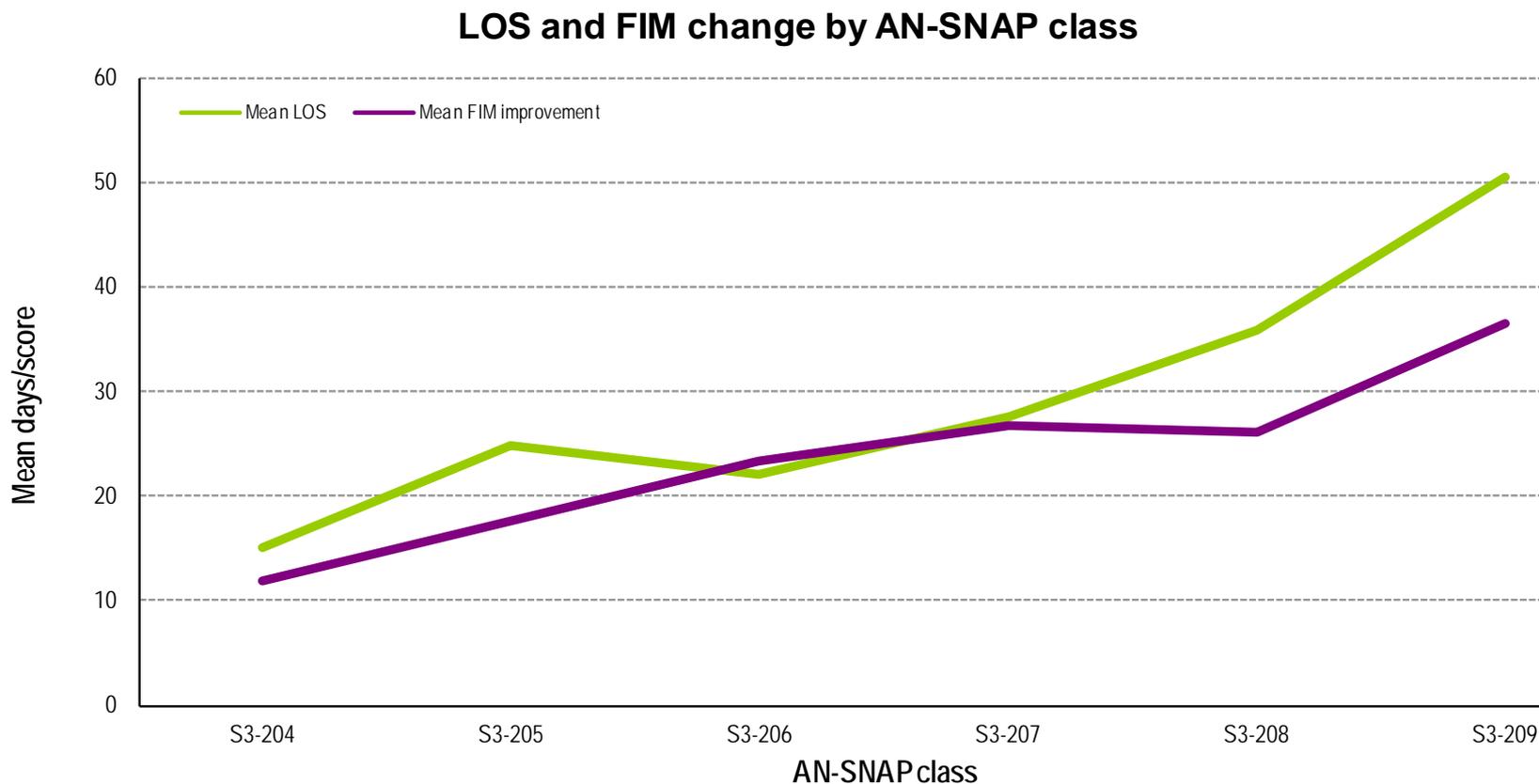
Stroke episodes in 2014

AN-SNAP class:	S3-204	S3-205	S3-206	S3-207	S3-208	S3-209	All stroke
Number of episodes	2,300	287	1,824	210	1,753	1,397	7,771
Proportion of episodes	29.6%	3.7%	23.5%	2.7%	22.6%	18.0%	100.0%
Sector (%)							
<i>Private</i>	27.8	15.0	28.8	23.7	17.3	12.1	22.3
<i>Public</i>	72.2	85.0	71.2	76.3	82.7	87.9	77.7
Gender (%)							
<i>Female</i>	43.3	42.9	50.7	44.3	53.9	38.4	46.5
<i>Male</i>	56.7	57.1	49.3	55.7	46.1	61.6	53.5
Age (Mean+95%CI)	70.4 (70.9–69.8)	70.0 (71.7–68.2)	75.1 (75.7–74.5)	76.0 (77.7–74.4)	83.6 (83.9–83.4)	61.8 (62.3–61.3)	73.1 (73.4–72.8)
Admission FIM (Mean+95%CI)	104.4 (104.8–104.0)	88.5 (89.7–87.3)	83.2 (83.5–82.8)	65.3 (66.1–64.5)	51.0 (51.7–50.2)	51.3 (52.2–50.4)	77.9 (78.5–77.3)
LOS (Mean+95%CI)	15.0 (15.4–14.5)	24.8 (26.8–22.7)	22.1 (22.9–21.3)	27.6 (29.9–25.4)	35.9 (37.1–34.7)	50.4 (52.4–48.4)	27.5 (28.0–26.9)
Discharge destination (%)							
<i>Discharged to community</i>	94.7	89.2	90.4	81.5	73.8	75.5	85.0
<i>Remaining in hospital system</i>	5.3	10.8	9.6	18.5	26.2	24.5	15.0
FIM improvement (Mean+95%CI)	11.9 (12.2–11.5)	17.6 (18.9–16.3)	23.4 (24.0–22.9)	26.8 (29.1–24.4)	26.0 (27.0–25.0)	36.6 (37.8–35.3)	22.2 (22.6–21.8)
FIM efficiency (FIM imp./LOS)	0.8	0.7	1.1	1.0	0.7	0.7	0.8

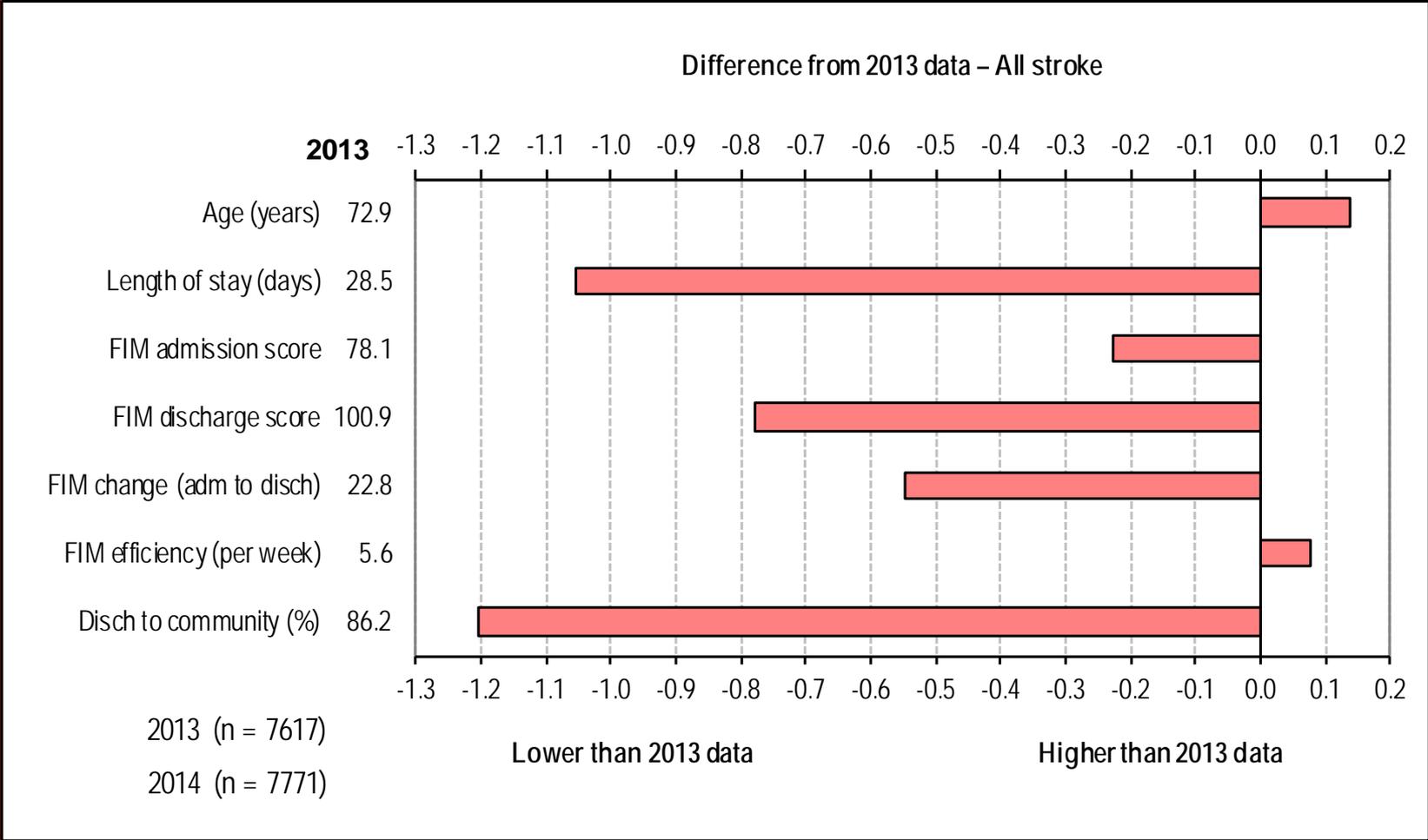
Stroke discharge destination by AN-SNAP class



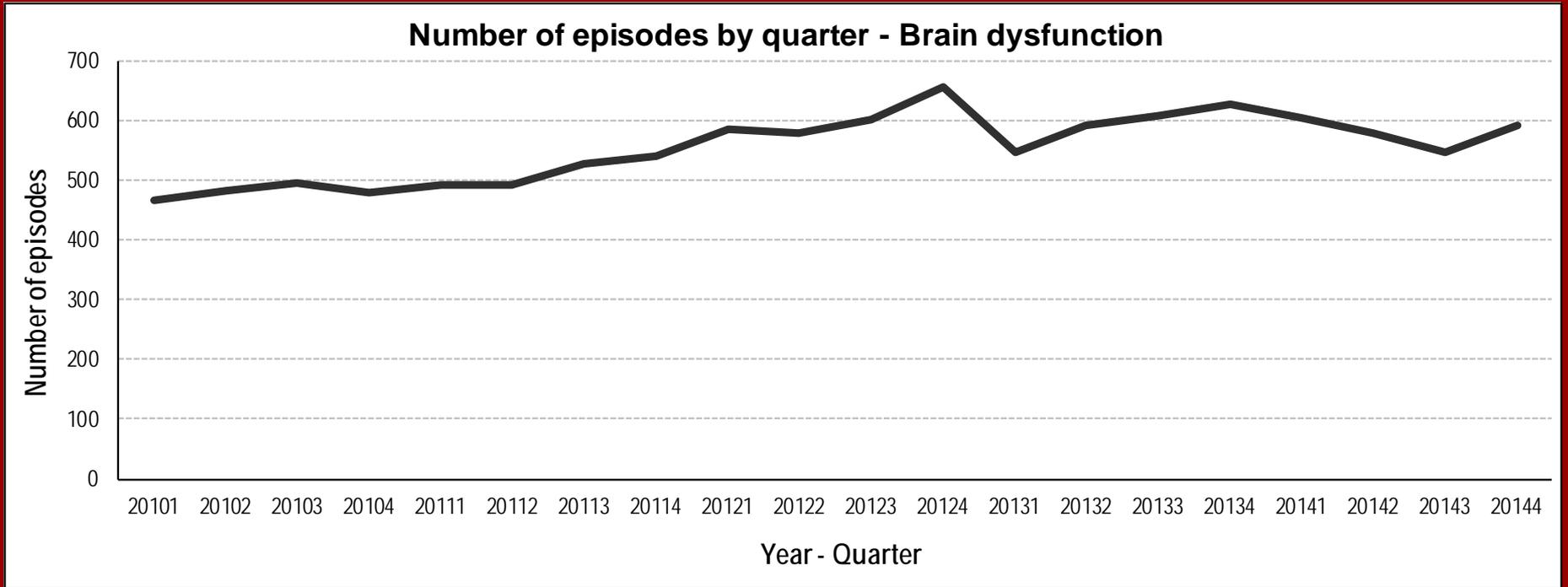
Stroke LOS and FIM change by AN-SNAP class



Changes in outcome measures in stroke – 2013 to 2014



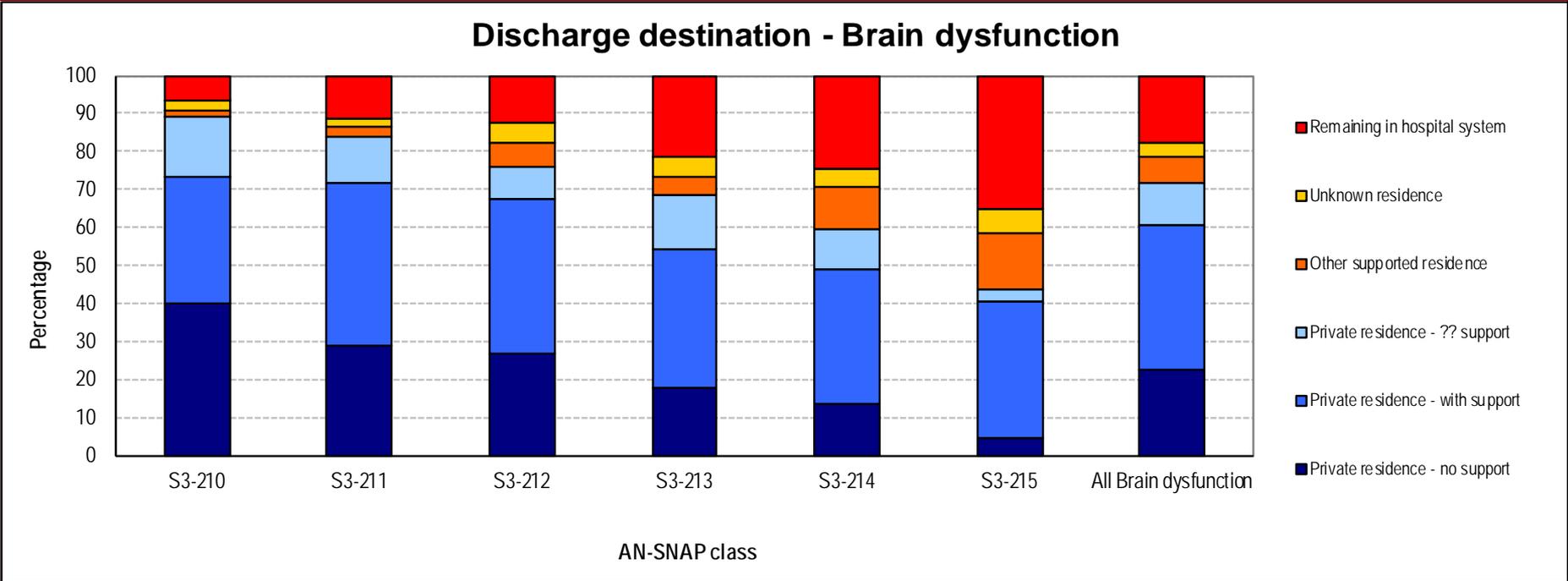
Change in brain dysfunction episodes over time



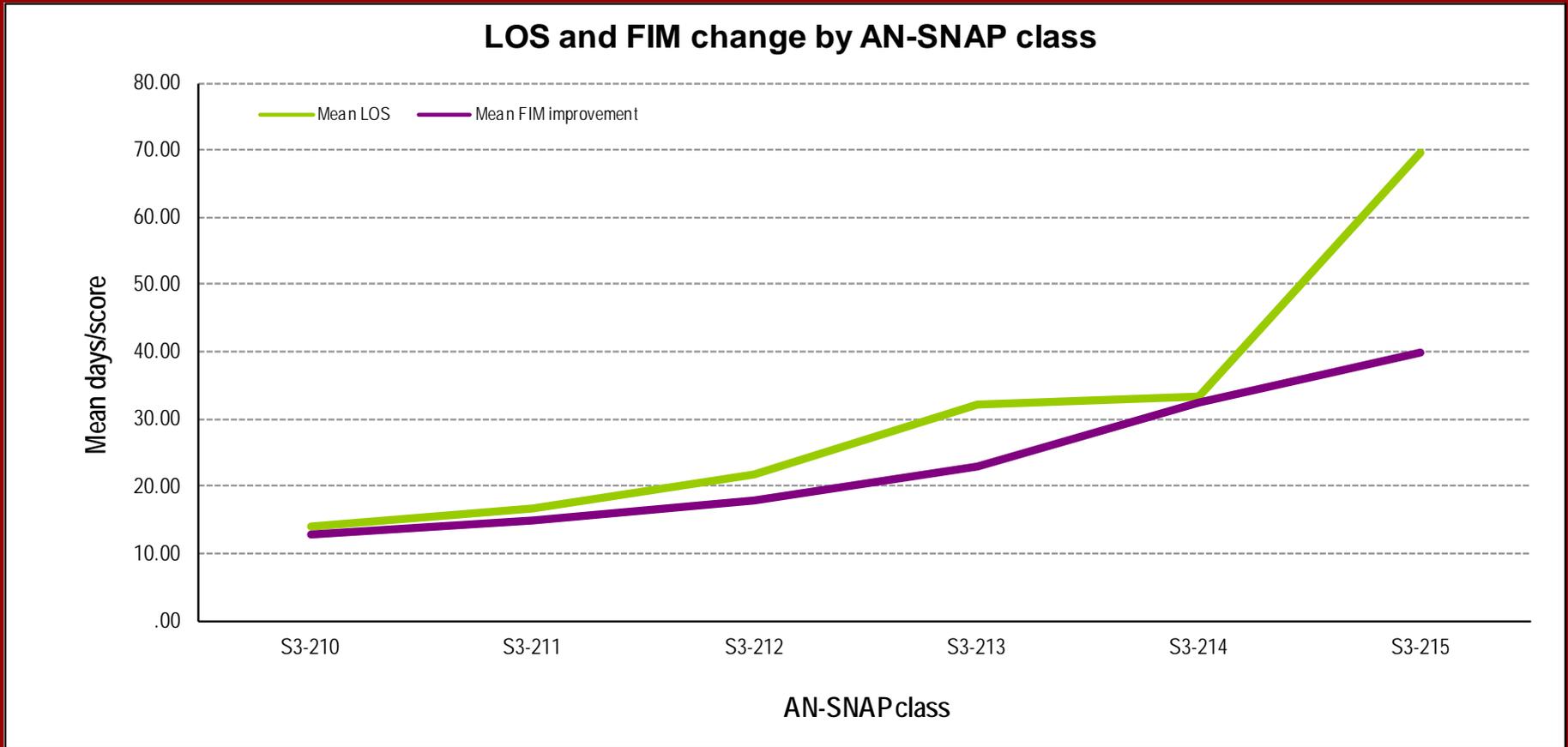
Brain dysfunction episodes in 2014

AN-SNAP class:	S3-210	S3-211	S3-212	S3-213	S3-214	S3-215	All Brain dysfunction
Number of episodes	342	647	209	231	696	193	2,318
Proportion of episodes	14.8%	27.9%	9.0%	10.0%	30.0%	8.3%	100.0%
Sector (%)							
<i>Private</i>	45.0	31.7	24.8	16.0	25.9	14.5	28.3
<i>Public</i>	55.0	68.3	75.2	84.0	74.1	85.5	71.7
Gender (%)							
<i>Female</i>	52.0	39.1	31.1	31.2	43.4	38.9	40.8
<i>Male</i>	48.0	60.9	68.9	68.8	56.6	61.1	59.2
Age (Mean+95%CI)	63.8 (65.7–61.9)	59.7 (61.3–58.2)	59.4 (62.1–56.8)	55.9 (58.2–53.7)	66.2 (67.6–64.7)	60.8 (63.5–58.1)	61.9 (62.7–61.2)
Admission FIM (Mean+95%CI)	105.8 (106.8–104.8)	100.2 (101.1–99.3)	93.7 (95.3–92.1)	85.8 (87.5–84.0)	62.8 (64.0–61.6)	33.5 (35.0–32.0)	84.0 (85.1–82.9)
LOS (Mean+95%CI)	14.1 (15.0–13.1)	16.5 (17.4–15.7)	21.6 (23.7–19.6)	32.1 (36.6–27.6)	33.2 (35.9–30.6)	69.7 (80.3–59.1)	26.5 (27.9–25.2)
Discharge destination (%)							
<i>Discharged to community</i>	93.6	88.7	87.6	78.8	75.6	64.8	82.4
<i>Remaining in hospital system</i>	6.4	11.3	12.4	21.2	24.4	35.2	17.6
FIM improvement (Mean+95%CI)	12.7 (13.6–11.8)	15.0 (15.8–14.2)	17.8 (19.4–16.2)	23.0 (24.8–21.1)	32.5 (34.2–30.8)	39.9 (45.1–34.8)	22.3 (23.1–21.5)
FIM efficiency (FIM imp./LOS)	0.9	0.9	0.8	0.7	1.0	0.6	0.8

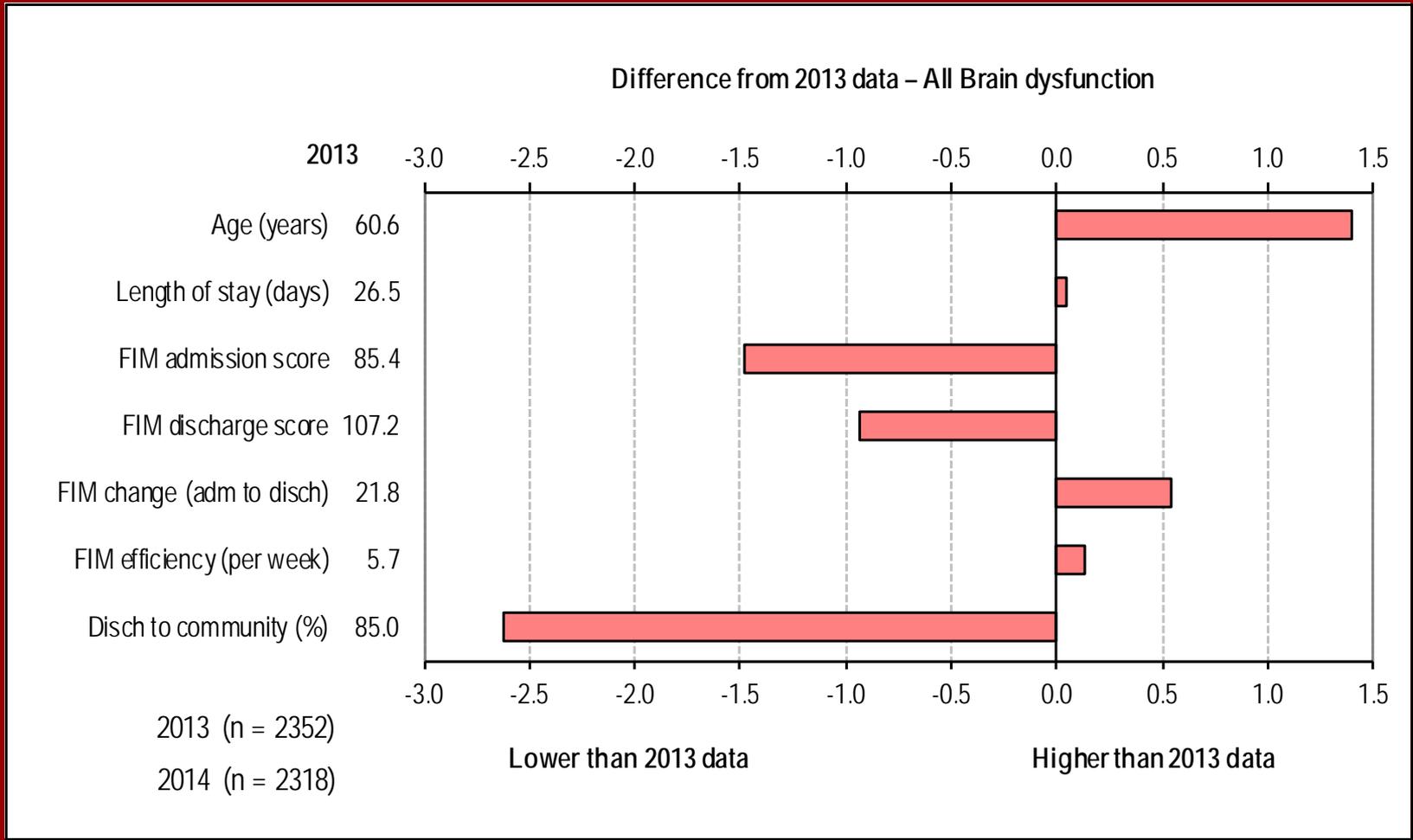
Brain dysfunction discharge destination by AN-SNAP class



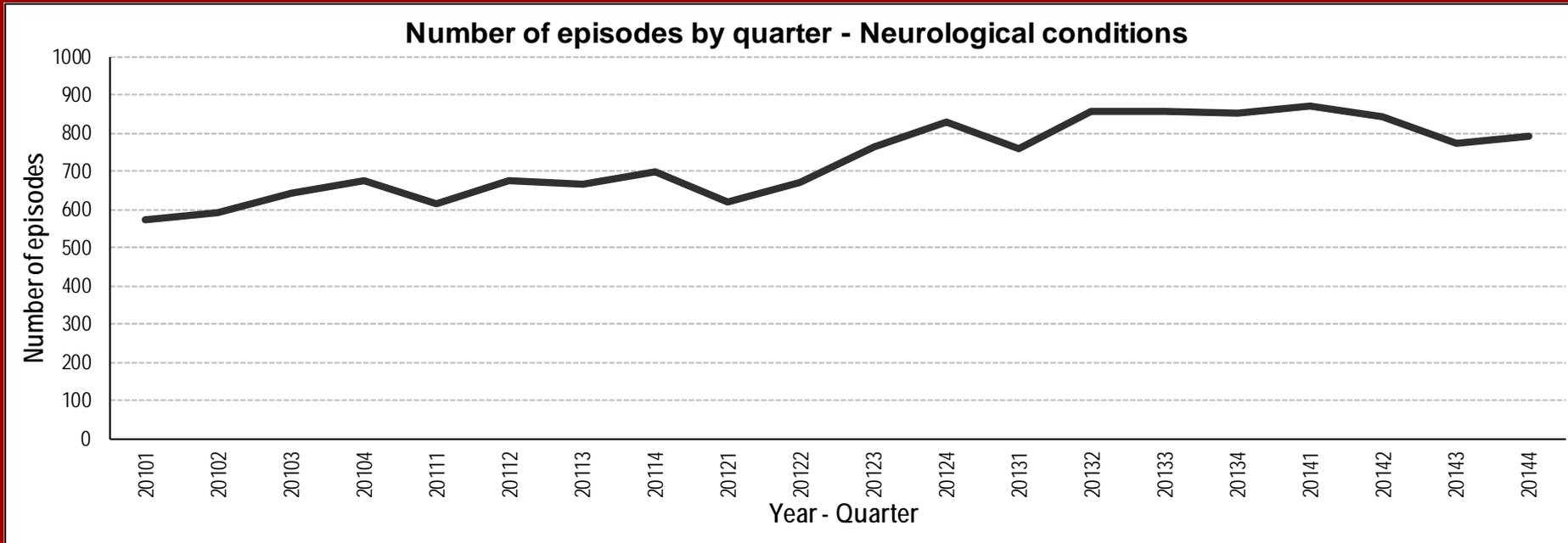
Brain dysfunction LOS and FIM change by AN-SNAP class



Change in outcome measures in brain dysfunction – 2013 to 2014



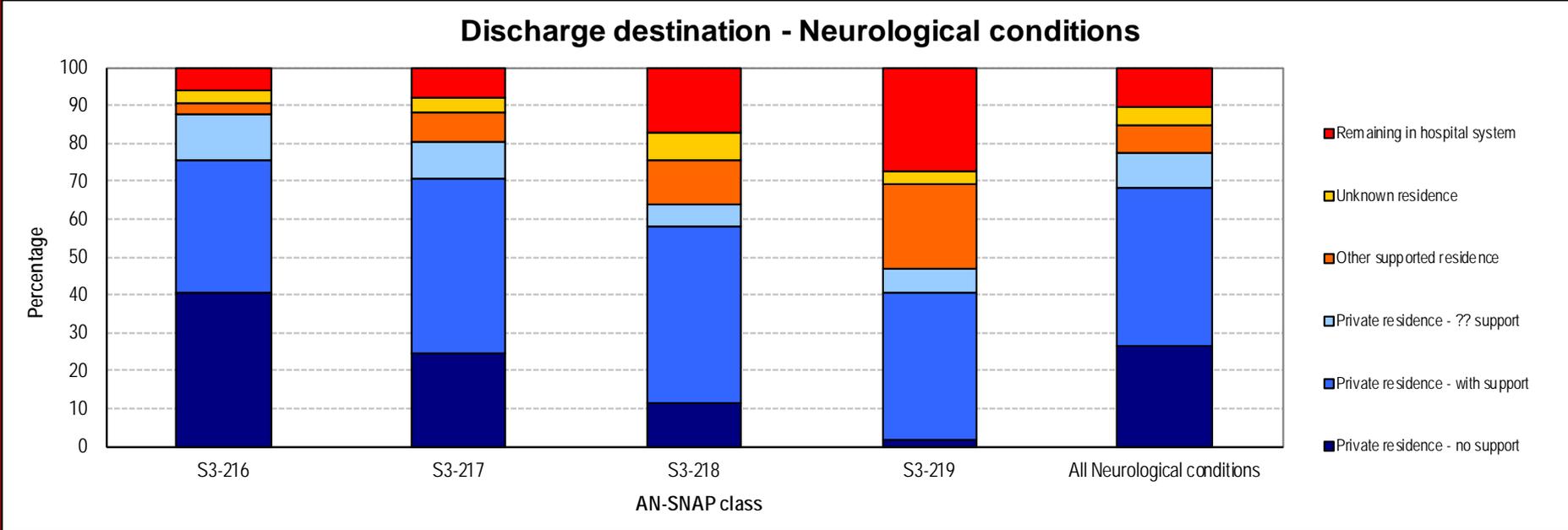
Change in neurological conditions episodes over time



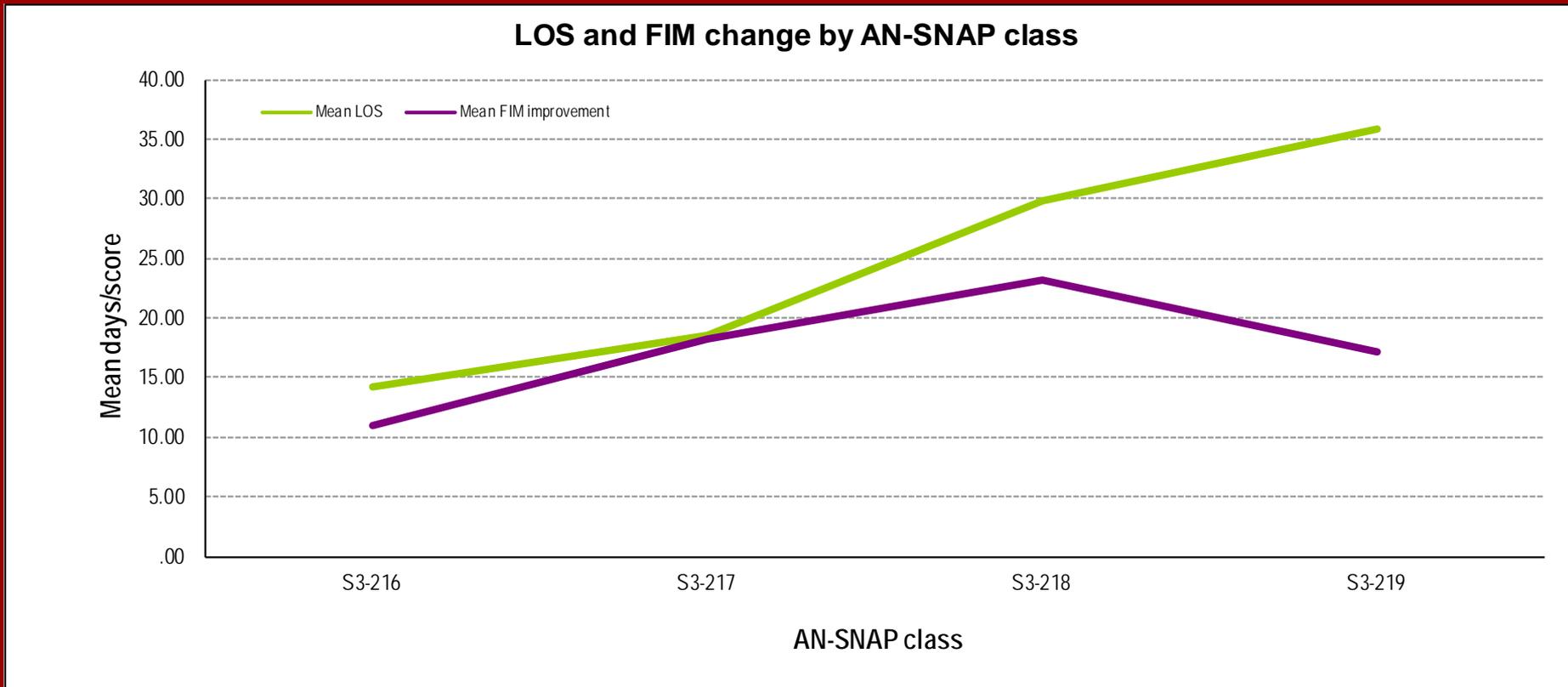
Neurological conditions episodes in 2014

AN-SNAP class:	S3-216	S3-217	S3-218	S3-219	All Neurological conditions
Number of episodes	1,289	943	982	62	3,276
Proportion of episodes	39.3%	28.8%	30.0%	1.9%	100.0%
Sector (%)					
<i>Private</i>	51.9	49.2	35.2	19.4	45.5
<i>Public</i>	48.1	50.8	64.8	80.6	54.5
Gender (%)					
<i>Female</i>	55.6	54.1	48.1	45.2	52.7
<i>Male</i>	44.4	45.9	51.9	54.8	47.3
Age (Mean+95%CI)	63.7 (64.6–62.8)	70.0 (71.0–68.9)	67.4 (68.5–66.4)	64.3 (69.0–59.7)	66.6 (67.2–66.1)
Admission FIM (Mean+95%CI)	103.4 (103.9–102.9)	85.1 (85.6–84.6)	62.0 (62.9–61.2)	34.4 (37.2–31.5)	85.3 (86.0–84.5)
LOS (Mean+95%CI)	14.2 (15.0–13.5)	18.5 (19.3–17.8)	29.9 (31.9–27.8)	35.8 (48.0–23.5)	20.2 (21.0–19.5)
Discharge destination (%)					
<i>Discharged to community</i>	93.9	92.0	82.8	72.6	89.6
<i>Remaining in hospital system</i>	6.1	8.0	17.2	27.4	10.4
FIM improvement (Mean+95%CI)	11.0 (11.4–10.5)	18.2 (18.9–17.5)	23.1 (24.3–21.9)	17.1 (23.6–10.6)	16.6 (17.1–16.1)
FIM efficiency (FIM imp./LOS)	0.8	1.0	0.8	0.5	0.8

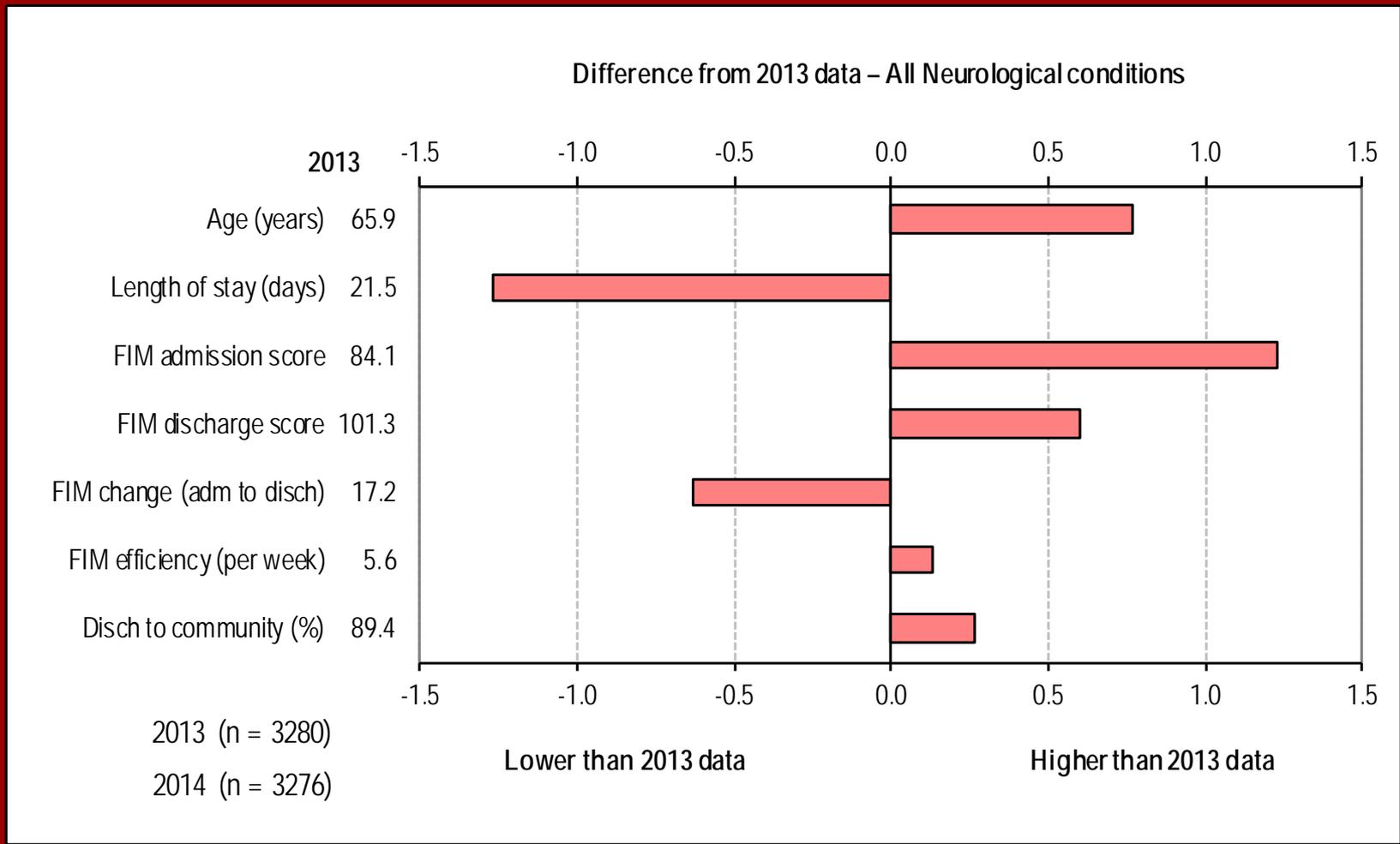
Neurological conditions discharge destination by AN-SNAP class



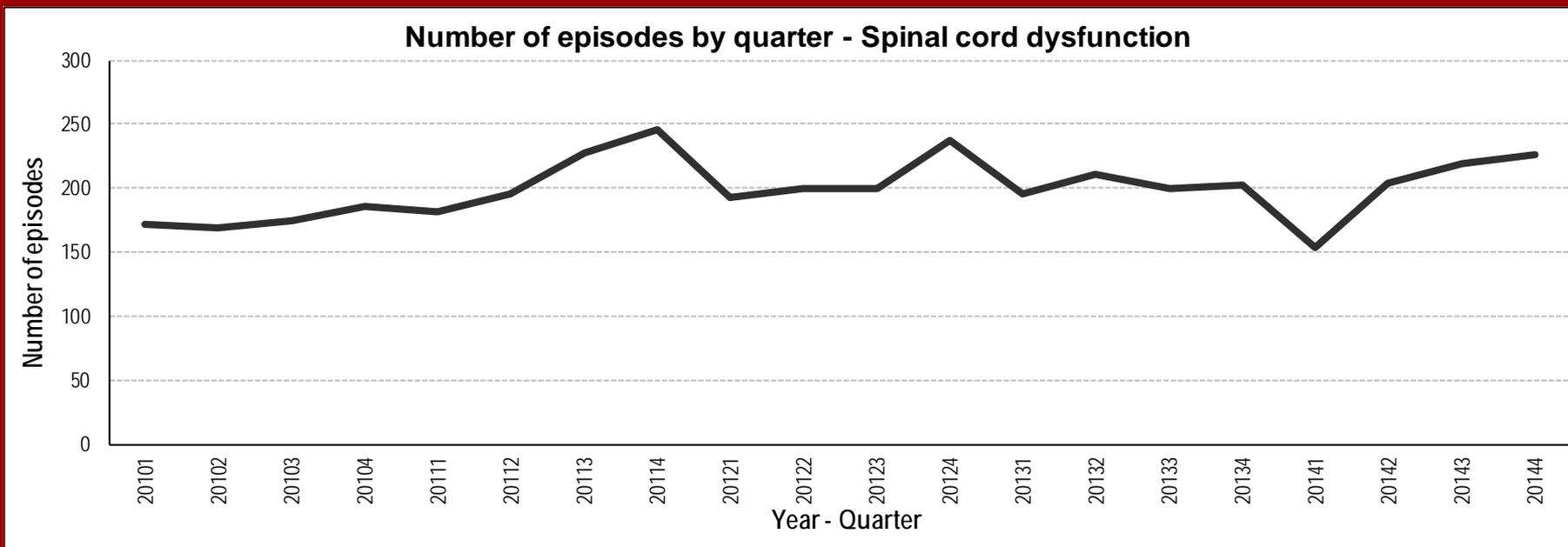
Neurological conditions LOS and FIM change by AN-SNAP class



Change in outcome measures in neurological conditions - 2013 to 2014



Change in spinal cord dysfunction episodes over time

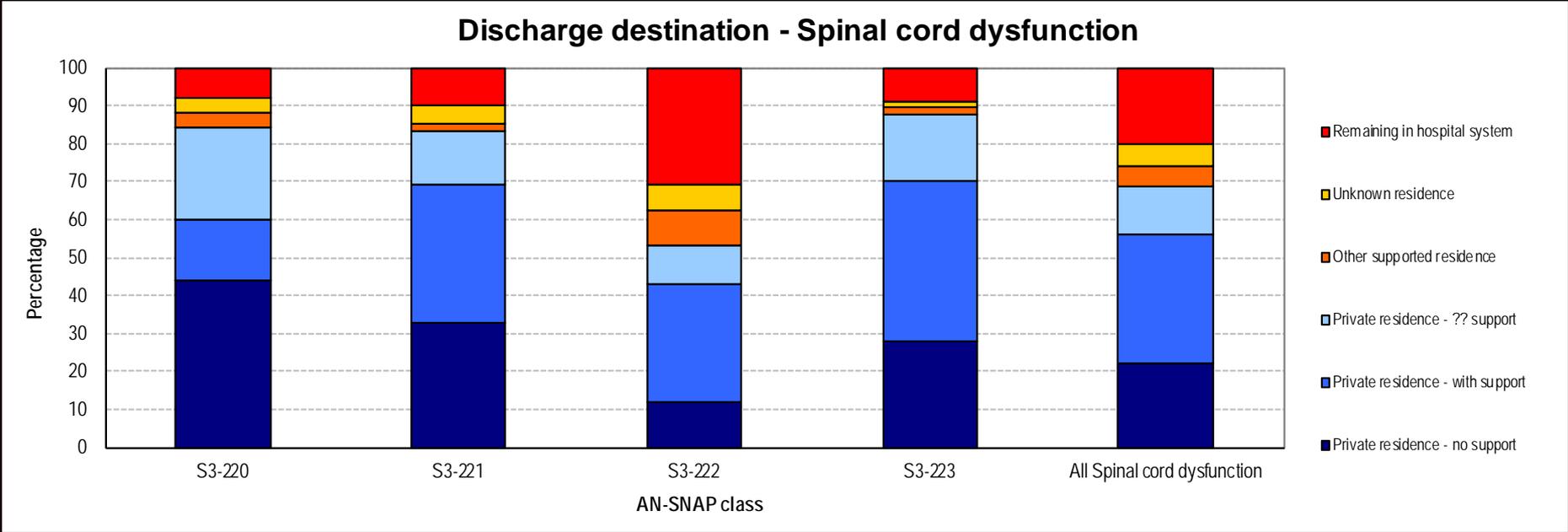


Spinal cord dysfunction episodes in 2014

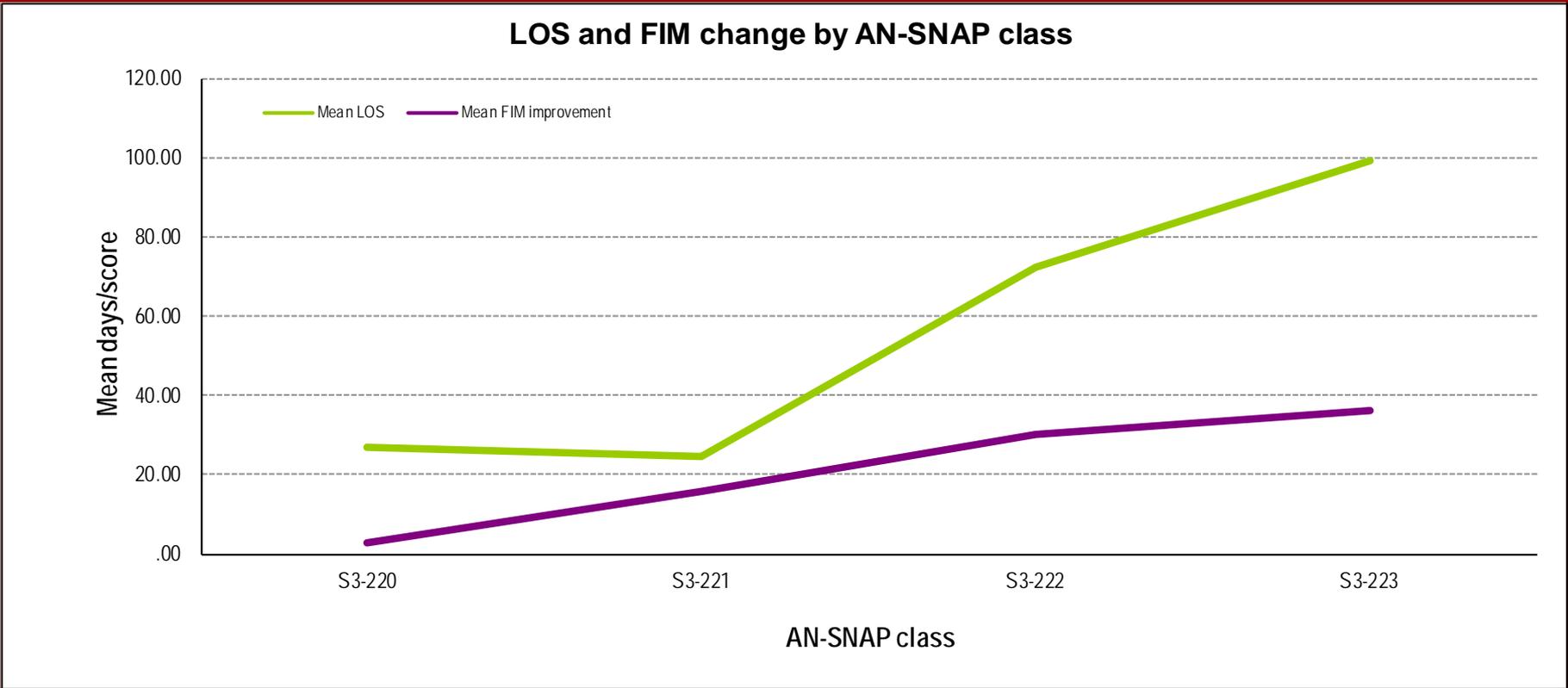


AN-SNAP class:	S3-220	S3-221	S3-222	S3-223	All Spinal cord dysfunction
Number of episodes	25	319	401	57	802
Proportion of episodes	3.1%	39.8%	50.0%	7.1%	100.0%
Sector (%)					
<i>Private</i>	8.0	12.2	3.5	0.0	6.9
<i>Public</i>	92.0	87.8	96.5	100.0	93.1
Gender (%)					
<i>Female</i>	32.0	41.4	37.4	14.0	37.2
<i>Male</i>	68.0	58.6	62.6	86.0	62.8
Age (Mean+95%CI)	48.0 (54.8–41.1)	56.6 (58.6–54.5)	63.5 (64.8–62.1)	24.3 (25.7–22.9)	57.4 (58.7–56.2)
Admission FIM (Mean+95%CI)	118.7 (120.1–117.4)	96.5 (97.7–95.3)	61.1 (62.4–59.7)	63.6 (66.3–61.0)	79.0 (80.7–77.3)
LOS (Mean+95%CI)	27.1 (44.7–9.5)	24.6 (26.8–22.4)	72.2 (79.1–65.4)	39.3 (118.4–80.2)	51.7 (55.9–47.6)
Discharge destination (%)					
<i>Discharged to community</i>	92.0	90.3	69.3	91.2	79.9
<i>Remaining in hospital system</i>	8.0	9.7	30.7	8.8	20.1
FIM improvement (Mean+95%CI)	2.8 (4.6–1.1)	16.0 (17.2–14.7)	29.9 (32.4–27.4)	36.1 (41.6–30.5)	23.3 (24.7–21.8)
FIM efficiency (FIM imp./LOS)	0.1	0.6	0.4	0.4	0.5

Spinal cord dysfunction discharge destination by AN-SNAP class

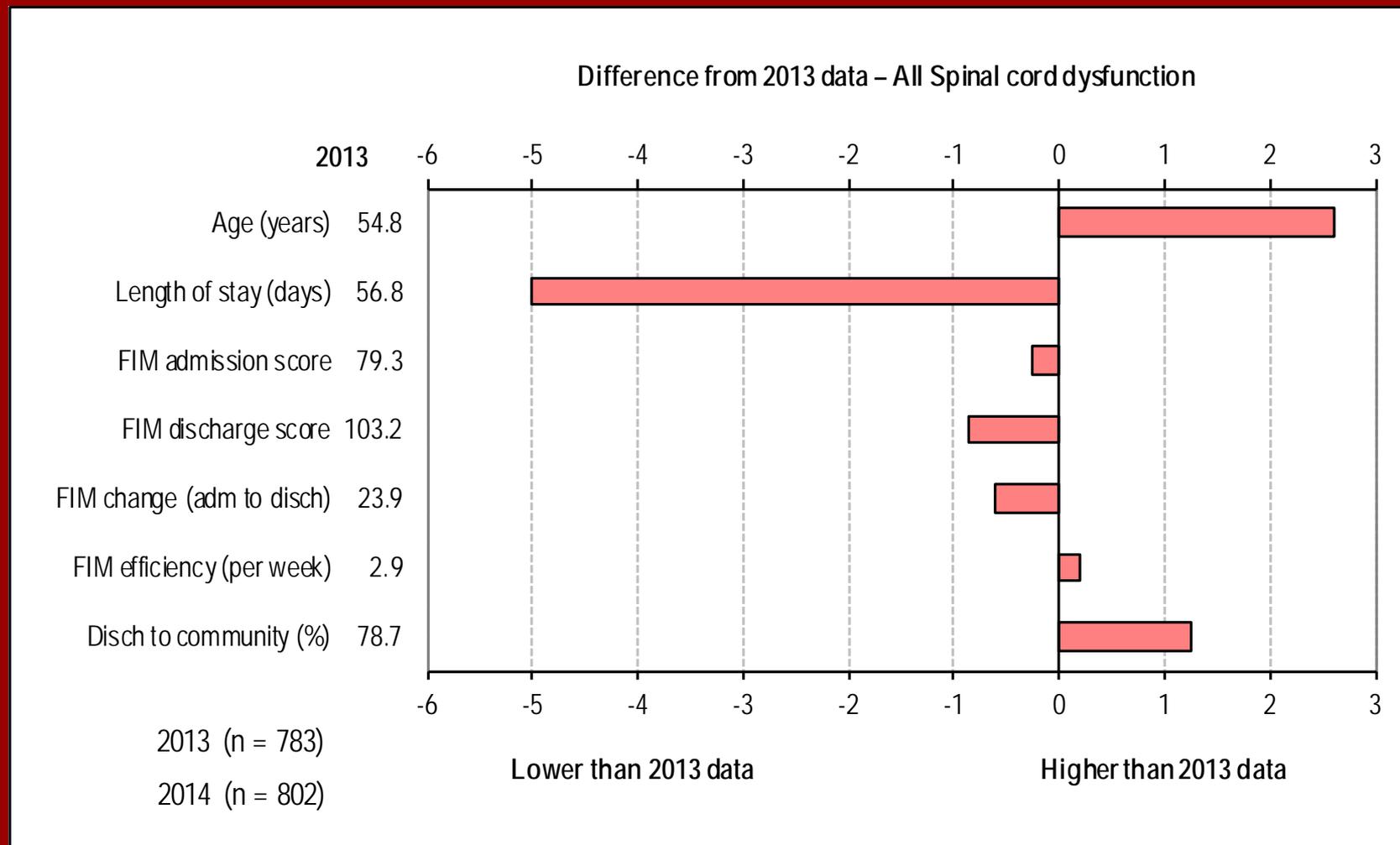


Spinal cord dysfunction LOS and FIM change by AN-SNAP class

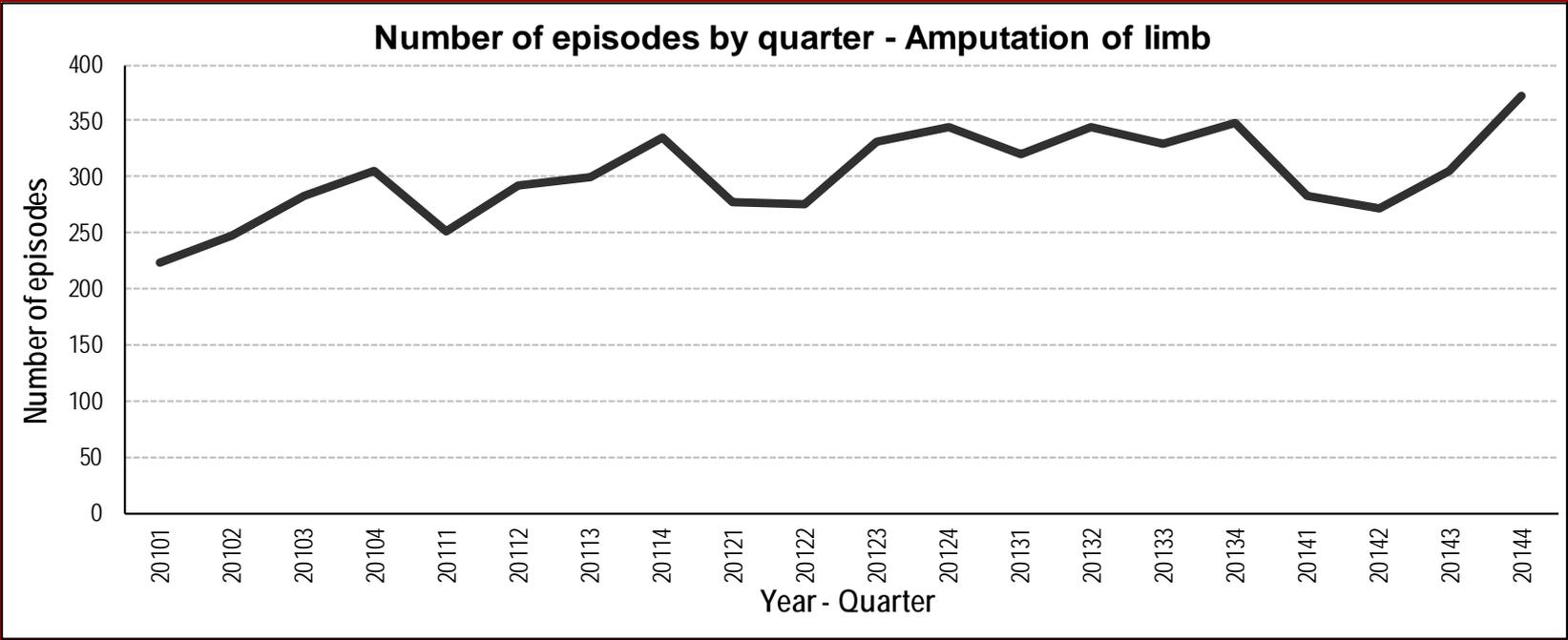


Change in outcome measures in spinal cord dysfunction - 2013 to 2014

aroc



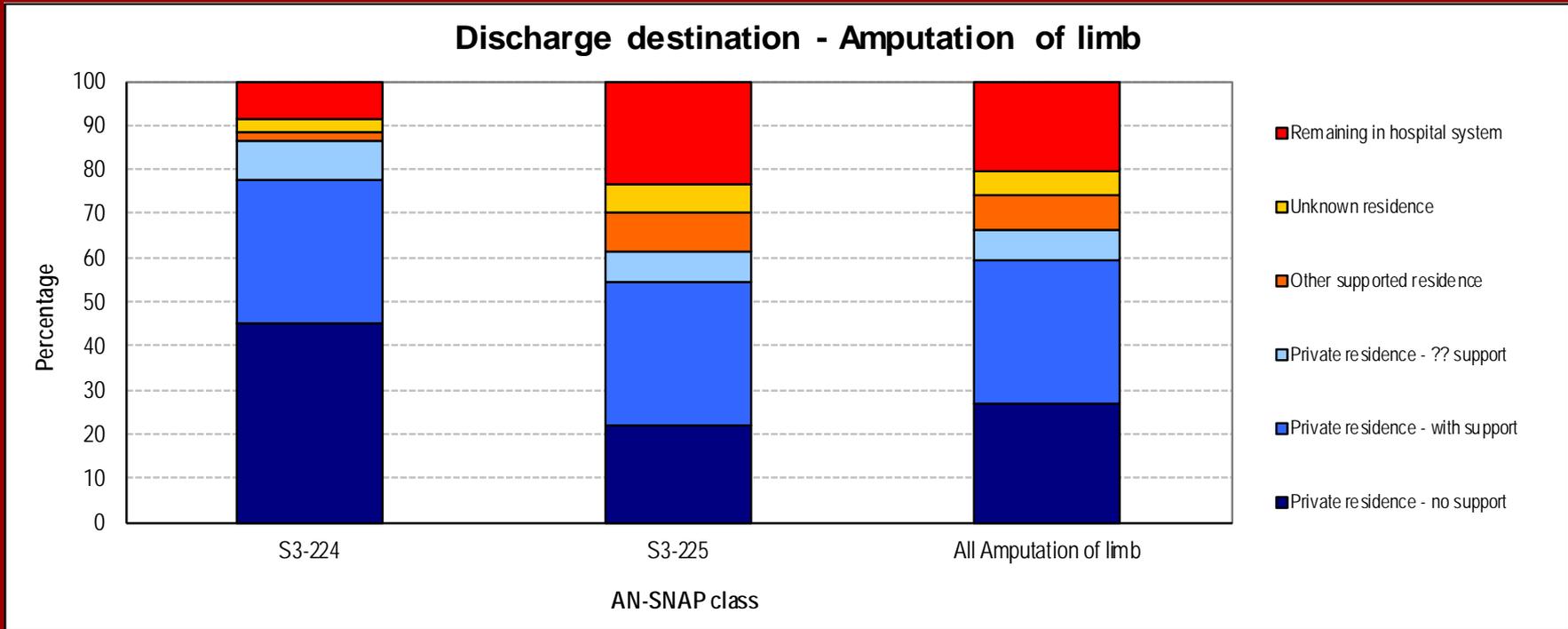
Change in amputation episodes over time



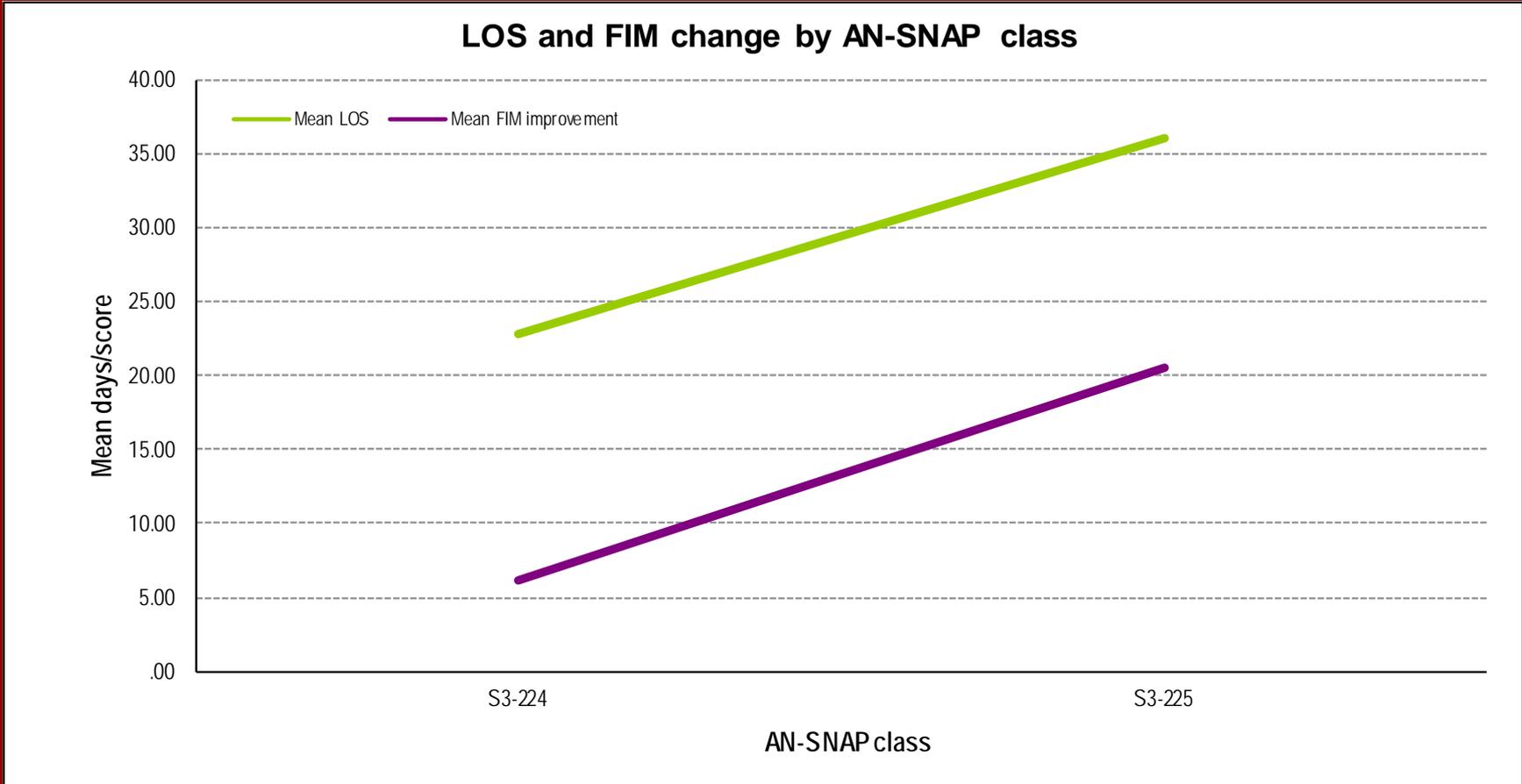
Amputation episodes in 2014

AN-SNAP class:	S3-224	S3-225	All Amputation of limb
Number of episodes	256	975	1,231
Proportion of episodes	20.8%	79.2%	100.0%
Sector (%)			
<i>Private</i>	18.4	17.8	18.0
<i>Public</i>	81.6	82.2	82.0
Gender (%)			
<i>Female</i>	25.4	29.8	28.9
<i>Male</i>	74.6	70.2	71.1
Age (Mean+95%CI)	58.6 (60.4–56.7)	68.0 (68.9–67.0)	66.0 (66.9–65.2)
Admission FIM (Mean+95%CI)	110.5 (111.1–109.9)	82.4 (83.6–81.2)	89.0 (90.2–87.8)
LOS (Mean+95%CI)	22.8 (25.0–20.6)	36.1 (38.0–34.2)	33.0 (34.5–31.4)
Discharge destination (%)			
<i>Discharged to community</i>	91.4	76.5	79.6
<i>Remaining in hospital system</i>	8.6	23.5	20.4
FIM improvement (Mean+95%CI)	6.2 (6.7–5.6)	20.4 (21.3–19.6)	17.1 (17.9–16.3)
FIM efficiency (FIM imp./LOS)	0.3	0.6	0.5

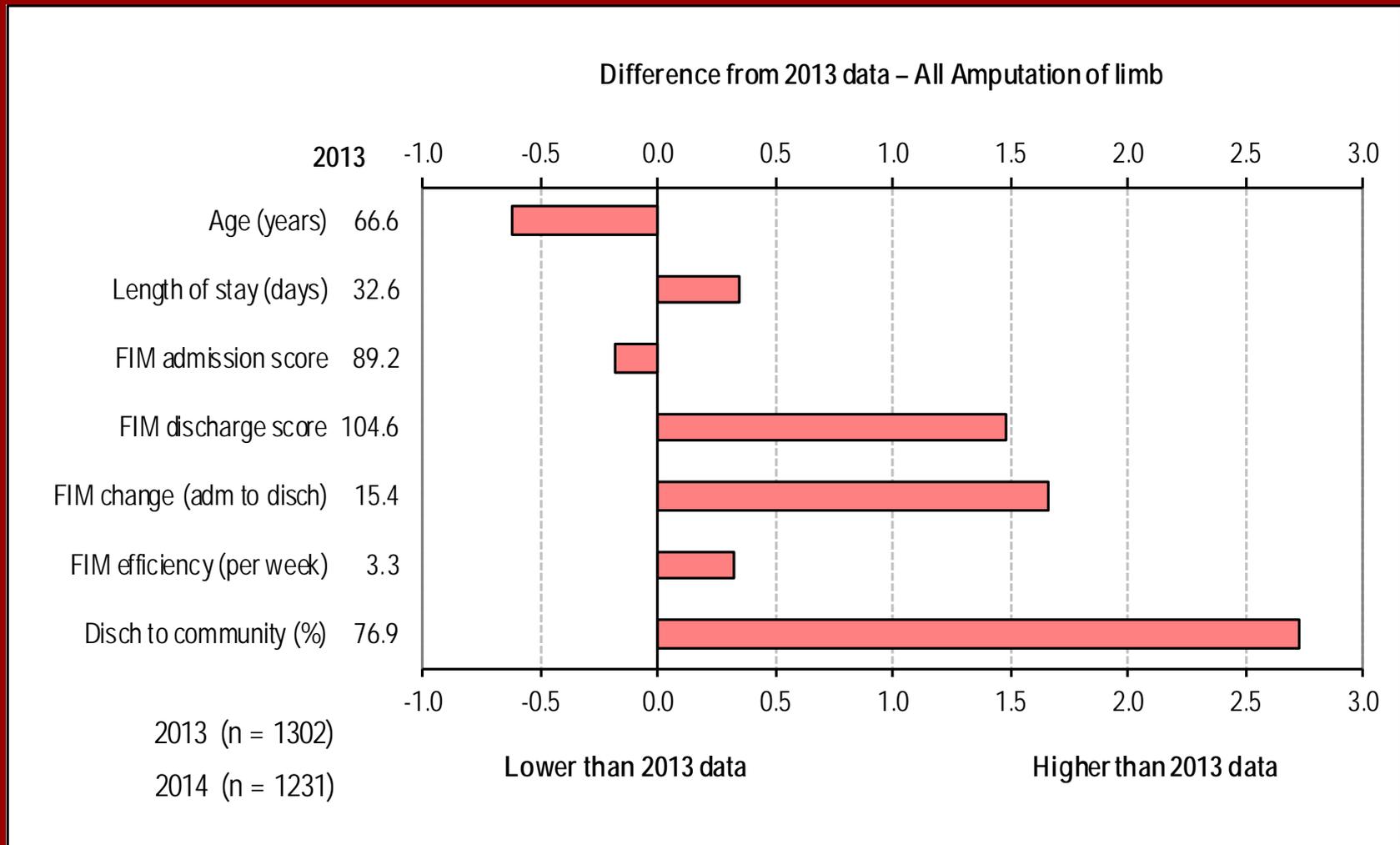
Amputation discharge destination by AN-SNAP class



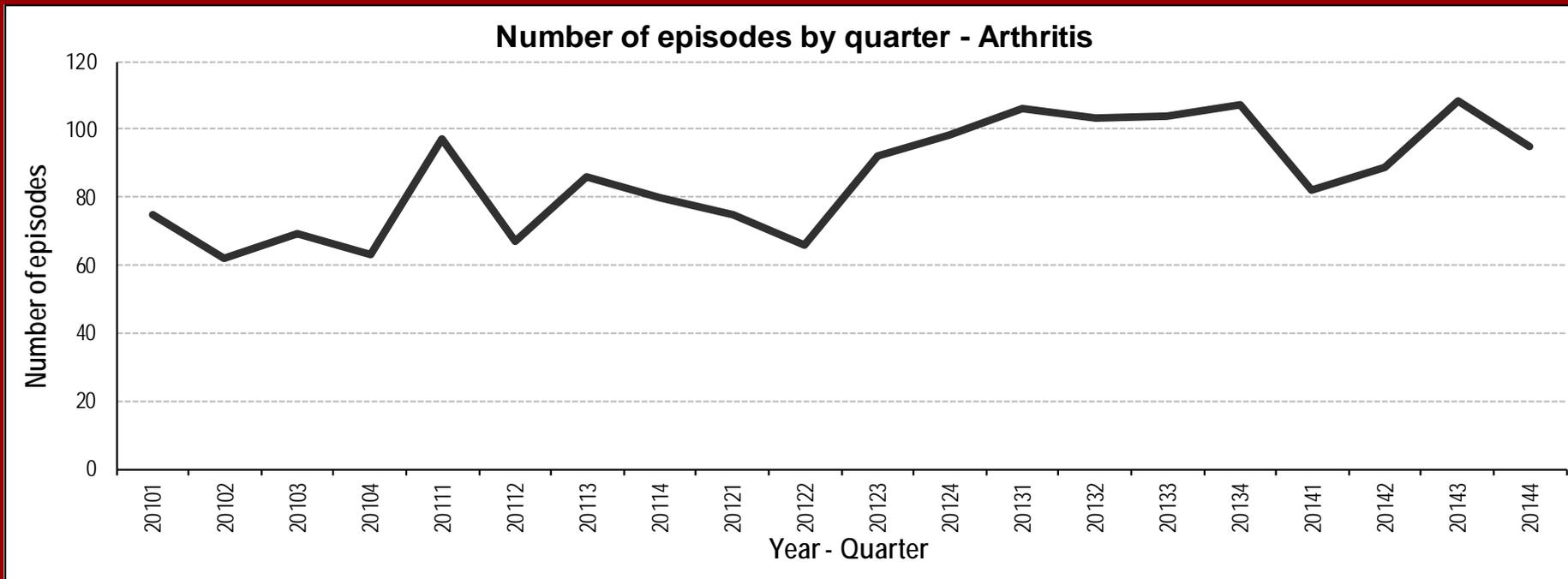
Amputation LOS and FIM change by AN-SNAP class



Change in outcome measures in amputation – 2013 to 2014



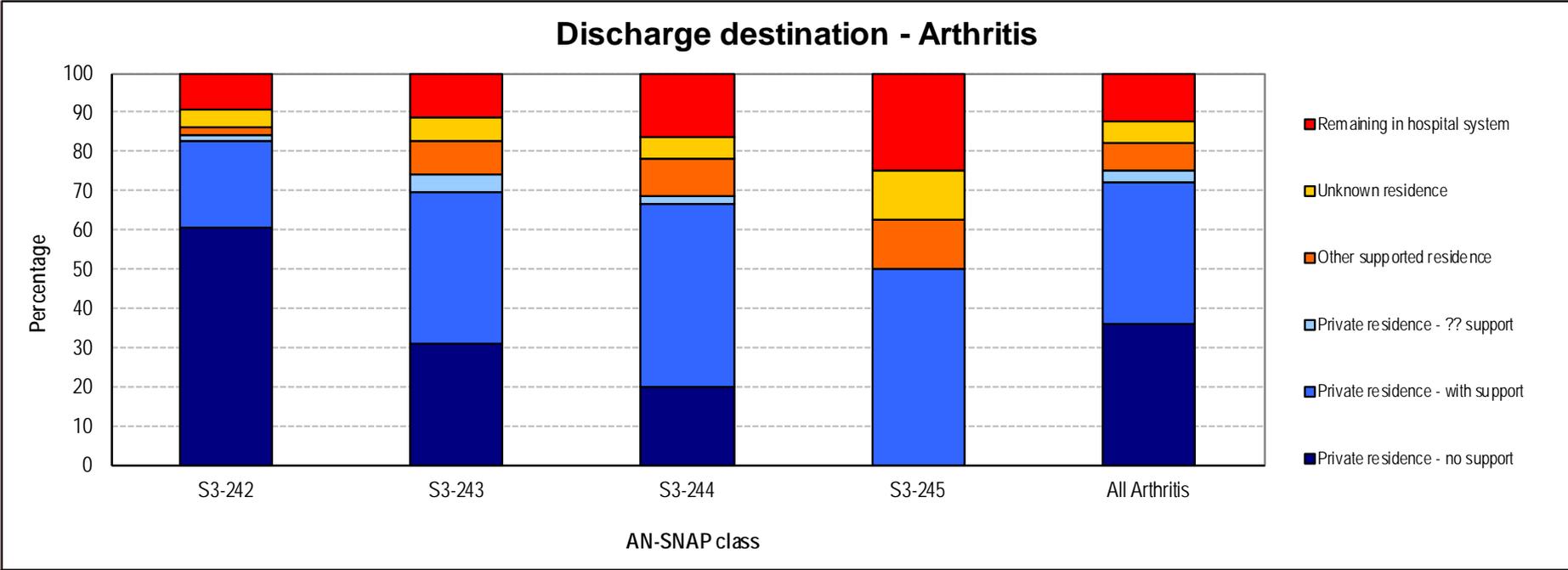
Change in arthritis episodes over time



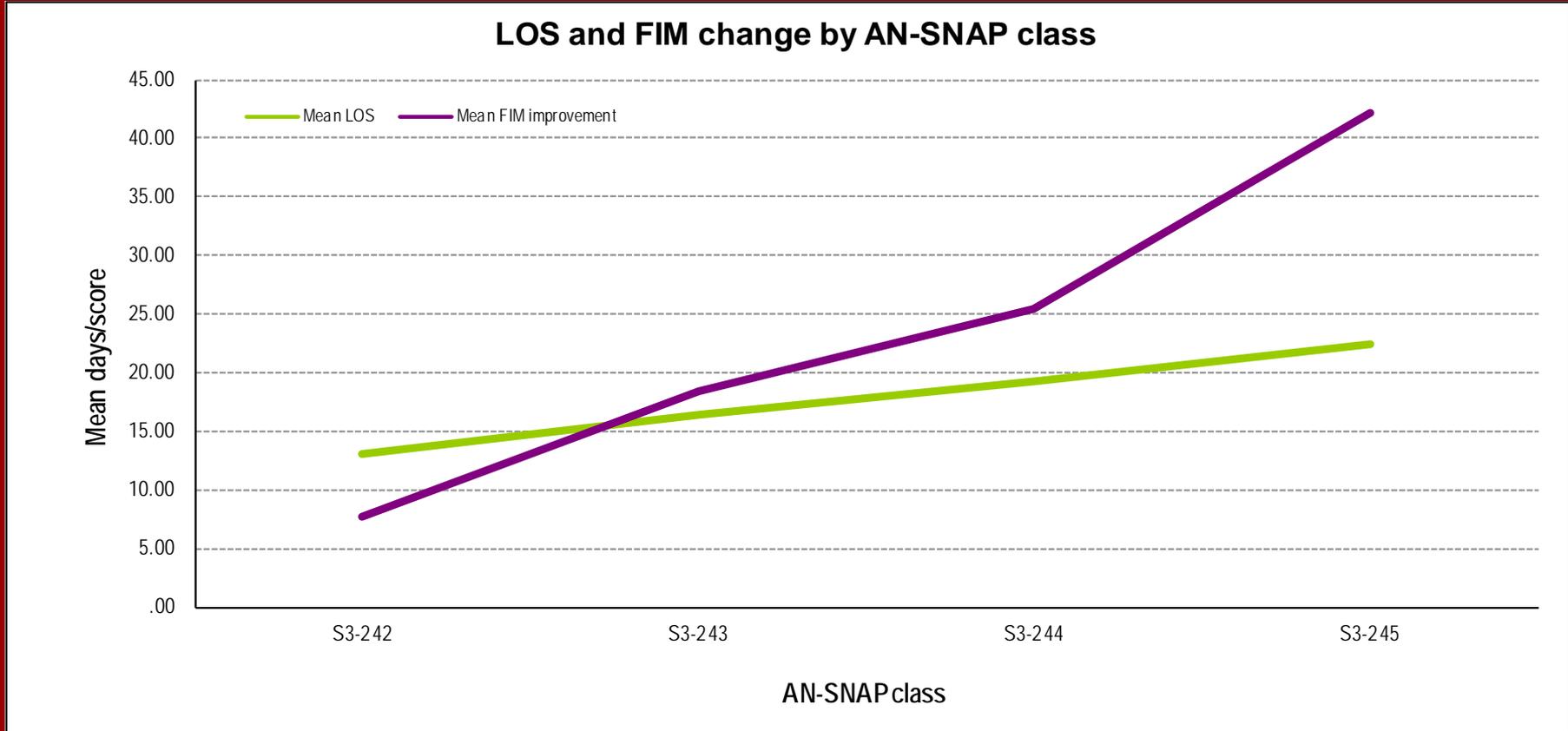
Arthritis episodes in 2014

AN-SNAP class:	S3-242	S3-243	S3-244	S3-245	All Arthritis
Number of episodes	110	152	104	8	374
Proportion of episodes	29.4%	40.6%	27.8%	2.1%	100.0%
Sector (%)					
<i>Private</i>	70.0	60.5	50.0	12.5	59.4
<i>Public</i>	30.0	39.5	50.0	87.5	40.6
Gender (%)					
<i>Female</i>	72.7	69.7	68.3	87.5	70.6
<i>Male</i>	27.3	30.3	31.7	12.5	29.4
Age (Mean+95%CI)	72.7 (75.2–70.2)	80.4 (82.0–78.7)	78.4 (80.8–76.0)	81.1 (84.6–77.7)	77.6 (78.8–76.3)
Admission FIM (Mean+95%CI)	109.4 (111.0–107.8)	91.4 (92.4–90.4)	70.5 (72.9–68.0)	47.8 (58.1–37.5)	90.7 (92.6–88.7)
LOS (Mean+95%CI)	13.1 (15.9–10.3)	16.4 (18.0–14.7)	19.2 (21.1–17.3)	22.4 (32.7–12.1)	16.2 (17.4–15.0)
Discharge destination (%)					
<i>Discharged to community</i>	90.8	88.6	83.8	75.0	87.6
<i>Remaining in hospital system</i>	9.2	11.4	16.2	25.0	12.4
FIM improvement (Mean+95%CI)	7.7 (8.9–6.5)	18.4 (19.8–17.1)	25.4 (28.4–22.5)	42.2 (72.6–11.8)	17.4 (18.7–16.0)
FIM efficiency (FIM imp./LOS)	0.6	1.1	1.3	1.9	1.1

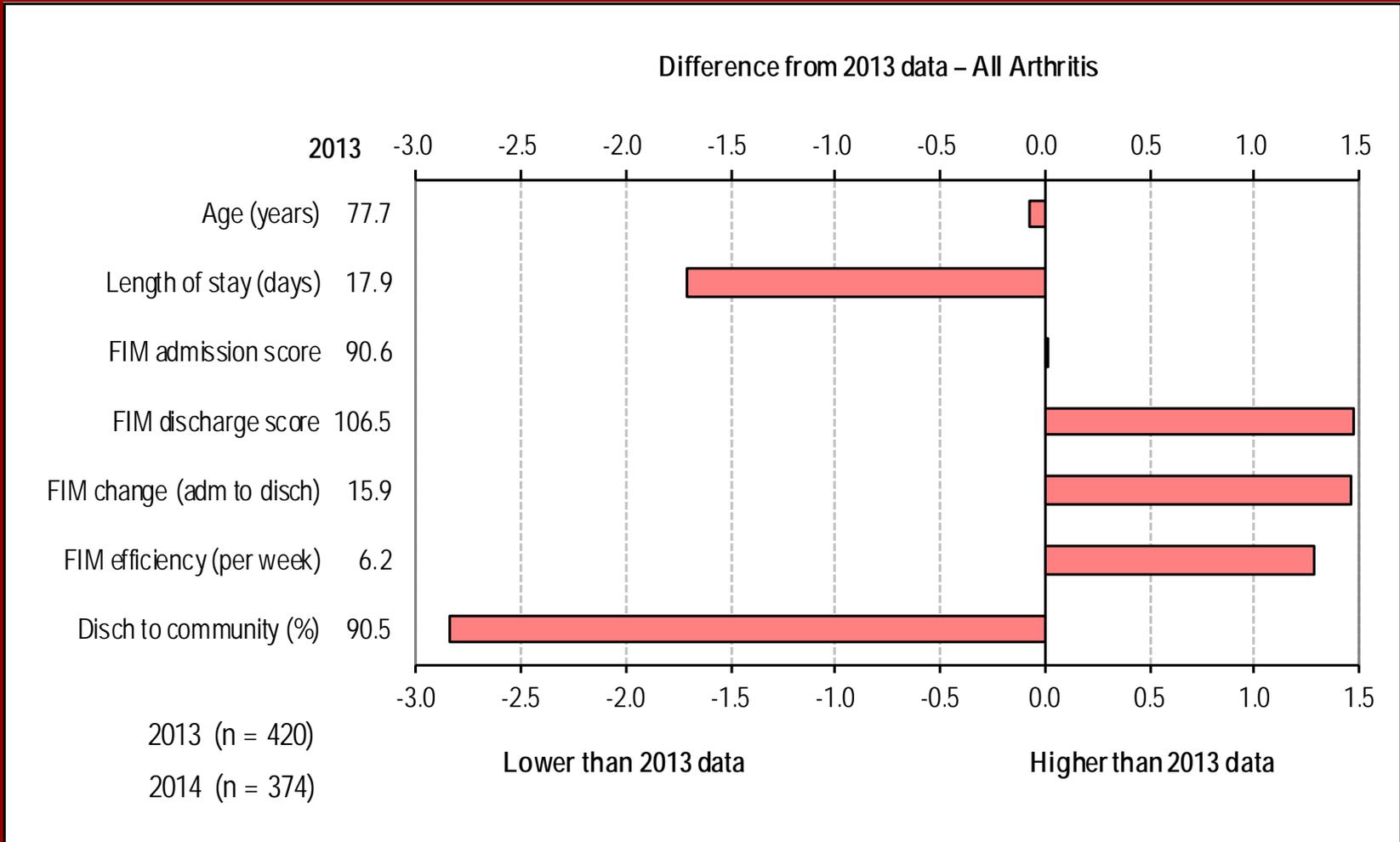
Arthritis discharge destination by AN-SNAP class



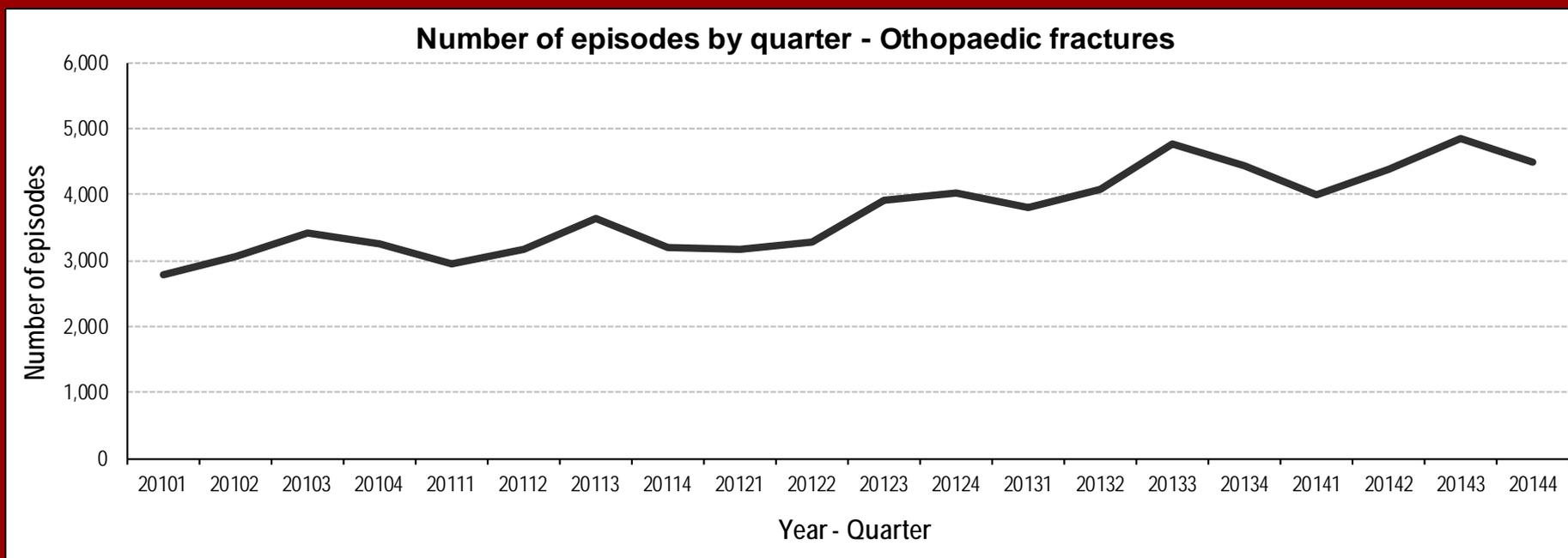
Arthritis LOS and FIM change by AN-SNAP class



Change in outcome measures in arthritis – 2013 to 2014



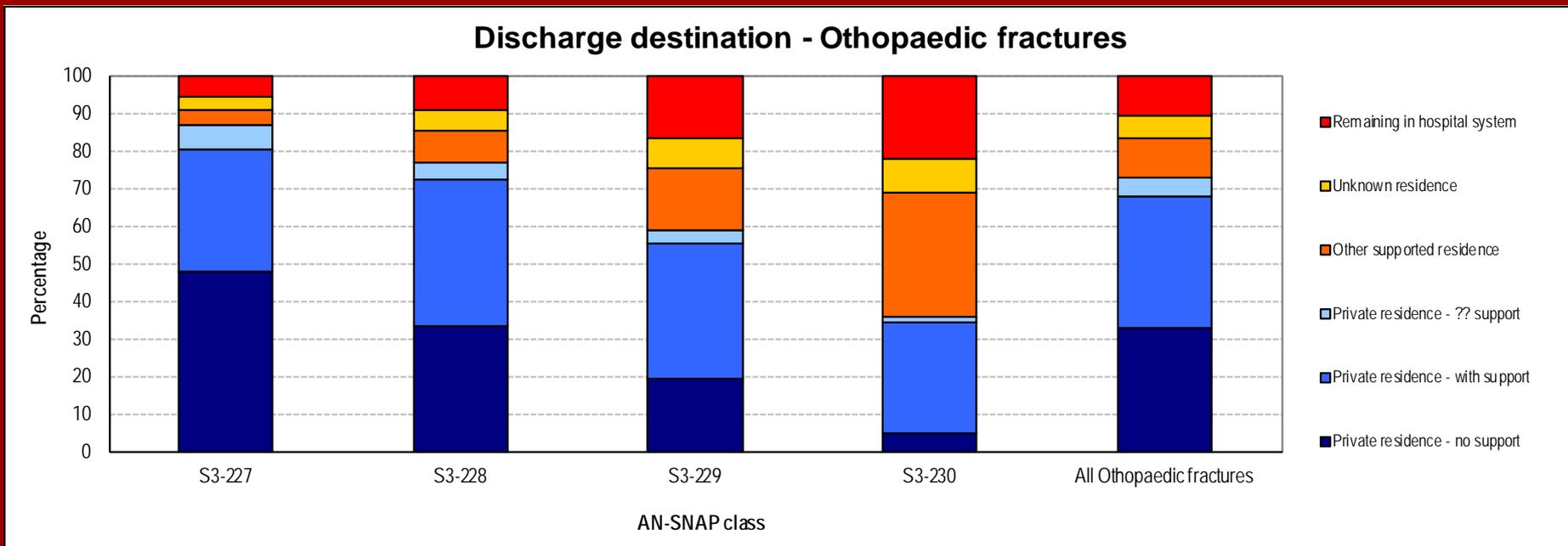
Change in orthopaedic fracture episodes over time



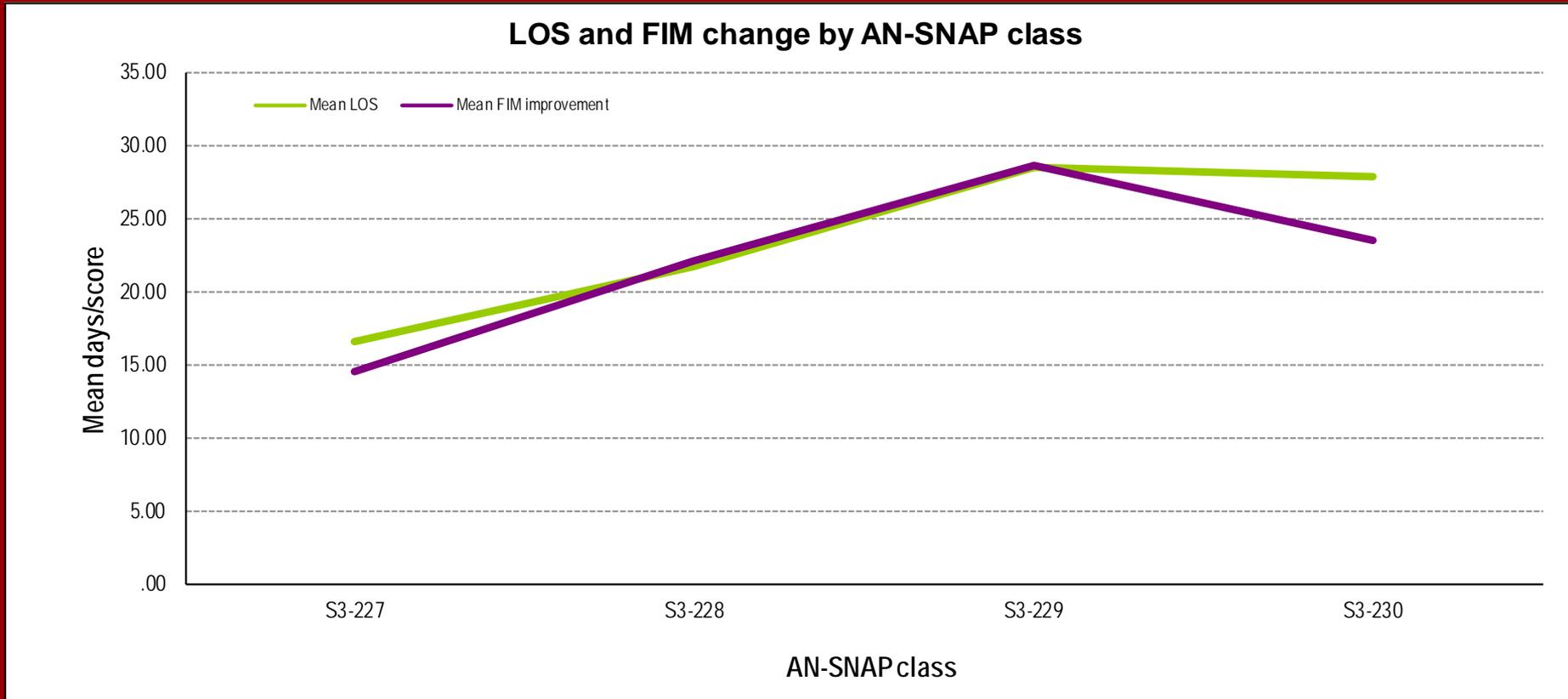
Orthopaedic fracture episodes in 2014

AN-SNAP class:	S3-227	S3-228	S3-229	S3-230	All Othopaedic fractures
Number of episodes	6,560	4,665	5,401	1,074	17,700
Proportion of episodes	37.1%	26.4%	30.5%	6.1%	100.0%
Sector (%)					
<i>Private</i>	57.6	49.2	37.8	28.9	47.6
<i>Public</i>	42.4	50.8	62.2	71.1	52.4
Gender (%)					
<i>Female</i>	71.8	73.4	71.7	68.1	71.9
<i>Male</i>	28.2	26.6	28.3	31.9	28.1
Age (Mean+95%CI)	75.2 (75.5–74.8)	79.0 (79.4–78.7)	80.5 (80.9–80.2)	84.1 (84.7–83.4)	78.4 (78.6–78.2)
Admission FIM (Mean+95%CI)	98.0 (98.3–97.8)	82.9 (83.1–82.7)	66.0 (66.3–65.7)	43.0 (43.7–42.2)	81.8 (82.1–81.5)
LOS (Mean+95%CI)	16.5 (16.8–16.2)	21.6 (22.1–21.2)	28.4 (28.9–27.9)	27.9 (29.2–26.5)	21.9 (22.2–21.7)
Discharge destination (%)					
<i>Discharged to community</i>	94.5	90.9	83.4	77.8	89.1
<i>Remaining in hospital system</i>	5.5	9.1	16.6	22.2	10.9
FIM improvement (Mean+95%CI)	14.4 (14.6–14.3)	22.0 (22.3–21.7)	28.6 (29.0–28.2)	23.5 (24.6–22.3)	21.0 (21.2–20.8)
FIM efficiency (FIM imp./LOS)	0.9	1.0	1.0	0.8	1.0

Orthopaedic fracture discharge destination by AN-SNAP class

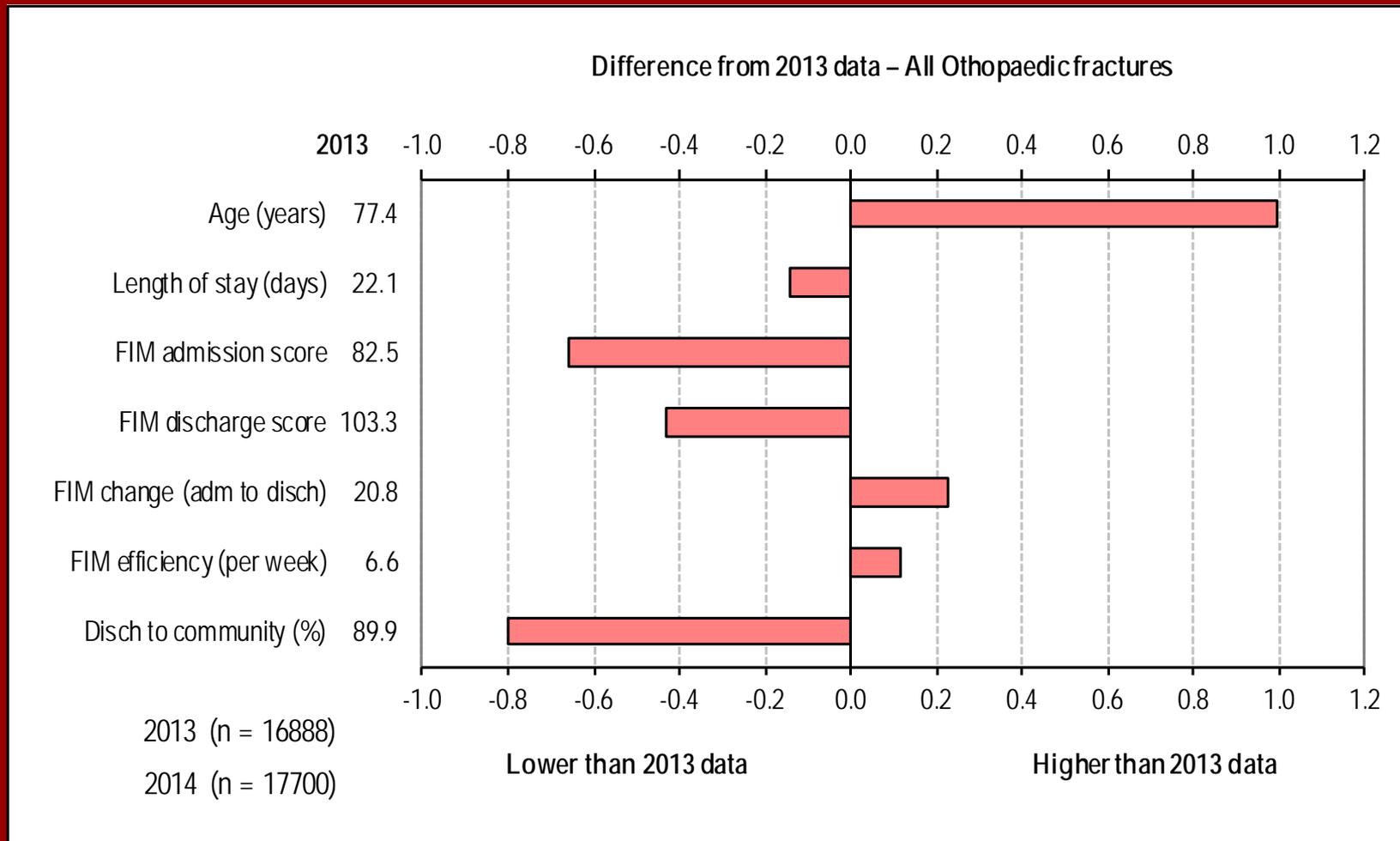


Orthopaedic fracture LOS and FIM change by AN-SNAP class

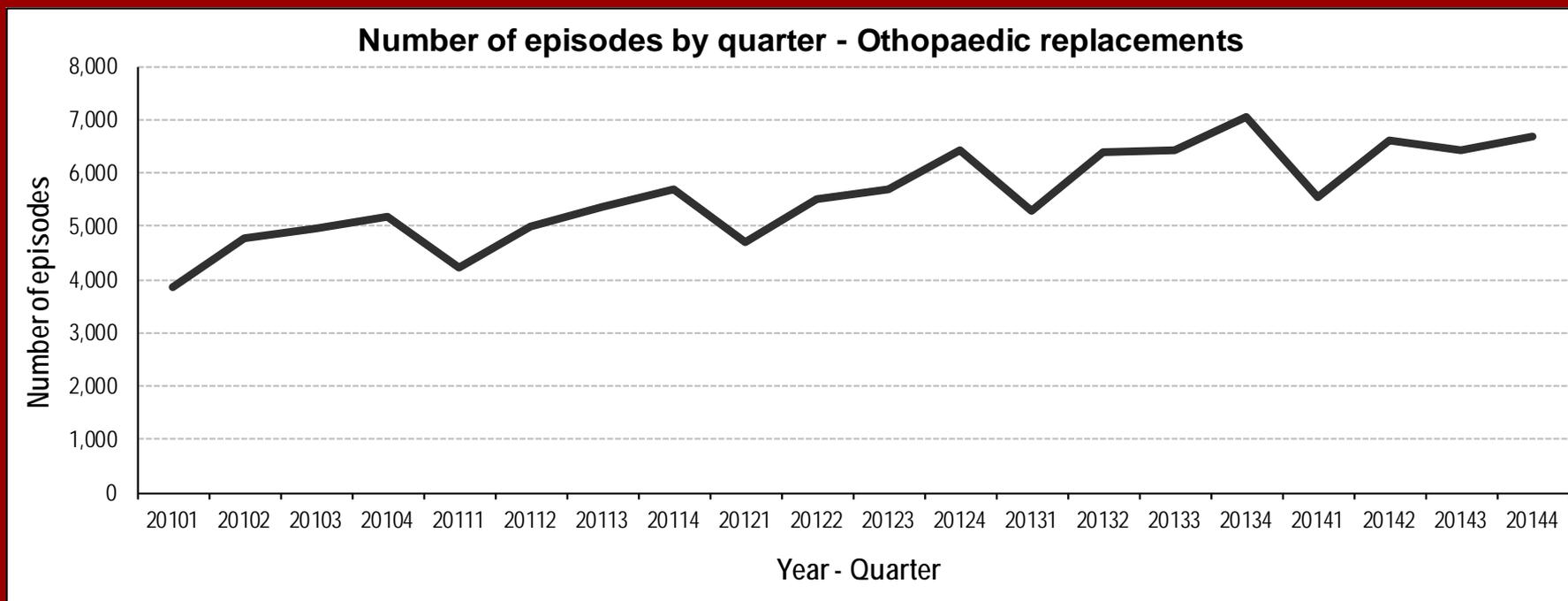


Change in outcome measures in orthopaedic fracture – 2013 to 2014

aroc



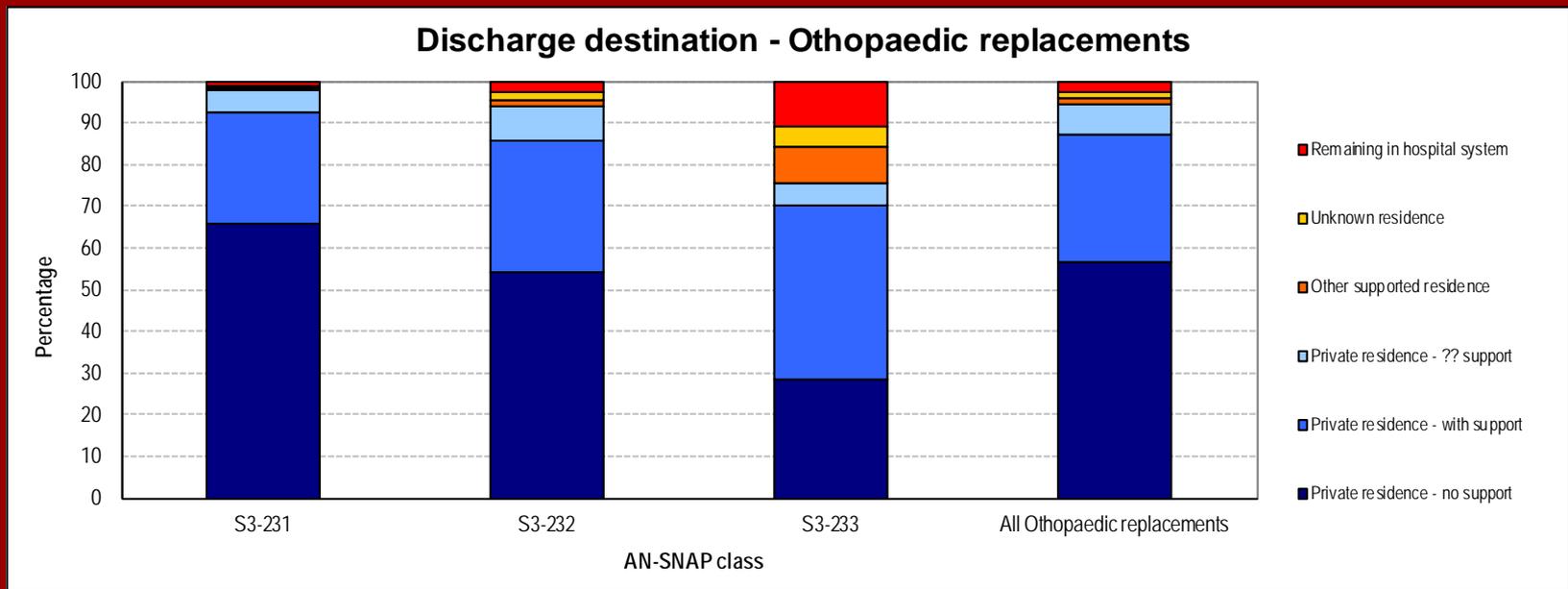
Change in orthopaedic replacement episodes over time



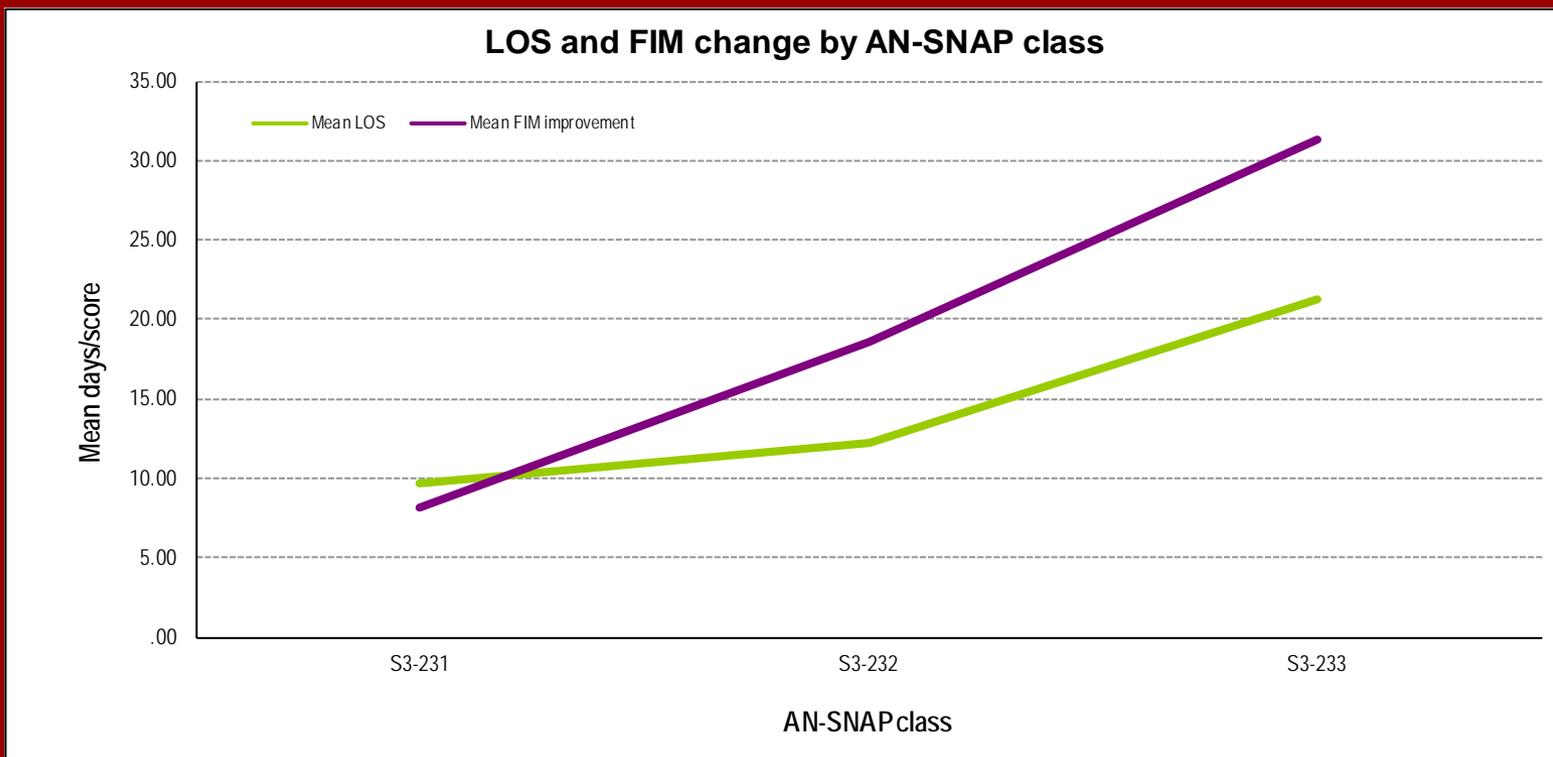
Orthopaedic replacement episodes in 2014

AN-SNAP class:	S3-231	S3-232	S3-233	All Othopaedic replacements
Number of episodes	8,991	14,709	1,541	25,241
Proportion of episodes	35.6%	58.3%	6.1%	100.0%
Sector (%)				
<i>Private</i>	93.9	84.0	53.2	85.6
<i>Public</i>	6.1	16.0	46.8	14.4
Gender (%)				
<i>Female</i>	57.9	67.2	66.6	63.9
<i>Male</i>	42.1	32.8	33.4	36.1
Age (Mean+95%CI)	67.8 (68.0–67.6)	73.0 (73.2–72.8)	77.6 (78.1–77.1)	71.4 (71.6–71.3)
Admission FIM (Mean+95%CI)	110.6 (110.7–110.6)	95.8 (95.9–95.7)	69.1 (69.7–68.5)	99.7 (99.8–99.5)
LOS (Mean+95%CI)	9.7 (9.8–9.6)	12.2 (12.3–12.1)	21.2 (21.9–20.5)	11.8 (11.9–11.7)
Discharge destination (%)				
<i>Discharged to community</i>	98.7	97.1	88.8	97.2
<i>Remaining in hospital system</i>	1.3	2.9	11.2	2.8
FIM improvement (Mean+95%CI)	8.1 (8.2–8.0)	18.6 (18.7–18.5)	31.3 (32.0–30.7)	15.5 (15.6–15.4)
FIM efficiency (FIM imp./LOS)	0.8	1.5	1.5	1.3

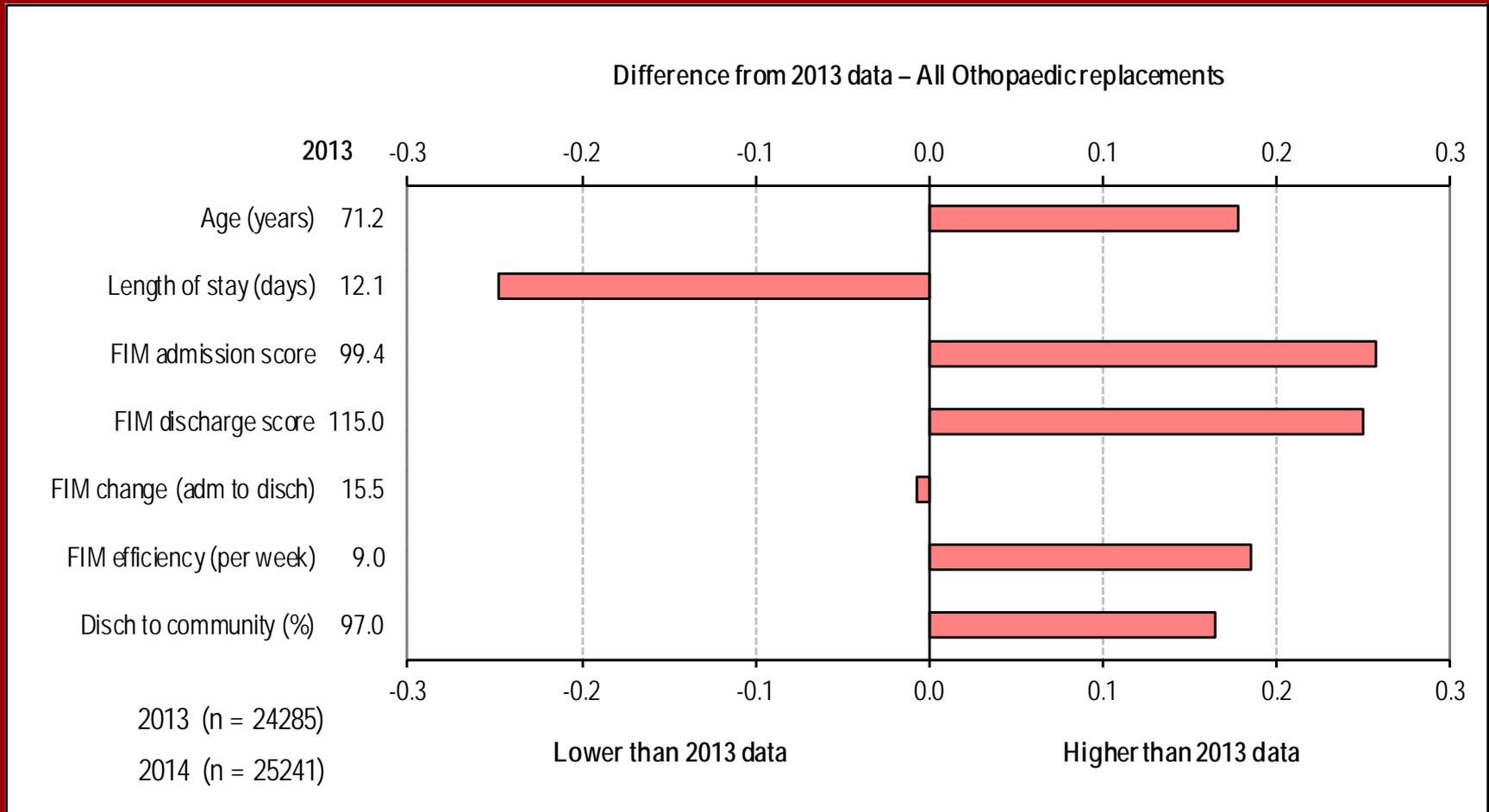
Orthopaedic replacement discharge destination by AN-SNAP class



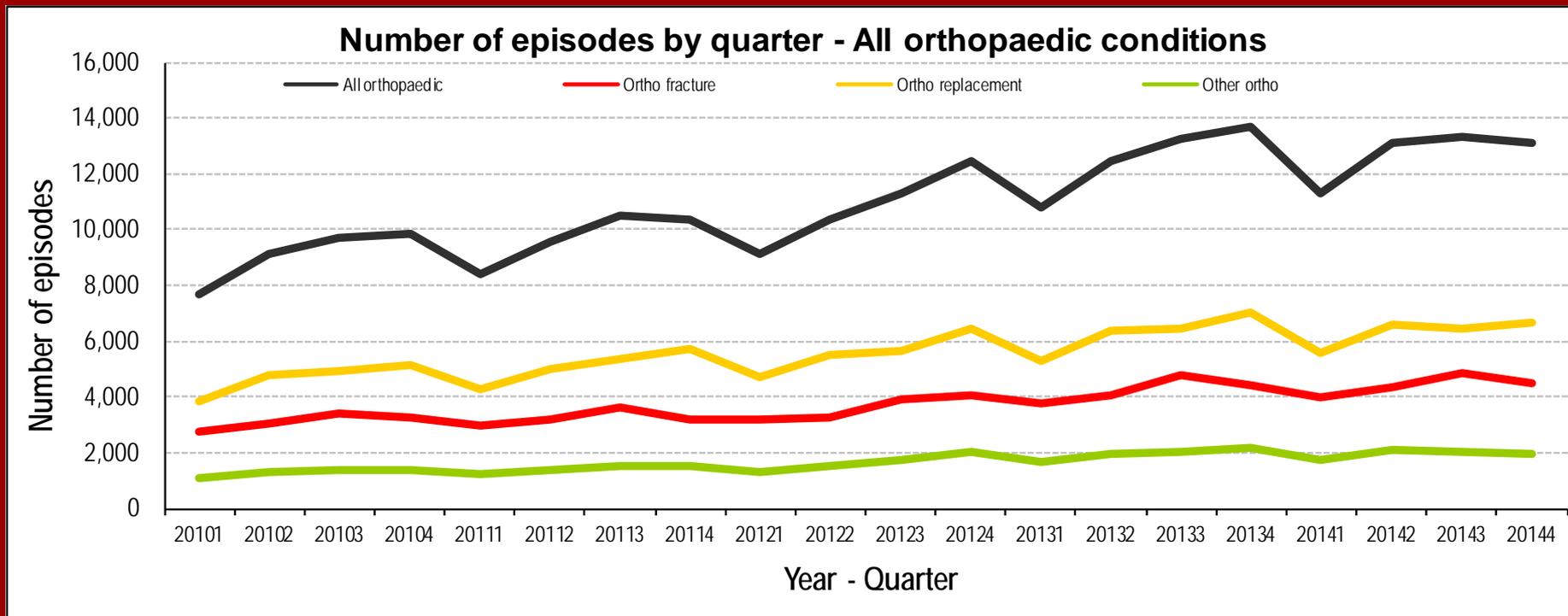
Orthopaedic replacement LOS and FIM change by AN-SNAP class



Change in outcome measures in orthopaedic replacement – 2013 to 2014



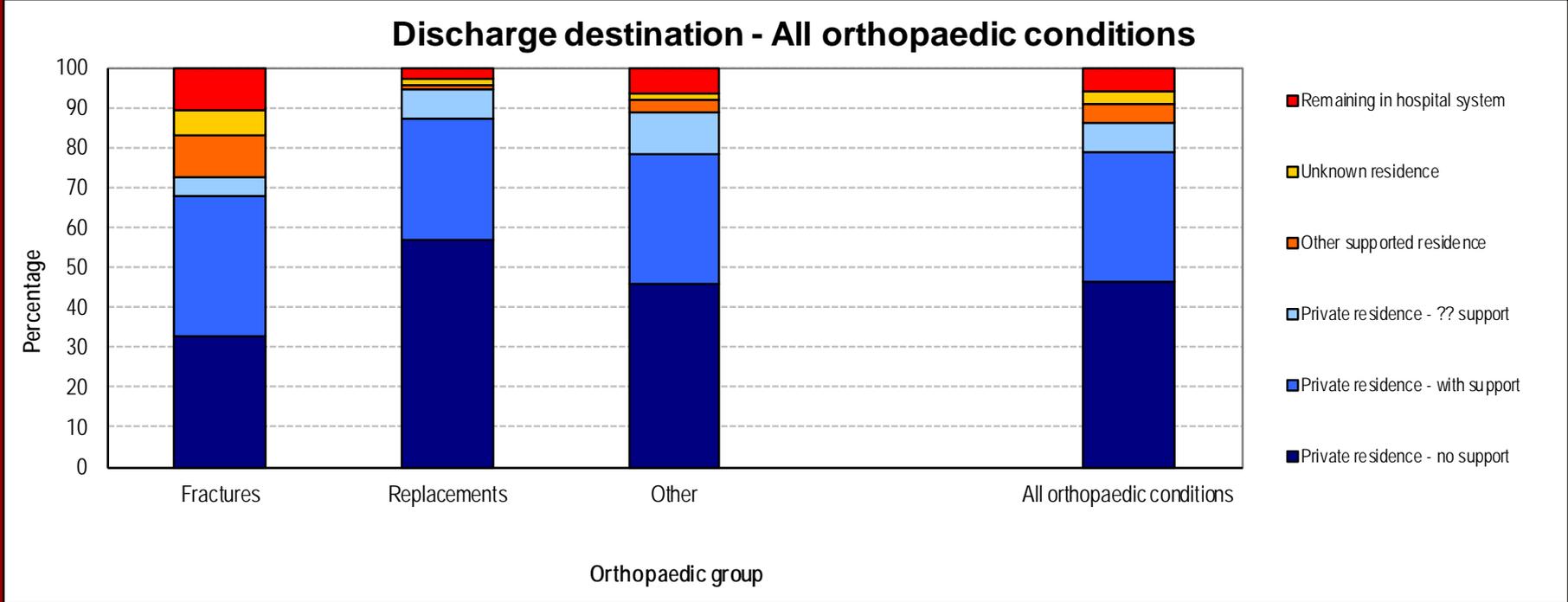
Change in all orthopaedic episodes over time



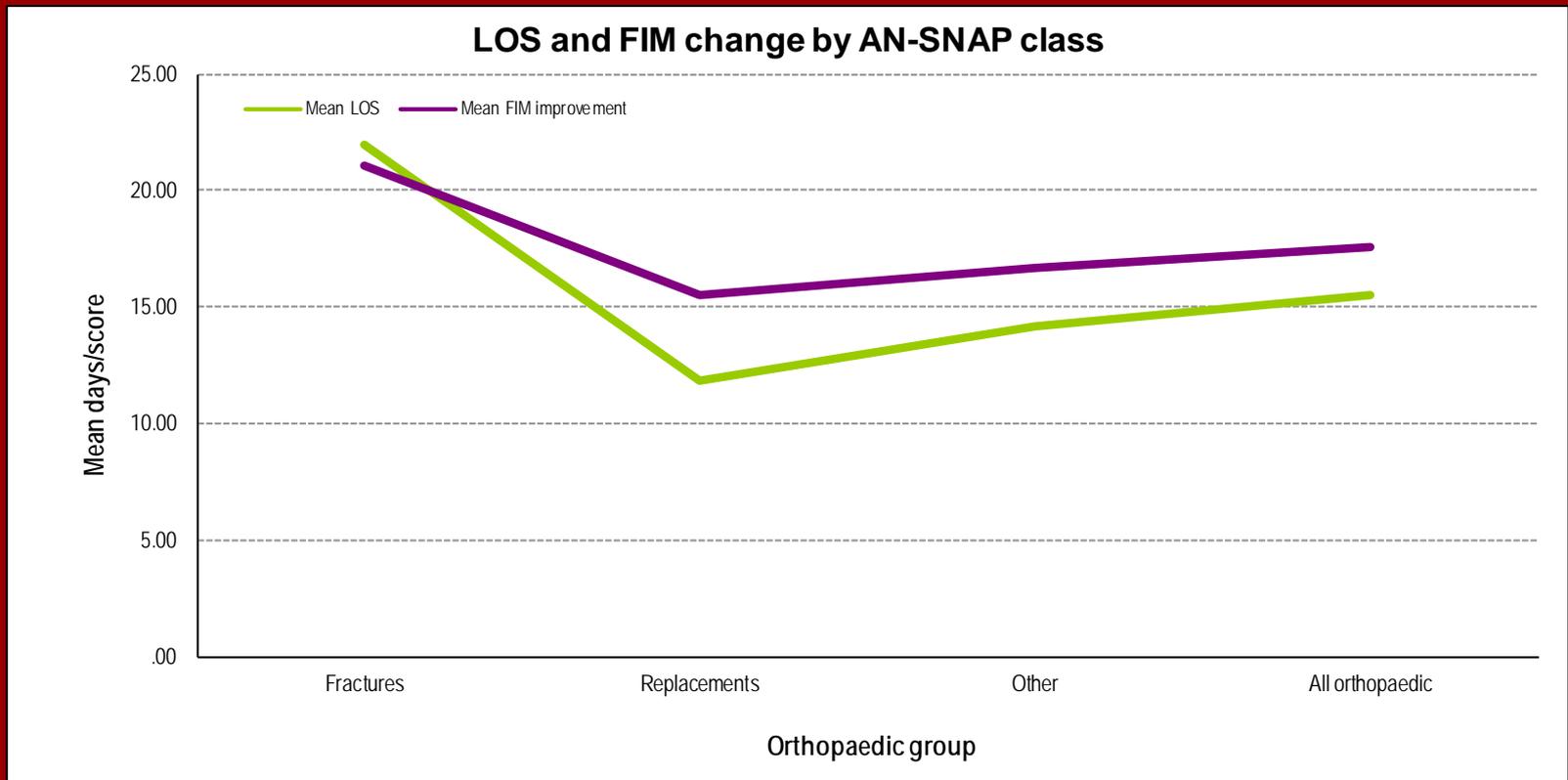
All orthopaedic episodes in 2014

	Fractures	Replacements	Other	All orthopaedic conditions
Number of episodes	17,700	25,241	7,802	50,743
Proportion of episodes	34.9%	49.7%	15.4%	100.0%
Sector (%)				
<i>Private</i>	47.6	85.6	82.7	71.9
<i>Public</i>	52.4	14.4	17.3	28.1
Gender (%)				
<i>Female</i>	71.9	63.9	64.4	66.8
<i>Male</i>	28.1	36.1	35.6	33.2
Age (Mean+95%CI)	78.4 (78.6–78.2)	71.4 (71.6–71.3)	70.4 (70.8–70.1)	73.7 (73.8–73.6)
Admission FIM (Mean+95%CI)	81.8 (82.1–81.5)	99.7 (99.8–99.5)	96.8 (97.1–96.4)	93.3 (93.4–93.1)
LOS (Mean+95%CI)	21.9 (22.2–21.7)	11.8 (11.9–11.7)	14.2 (14.4–13.9)	15.5 (15.7–15.4)
Discharge destination (%)				
<i>Discharged to community</i>	89.1	97.2	93.5	93.8
<i>Remaining in hospital system</i>	10.9	2.8	6.5	6.2
FIM improvement (Mean+95%CI)	21.0 (21.2–20.8)	15.5 (15.6–15.4)	16.7 (16.9–16.4)	17.5 (17.6–17.4)
FIM efficiency (FIM imp./LOS)	1.0	1.3	1.2	1.1

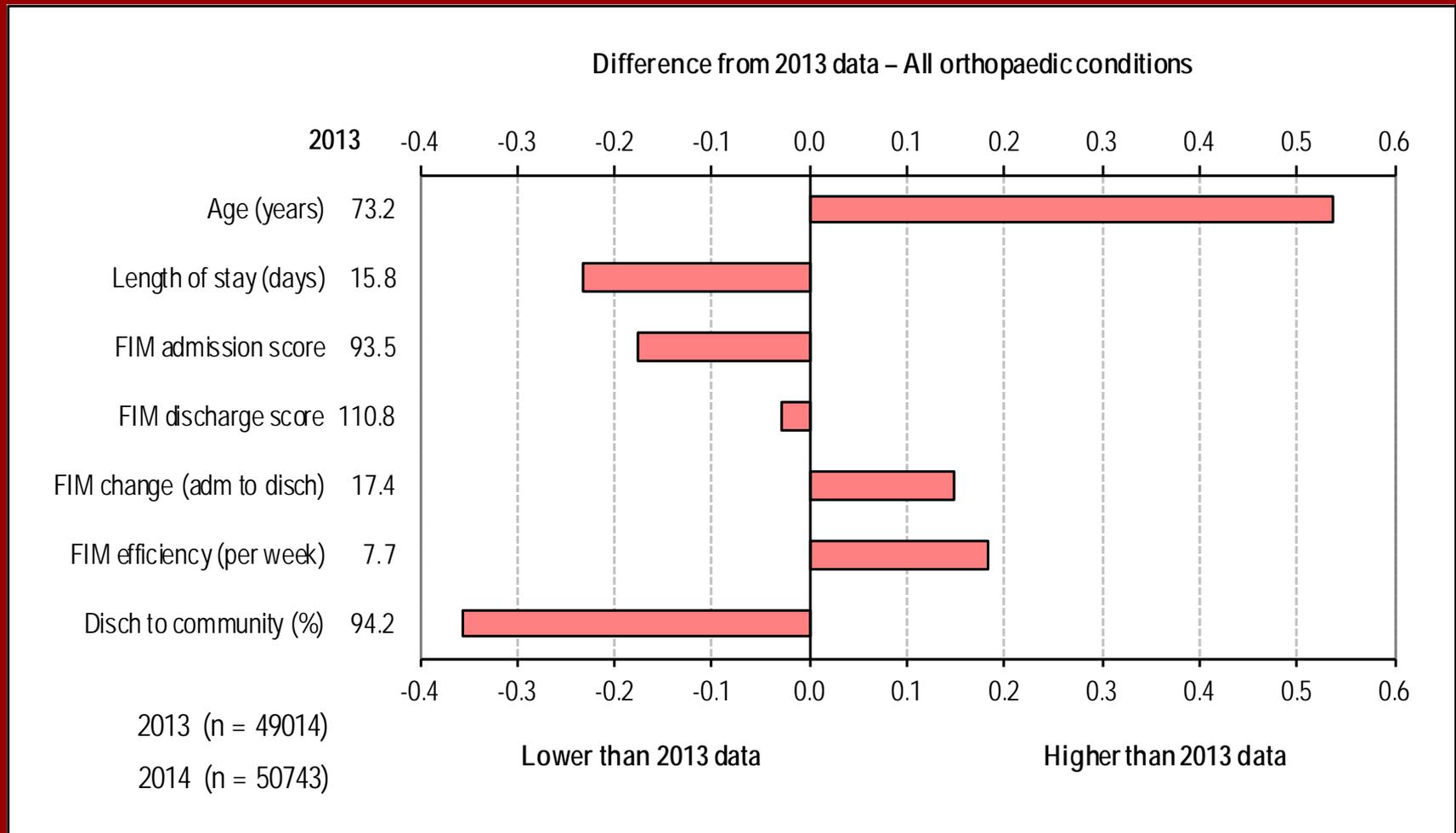
All Orthopaedic episodes discharge destination by AN-SNAP class



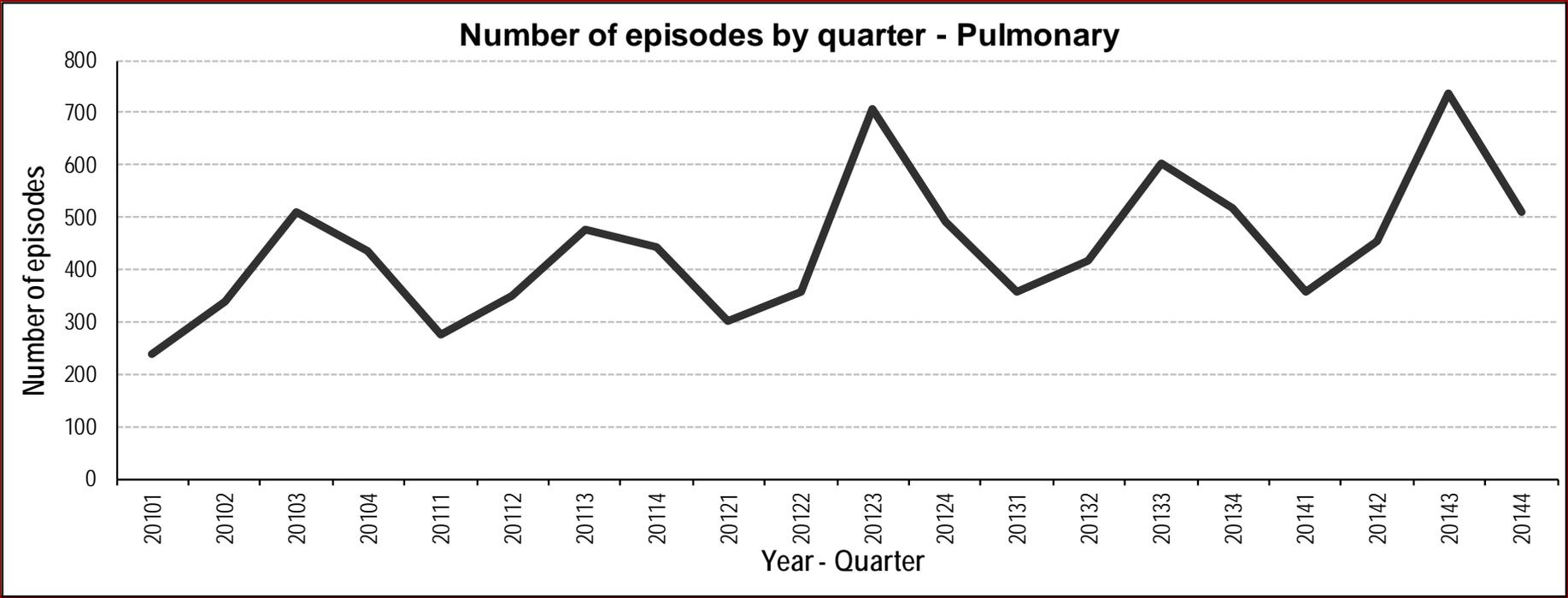
All orthopaedic conditions LOS and FIM change by AN-SNAP class



Change in outcome measures in orthopaedic conditions – 2013 to 2014



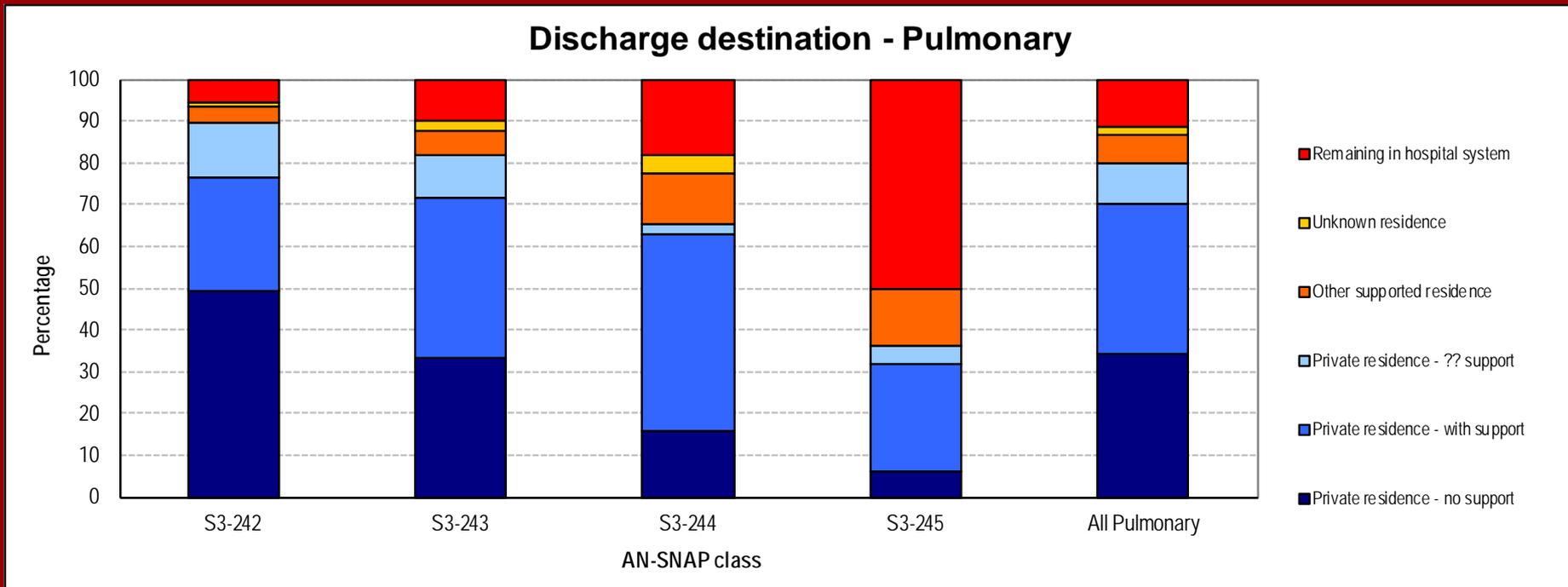
Change in pulmonary episodes over time



Pulmonary episodes in 2014

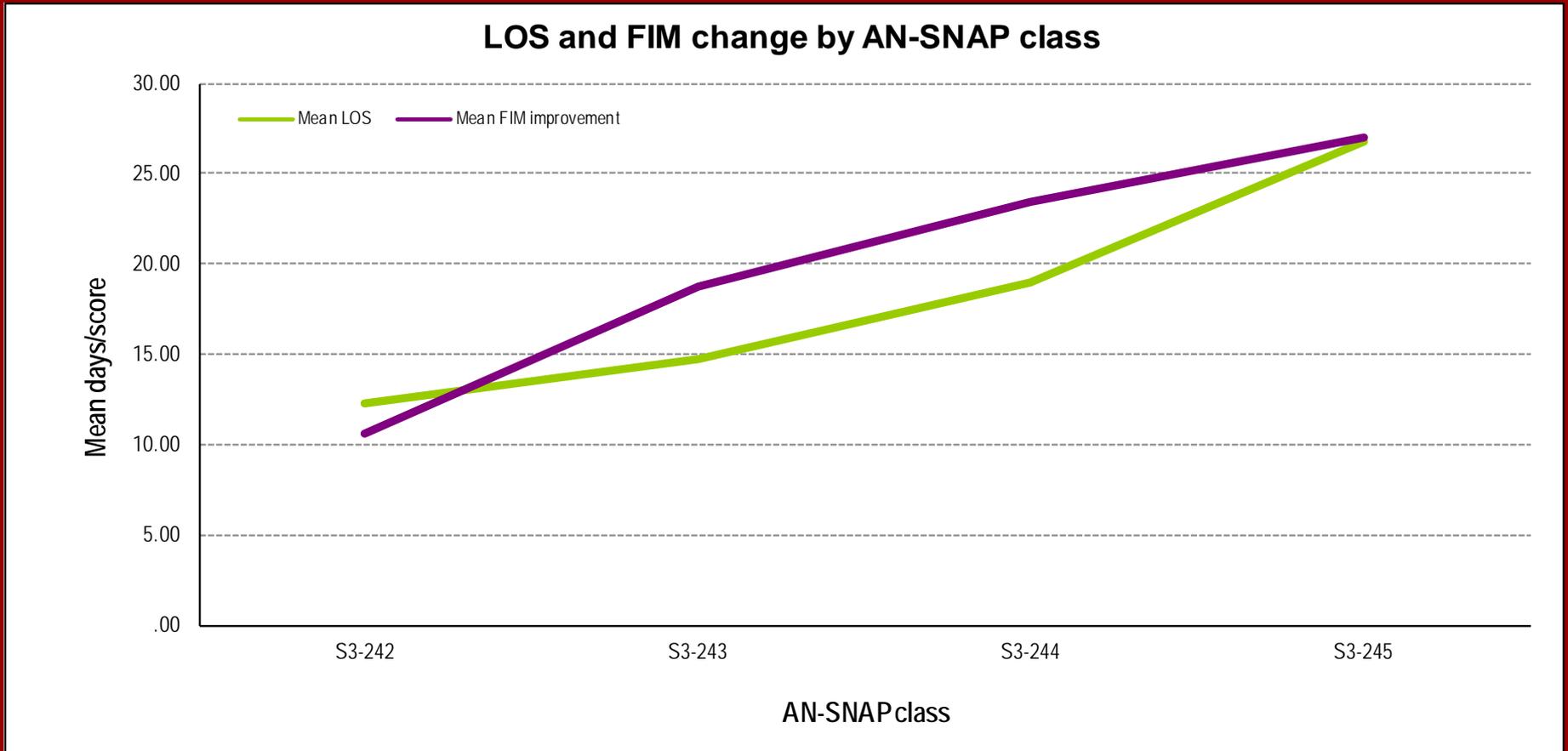
AN-SNAP class:	S3-242	S3-243	S3-244	S3-245	All Pulmonary
Number of episodes	692	854	462	50	2,058
Proportion of episodes	33.6%	41.5%	22.4%	2.4%	100.0%
Sector (%)					
<i>Private</i>	67.8	65.8	43.3	34.0	60.6
<i>Public</i>	32.2	34.2	56.7	66.0	39.4
Gender (%)					
<i>Female</i>	56.4	56.6	51.7	36.0	54.9
<i>Male</i>	43.6	43.4	48.3	64.0	45.1
Age (Mean+95%CI)	77.0 (77.9–76.2)	80.7 (81.4–80.0)	81.4 (82.4–80.5)	80.1 (83.7–76.4)	79.6 (80.1–79.1)
Admission FIM (Mean+95%CI)	106.7 (107.3–106.2)	91.0 (91.5–90.5)	70.1 (71.2–69.0)	44.5 (48.3–40.6)	91.4 (92.2–90.7)
LOS (Mean+95%CI)	12.3 (12.8–11.7)	14.7 (15.4–14.1)	19.0 (20.1–17.9)	26.8 (31.8–21.8)	15.0 (15.4–14.5)
Discharge destination (%)					
<i>Discharged to community</i>	94.7	90.2	81.8	50.0	88.8
<i>Remaining in hospital system</i>	5.3	9.8	18.2	50.0	11.2
FIM improvement (Mean+95%CI)	10.6 (11.2–10.1)	18.7 (19.4–18.1)	23.5 (24.9–22.0)	26.9 (34.9–19.0)	17.0 (17.5–16.5)
FIM efficiency (FIM imp./LOS)	0.9	1.3	1.2	1.0	1.1

Pulmonary discharge destination by AN-SNAP class

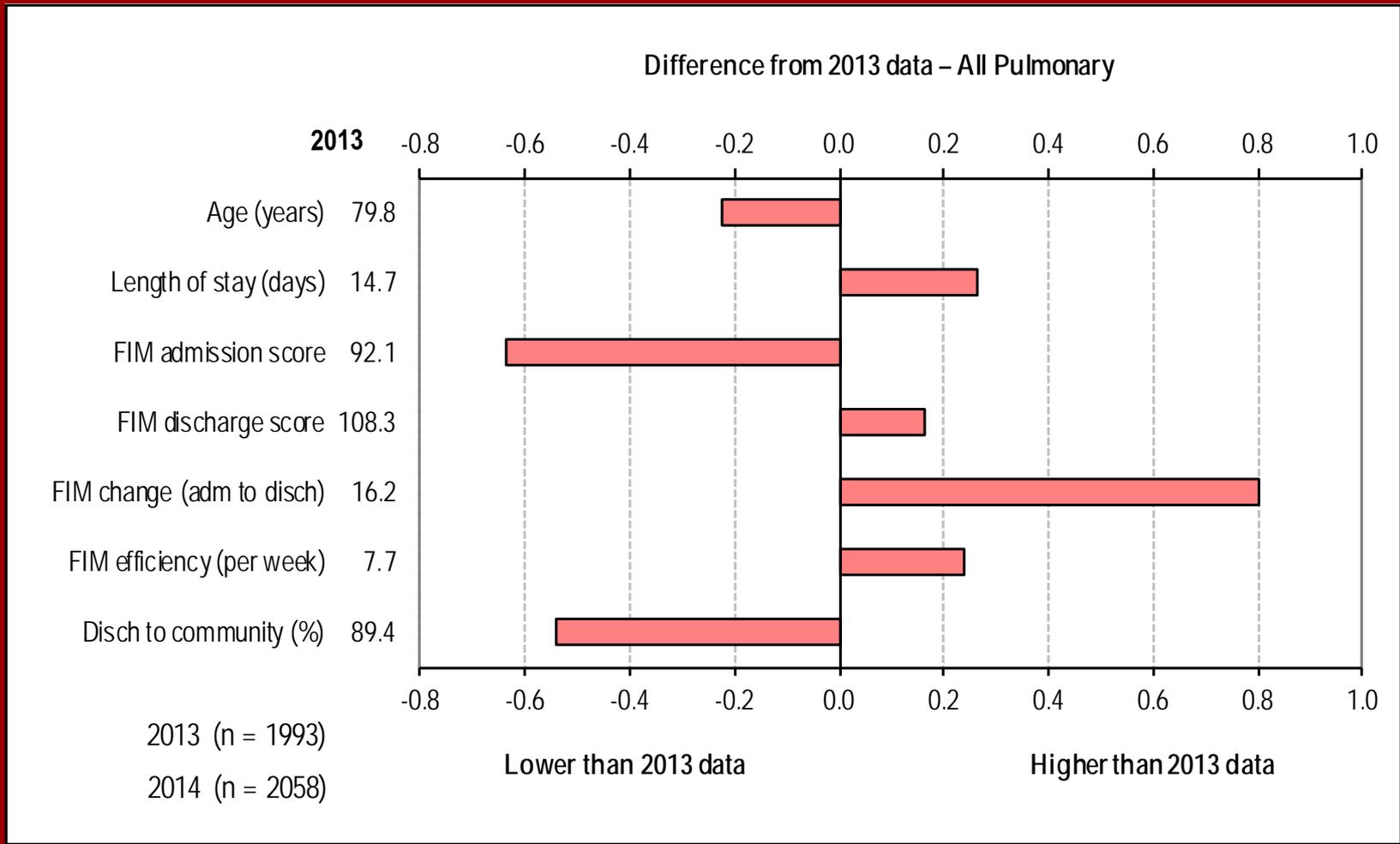


Pulmonary LOS and FIM change by AN-SNAP class

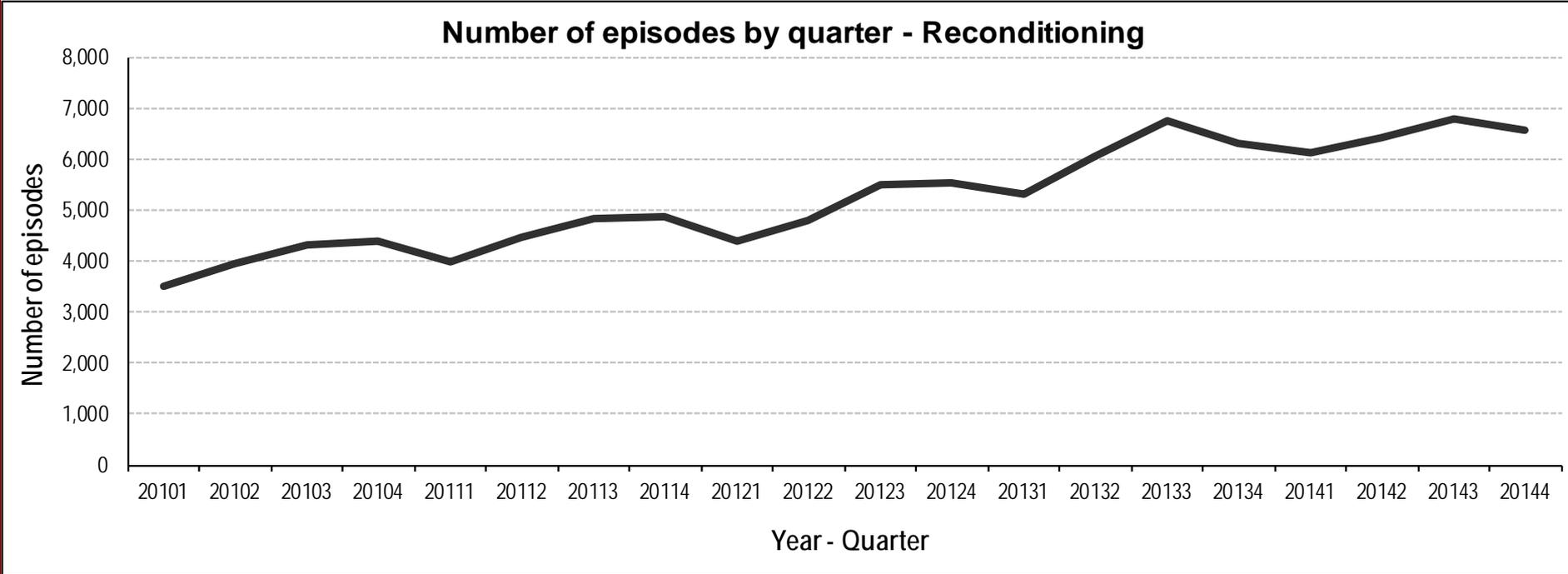
aroc



Change in outcome measures in pulmonary – 2013 to 2014



Change in reconditioning episodes over time



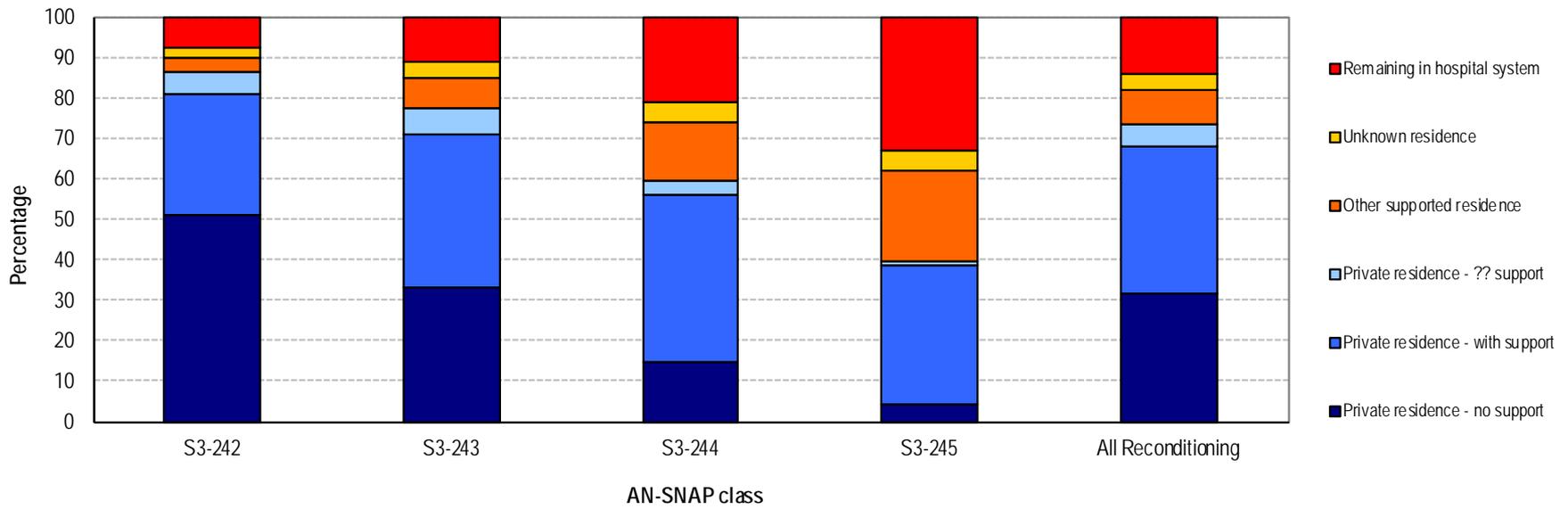
Reconditioning episodes in 2014

AN-SNAP class:	S3-242	S3-243	S3-244	S3-245	All Reconditioning
Number of episodes	7,221	9,962	7,688	983	25,854
Proportion of episodes	27.9%	38.5%	29.7%	3.8%	100.0%
Sector (%)					
<i>Private</i>	67.1	61.3	41.5	28.0	55.8
<i>Public</i>	32.9	38.7	58.5	72.0	44.2
Gender (%)					
<i>Female</i>	56.6	59.6	54.7	51.9	57.0
<i>Male</i>	43.4	40.4	45.3	48.1	43.0
Age (Mean+95%CI)	76.9 (77.1–76.6)	80.9 (81.1–80.7)	80.8 (81.1–80.6)	78.4 (79.2–77.5)	79.7 (79.8–79.5)
Admission FIM (Mean+95%CI)	106.0 (106.2–105.9)	89.7 (89.9–89.6)	68.2 (68.5–67.9)	40.0 (40.7–39.2)	87.1 (87.4–86.9)
LOS (Mean+95%CI)	12.7 (12.9–12.5)	16.1 (16.3–15.8)	21.7 (22.1–21.4)	29.9 (31.6–28.2)	17.1 (17.2–16.9)
Discharge destination (%)					
<i>Discharged to community</i>	92.2	88.6	79.0	67.0	85.9
<i>Remaining in hospital system</i>	7.8	11.4	21.0	33.0	14.1
FIM improvement (Mean+95%CI)	9.5 (9.7–9.4)	17.0 (17.2–16.8)	21.9 (22.3–21.6)	23.2 (24.8–21.6)	16.3 (16.5–16.2)
FIM efficiency (FIM imp./LOS)	0.7	1.1	1.0	0.8	1.0

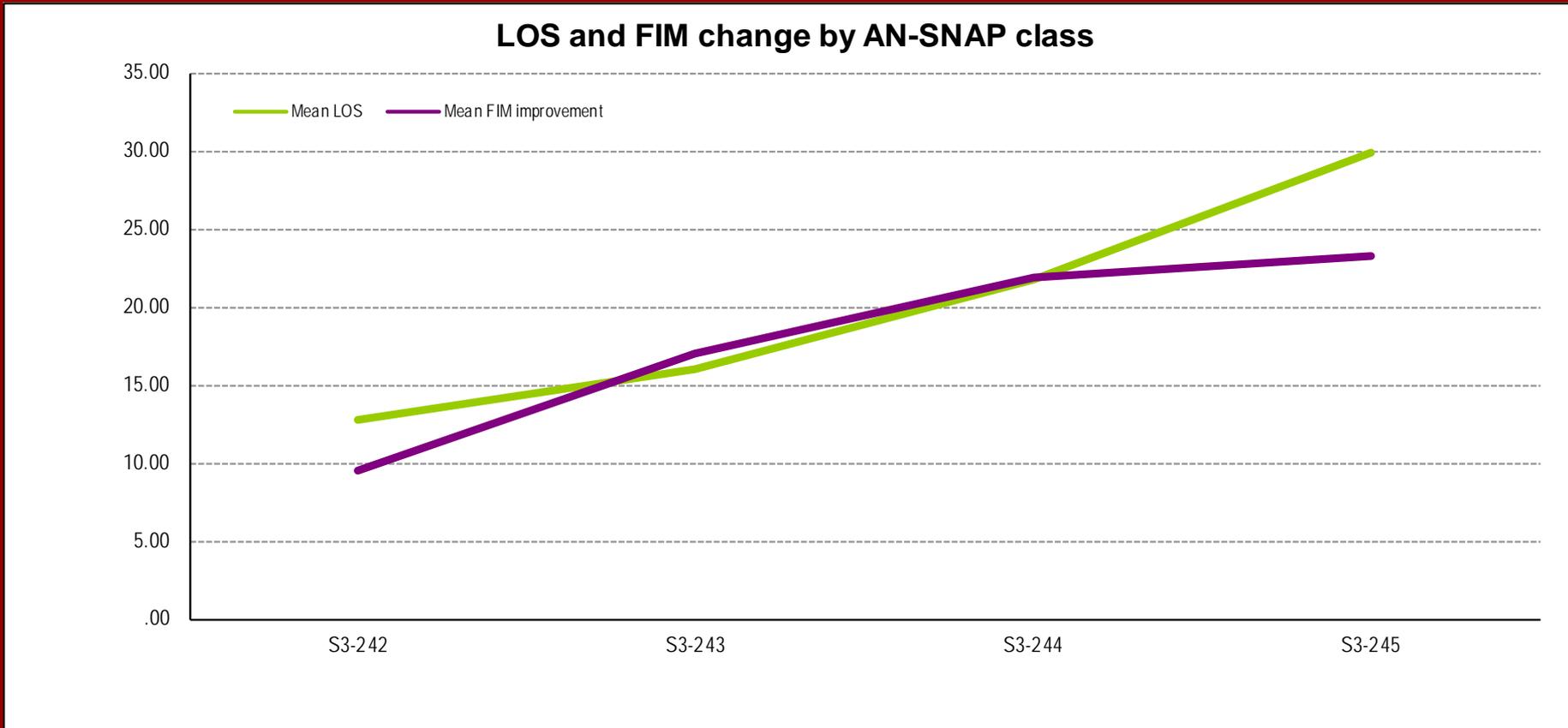
Reconditioning discharge destination by AN-SNAP class



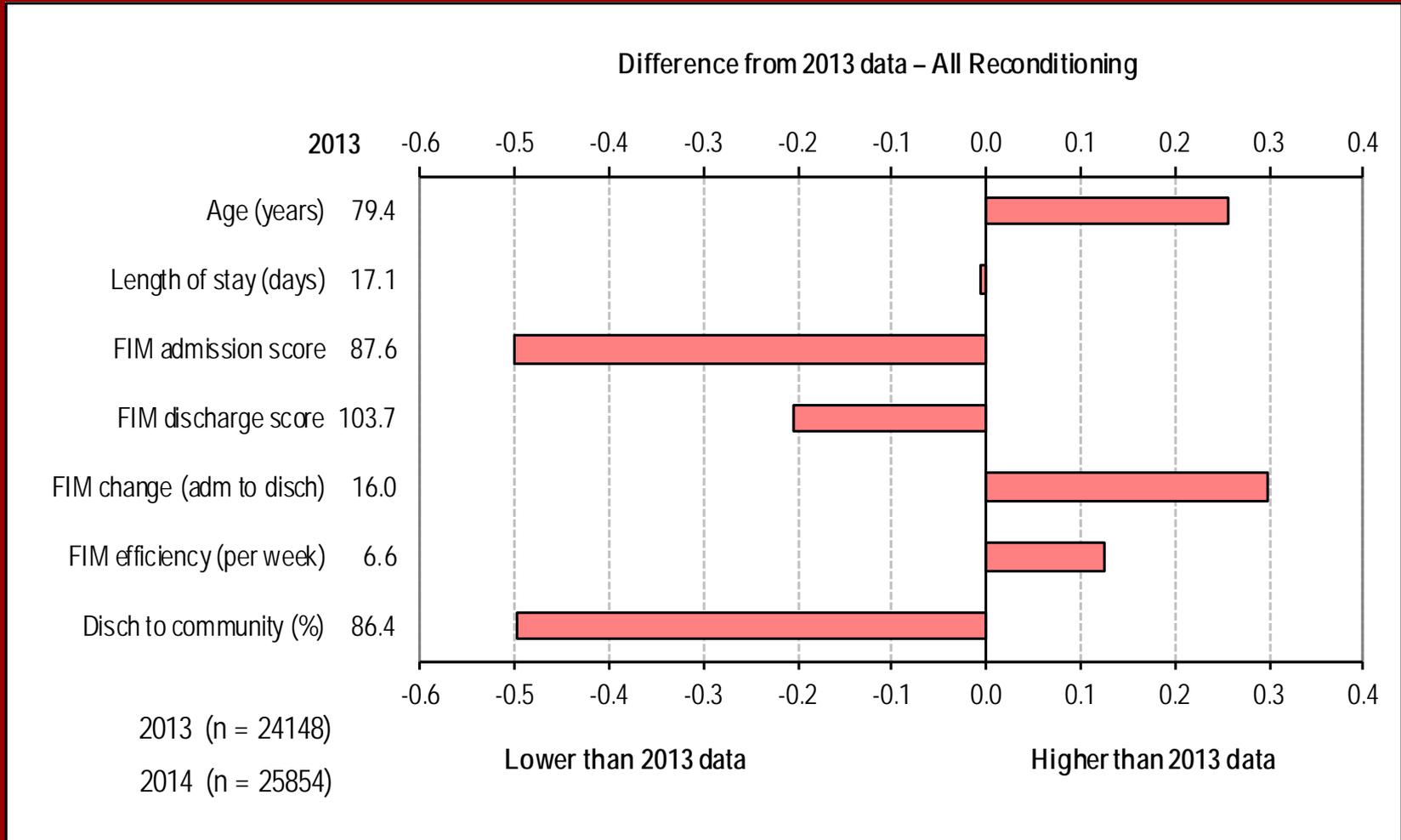
Discharge destination - Reconditioning



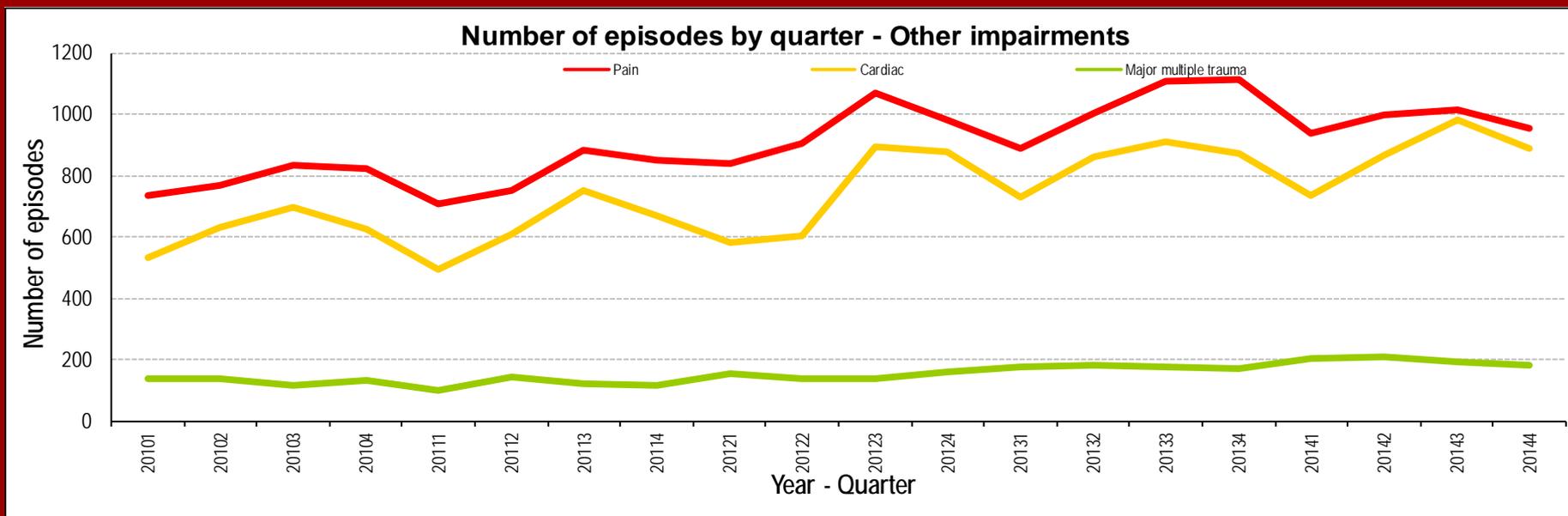
Reconditioning LOS and FIM change by AN-SNAP class



Change in outcome measures in reconditioning – 2013 to 2014



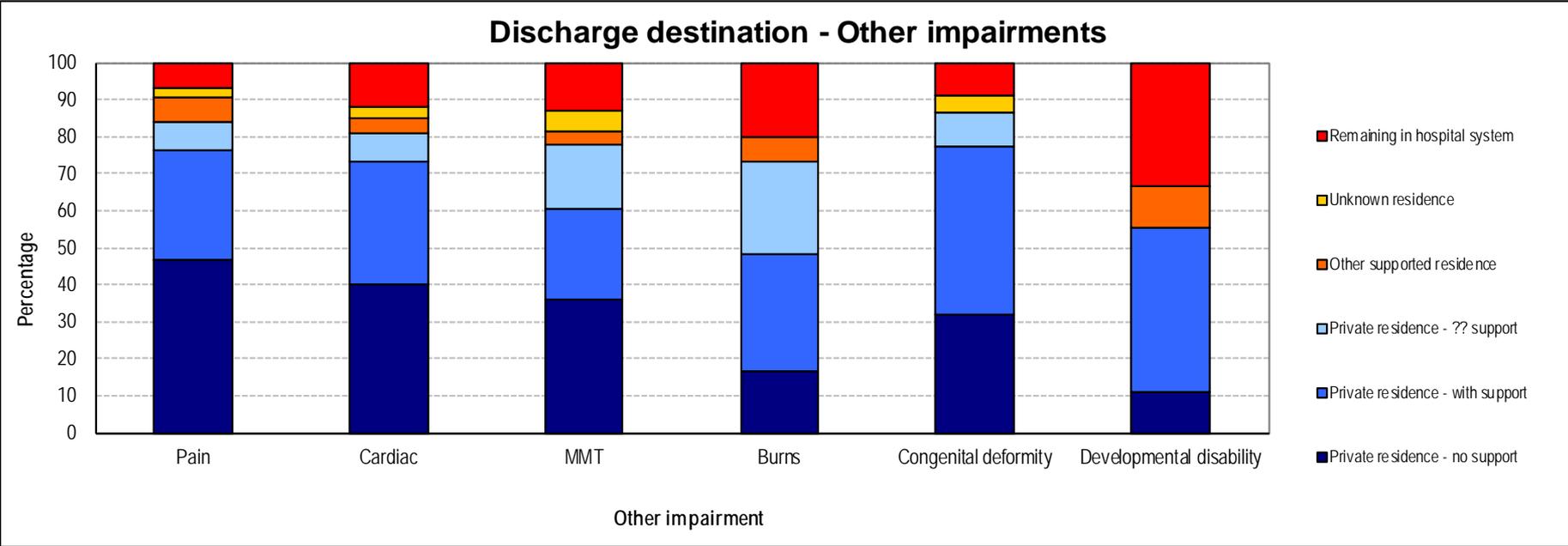
Change in other impairment episodes over time



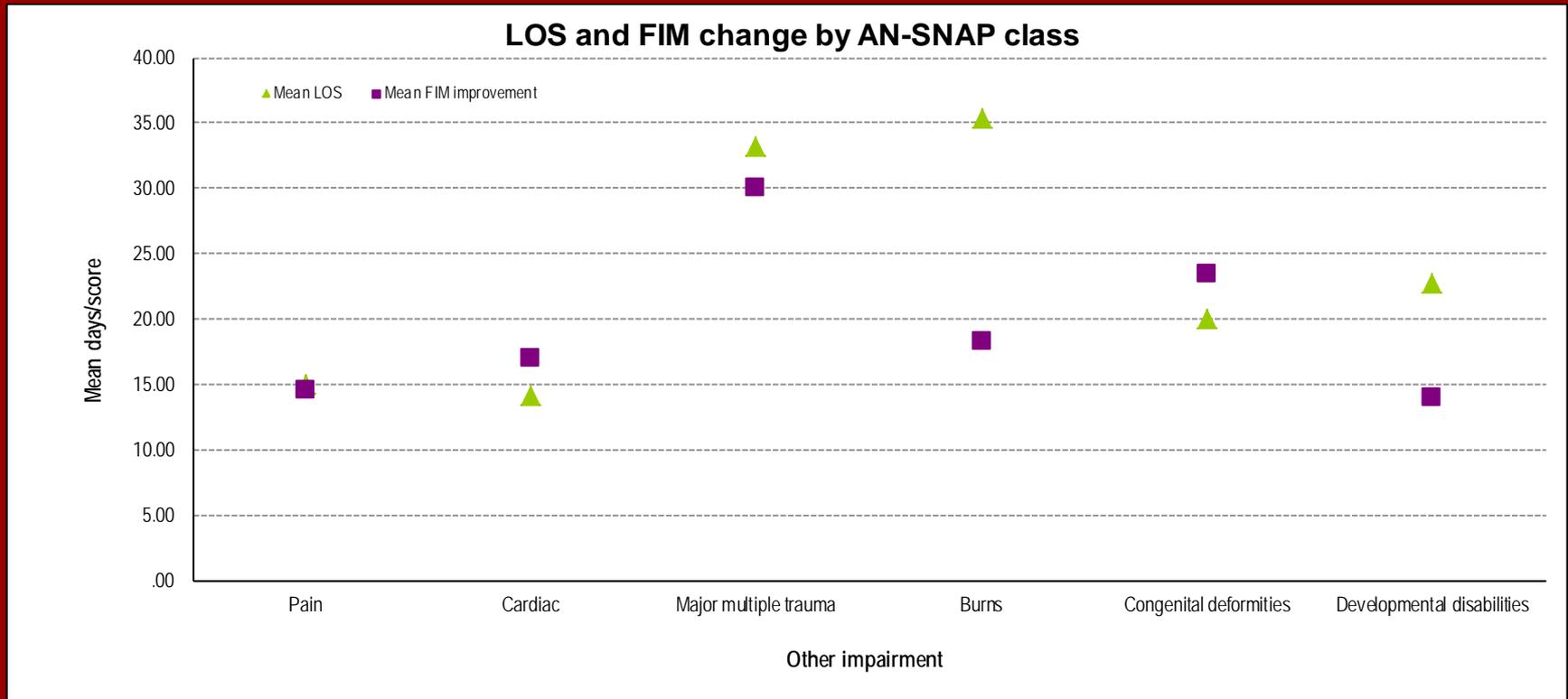
Other impairment episodes in 2014

	Pain	Cardiac	MMT	Burns	Congenital deformity	Developmental disability
Number of episodes	3,906	3,470	795	60	22	9
Proportion of total episodes in 2012	3.8%	3.4%	0.8%	0.1%	0.0%	0.0%
Sector (%)						
<i>Private</i>	71.3	74.0	42.4	3.3	22.7	11.1
<i>Public</i>	28.7	26.0	57.6	96.7	77.3	88.9
Gender (%)						
<i>Female</i>	70.2	48.4	34.1	28.3	59.1	77.8
<i>Male</i>	29.8	51.6	65.9	71.7	40.9	22.2
Age (Mean+95%CI)	72.5 (73.0–71.9)	79.3 (79.6–79.0)	50.6 (52.1–49.1)	55.8 (60.7–50.8)	56.7 (66.5–46.9)	67.6 (79.8–55.3)
Admission FIM (Mean+95%CI)	96.3 (96.9–95.7)	94.6 (95.1–94.1)	80.9 (82.5–79.3)	86.8 (93.1–80.5)	79.3 (91.6–67.0)	62.1 (83.5–40.8)
LOS (Mean+95%CI)	15.0 (15.3–14.7)	14.1 (14.6–13.7)	33.1 (35.4–30.8)	35.3 (45.0–25.6)	20.1 (30.0–10.2)	22.7 (40.8–4.7)
Discharge destination (%)						
<i>Discharged to community</i>	92.9	88.2	87.0	80.0	90.9	66.7
<i>Remaining in hospital system</i>	7.1	11.8	13.0	20.0	9.1	33.3
FIM improvement (Mean+95%CI)	14.5 (14.9–14.2)	16.9 (17.3–16.6)	30.0 (31.5–28.5)	18.3 (23.1–13.5)	23.5 (32.1–14.8)	14.0 (27.1–0.9)
FIM efficiency (FIM imp./LOS)	1.0	1.2	0.9	0.5	1.2	0.6

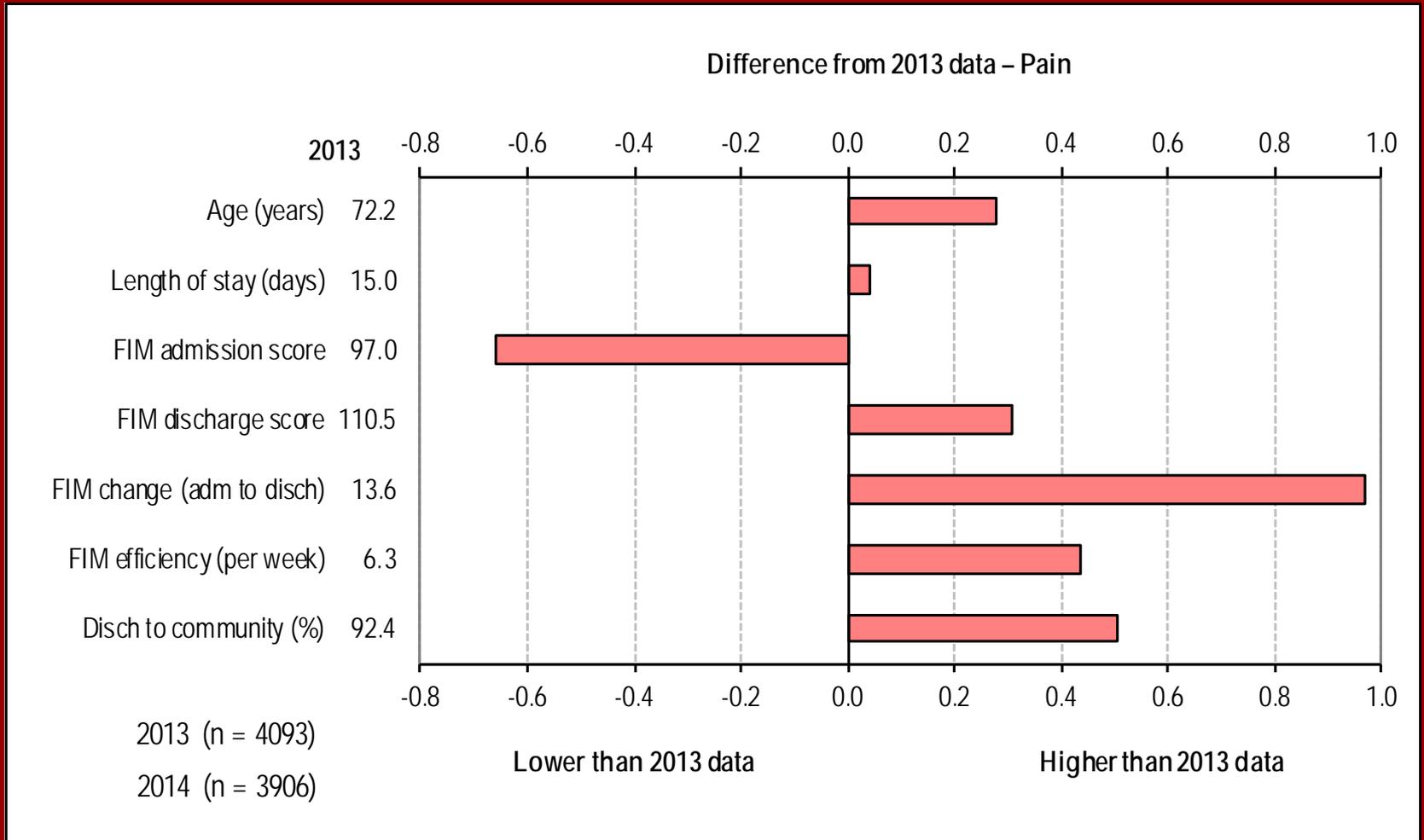
Other impairment discharge destination by AN-SNAP class



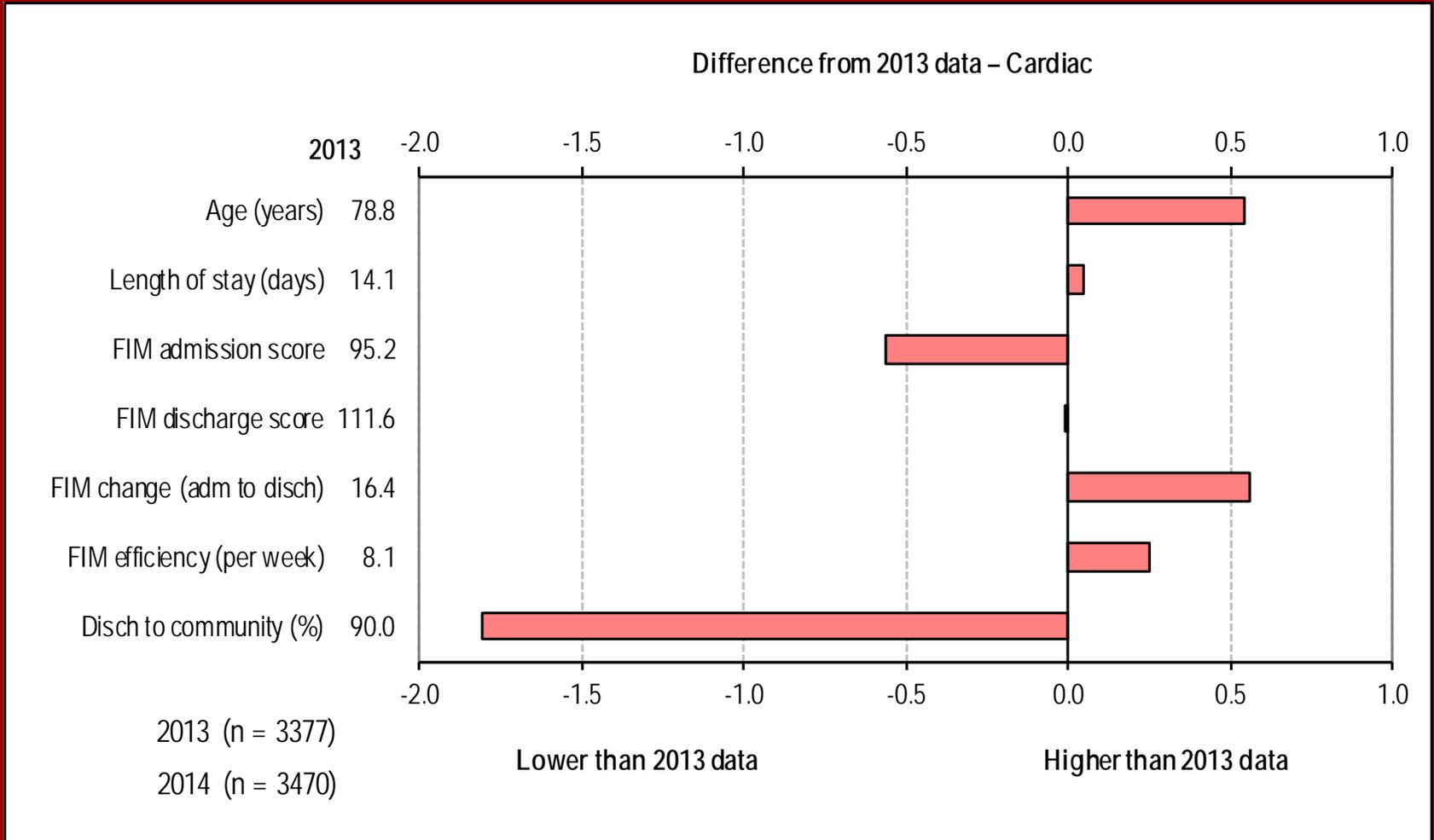
Other impairment LOS and FIM change by AN-SNAP class



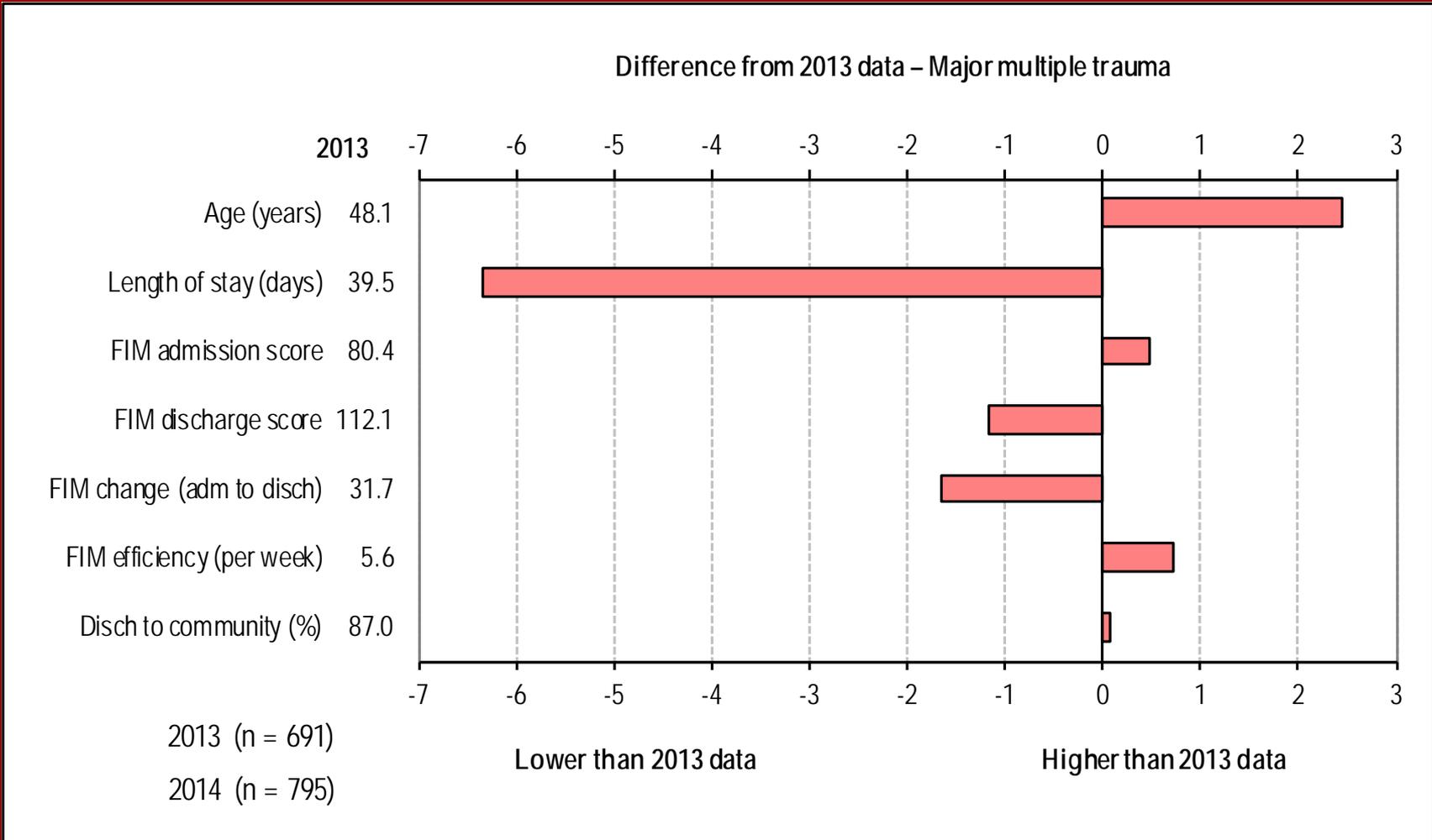
Change in outcome measures in pain – 2013 to 2014



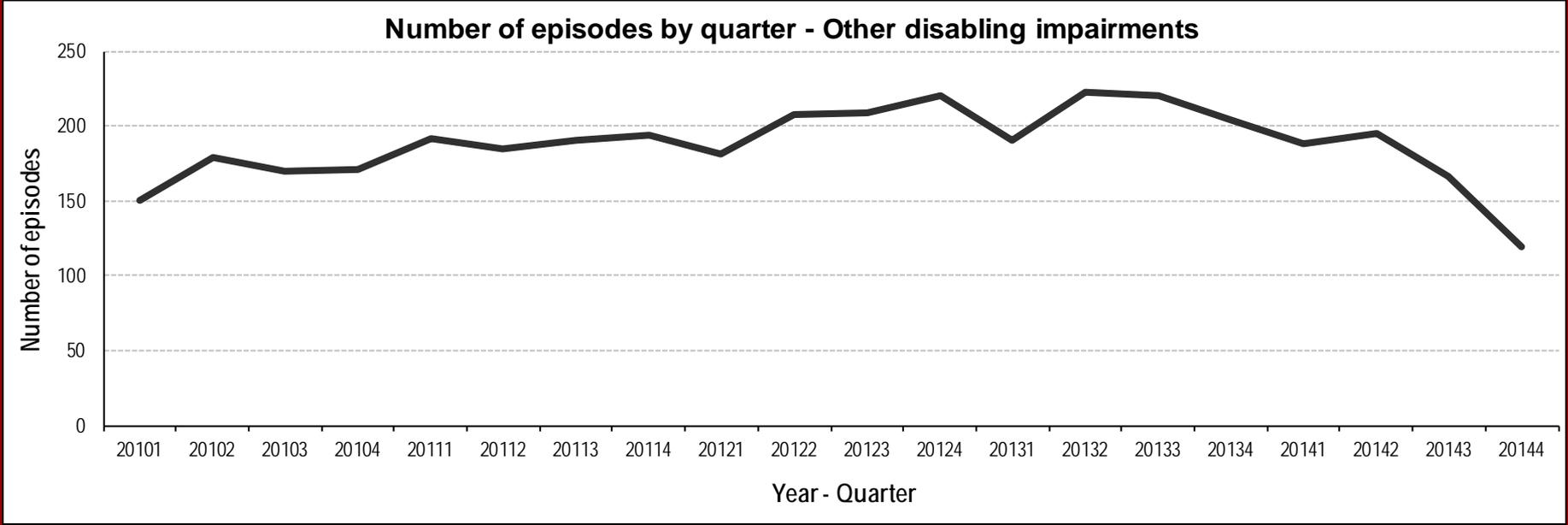
Change in outcome measures in cardiac – 2013 to 2014



Change in outcome measures in MMT – 2013 to 2014



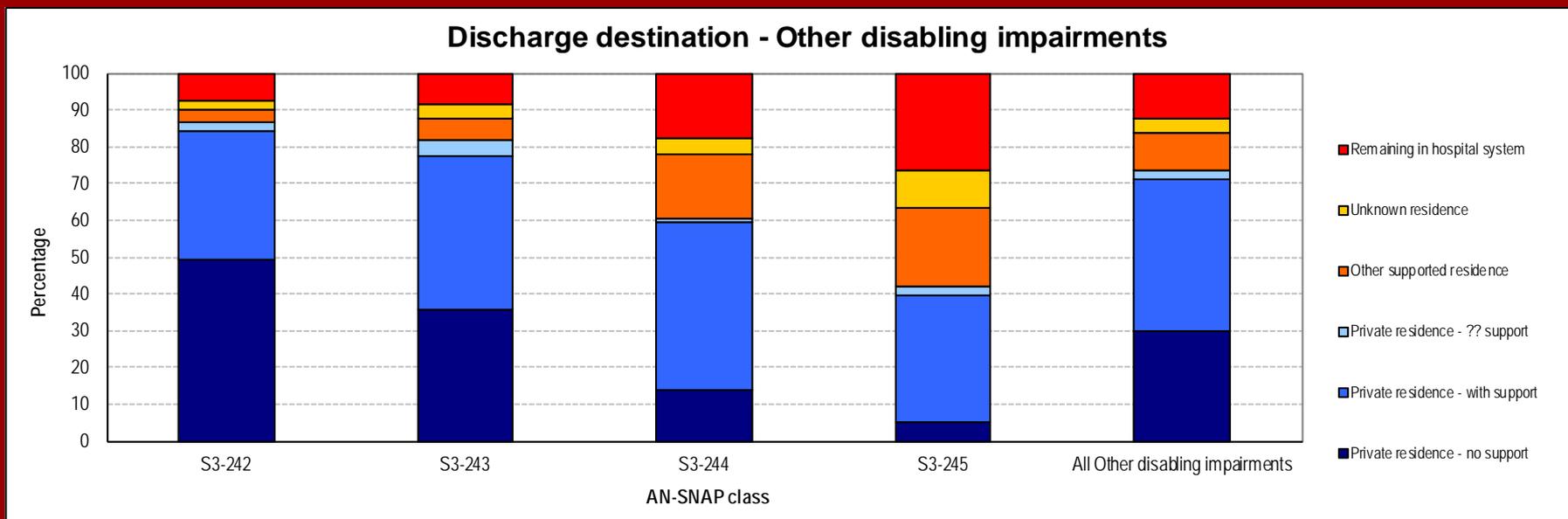
Change in other disabling impairment episodes over time



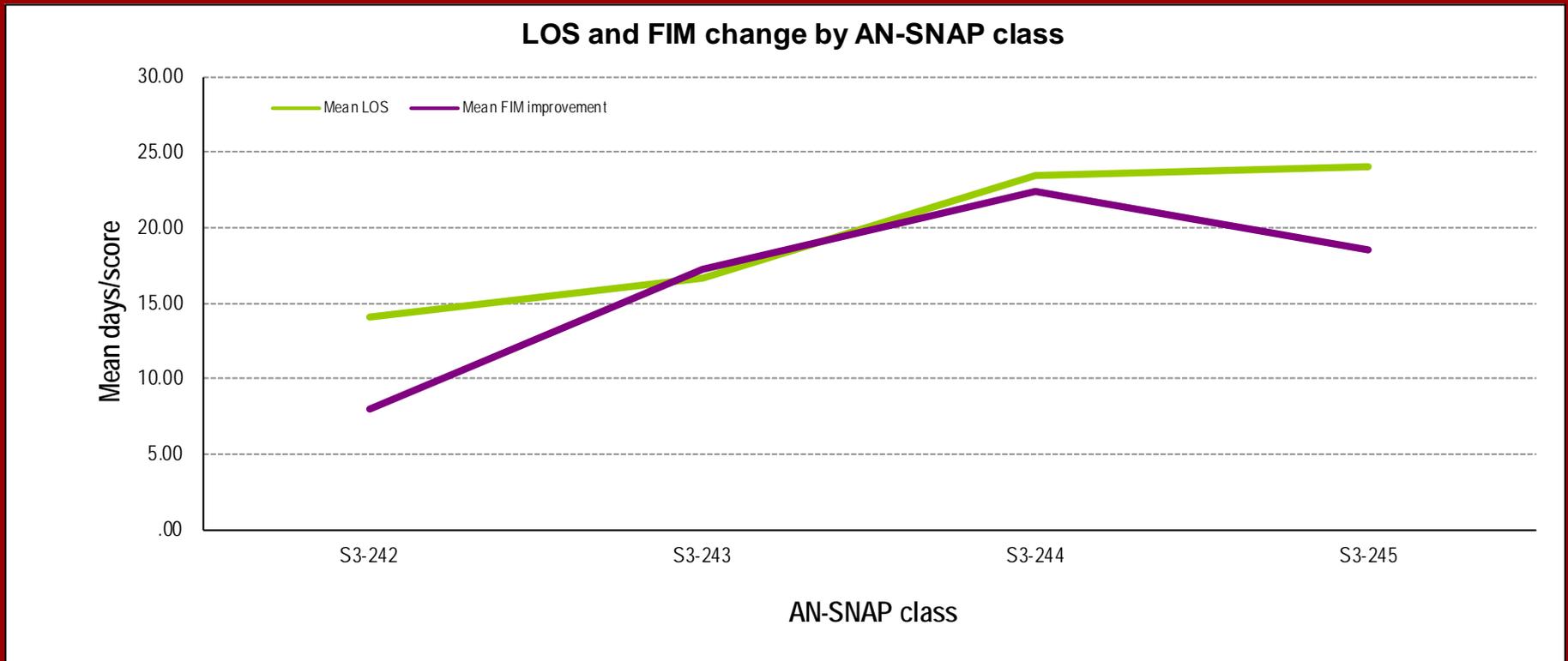
Other disabling impairment episodes in 2014

AN-SNAP class:	S3-242	S3-243	S3-244	S3-245	All Other disabling impairments
Number of episodes	175	230	225	38	668
Proportion of episodes	26.2%	34.4%	33.7%	5.7%	100.0%
Sector (%)					
<i>Private</i>	32.0	22.2	12.4	5.3	20.5
<i>Public</i>	68.0	77.8	87.6	94.7	79.5
Gender (%)					
<i>Female</i>	52.0	53.0	54.2	44.7	52.7
<i>Male</i>	48.0	47.0	45.8	55.3	47.3
Age (Mean+95%CI)	69.1 (71.8–66.5)	76.4 (78.3–74.6)	77.6 (79.5–75.7)	73.1 (78.9–67.3)	74.7 (75.9–73.5)
Admission FIM (Mean+95%CI)	98.0 (98.3–97.8)	82.9 (83.1–82.7)	66.0 (66.3–65.7)	43.0 (43.7–42.2)	84.0 (85.7–82.3)
LOS (Mean+95%CI)	14.0 (15.7–12.4)	16.6 (17.9–15.3)	23.5 (26.4–20.5)	24.0 (31.6–16.4)	18.4 (19.7–17.2)
Discharge destination (%)					
<i>Discharged to community</i>	92.6	91.7	82.2	73.7	87.7
<i>Remaining in hospital system</i>	7.4	8.3	17.8	26.3	12.3
FIM improvement (Mean+95%CI)	7.9 (9.1–6.7)	17.3 (18.6–15.9)	22.3 (24.7–20.0)	18.6 (25.8–11.3)	16.4 (17.5–15.3)
FIM efficiency (FIM imp./LOS)	0.6	1.0	1.0	0.8	0.9

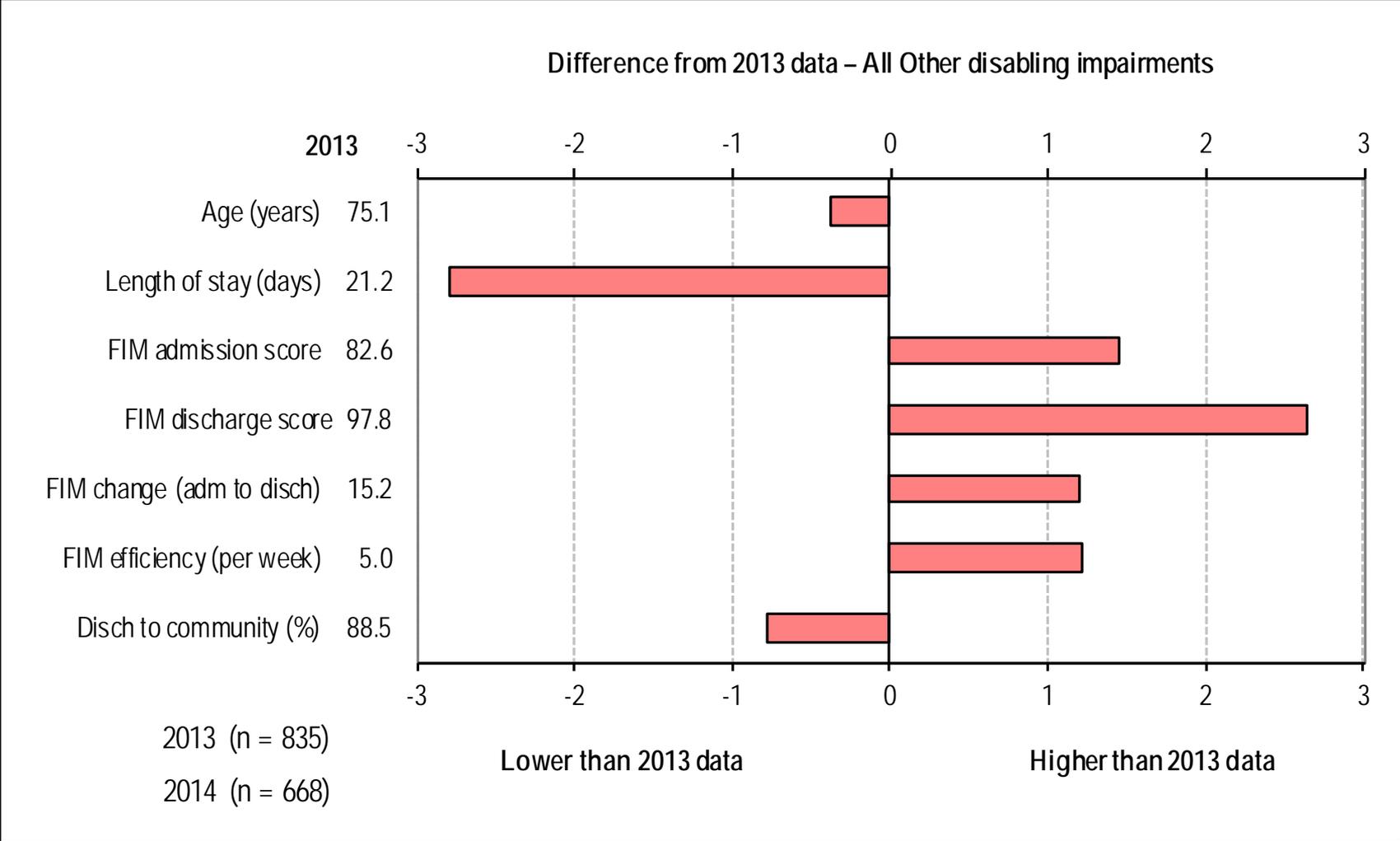
Other disabling impairment discharge destination by AN-SNAP class



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



Change in outcome measures in other disabling impairments – 2013 to 2014



AROC Contact Details

Australasian Rehabilitation Outcomes Centre

Australian Health Services Research Institute

iC Enterprise 1, Innovation Campus

University of Wollongong NSW 2522

Phone: 02-4221-4411

Email: aroc@uow.edu.au

Web: ahsri.uow.edu.au/aroc