

aroc

The AROC Annual Report:
the state of rehabilitation
in Australia in 2010

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

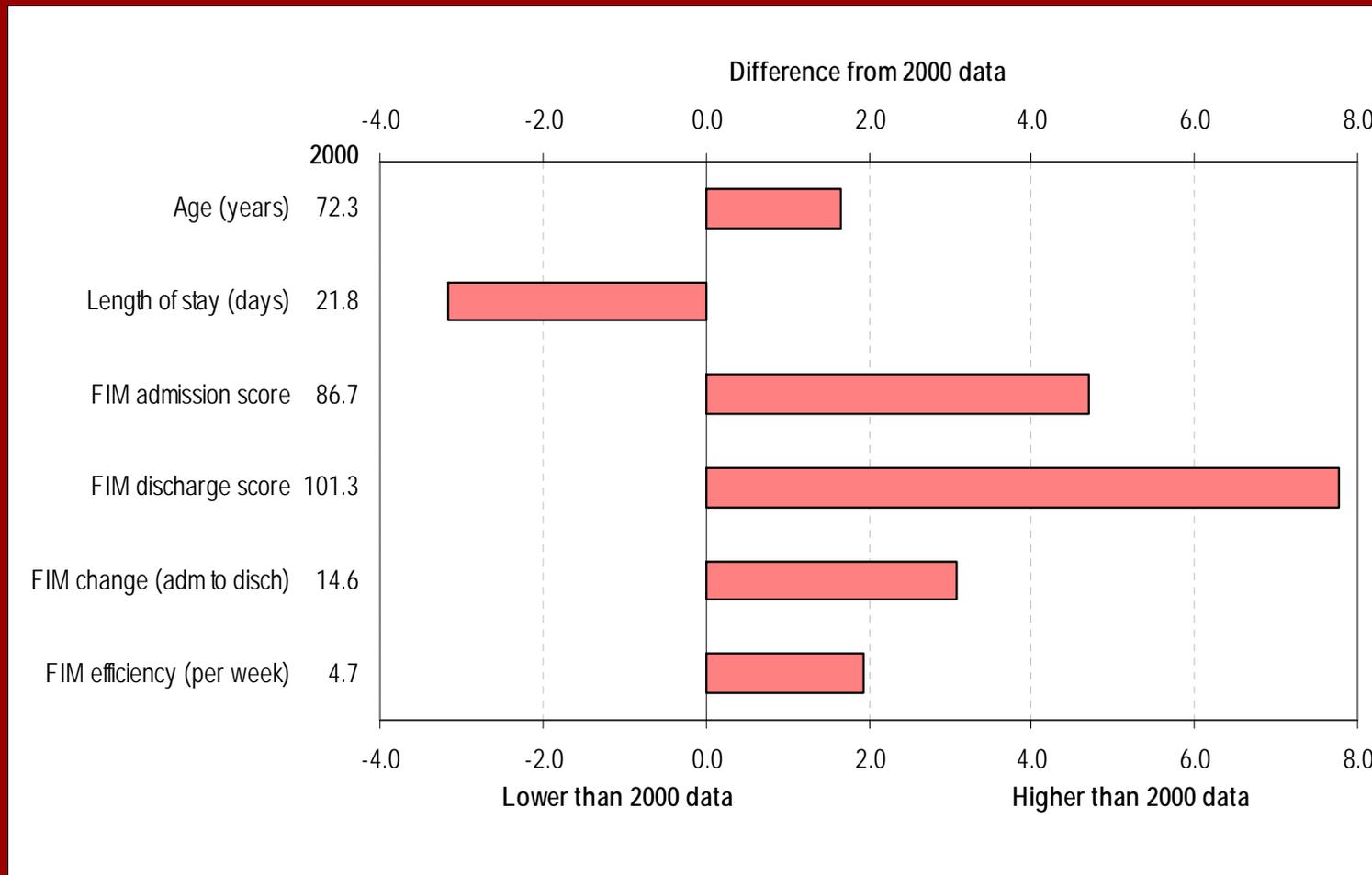
This is the sixth comprehensive annual report describing discharge episodes from subacute inpatient rehabilitation programs provided by facilities that are members of the Australasian Rehabilitation Outcomes Centre (AROC)¹.

The inaugural report was published in April 2007 and described the 2005 data; this sixth instalment describes the 2010 data.

The provision of rehabilitation in Australia continues to grow in volume, with 2010 seeing a 9.5% real increase in inpatient episodes of rehabilitation provided. Once again the majority of that volume growth is coming from the reconditioning impairment group.

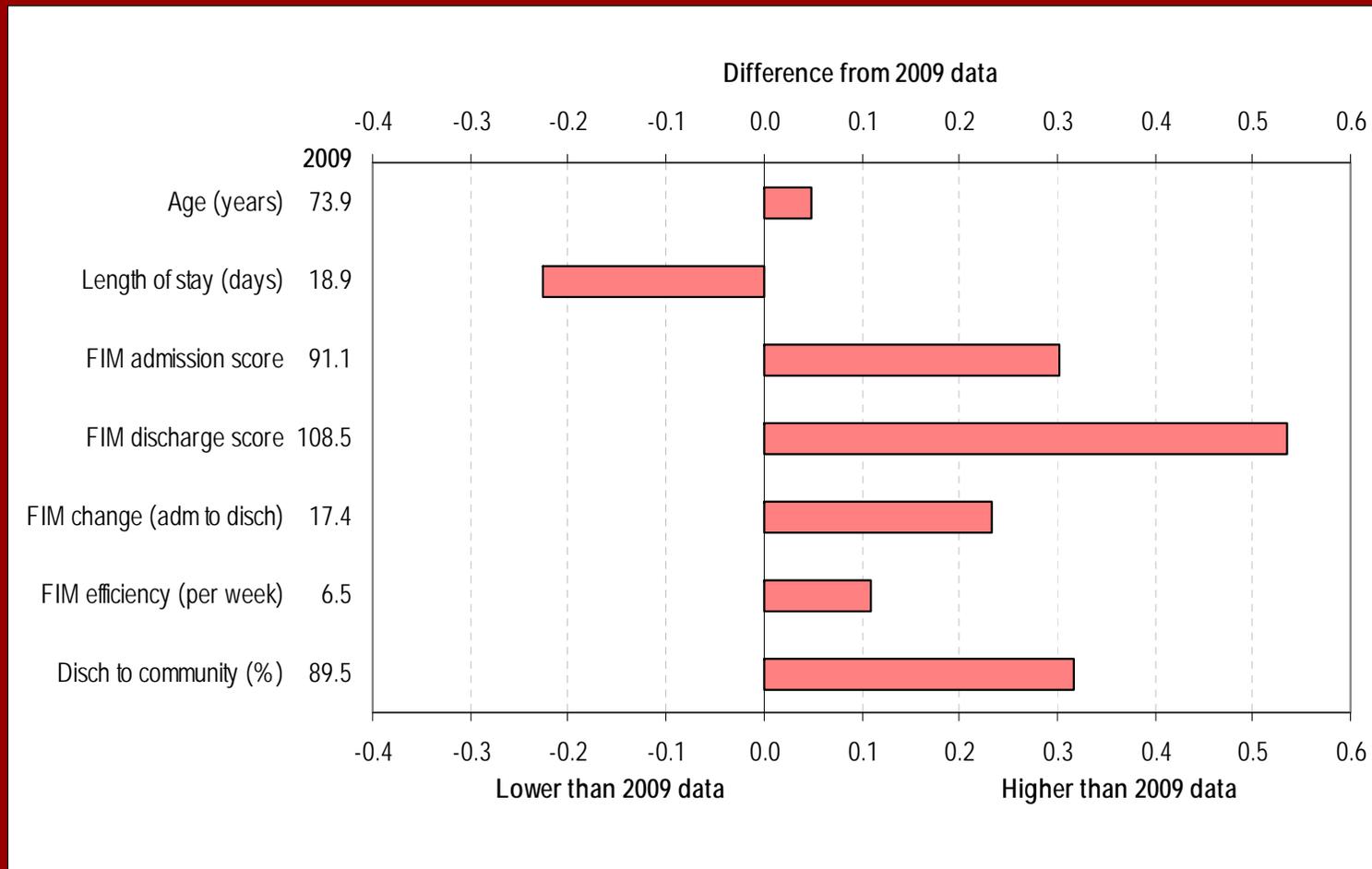
Change in outcome measures, 2000 to 2010

aroc

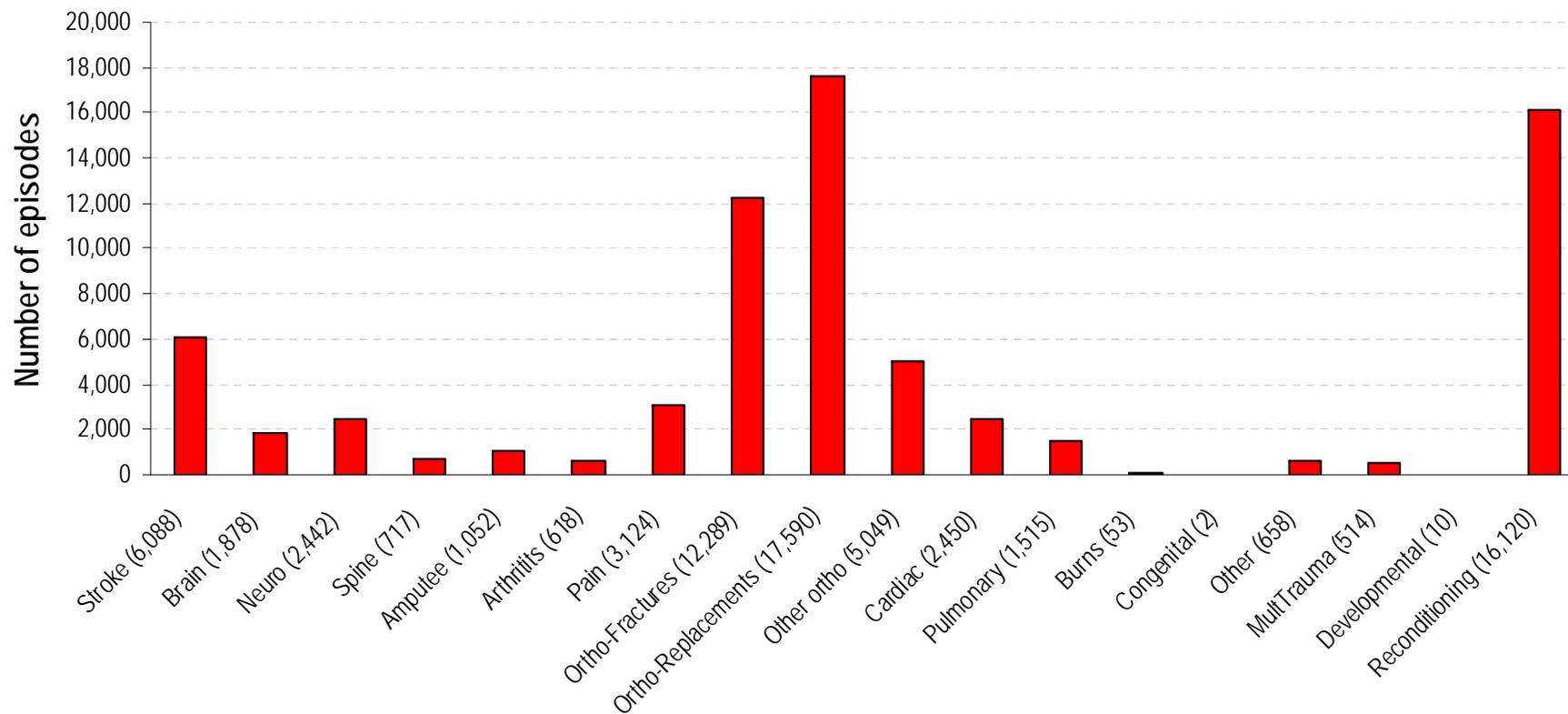


Change in outcome measures, 2009 to 2010

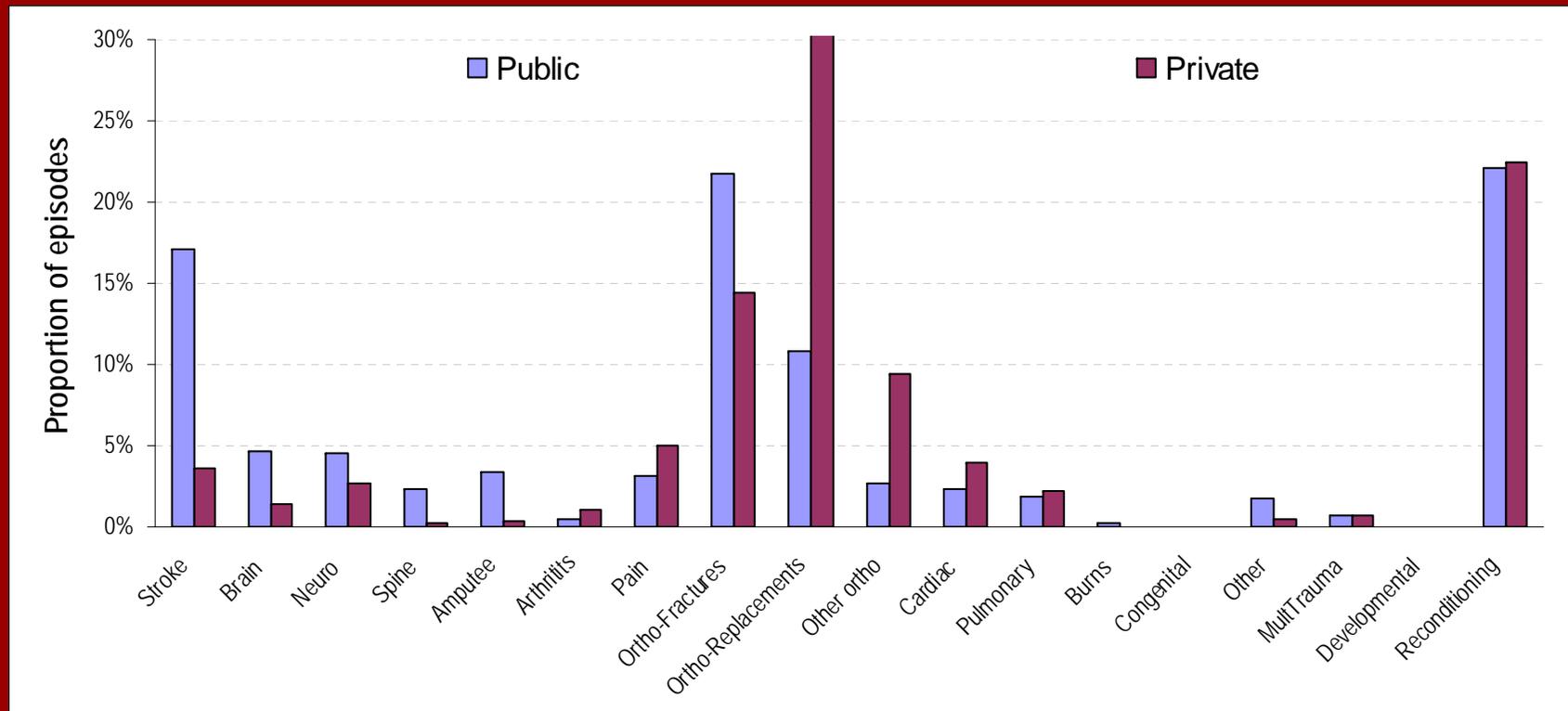
aroc



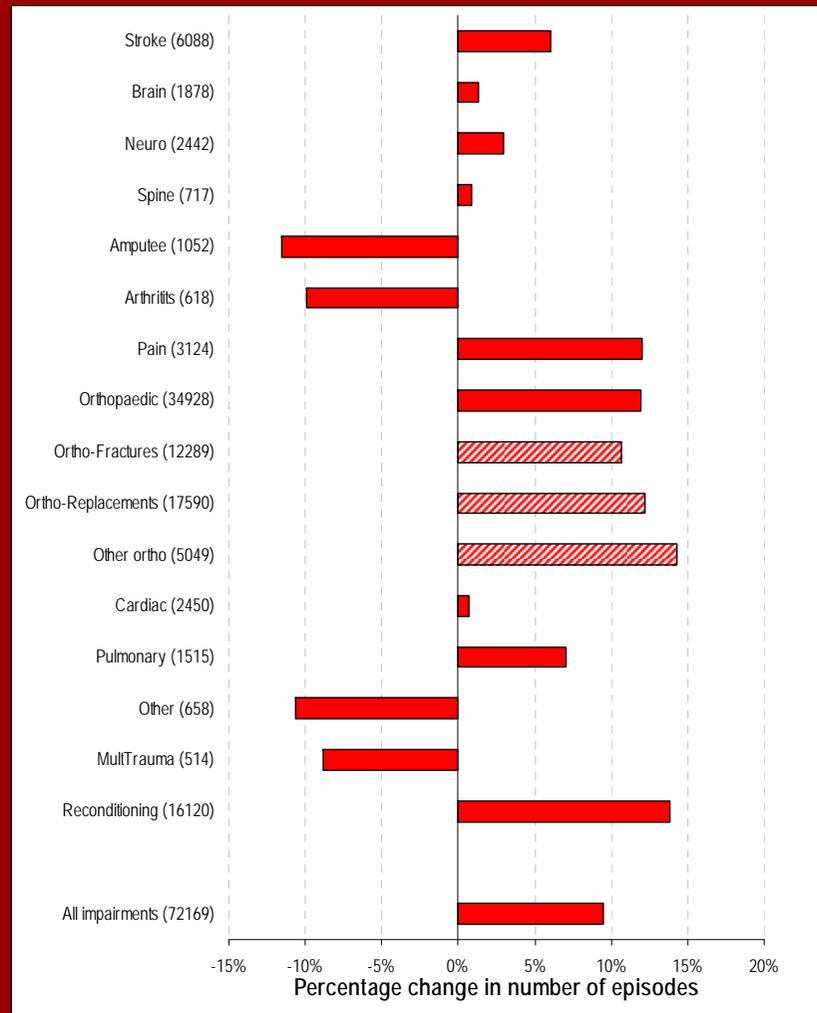
Number of episodes by impairment group, 2010



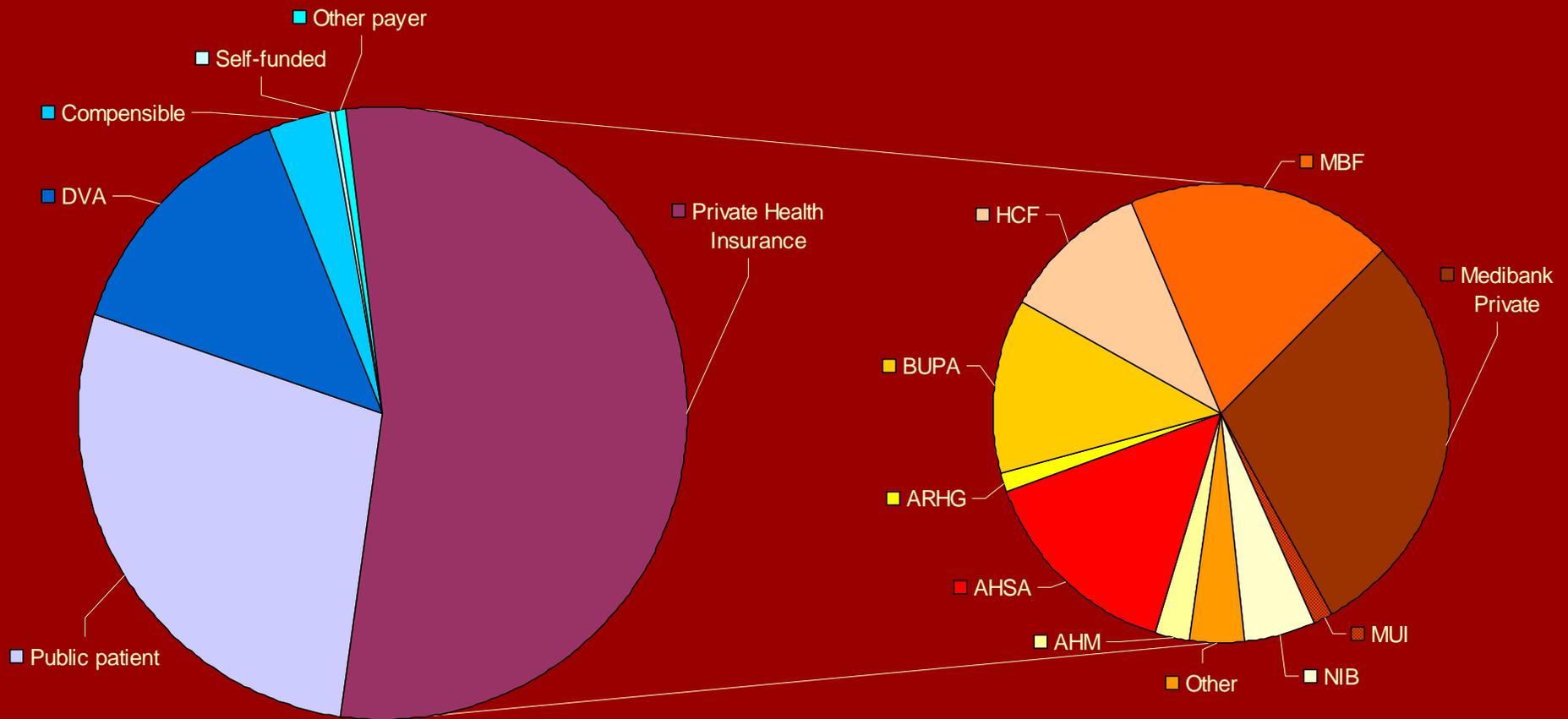
Proportion of episodes by impairment group and sector, 2010



Change in number of episodes by impairment group, 2009 to 2010



Funding source for rehabilitation in Australia, 2010

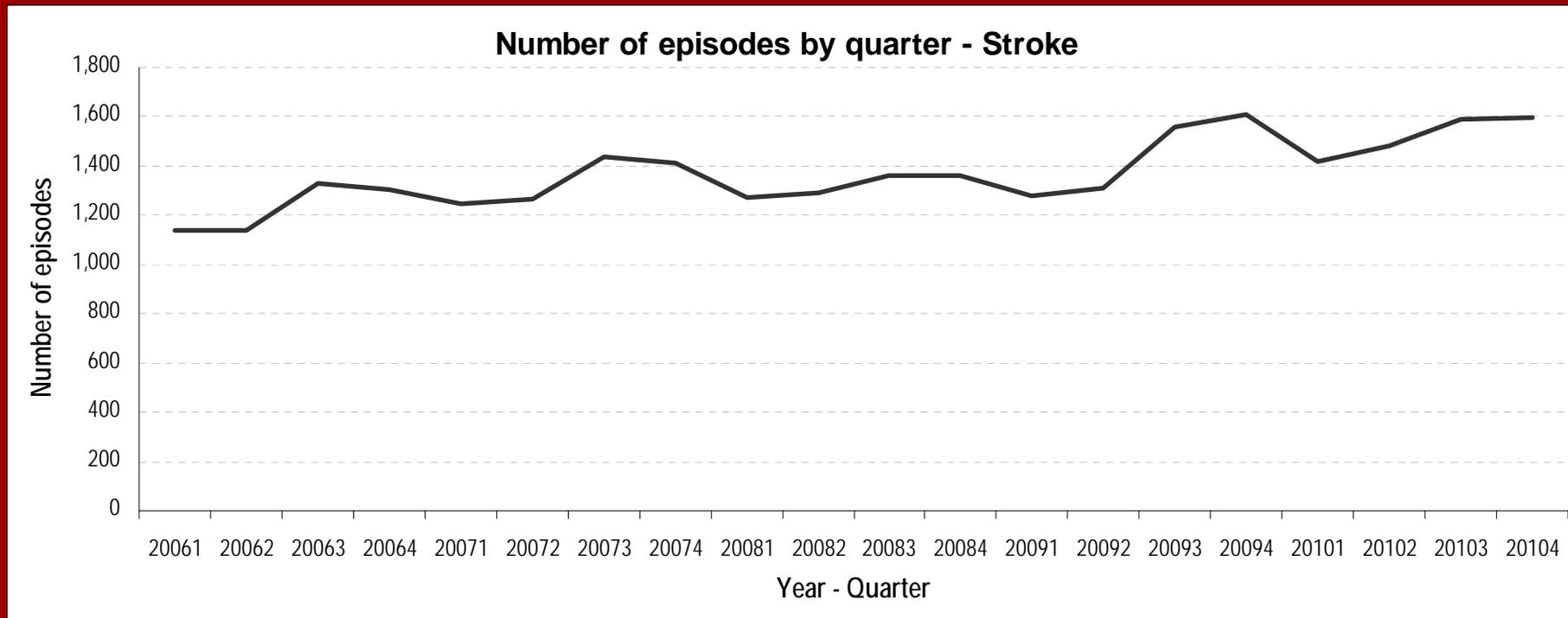


Outcomes by impairment

A series of figures and tables are provided for each impairment category; these outline the key descriptive data for 2010, changes in episode volumes between 2005 and 2010, and changes in rehabilitation outcome measures between 2009 and 2010:

- 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 2010 data for the respective impairment category by version 2 of the AN-SNAP class.
- The third figure provides a summary of the discharge destination of all episodes by ANSNAP class.
- The fourth figure provides a graphical representation of 2010 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 2009 and 2010. The horizontal axis describes the difference between the 2009 and 2010 averages, while the actual 2009 data are presented on the left side of the graph.

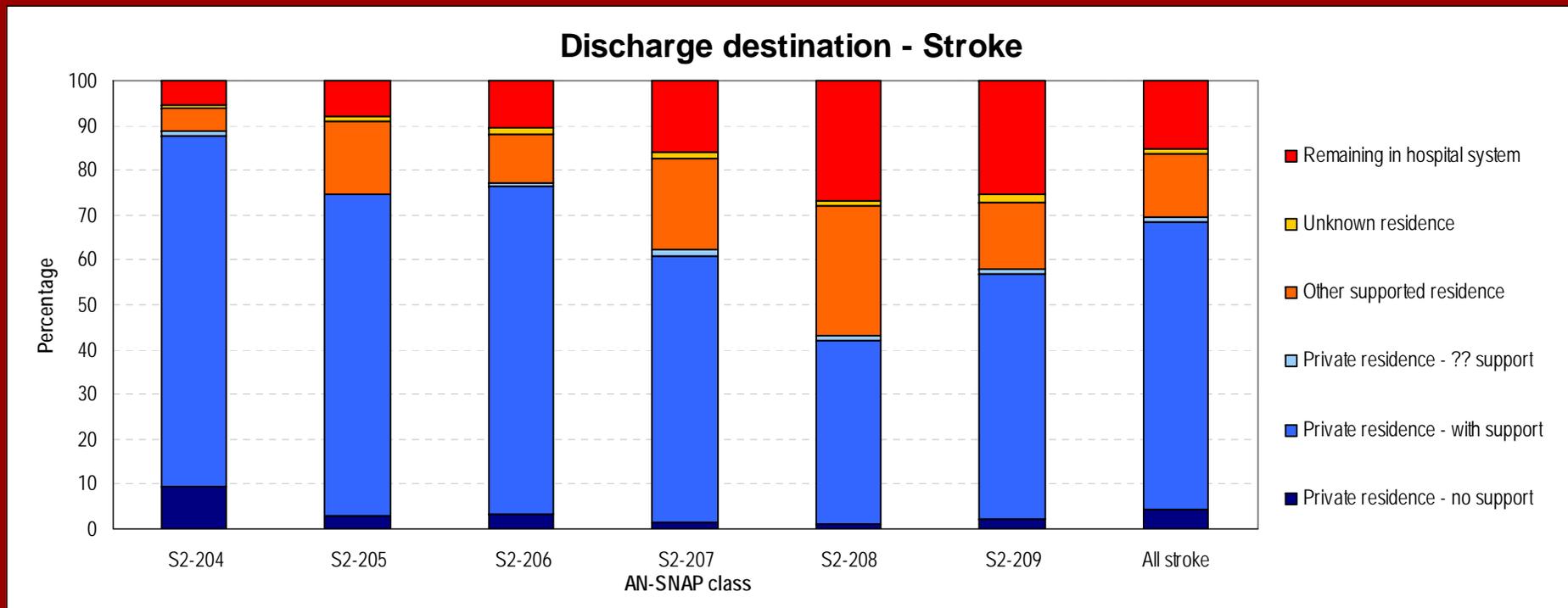
Change in stroke episodes over time



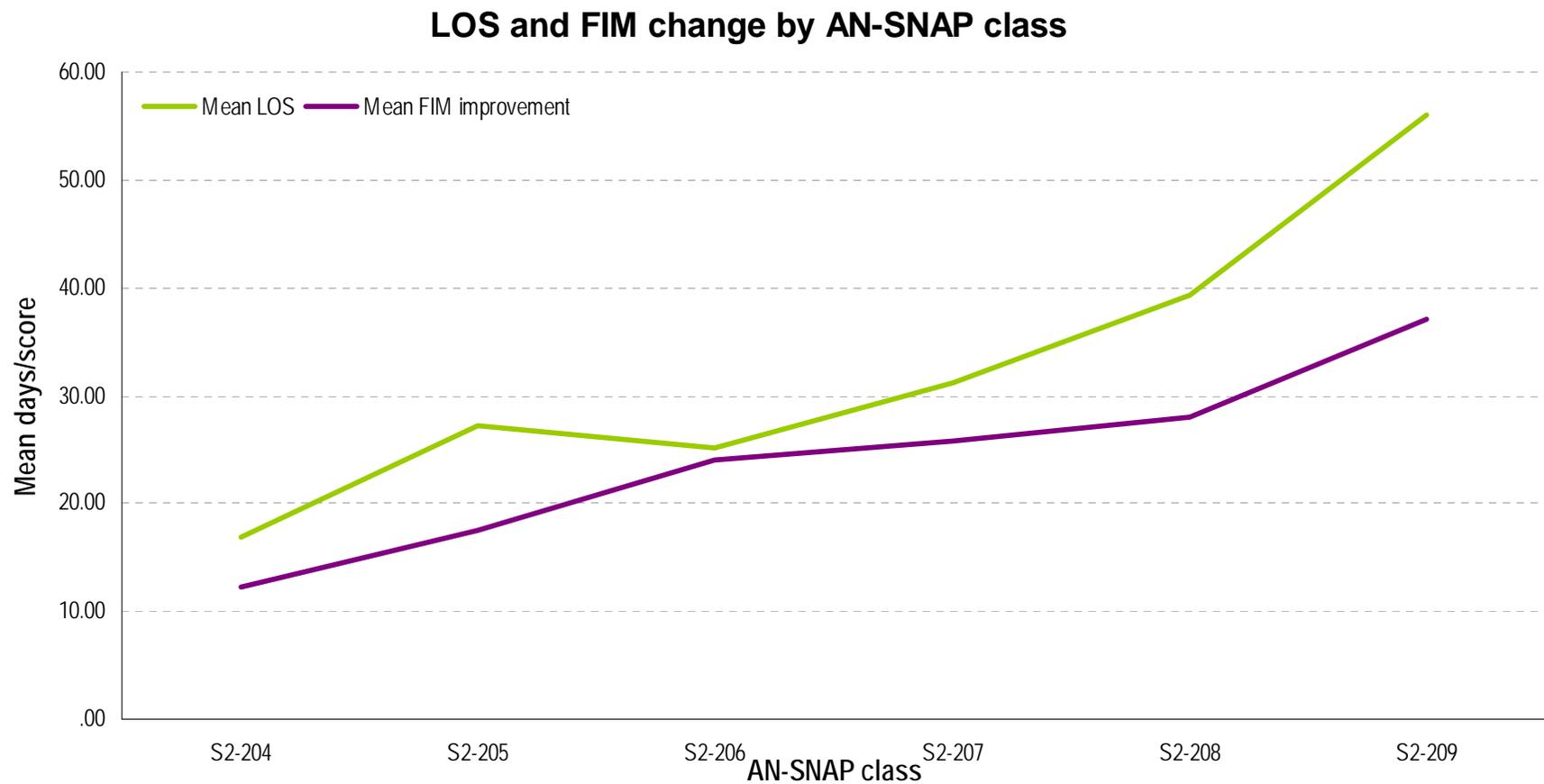
Stroke episodes in 2010

AN-SNAP class:	S2-204	S2-205	S2-206	S2-207	S2-208	S2-209	All stroke
Number of episodes	1,869	217	1,459	138	1,306	1,099	6,088
Proportion of episodes	30.7%	3.6%	24.0%	2.3%	21.5%	18.1%	100.0%
Sector (%)							
<i>Private</i>	34.0	22.6	35.0	18.8	25.4	13.2	27.9
<i>Public</i>	66.0	77.4	65.0	81.2	74.6	86.8	72.1
Gender (%)							
<i>Female</i>	43.4	37.3	48.4	38.4	56.5	37.9	46.1
<i>Male</i>	56.6	62.7	51.6	61.6	43.5	62.1	53.9
Age (Mean+95%CI)	70.4 (69.7–71.0)	70.8 (68.9–72.6)	75.1 (74.4–75.7)	74.9 (72.8–76.9)	83.0 (82.7–83.3)	61.1 (60.5–61.7)	72.6 (72.3–73.0)
Admission FIM (Mean+95%CI)	104.3 (103.9–104.8)	87.1 (85.8–88.3)	82.6 (82.2–83.0)	66.0 (64.9–67.0)	53.0 (52.1–53.9)	52.9 (51.9–53.9)	79.4 (78.7–80.0)
LOS (Mean+95%CI)	16.9 (16.3–17.5)	27.3 (24.1–30.5)	25.1 (24.3–25.8)	31.2 (24.2–38.2)	39.4 (37.8–40.9)	56.0 (53.6–58.5)	30.3 (29.6–31.0)
Discharge destination (%)							
<i>Discharged to community</i>	94.6	92.2	89.7	84.1	73.4	74.7	85.0
<i>Remaining in hospital system</i>	5.4	7.8	10.3	15.9	26.6	25.3	15.0
FIM improvement (Mean+95%CI)	12.3 (11.9–12.7)	17.4 (15.7–19.2)	24.0 (23.4–24.6)	25.8 (22.8–28.8)	28.0 (26.8–29.3)	37.1 (35.8–38.5)	22.7 (22.3–23.2)
FIM efficiency (FIM imp./LOS)	0.7	0.6	1.0	0.8	0.7	0.7	0.8

Stroke discharge destination by AN-SNAP class

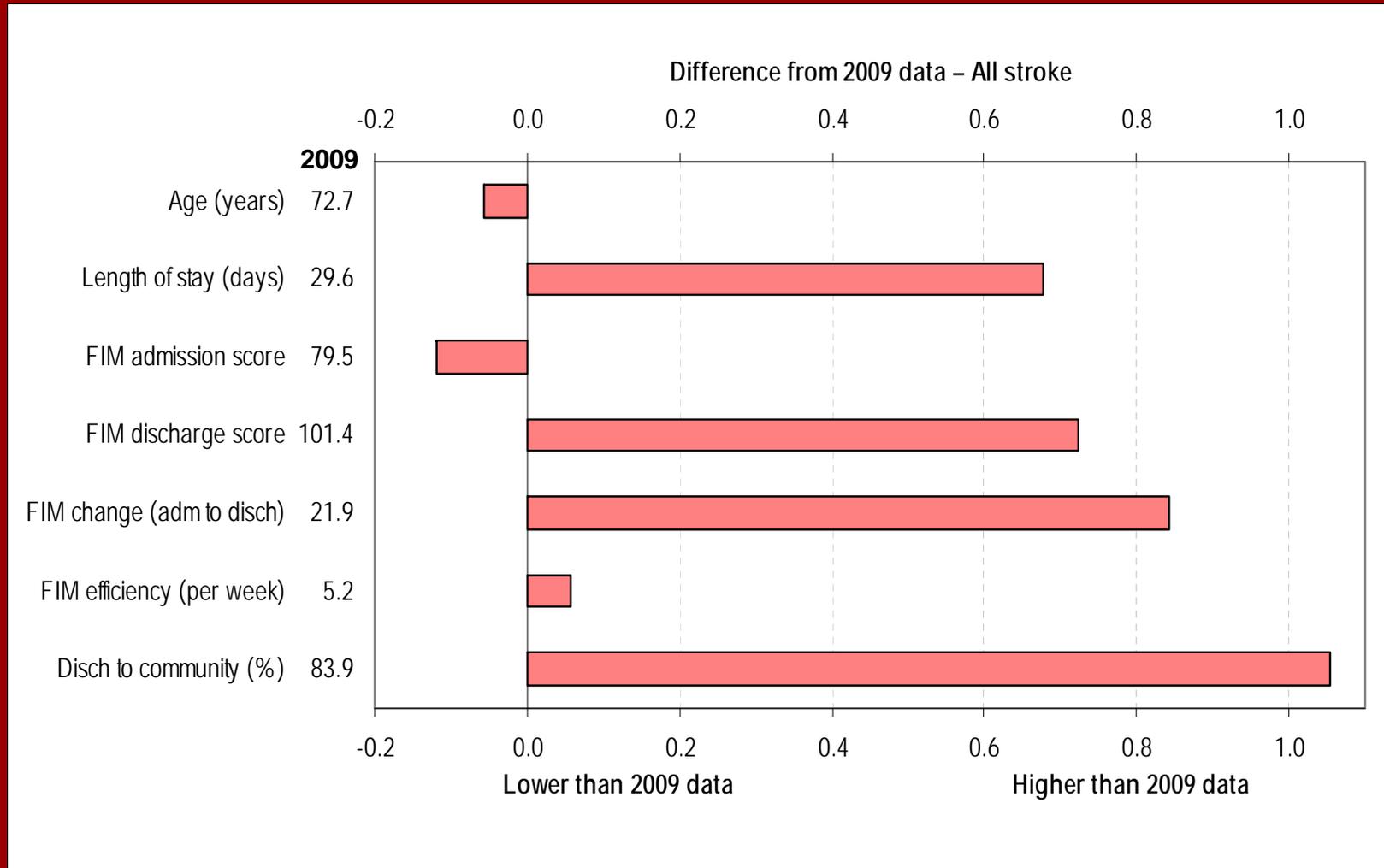


Stroke LOS and FIM change by AN-SNAP class



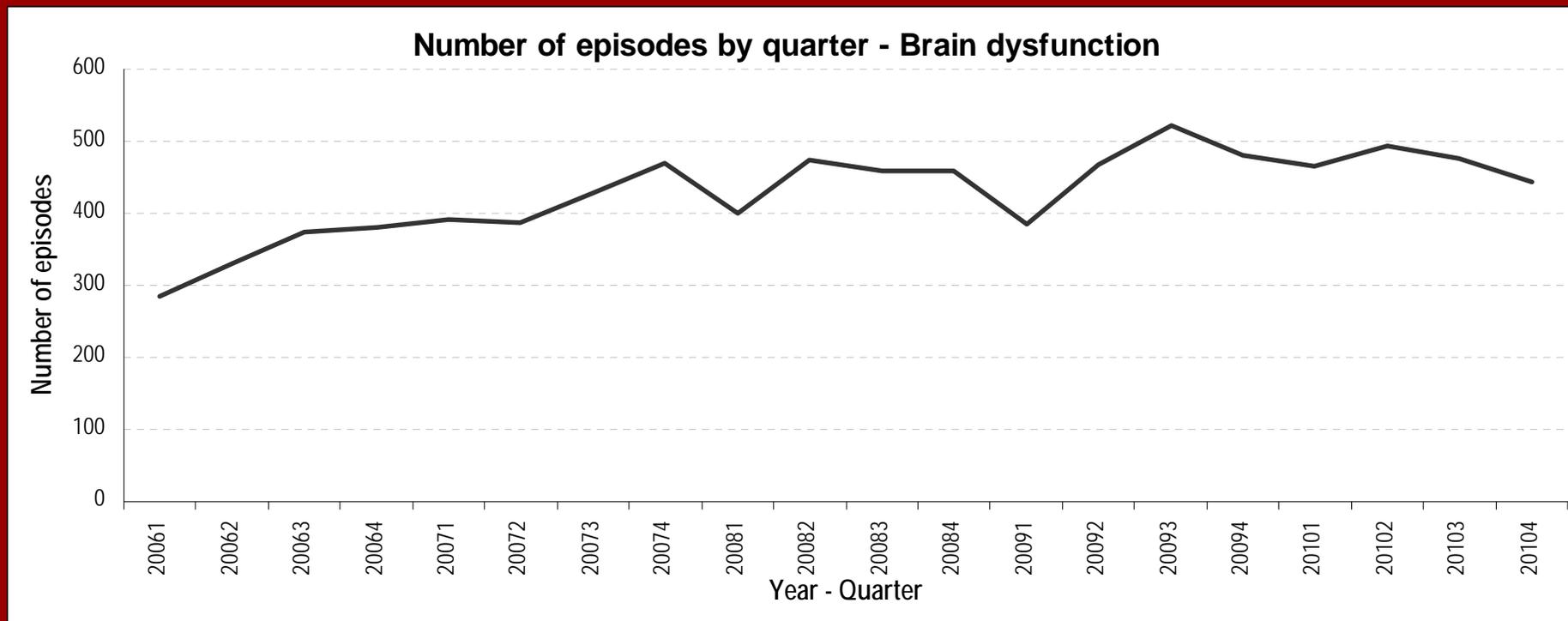
Changes in outcome measures in stroke – 2009 to 2010

aroc



Change in brain dysfunction episodes over time

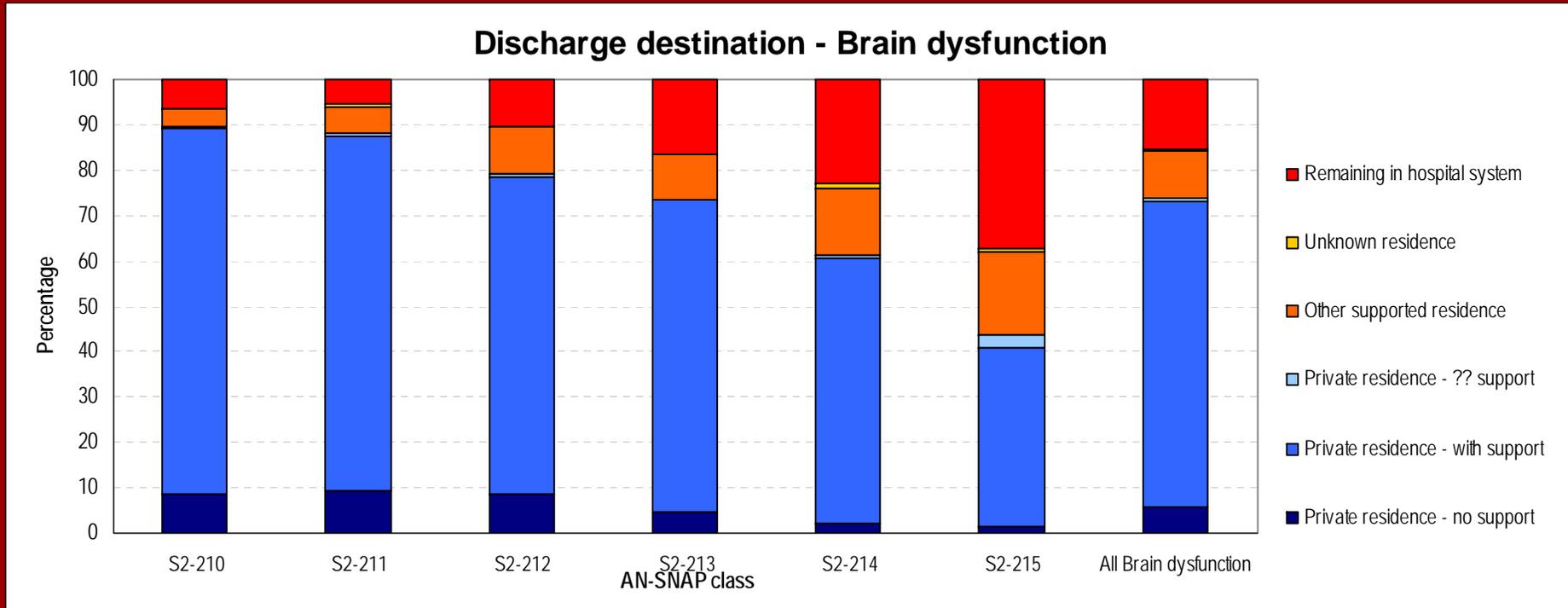
aroc



Brain dysfunction episodes in 2010

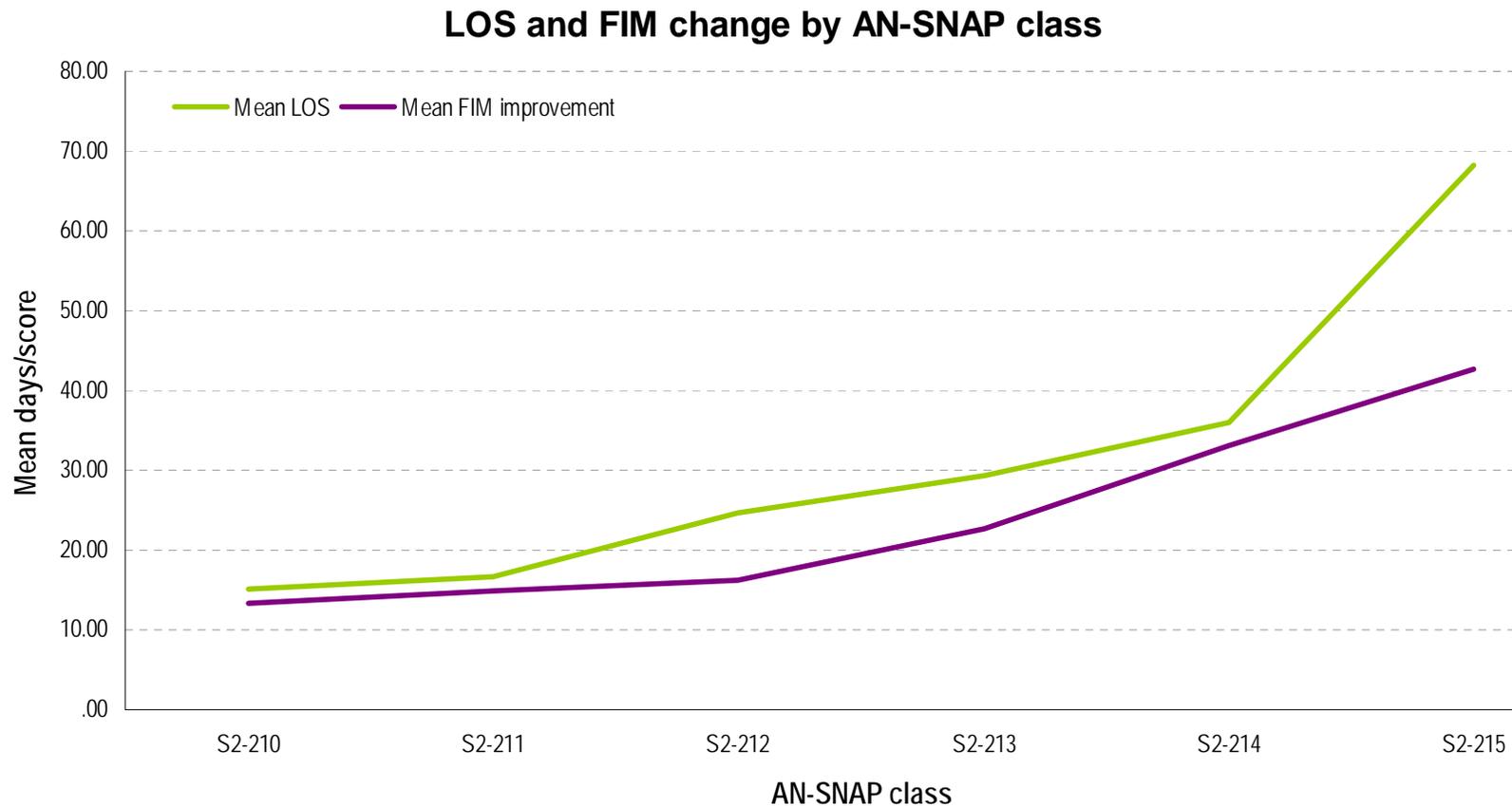
AN-SNAP class:	S2-210	S2-211	S2-212	S2-213	S2-214	S2-215	All Brain dysfunction
Number of episodes	314	427	163	236	596	142	1,878
Proportion of episodes	16.7%	22.7%	8.7%	12.6%	31.7%	7.6%	100.0%
Sector (%)							
<i>Private</i>	61.1	37.2	22.7	17.4	36.7	18.3	35.9
<i>Public</i>	38.9	62.8	77.3	82.6	63.3	81.7	64.1
Gender (%)							
<i>Female</i>	49.4	43.3	38.7	29.2	46.0	49.3	43.5
<i>Male</i>	50.6	56.7	61.3	70.8	54.0	50.7	56.5
Age (Mean+95%CI)	61.7 (59.3–64.0)	59.1 (57.1–61.1)	55.4 (52.2–58.5)	52.9 (50.4–55.4)	64.3 (62.7–66.0)	59.7 (56.5–62.9)	60.1 (59.2–61.1)
Admission FIM (Mean+95%CI)	106.4 (105.3–107.5)	100.6 (99.4–101.7)	95.0 (93.2–96.8)	85.2 (83.6–86.8)	64.3 (63.0–65.6)	32.0 (30.0–33.9)	84.5 (83.3–85.7)
LOS (Mean+95%CI)	15.0 (13.9–16.1)	16.7 (15.7–17.7)	24.6 (21.5–27.6)	29.4 (25.8–32.9)	35.9 (33.2–38.7)	68.3 (57.5–79.1)	27.4 (26.1–28.8)
Discharge destination (%)							
<i>Discharged to community</i>	93.6	94.6	89.6	83.5	77.0	62.7	84.6
<i>Remaining in hospital system</i>	6.4	5.4	10.4	16.5	23.0	37.3	15.4
FIM improvement (Mean+95%CI)	13.3 (12.3–14.2)	15.0 (14.0–16.0)	16.3 (14.6–18.1)	22.7 (20.6–24.9)	33.1 (31.4–34.9)	42.6 (36.5–48.8)	22.7 (21.8–23.6)
FIM efficiency (FIM imp./LOS)	0.9	0.9	0.7	0.8	0.9	0.6	0.8

Brain dysfunction discharge destination by AN-SNAP class



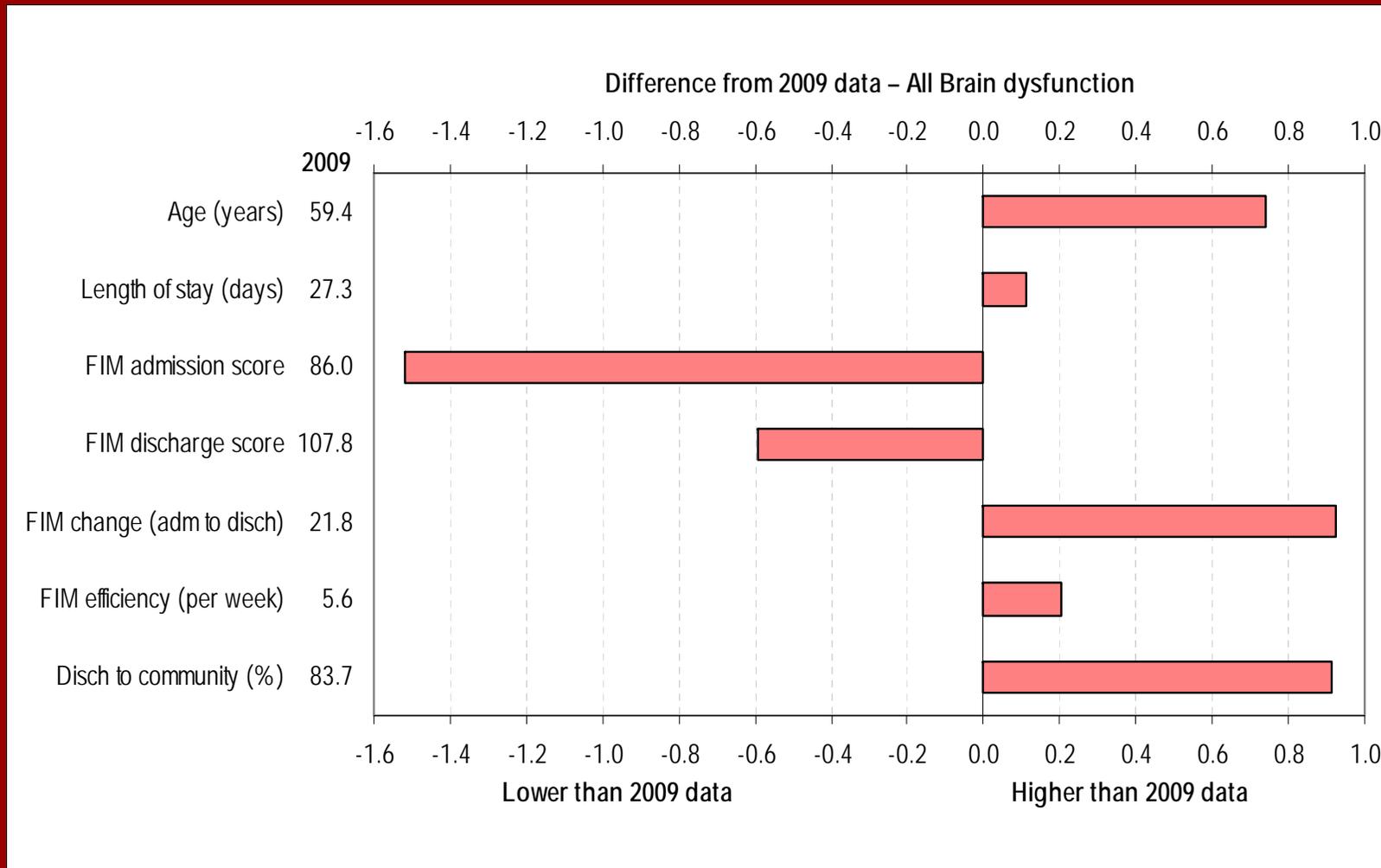
Brain dysfunction LOS and FIM change by AN-SNAP class

aroc

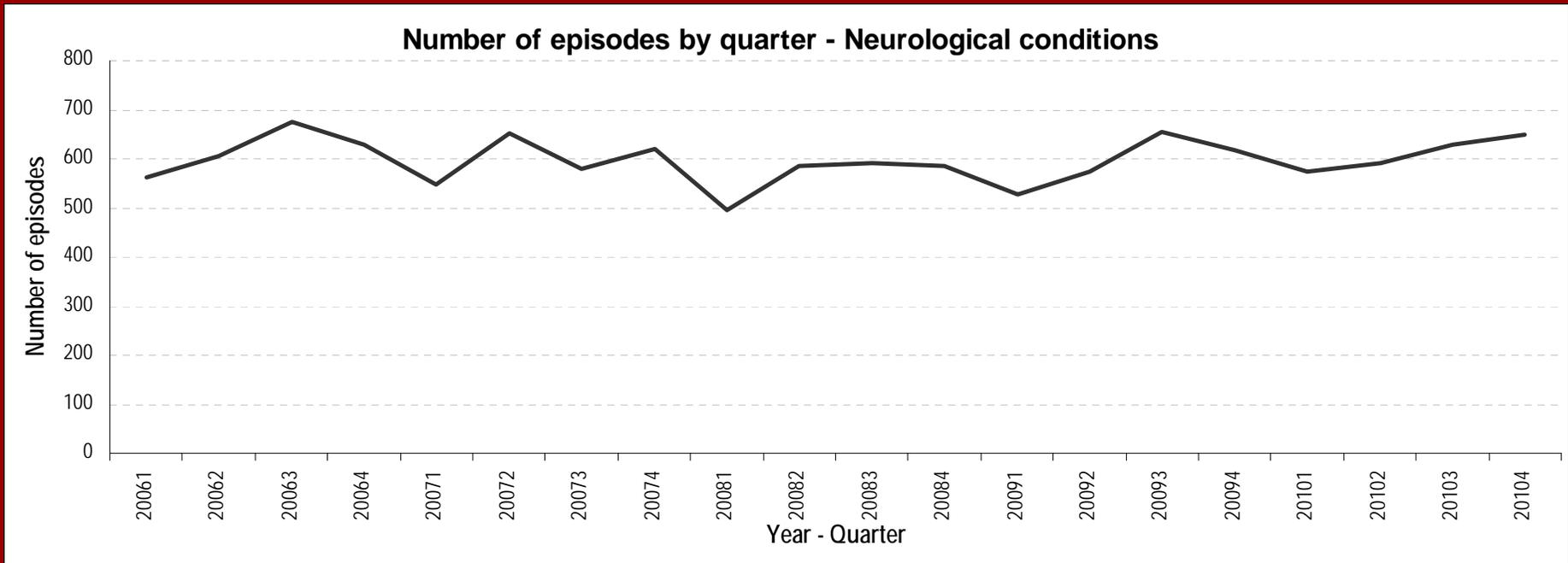


Change in outcome measures in brain dysfunction – 2009 to 2010

aroc



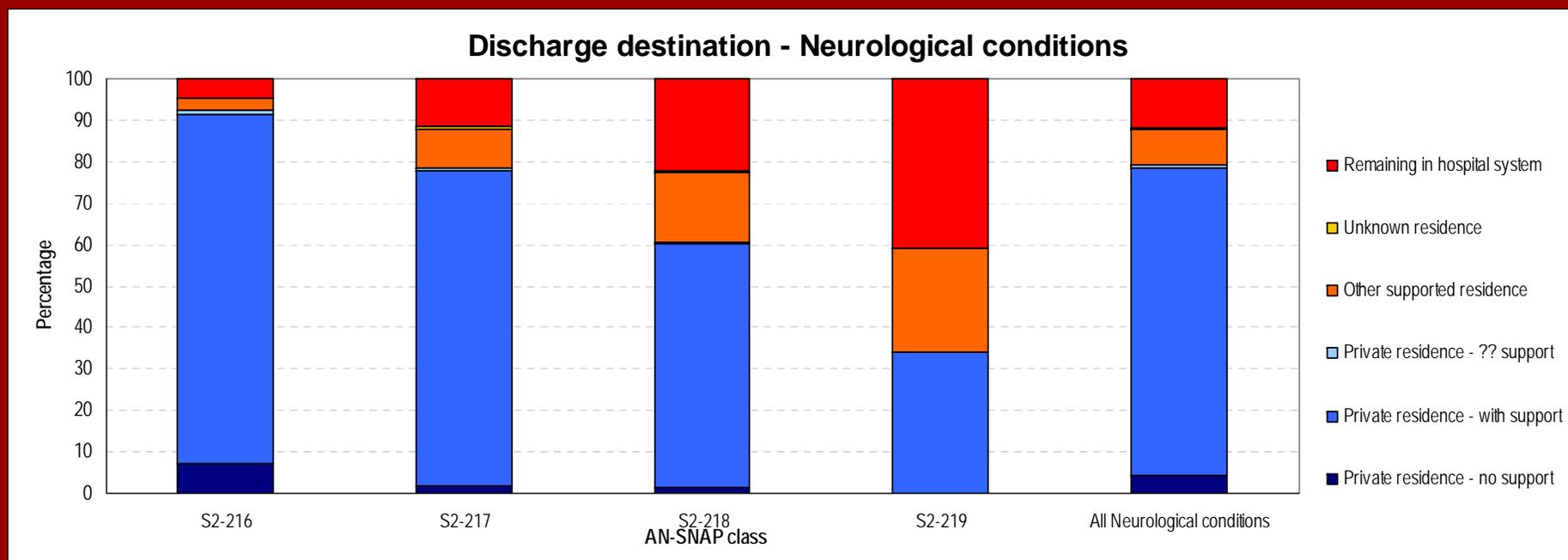
Change in neurological conditions episodes over time



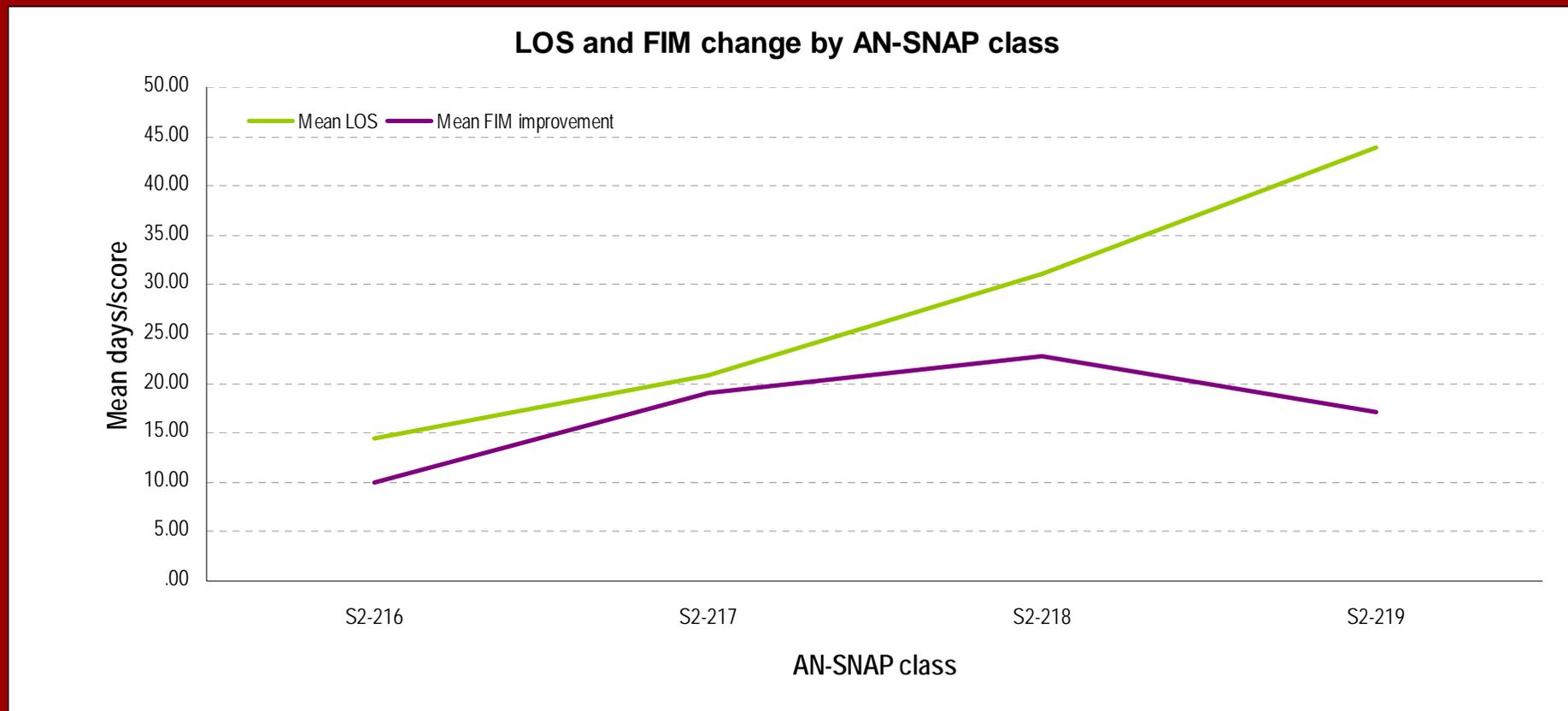
Neurological conditions episodes in 2010

AN-SNAP class:	S2-216	S2-217	S2-218	S2-219	All Neurological conditions
Number of episodes	1,085	662	651	44	2,442
Proportion of episodes	44.4%	27.1%	26.7%	1.8%	100.0%
Sector (%)					
<i>Private</i>	59.8	52.4	39.6	29.5	51.9
<i>Public</i>	40.2	47.6	60.4	70.5	48.1
Gender (%)					
<i>Female</i>	54.4	52.6	52.1	40.9	53.0
<i>Male</i>	45.6	47.4	47.9	59.1	47.0
Age (Mean+95%CI)	64.9 (63.9–65.8)	68.1 (66.9–69.3)	65.4 (64.0–66.7)	64.8 (59.2–70.4)	65.9 (65.2–66.5)
Admission FIM (Mean+95%CI)	105.6 (105.0–106.2)	85.0 (84.4–85.5)	62.6 (61.5–63.7)	39.4 (35.1–43.7)	89.0 (88.2–89.9)
LOS (Mean+95%CI)	14.4 (13.7–15.0)	20.8 (19.6–21.9)	31.1 (28.9–33.2)	43.9 (25.1–62.6)	20.4 (19.6–21.2)
Discharge destination (%)					
<i>Discharged to community</i>	95.5	88.4	77.9	59.1	88.2
<i>Remaining in hospital system</i>	4.5	11.6	22.1	40.9	11.8
FIM improvement (Mean+95%CI)	10.0 (9.5–10.4)	19.1 (18.3–19.9)	22.8 (21.2–24.4)	17.1 (7.0–27.3)	15.6 (15.0–16.1)
FIM efficiency (FIM imp./LOS)	0.7	0.9	0.7	0.4	0.8

Neurological conditions discharge destination by AN-SNAP class

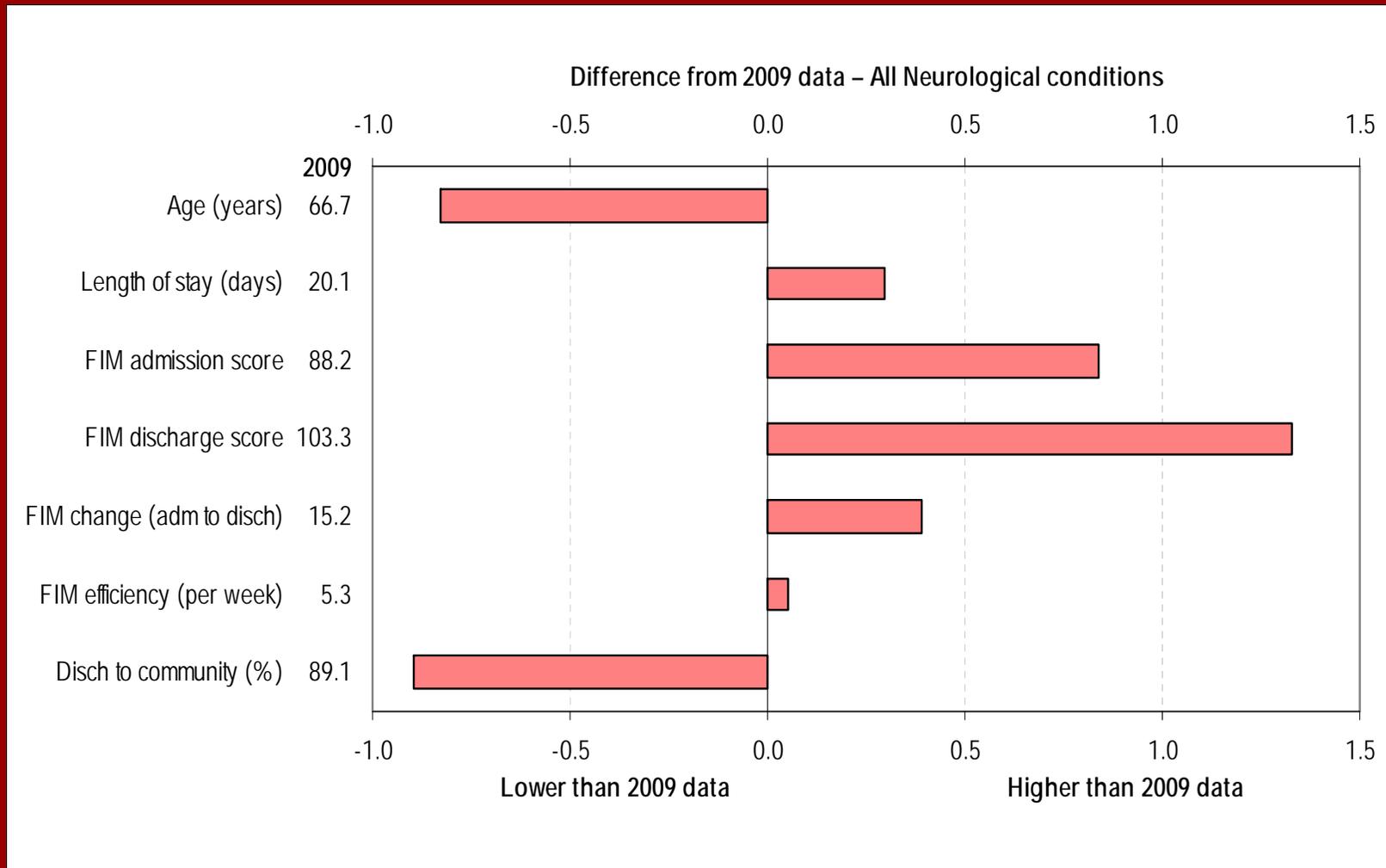


Neurological conditions LOS and FIM change by AN-SNAP class

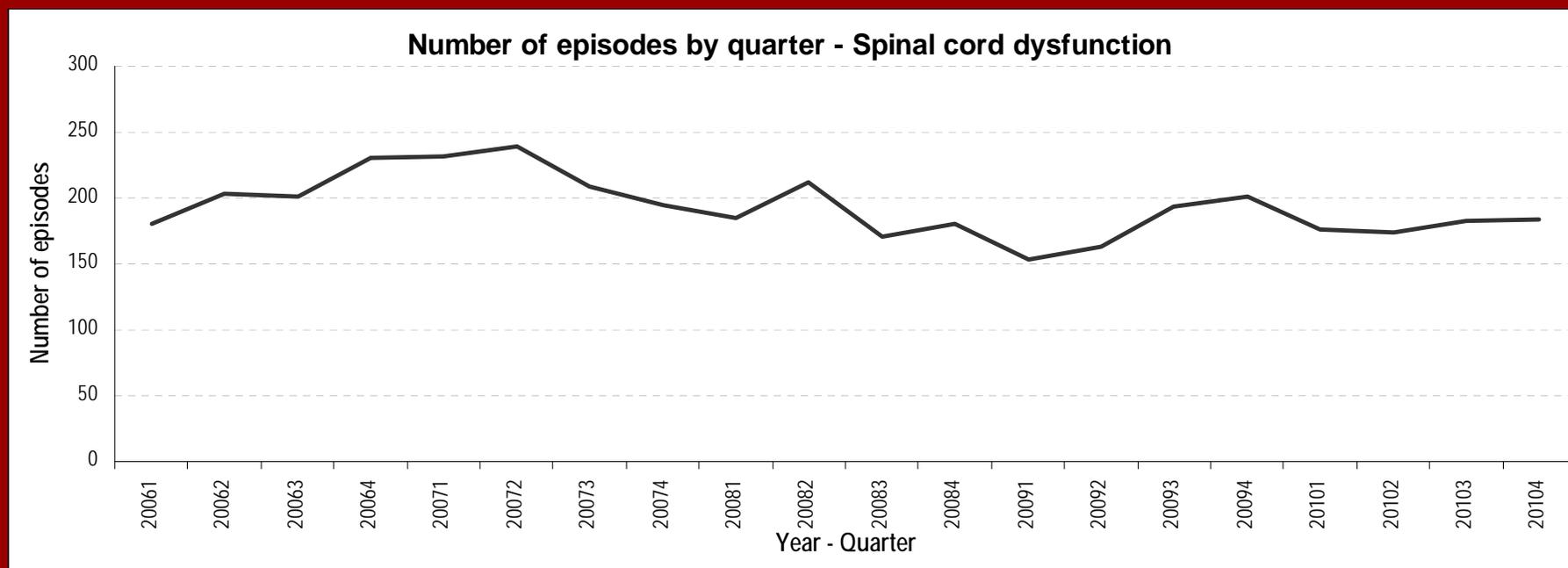


Change in outcome measures in neurological conditions - 2009 to 2010

aroc



Change in spinal cord dysfunction episodes over time

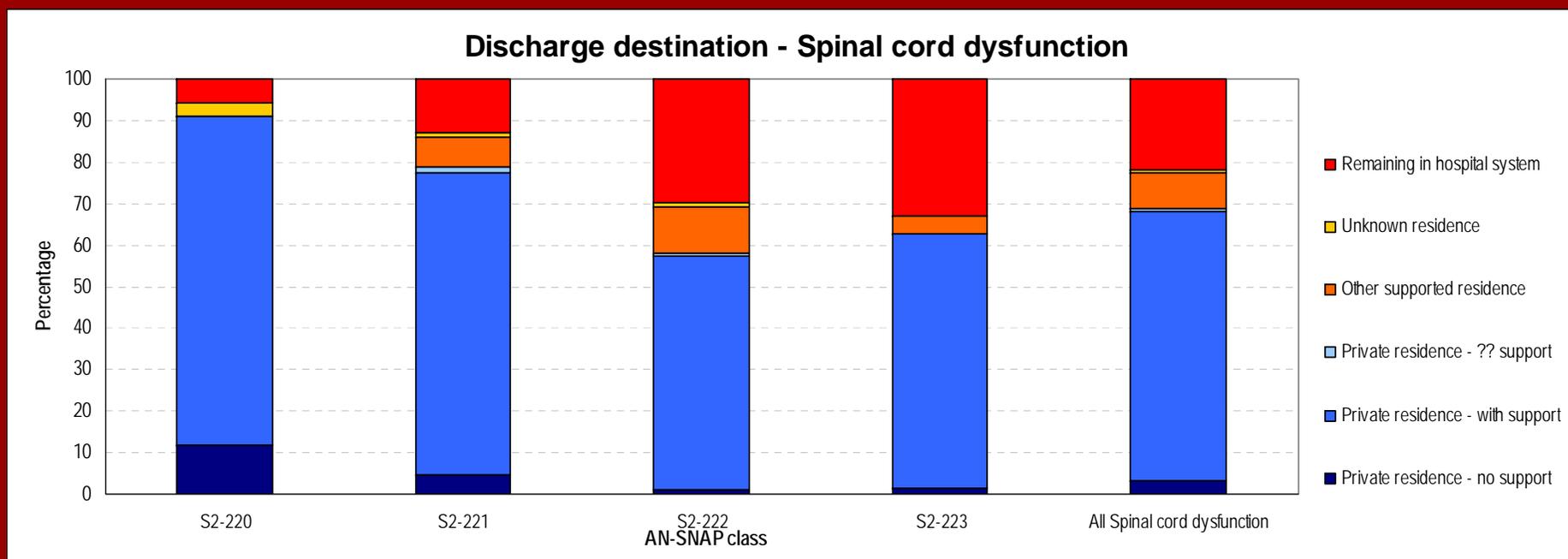


Spinal cord dysfunction episodes in 2010

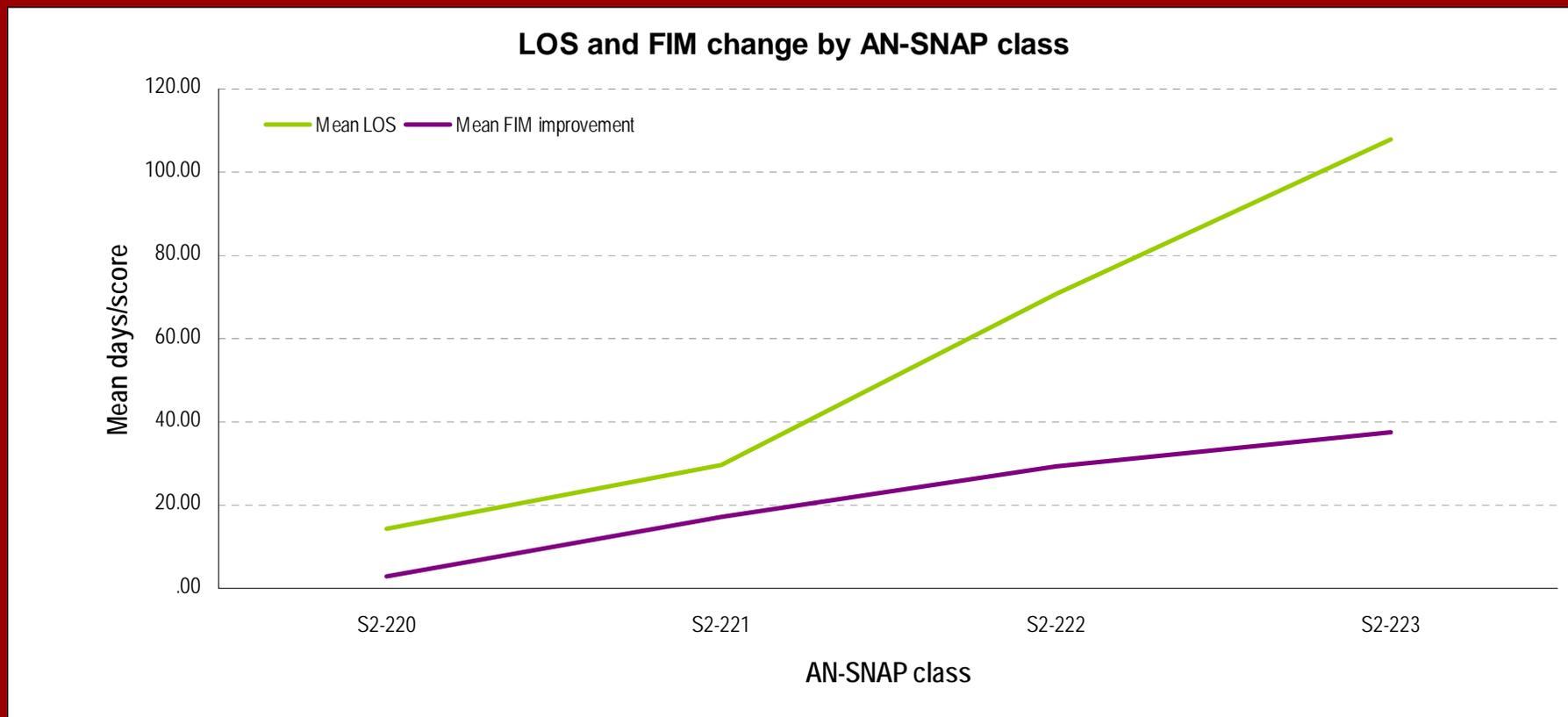


AN-SNAP class:	S2-220	S2-221	S2-222	S2-223	All Spinal cord dysfunction
Number of episodes	34	307	309	67	717
Proportion of episodes	4.7%	42.8%	43.1%	9.3%	100.0%
Sector (%)					
<i>Private</i>	35.3	30.6	9.1	1.5	18.8
<i>Public</i>	64.7	69.4	90.9	98.5	81.2
Gender (%)					
<i>Female</i>	38.2	41.4	35.9	20.9	37.0
<i>Male</i>	61.8	58.6	64.1	79.1	63.0
Age (Mean+95%CI)	56.8 (51.0–62.6)	57.8 (55.6–60.0)	62.5 (60.8–64.1)	22.2 (21.1–23.3)	56.5 (55.0–57.9)
Admission FIM (Mean+95%CI)	118.1 (116.7–119.6)	96.2 (94.8–97.5)	62.4 (60.9–63.9)	60.7 (57.6–63.8)	81.6 (79.7–83.4)
LOS (Mean+95%CI)	14.3 (11.0–17.6)	29.8 (26.7–33.0)	70.7 (63.0–78.5)	17.9 (86.9–128.8)	51.1 (46.7–55.4)
Discharge destination (%)					
<i>Discharged to community</i>	94.1	87.0	70.2	67.2	78.2
<i>Remaining in hospital system</i>	5.9	13.0	29.8	32.8	21.8
FIM improvement (Mean+95%CI)	2.7 (1.6–3.9)	17.2 (16.0–18.5)	29.4 (26.8–32.0)	37.7 (31.3–44.0)	22.7 (21.3–24.2)
FIM efficiency (FIM imp./LOS)	0.2	0.6	0.4	0.3	0.4

Spinal cord dysfunction discharge destination by AN-SNAP class

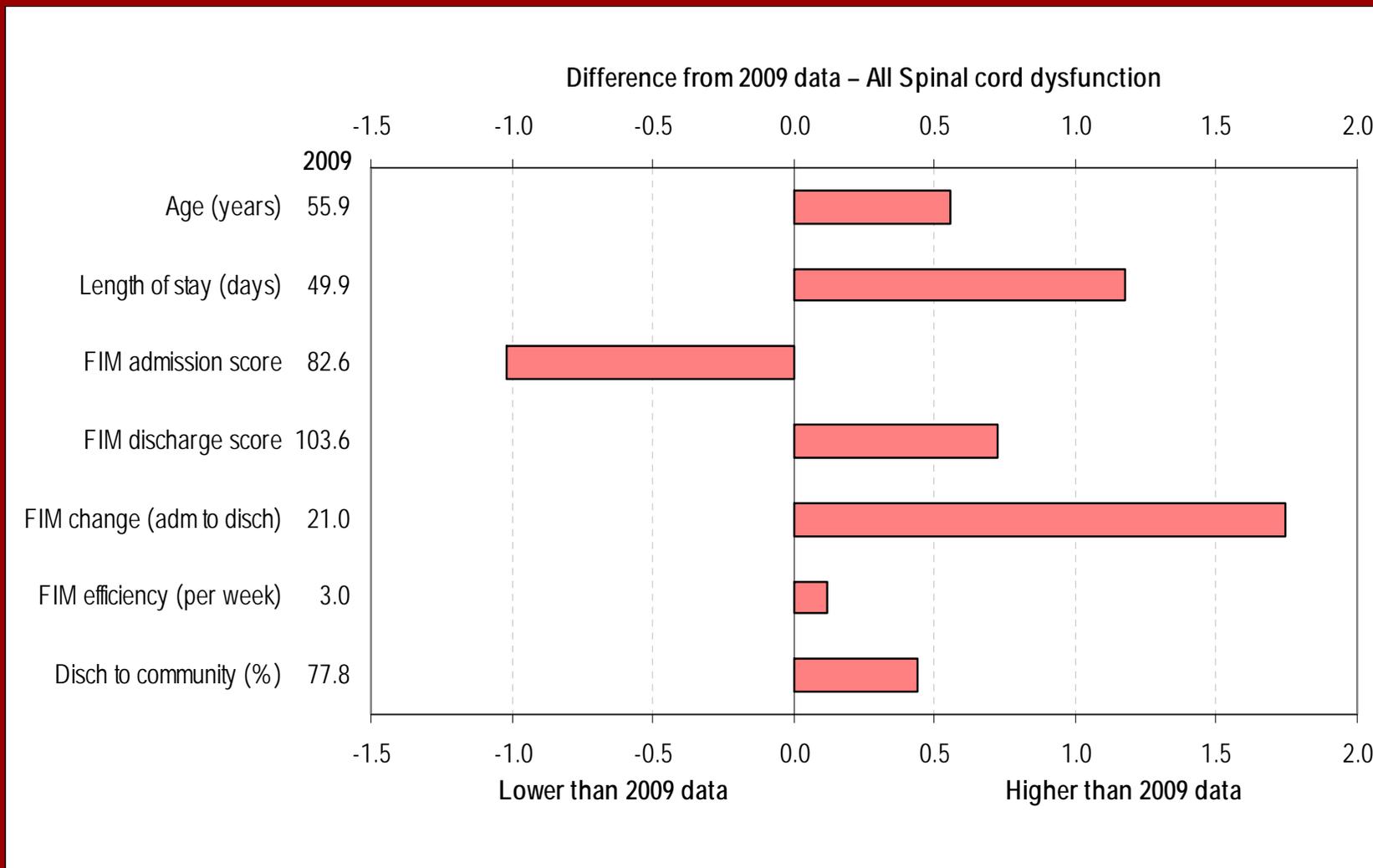


Spinal cord dysfunction LOS and FIM change by AN-SNAP class

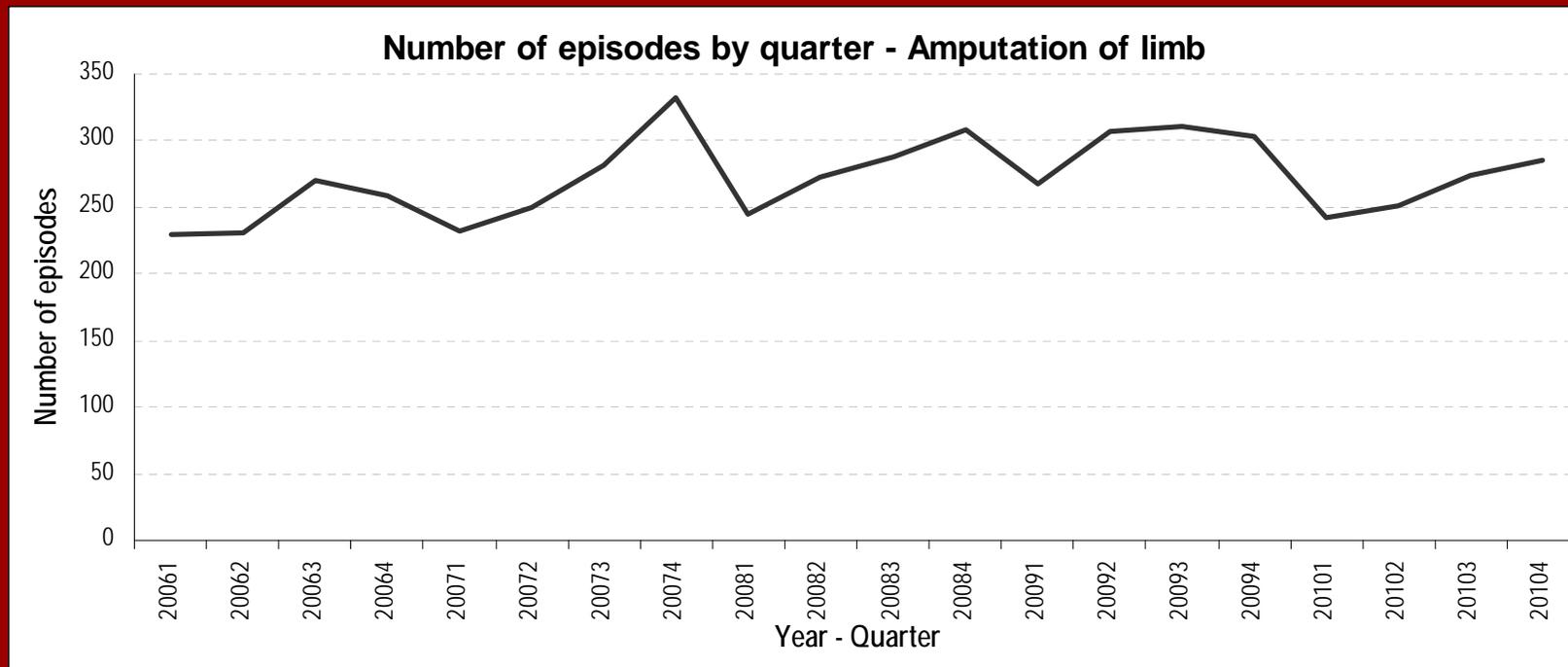


Change in outcome measures in spinal cord dysfunction - 2009 to 2010

aroc



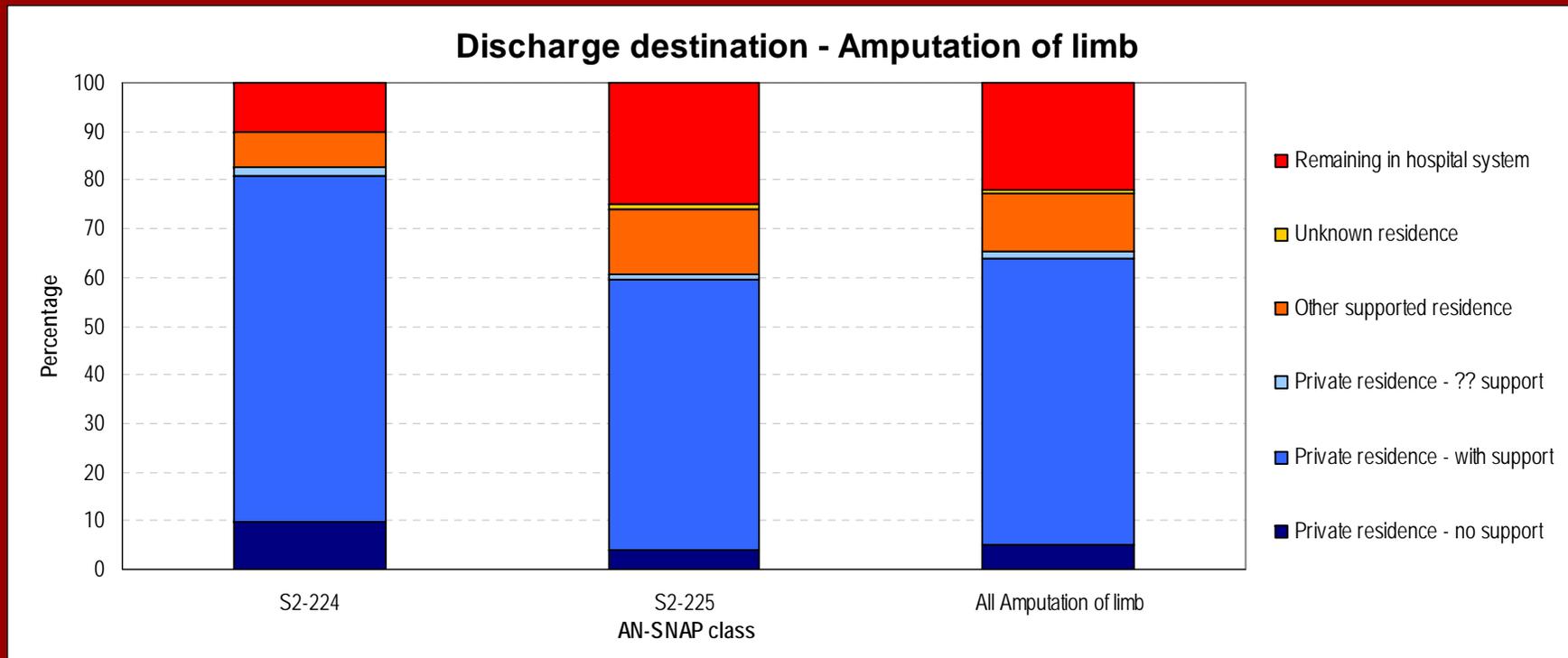
Change in amputation episodes over time



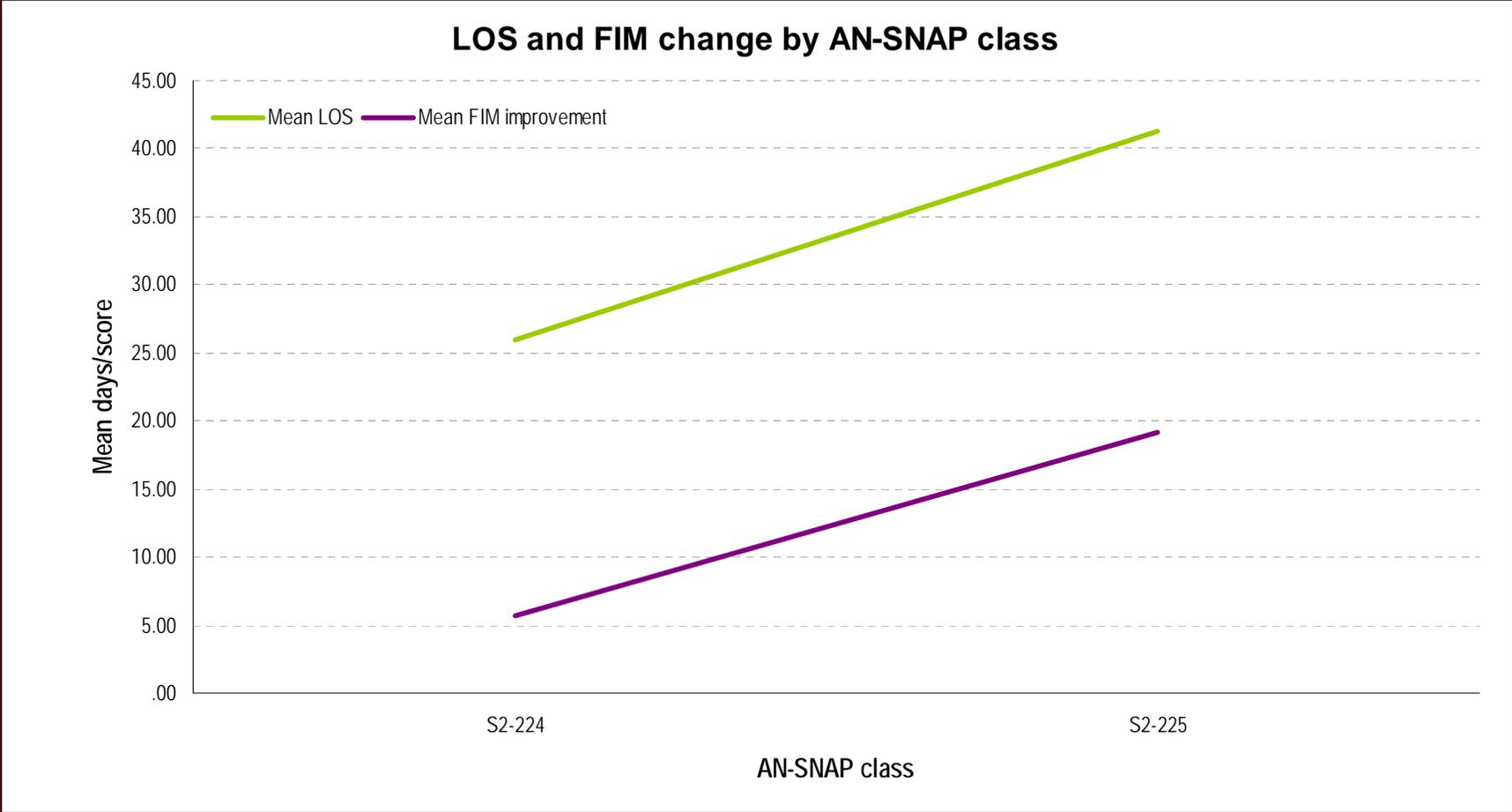
Amputation episodes in 2010

AN-SNAP class:	S2-224	S2-225	All Amputation of limb
Number of episodes	224	828	1,052
Proportion of episodes	21.3%	78.7%	100.0%
Sector (%)			
<i>Private</i>	10.3	18.2	16.5
<i>Public</i>	89.7	81.8	83.5
Gender (%)			
<i>Female</i>	21.9	30.3	28.5
<i>Male</i>	78.1	69.7	71.5
Age (Mean+95%CI)	58.6 (56.4–60.8)	70.2 (69.3–71.2)	67.8 (66.8–68.7)
Admission FIM (Mean+95%CI)	110.6 (109.8–111.4)	83.1 (81.8–84.4)	89.7 (88.4–91.0)
LOS (Mean+95%CI)	26.0 (22.5–29.5)	41.3 (39.0–43.5)	37.6 (35.7–39.6)
Discharge destination (%)			
<i>Discharged to community</i>	89.7	75.0	78.1
<i>Remaining in hospital system</i>	10.3	25.0	21.9
FIM improvement (Mean+95%CI)	5.6 (4.9–6.4)	19.1 (18.2–20.1)	15.9 (15.1–16.8)
FIM efficiency (FIM imp./LOS)	0.2	0.5	0.4

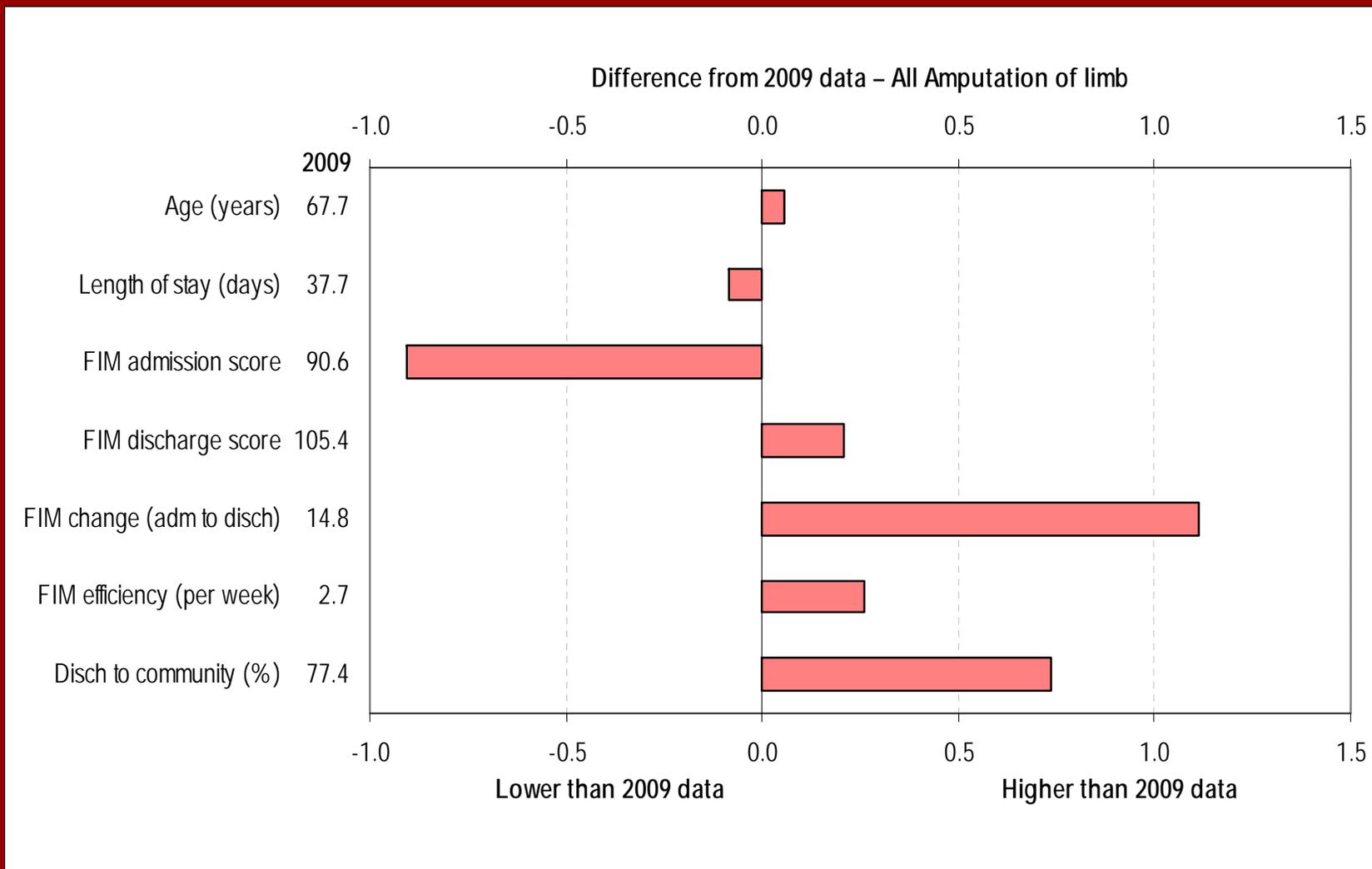
Amputation discharge destination by AN-SNAP class



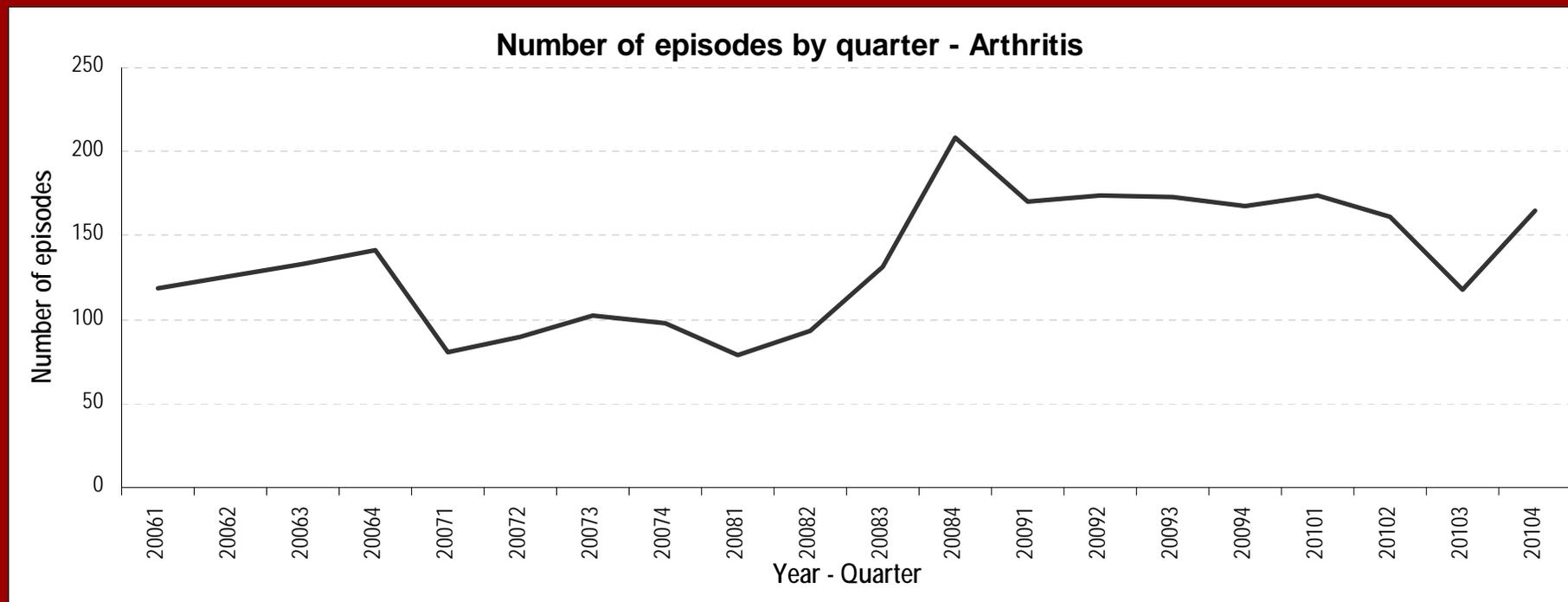
Amputation LOS and FIM change by AN-SNAP class



Change in outcome measures in amputation – 2009 to 2010



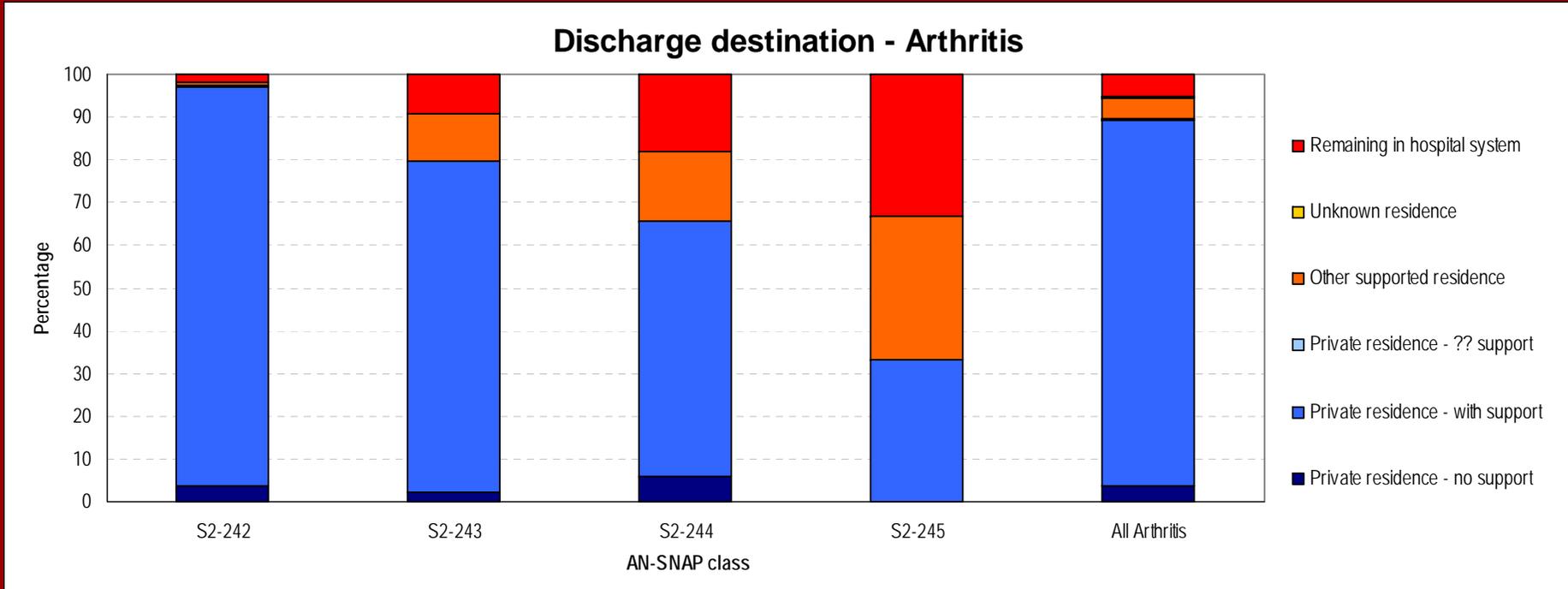
Change in arthritis episodes over time



Arthritis episodes in 2010

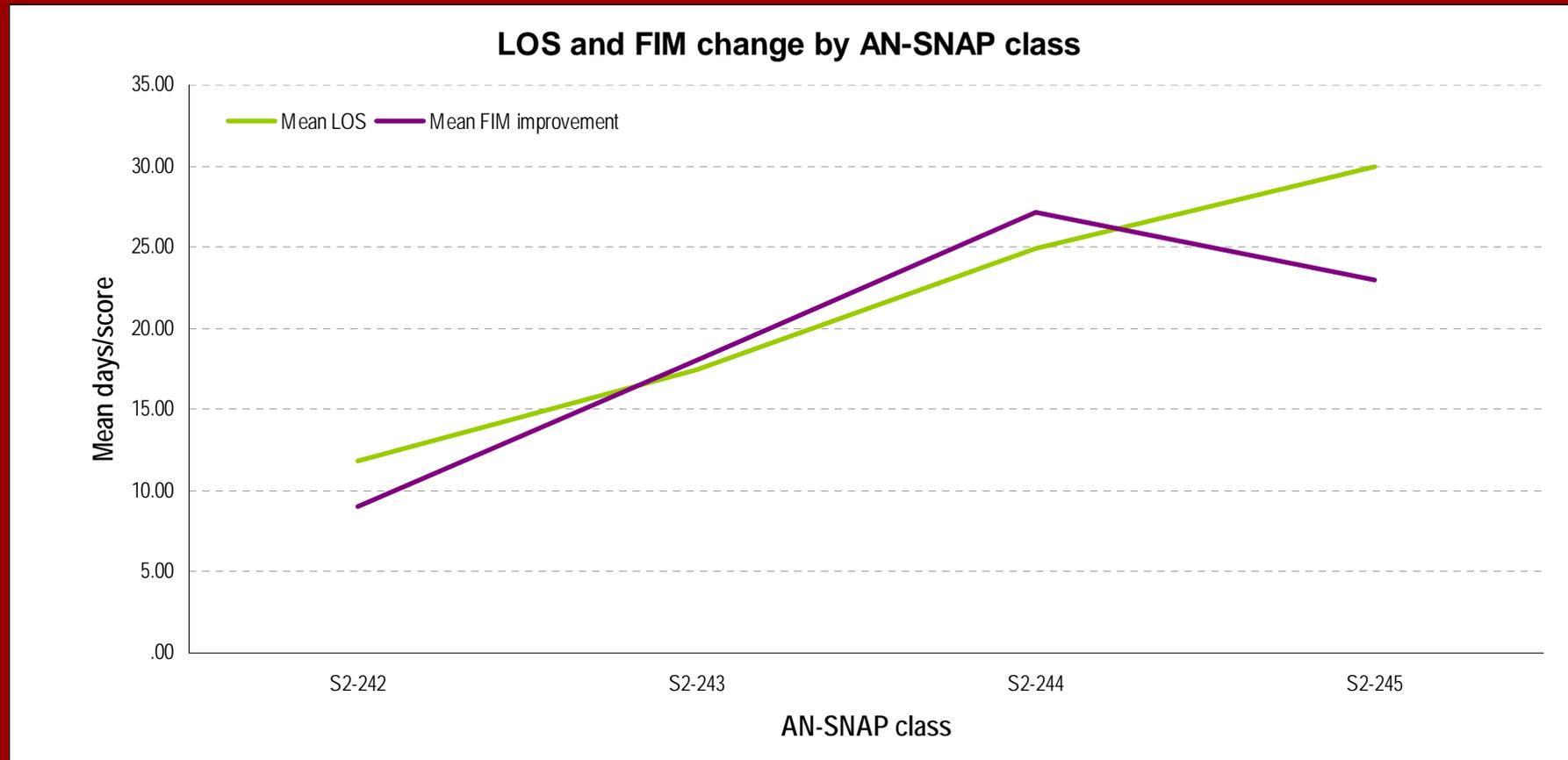
AN-SNAP class:	S2-242	S2-243	S2-244	S2-245	All Arthritis
Number of episodes	416	129	67	6	618
Proportion of episodes	67.3%	20.9%	10.8%	1.0%	100.0%
Sector (%)					
<i>Private</i>	92.5	63.6	35.8	0.0	79.4
<i>Public</i>	7.5	36.4	64.2	100.0	20.6
Gender (%)					
<i>Female</i>	62.3	67.4	59.7	50.0	62.9
<i>Male</i>	37.7	32.6	40.3	50.0	37.1
Age (Mean+95%CI)	69.1 (68.1–70.2)	79.3 (77.5–81.2)	77.4 (73.4–81.3)	85.0 (73.3–96.7)	72.3 (71.3–73.3)
Admission FIM (Mean+95%CI)	108.5 (108.0–109.0)	92.1 (91.0–93.1)	68.4 (65.5–71.2)	42.7 (4.6–80.7)	101.2 (100.0–102.3)
LOS (Mean+95%CI)	11.8 (11.3–12.3)	17.4 (15.8–19.1)	24.9 (21.1–28.8)	30.0 (4.8–55.2)	14.2 (13.5–14.9)
Discharge destination (%)					
<i>Discharged to community</i>	98.3	90.7	82.1	66.7	94.7
<i>Remaining in hospital system</i>	1.7	9.3	17.9	33.3	5.3
FIM improvement (Mean+95%CI)	9.0 (8.6–9.4)	18.0 (16.6–19.3)	27.1 (23.5–30.8)	23.0 (-20.1–66.1)	12.6 (11.9–13.3)
FIM efficiency (FIM imp./LOS)	0.8	1.0	1.1	0.8	0.9

Arthritis discharge destination by AN-SNAP class



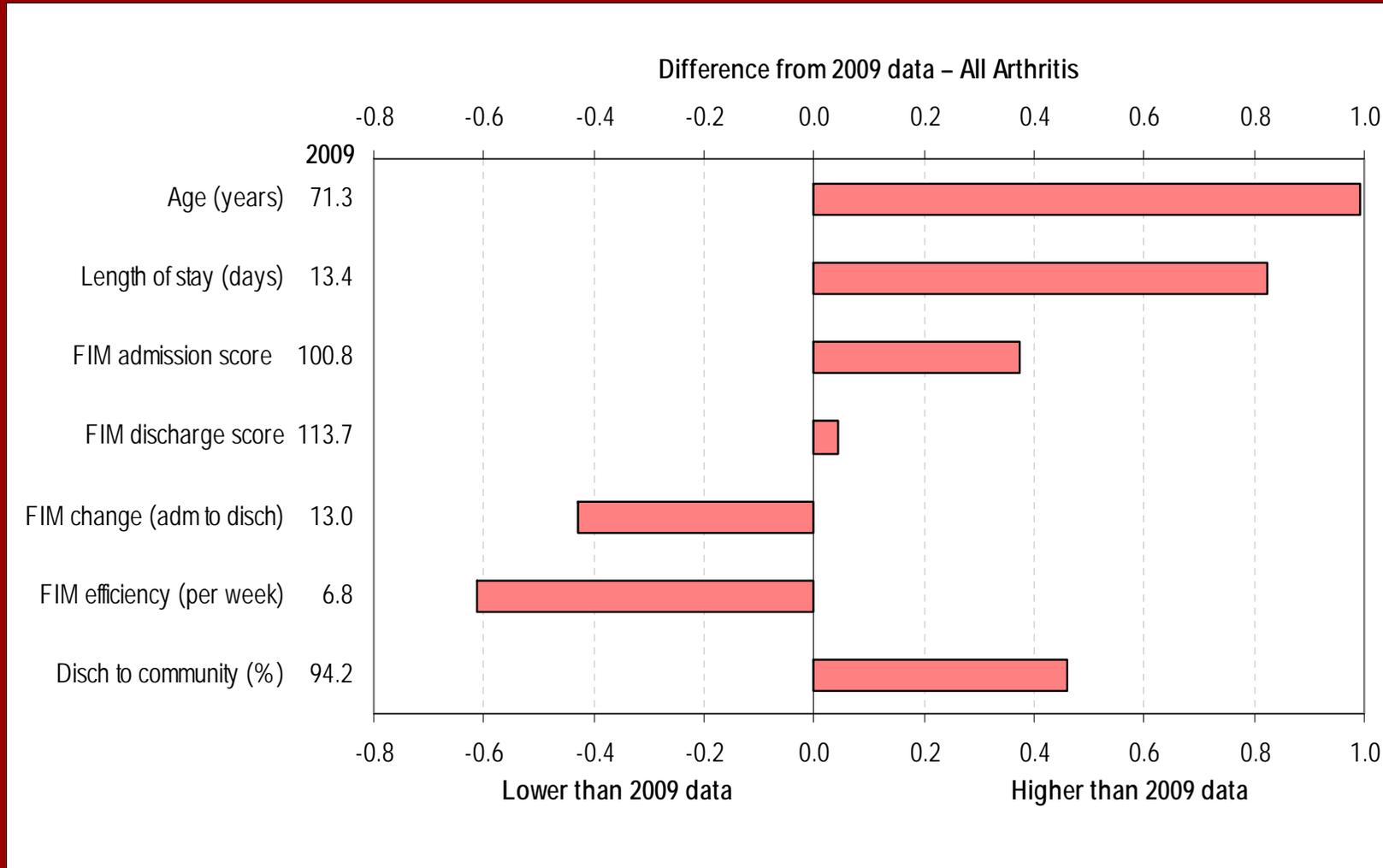
Arthritis LOS and FIM change by AN-SNAP class

aroc

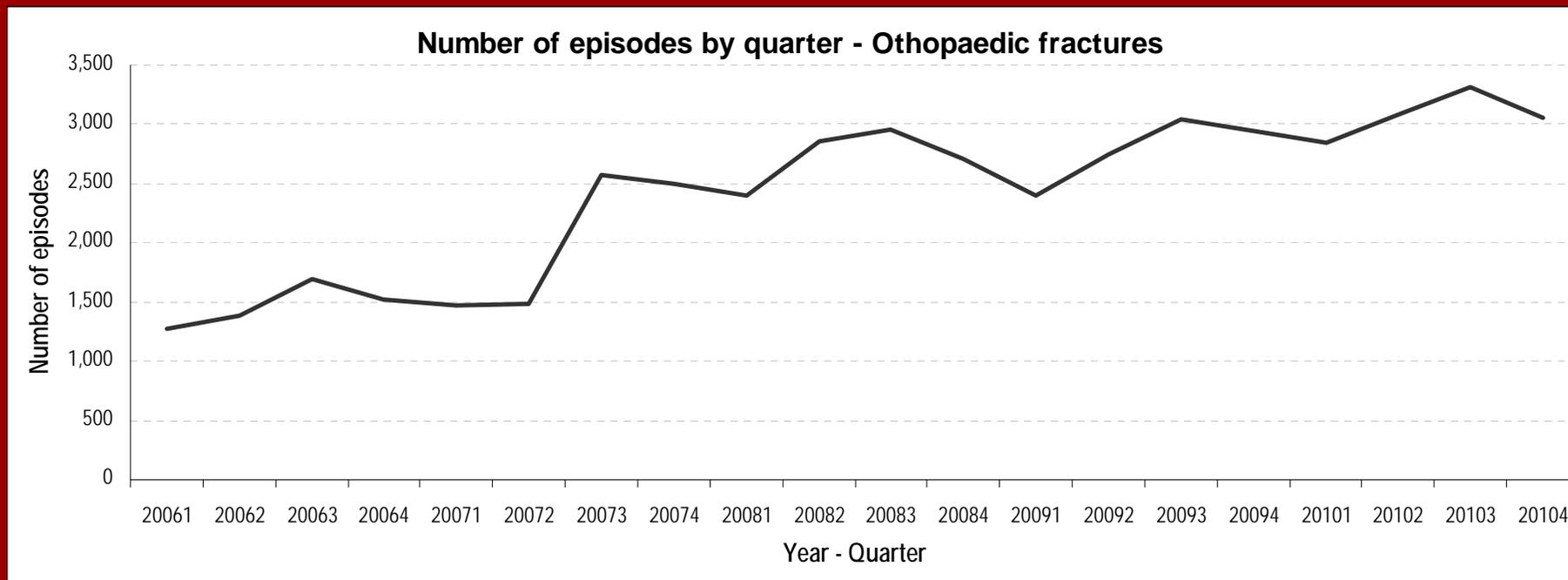


Change in outcome measures in arthritis – 2009 to 2010

aroc



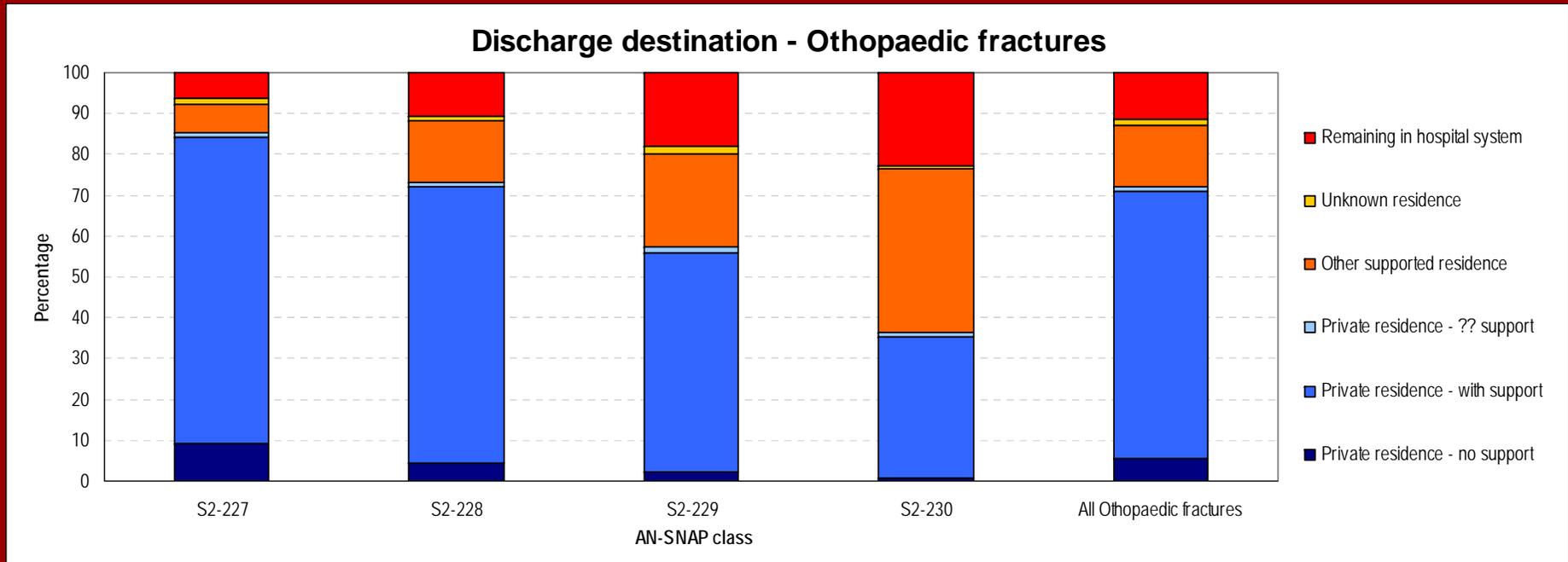
Change in orthopaedic fracture episodes over time



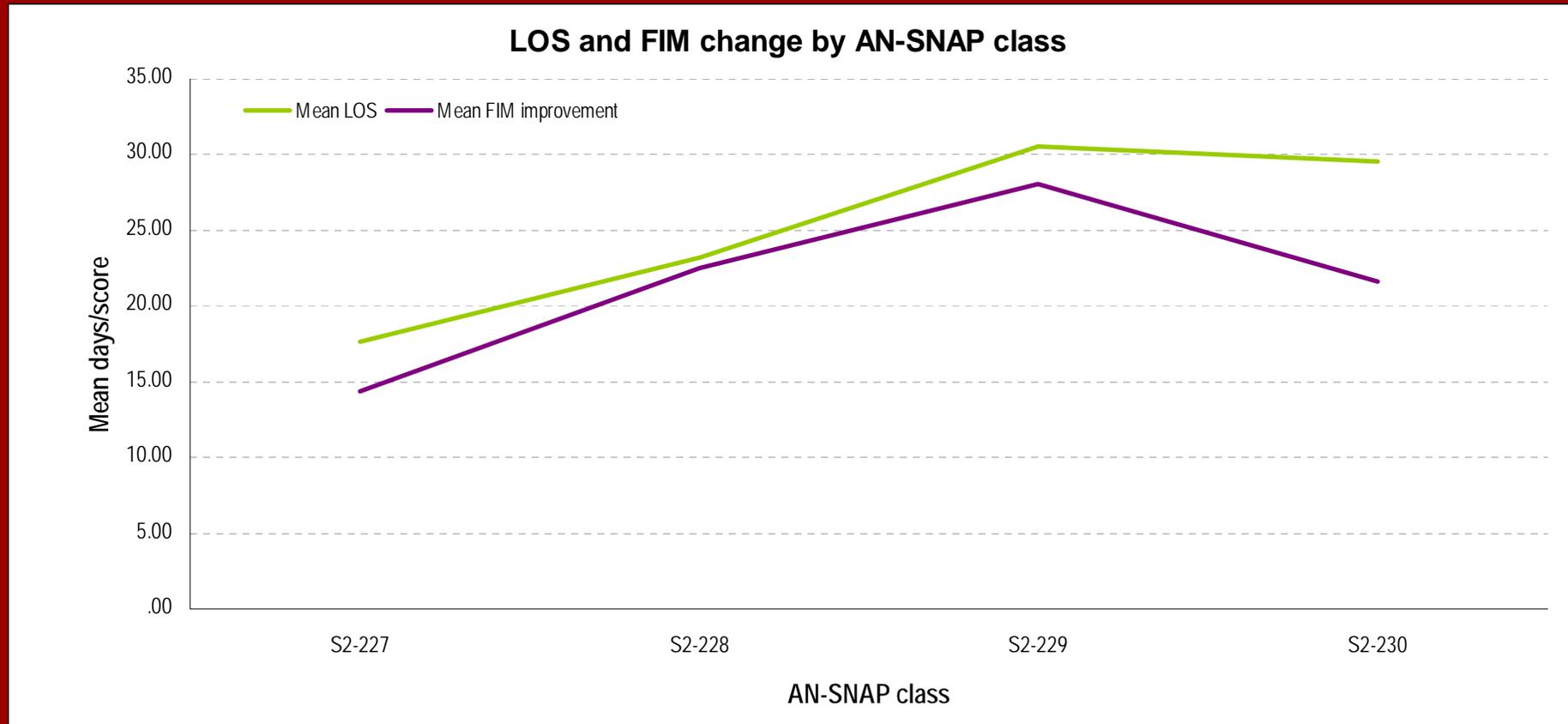
Orthopaedic fracture episodes in 2010

AN-SNAP class:	S2-227	S2-228	S2-229	S2-230	All Othopaedic fractures
Number of episodes	5,162	3,240	3,160	723	12,289
Proportion of episodes	42.0%	26.4%	25.7%	5.9%	100.0%
Sector (%)					
<i>Private</i>	62.6	56.8	44.9	28.1	54.5
<i>Public</i>	37.4	43.2	55.1	71.9	45.5
Gender (%)					
<i>Female</i>	71.9	75.4	73.5	73.7	73.3
<i>Male</i>	28.1	24.6	26.5	26.3	26.7
Age (Mean+95%CI)	75.7 (75.3–76.1)	79.6 (79.1–80.0)	80.5 (80.0–80.9)	83.5 (82.8–84.2)	78.4 (78.2–78.7)
Admission FIM (Mean+95%CI)	98.6 (98.4–98.9)	82.9 (82.7–83.2)	66.5 (66.1–66.8)	45.2 (44.3–46.1)	84.0 (83.7–84.3)
LOS (Mean+95%CI)	17.7 (17.4–18.0)	23.2 (22.7–23.6)	30.5 (29.8–31.2)	29.5 (28.0–31.0)	22.8 (22.6–23.1)
Discharge destination (%)					
<i>Discharged to community</i>	93.6	89.3	82.0	77.3	88.5
<i>Remaining in hospital system</i>	6.4	10.7	18.0	22.7	11.5
FIM improvement (Mean+95%CI)	14.4 (14.1–14.6)	22.5 (22.2–22.9)	28.0 (27.5–28.6)	21.6 (20.0–23.2)	20.2 (20.0–20.4)
FIM efficiency (FIM imp./LOS)	0.8	1.0	0.9	0.7	0.9

Orthopaedic fracture discharge destination by AN-SNAP class

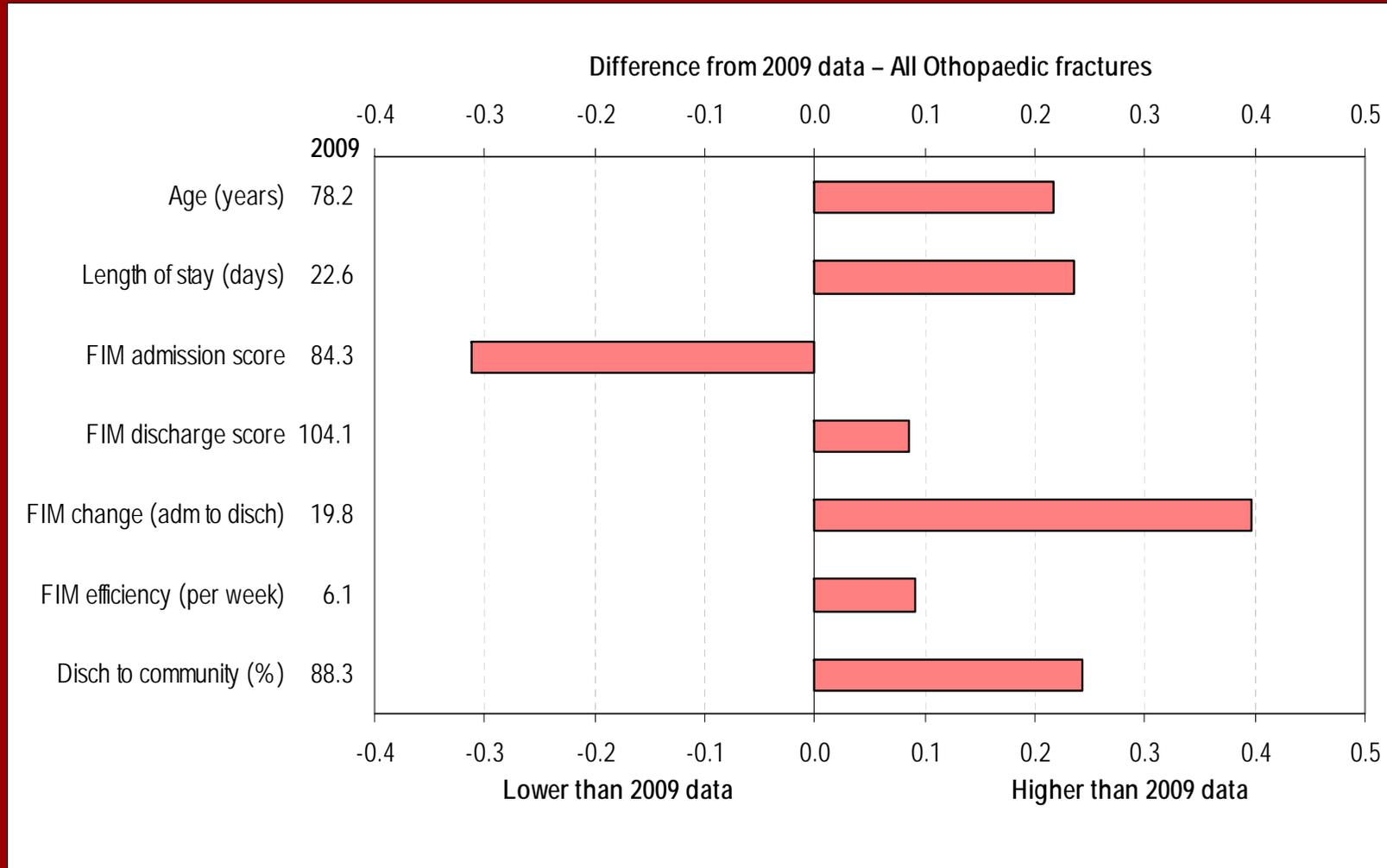


Orthopaedic fracture LOS and FIM change by AN-SNAP class

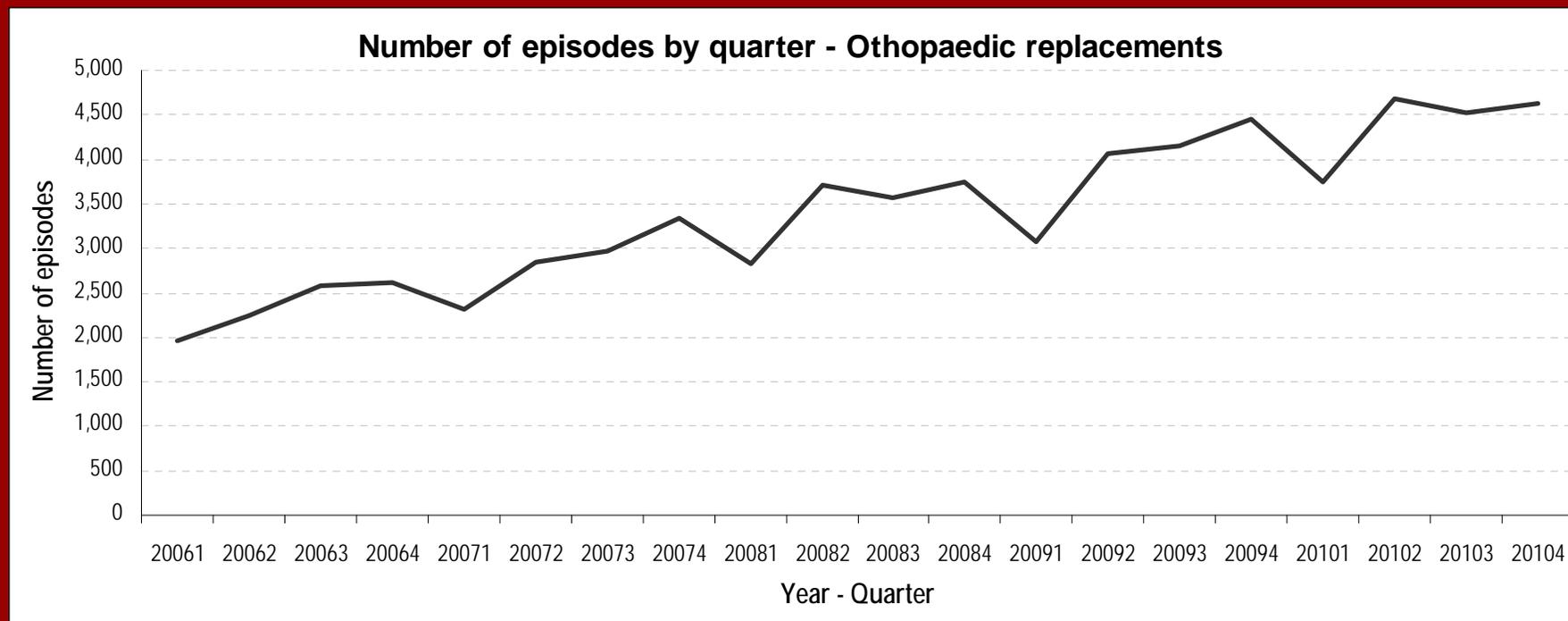


Change in outcome measures in orthopaedic fracture – 2009 to 2010

aroc



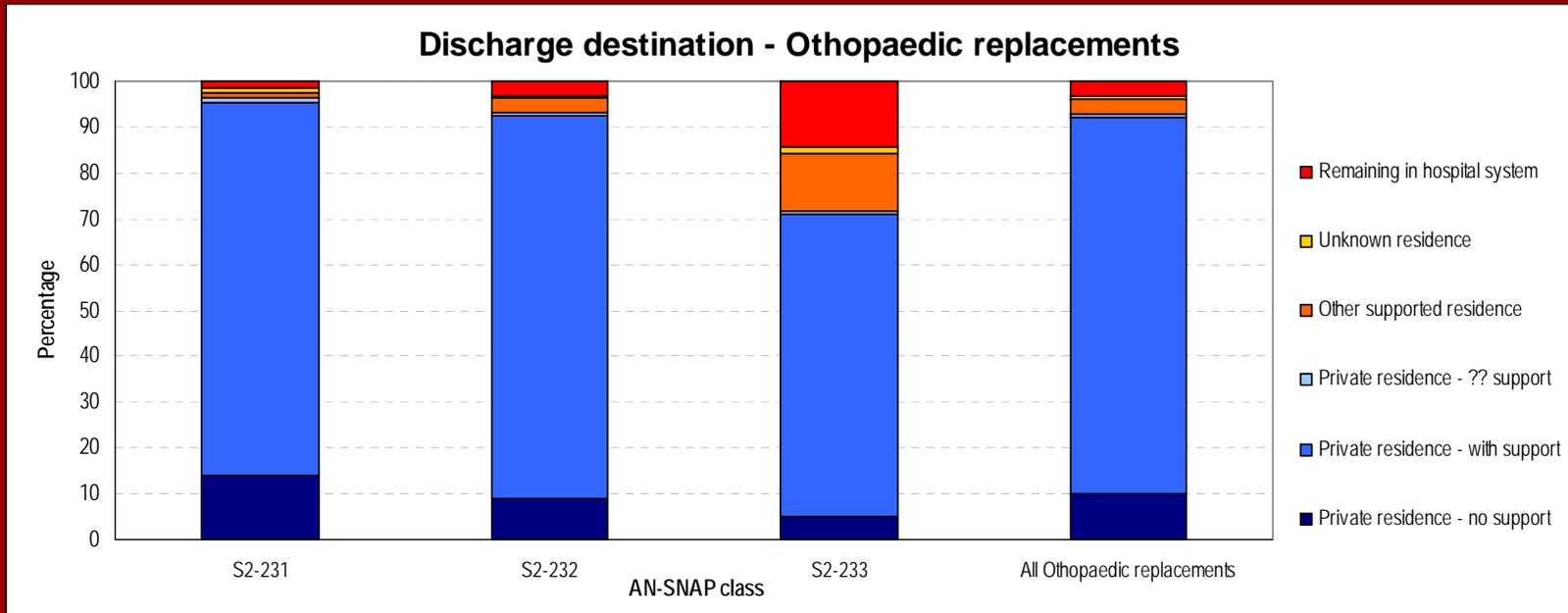
Change in orthopaedic replacement episodes over time



Orthopaedic replacement episodes in 2010

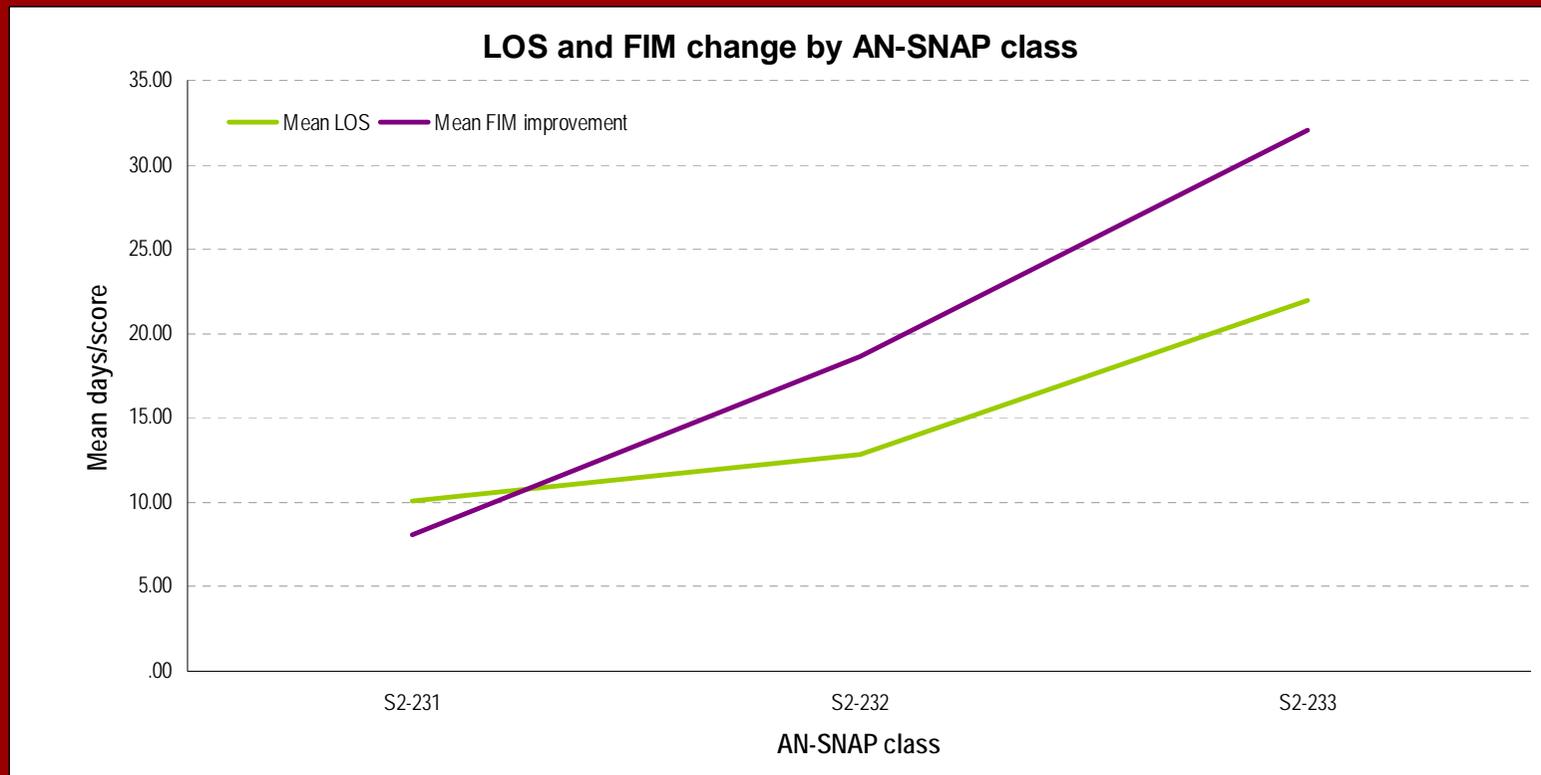
AN-SNAP class:	S2-231	S2-232	S2-233	All Orthopaedic replacements
Number of episodes	5,489	10,979	1,122	17,590
Proportion of episodes	31.2%	62.4%	6.4%	100.0%
Sector (%)				
<i>Private</i>	91.7	83.5	54.5	84.2
<i>Public</i>	8.3	16.5	45.5	15.8
Gender (%)				
<i>Female</i>	57.8	67.7	70.9	64.8
<i>Male</i>	42.2	32.3	29.1	35.2
Age (Mean+95%CI)	68.4 (68.1–68.6)	73.2 (73.0–73.4)	77.8 (77.2–78.3)	72.0 (71.8–72.1)
Admission FIM (Mean+95%CI)	110.5 (110.4–110.6)	95.9 (95.8–96.0)	68.2 (67.5–68.9)	99.0 (98.8–99.2)
LOS (Mean+95%CI)	10.1 (10.0–10.2)	12.9 (12.8–13.0)	22.0 (21.1–22.9)	12.5 (12.4–12.6)
Discharge destination (%)				
<i>Discharged to community</i>	98.6	96.8	85.7	96.7
<i>Remaining in hospital system</i>	1.4	3.2	14.3	3.3
FIM improvement (Mean+95%CI)	8.1 (8.0–8.2)	18.7 (18.5–18.8)	32.0 (31.2–32.8)	16.1 (15.9–16.2)
FIM efficiency (FIM imp./LOS)	0.8	1.4	1.5	1.3

Orthopaedic replacement discharge destination by AN-SNAP class

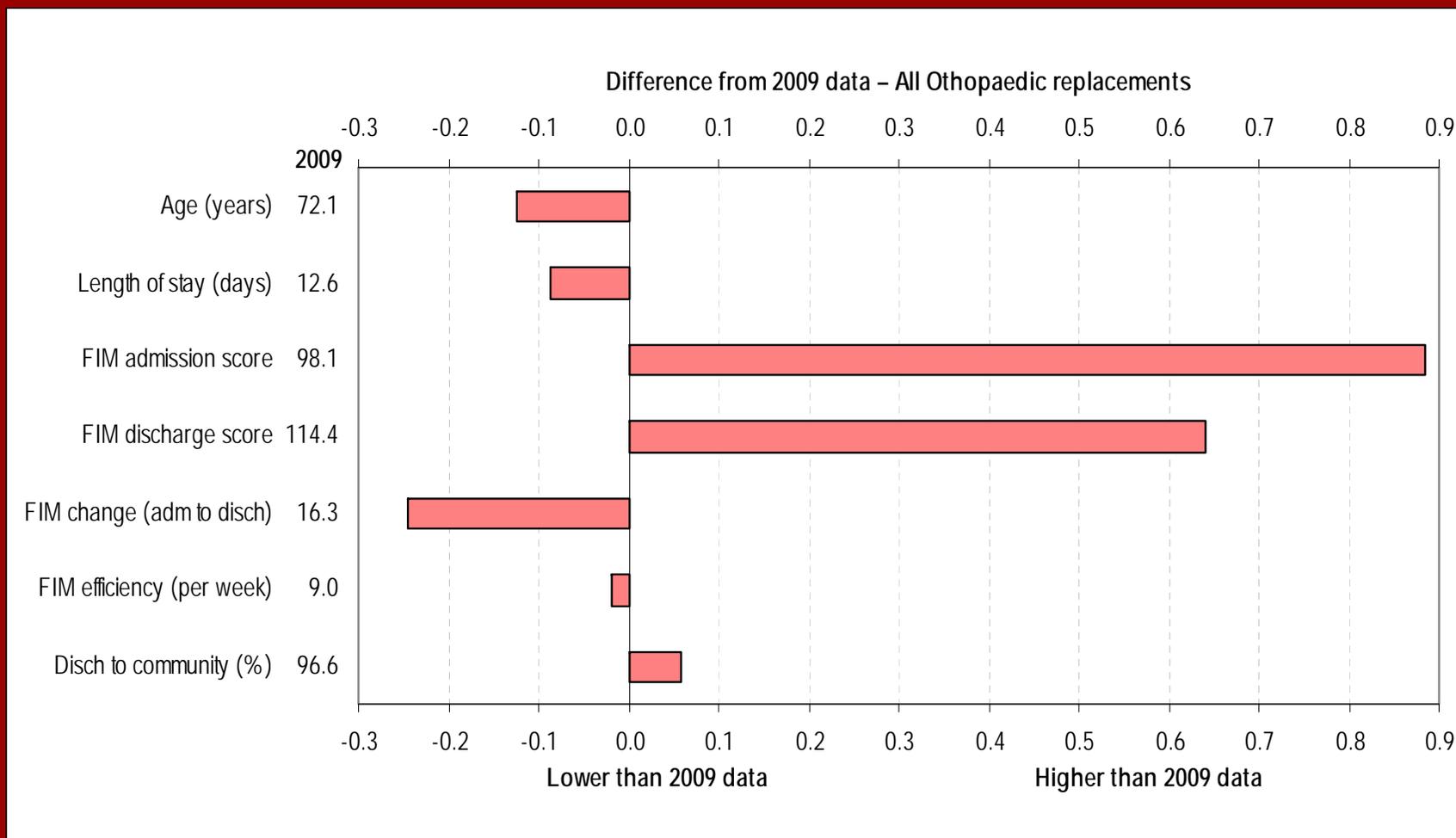


Orthopaedic replacement LOS and FIM change by AN-SNAP class

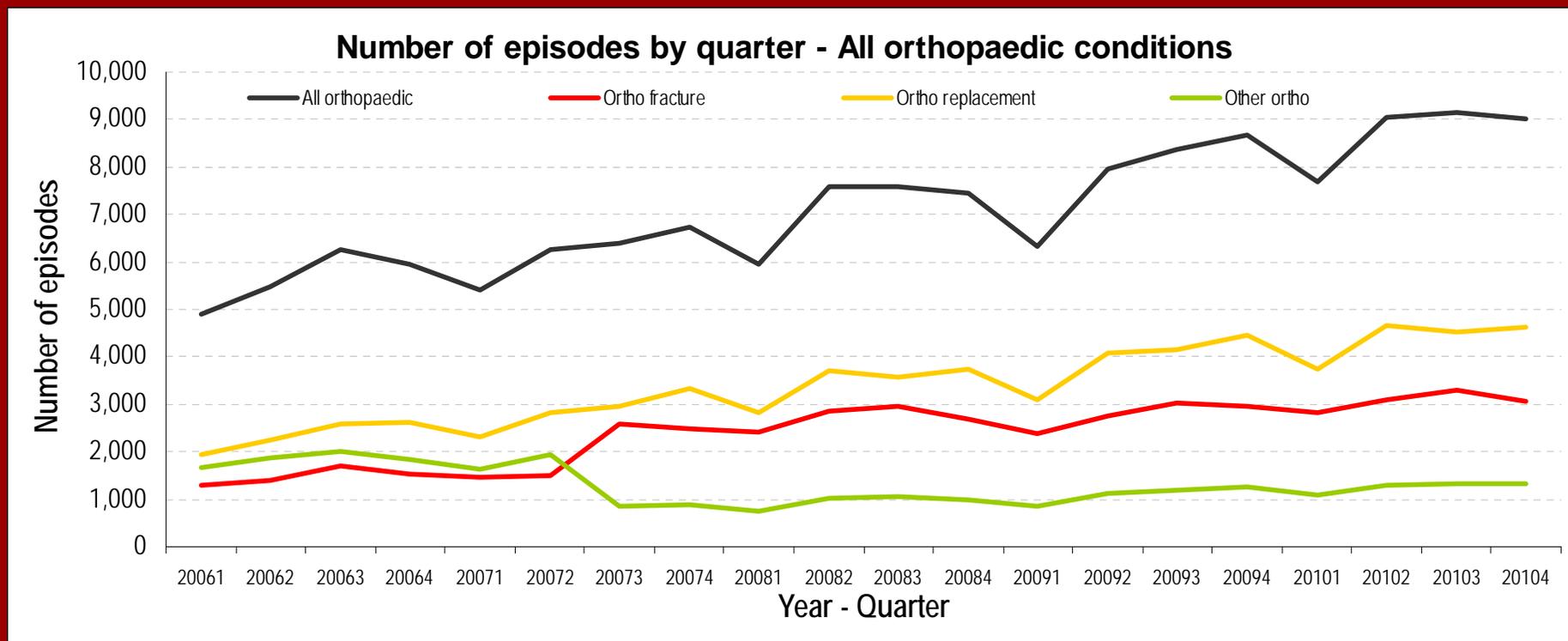
aroc



Change in outcome measures in orthopaedic replacement – 2009 to 2010



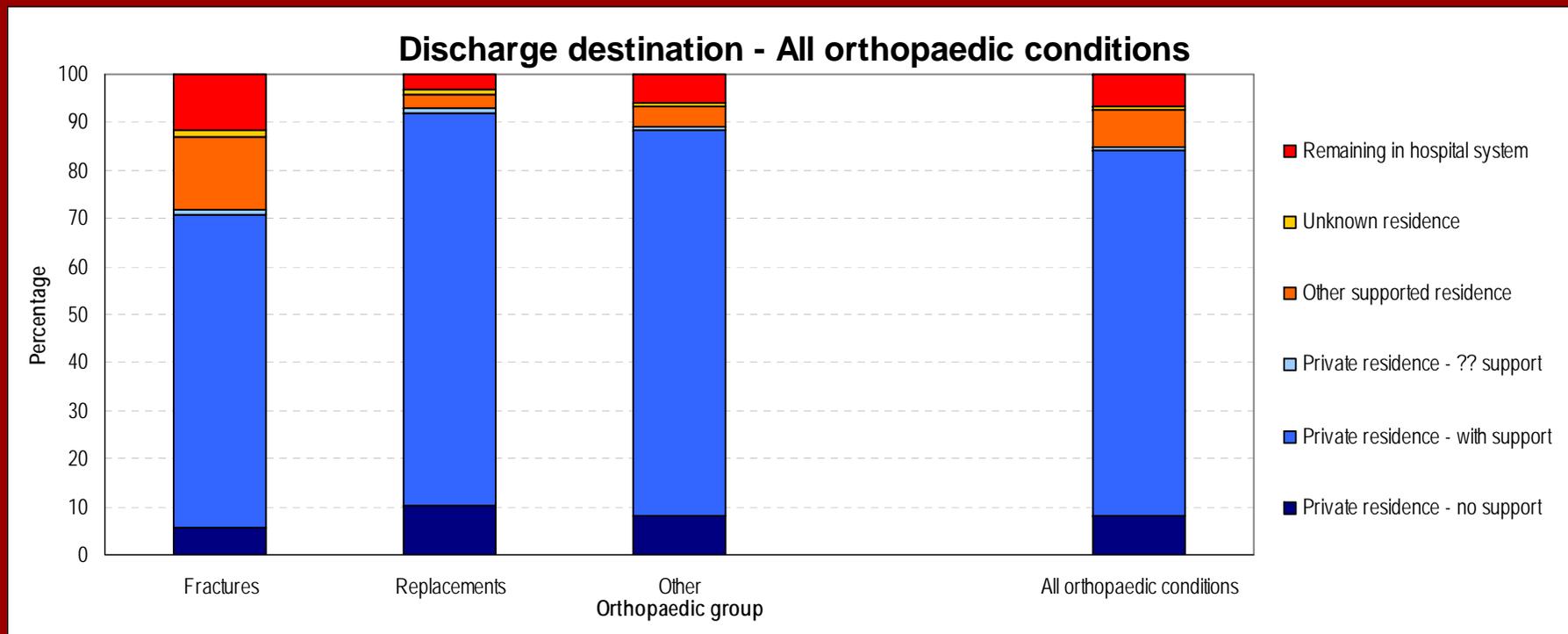
Change in all orthopaedic episodes over time



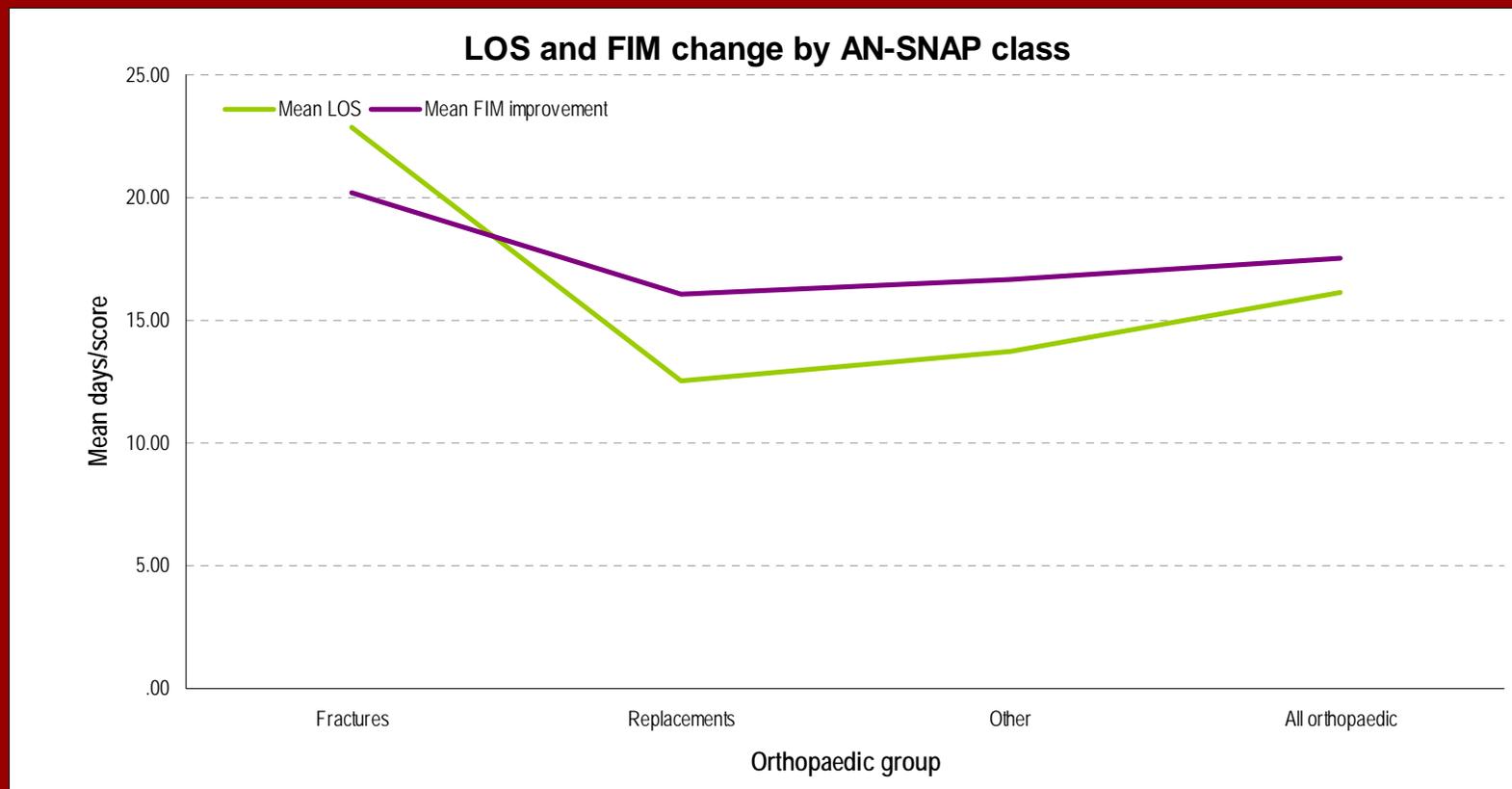
All orthopaedic episodes in 2010

	Fractures	Replacements	Other	All orthopaedic conditions
Number of episodes	12,289	17,590	5,049	34,928
Proportion of episodes	35.2%	50.4%	14.5%	100.0%
Sector (%)				
<i>Private</i>	54.5	84.2	86.3	74.1
<i>Public</i>	45.5	15.8	13.7	25.9
Gender (%)				
<i>Female</i>	73.3	64.8	63.6	67.7
<i>Male</i>	26.7	35.2	36.4	32.3
Age (Mean+95%CI)	78.4 (78.2–78.7)	72.0 (71.8–72.1)	68.6 (68.2–69.0)	73.7 (73.6–73.9)
Admission FIM (Mean+95%CI)	84.0 (83.7–84.3)	99.0 (98.8–99.2)	98.3 (98.0–98.7)	93.9 (93.7–94.1)
LOS (Mean+95%CI)	22.8 (22.6–23.1)	12.5 (12.4–12.6)	13.8 (13.5–14.1)	16.1 (16.0–16.3)
Discharge destination (%)				
<i>Discharged to community</i>	88.5	96.7	93.8	93.4
<i>Remaining in hospital system</i>	11.5	3.3	6.2	6.6
FIM improvement (Mean+95%CI)	20.2 (20.0–20.4)	16.1 (15.9–16.2)	16.6 (16.4–16.9)	17.5 (17.4–17.6)
FIM efficiency (FIM imp./LOS)	0.9	1.3	1.2	1.1

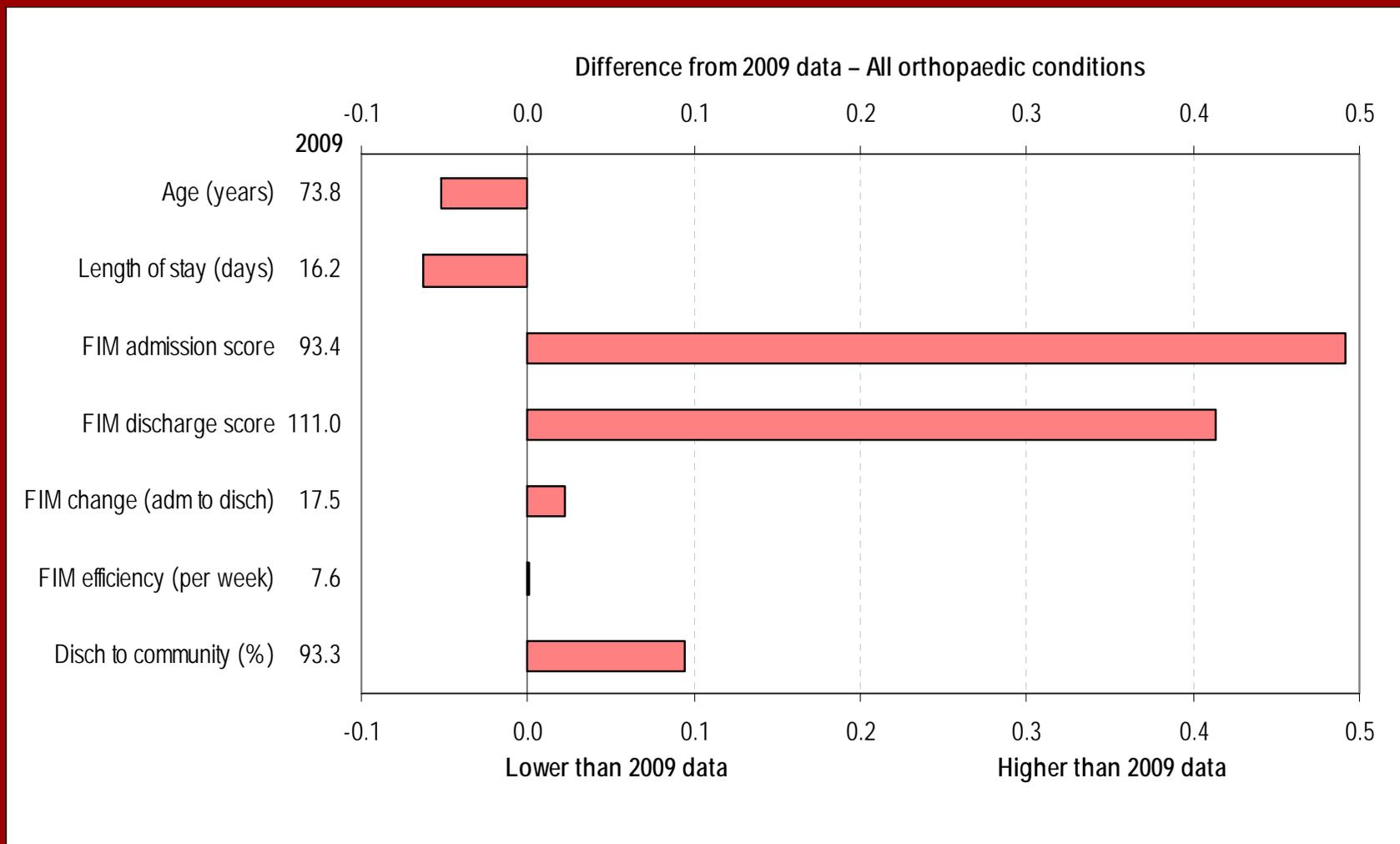
All Orthopaedic episodes discharge destination by AN-SNAP class



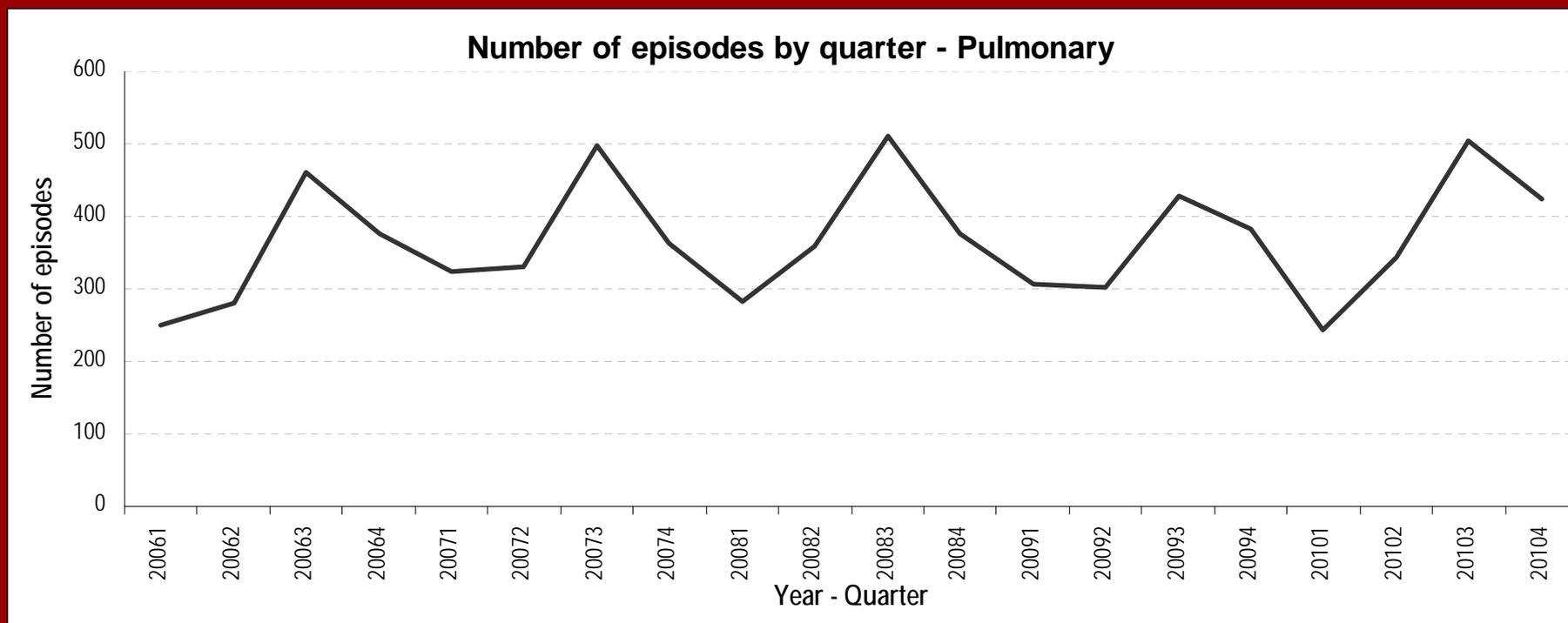
All orthopaedic conditions LOS and FIM change by AN-SNAP class



Change in outcome measures in orthopaedic conditions – 2009 to 2010



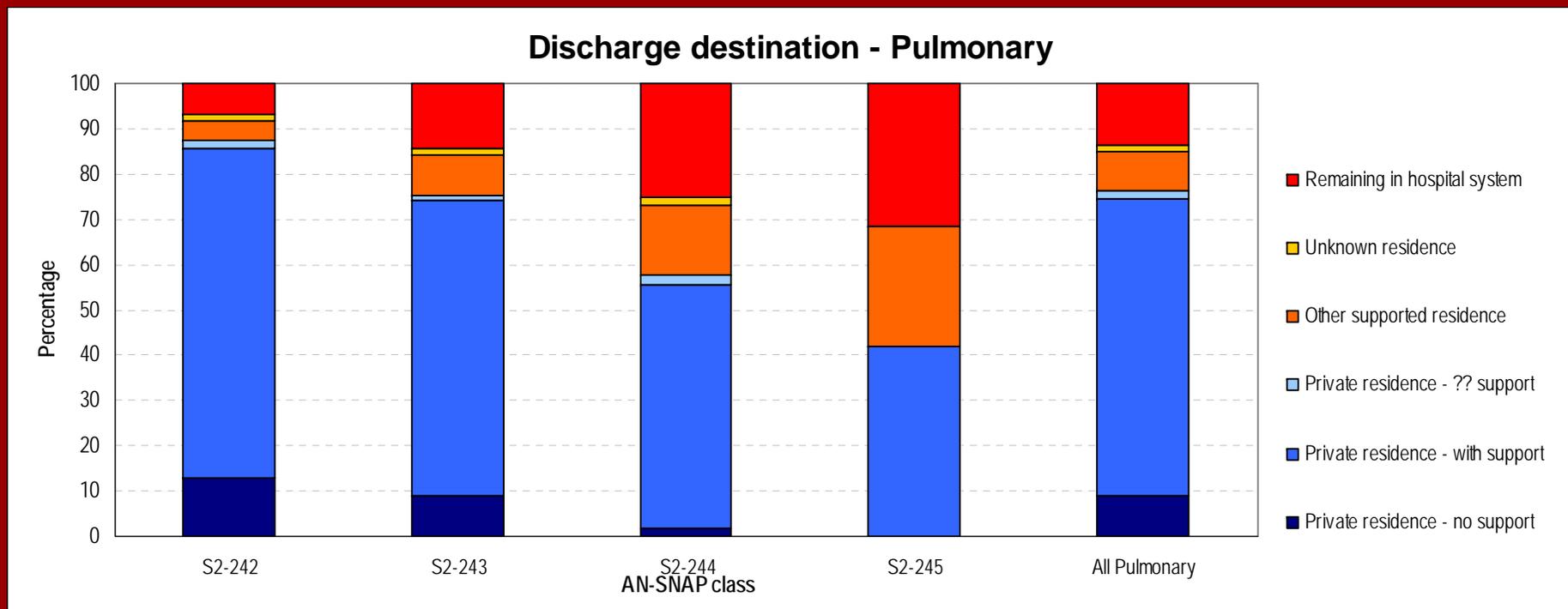
Change in pulmonary episodes over time



Pulmonary episodes in 2010

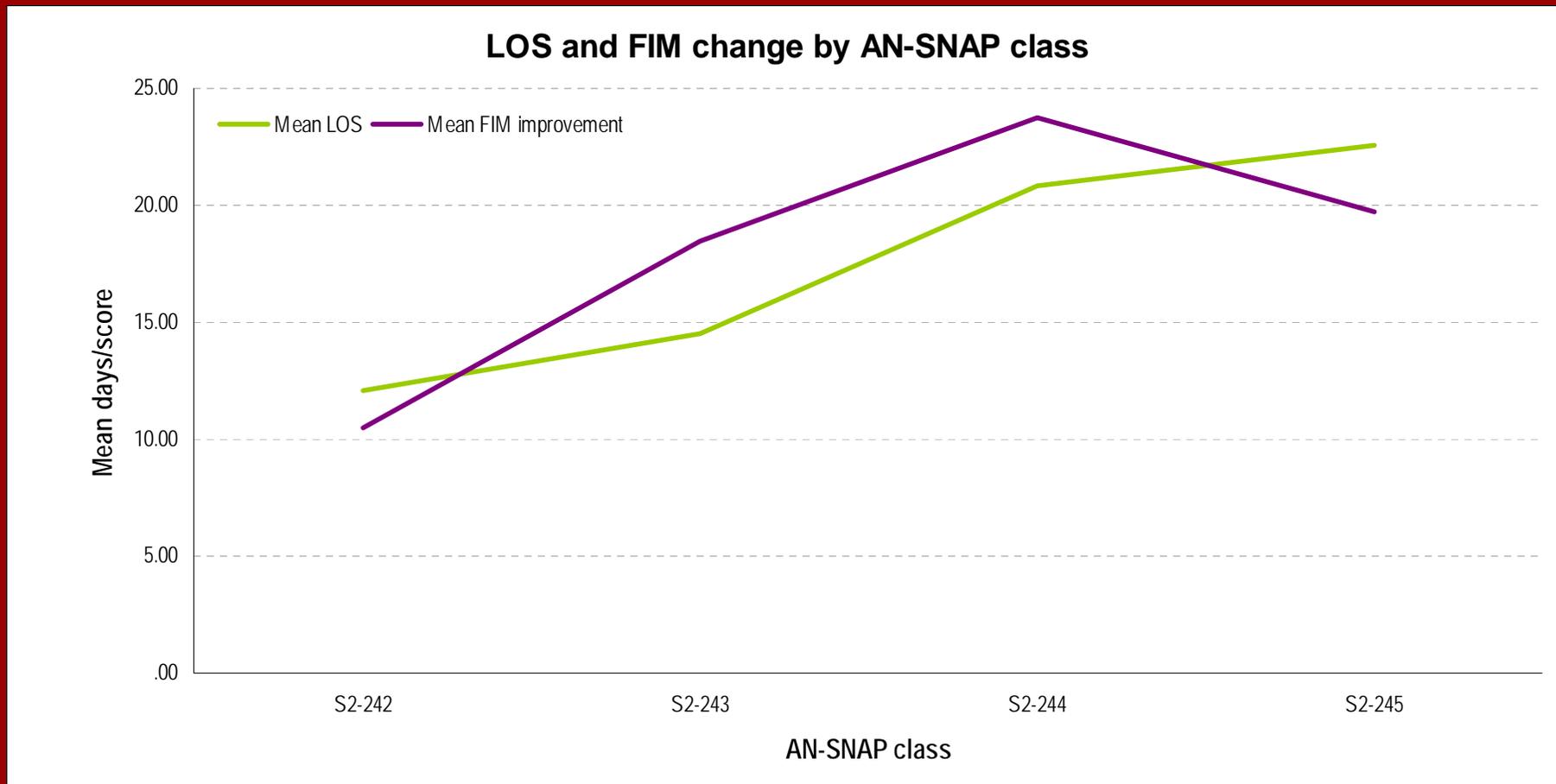
AN-SNAP class:	S2-242	S2-243	S2-244	S2-245	All Pulmonary
Number of episodes	579	635	282	19	1,515
Proportion of episodes	38.2%	41.9%	18.6%	1.3%	100.0%
Sector (%)					
<i>Private</i>	81.9	67.7	44.0	26.3	68.2
<i>Public</i>	18.1	32.3	56.0	73.7	31.8
Gender (%)					
<i>Female</i>	57.0	54.8	46.8	31.6	53.9
<i>Male</i>	43.0	45.2	53.2	68.4	46.1
Age (Mean+95%CI)	77.8 (77.0–78.7)	80.4 (79.6–81.1)	80.9 (79.6–82.1)	82.1 (78.2–86.0)	79.5 (79.0–80.0)
Admission FIM (Mean+95%CI)	107.6 (107.1–108.2)	91.4 (90.8–92.0)	71.1 (69.6–72.6)	39.3 (33.8–44.8)	94.2 (93.3–95.1)
LOS (Mean+95%CI)	12.1 (11.6–12.5)	14.5 (14.0–15.1)	20.8 (19.1–22.6)	22.6 (15.3–29.8)	14.6 (14.2–15.1)
Discharge destination (%)					
<i>Discharged to community</i>	93.1	85.5	74.8	68.4	86.2
<i>Remaining in hospital system</i>	6.9	14.5	25.2	31.6	13.8
FIM improvement (Mean+95%CI)	10.5 (10.0–10.9)	18.5 (17.7–19.2)	23.8 (21.8–25.7)	19.7 (9.1–30.3)	16.0 (15.5–16.6)
FIM efficiency (FIM imp./LOS)	0.9	1.3	1.1	0.9	1.1

Pulmonary discharge destination by AN-SNAP class

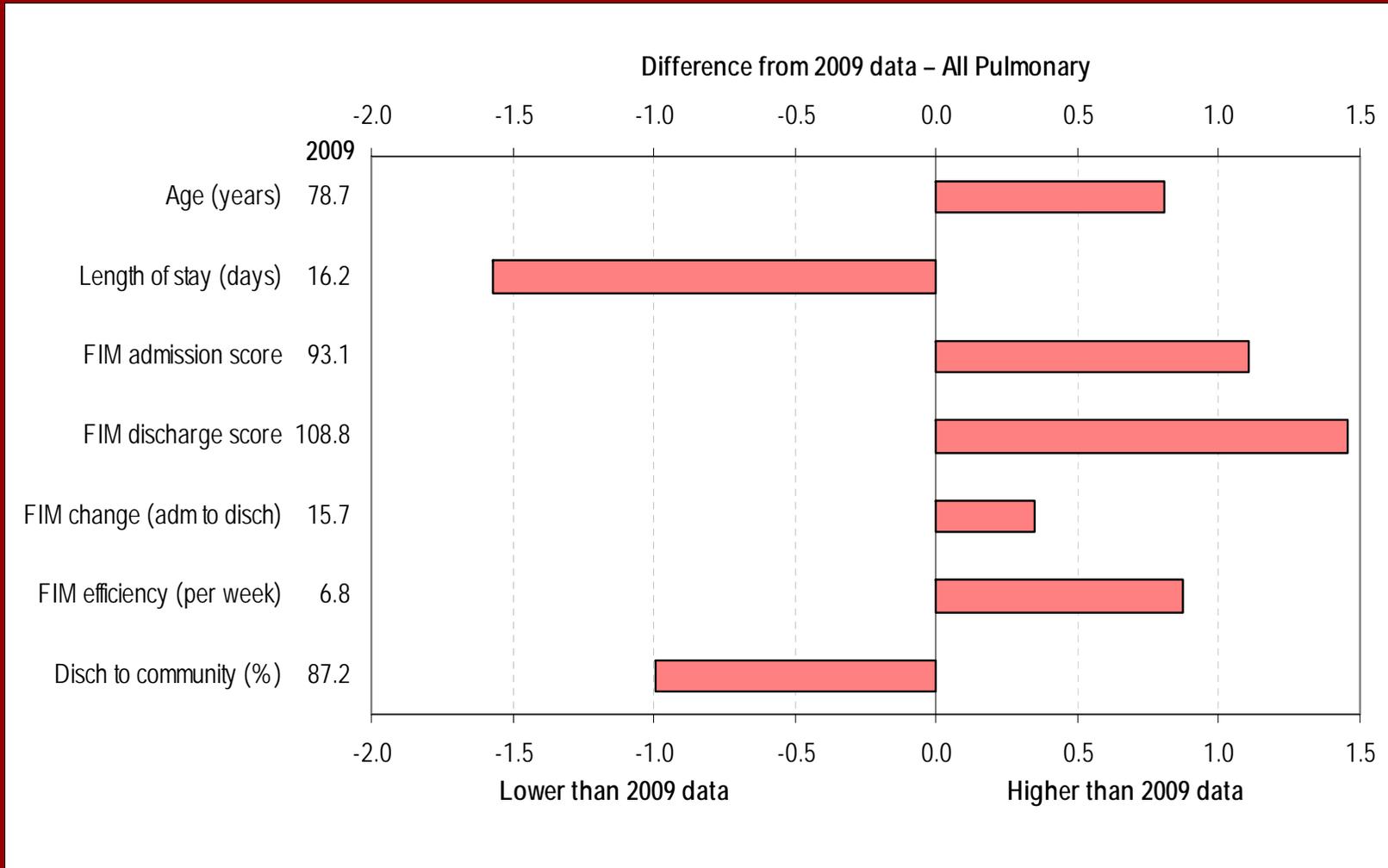


Pulmonary LOS and FIM change by AN-SNAP class

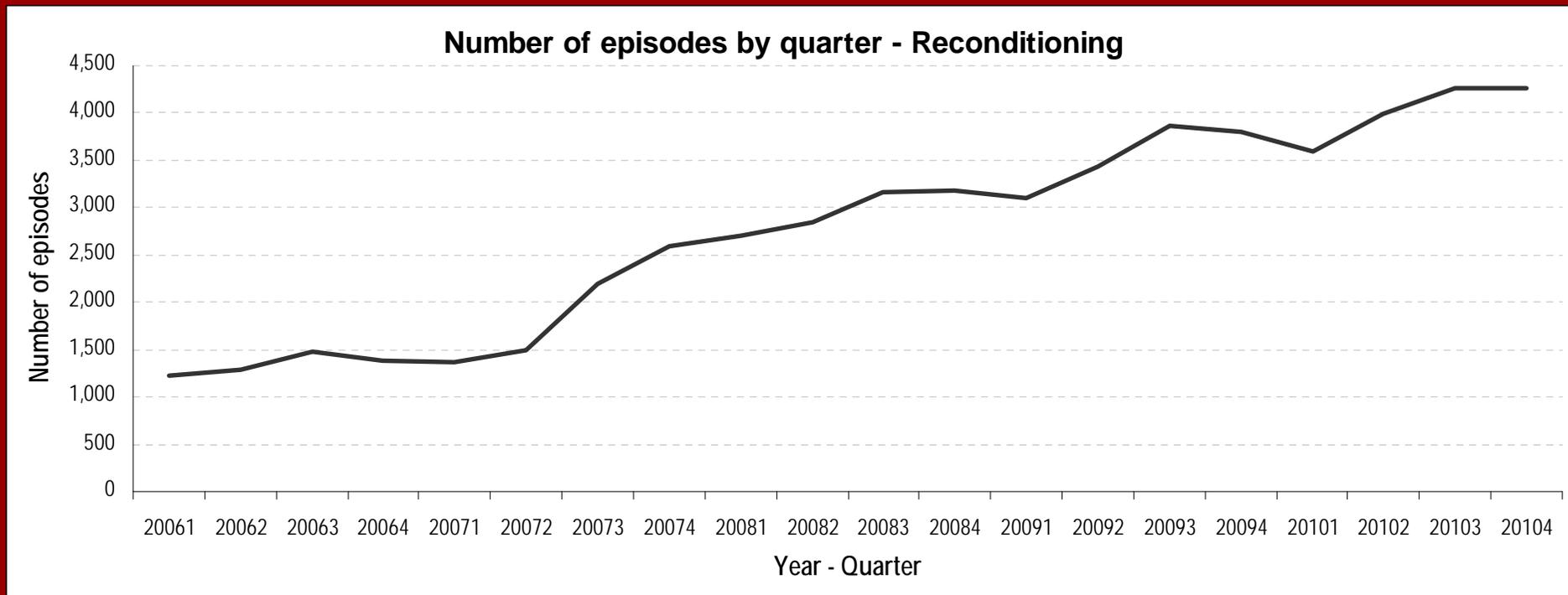
aroc



Change in outcome measures in pulmonary – 2009 to 2010



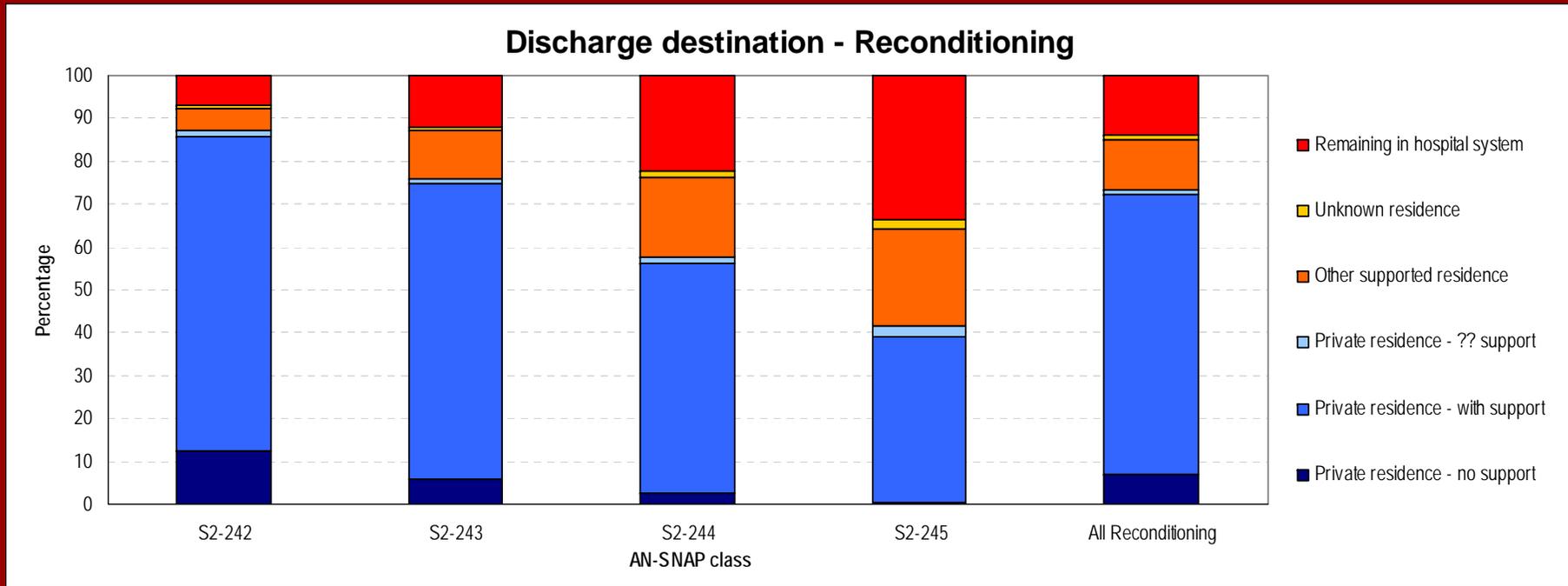
Change in reconditioning episodes over time



Reconditioning episodes in 2010

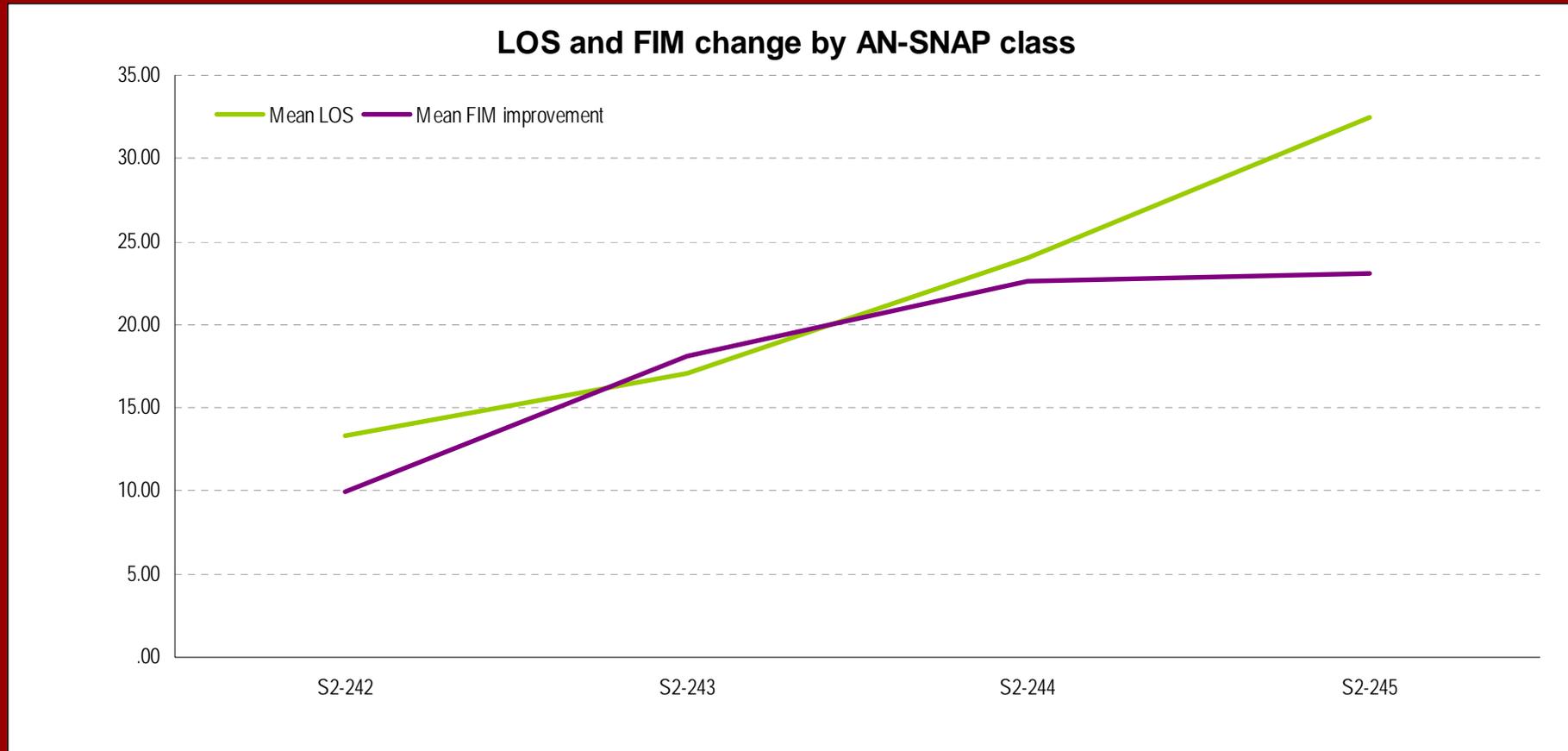
AN-SNAP class:	S2-242	S2-243	S2-244	S2-245	All Reconditioning
Number of episodes	5,188	6,071	4,397	464	16,120
Proportion of episodes	32.2%	37.7%	27.3%	2.9%	100.0%
Sector (%)					
<i>Private</i>	76.1	67.6	50.8	35.8	64.8
<i>Public</i>	23.9	32.4	49.2	64.2	35.2
Gender (%)					
<i>Female</i>	59.2	61.4	56.0	51.3	58.9
<i>Male</i>	40.8	38.6	44.0	48.7	41.1
Age (Mean+95%CI)	76.9 (76.6–77.3)	80.3 (80.1–80.6)	80.0 (79.6–80.3)	60.5 (26.7–94.4)	78.6 (77.6–79.6)
Admission FIM (Mean+95%CI)	107.1 (106.9–107.3)	90.4 (90.2–90.6)	69.3 (68.9–69.7)	40.4 (39.3–41.5)	89.9 (89.6–90.2)
LOS (Mean+95%CI)	13.3 (13.1–13.5)	17.1 (16.8–17.4)	24.0 (23.4–24.6)	32.4 (29.6–35.2)	17.8 (17.6–18.0)
Discharge destination (%)					
<i>Discharged to community</i>	93.2	88.0	77.8	66.4	86.3
<i>Remaining in hospital system</i>	6.8	12.0	22.2	33.6	13.7
FIM improvement (Mean+95%CI)	9.9 (9.7–10.1)	18.2 (17.9–18.4)	22.6 (22.2–23.1)	23.1 (20.7–25.4)	16.5 (16.3–16.7)
FIM efficiency (FIM imp./LOS)	0.7	1.1	0.9	0.7	0.9

Reconditioning discharge destination by AN-SNAP class



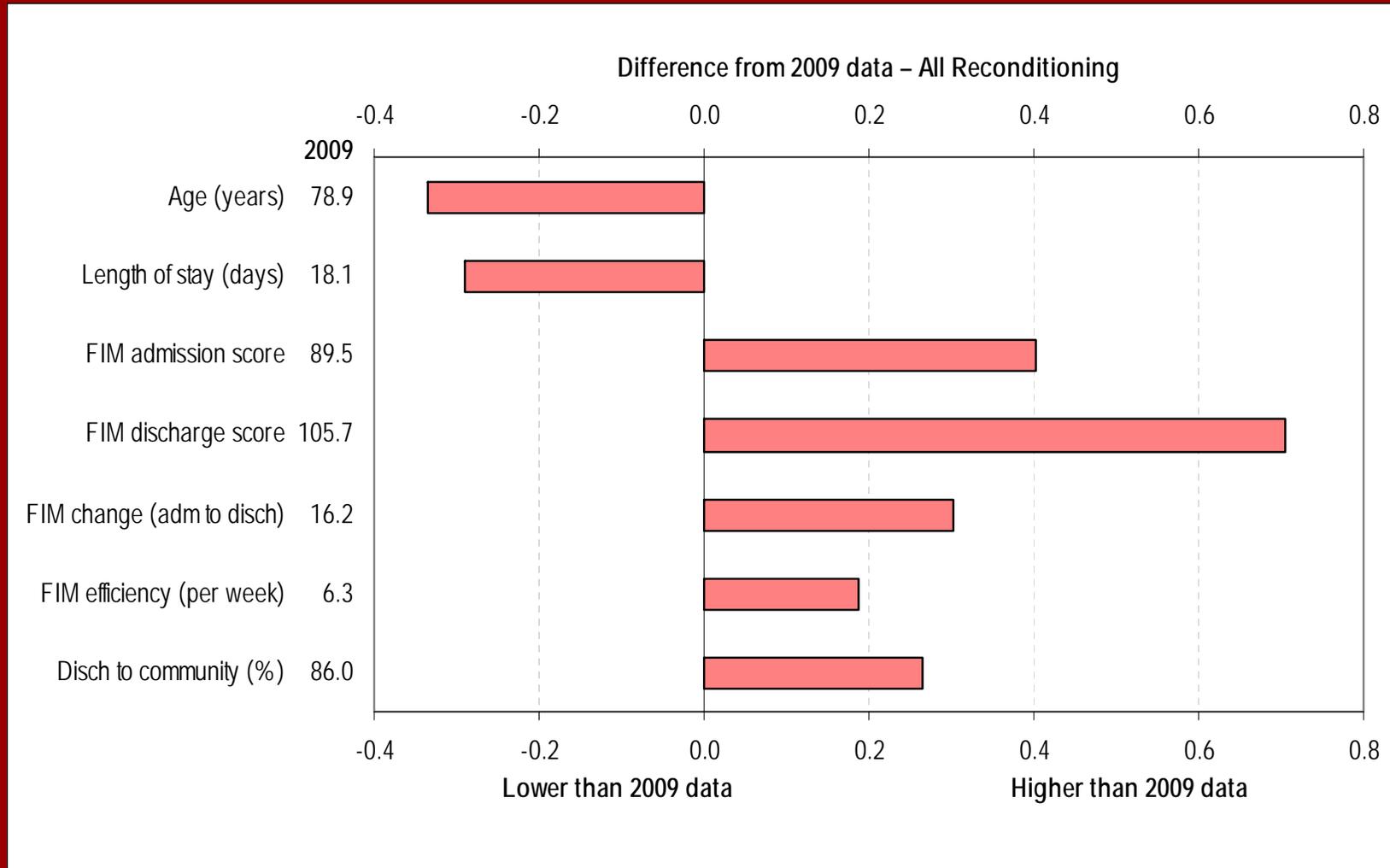
Reconditioning LOS and FIM change by AN-SNAP class

aroc

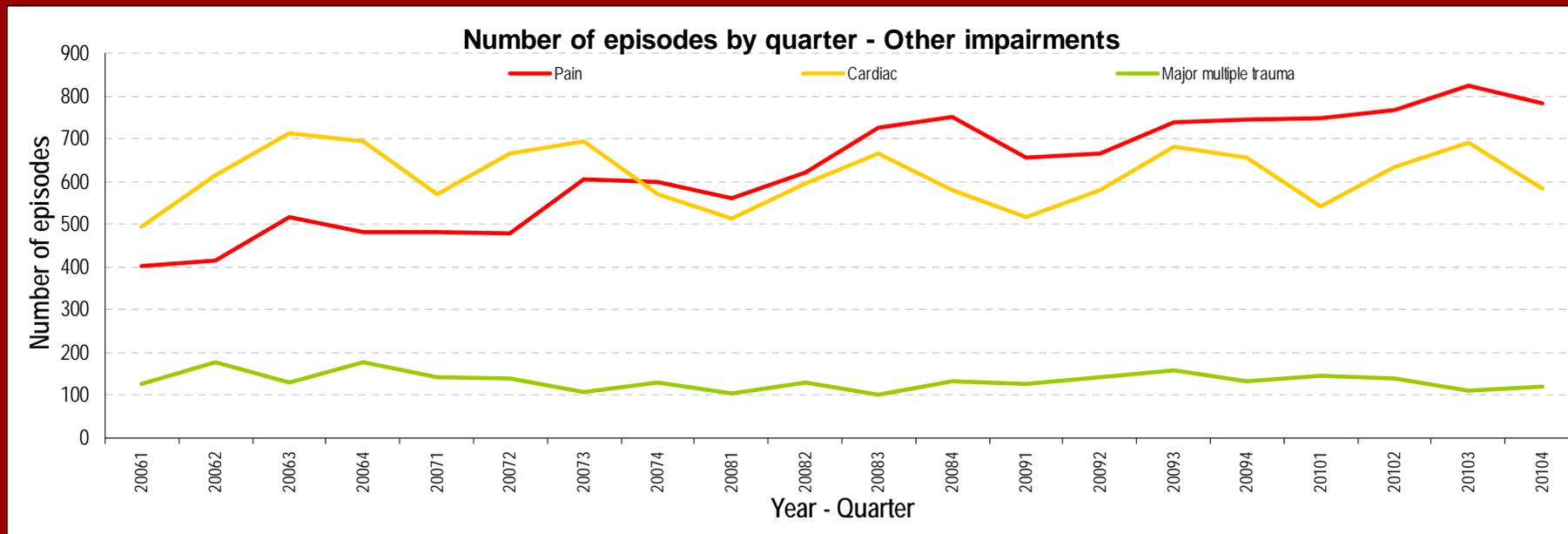


Change in outcome measures in reconditioning – 2009 to 2010

aroc



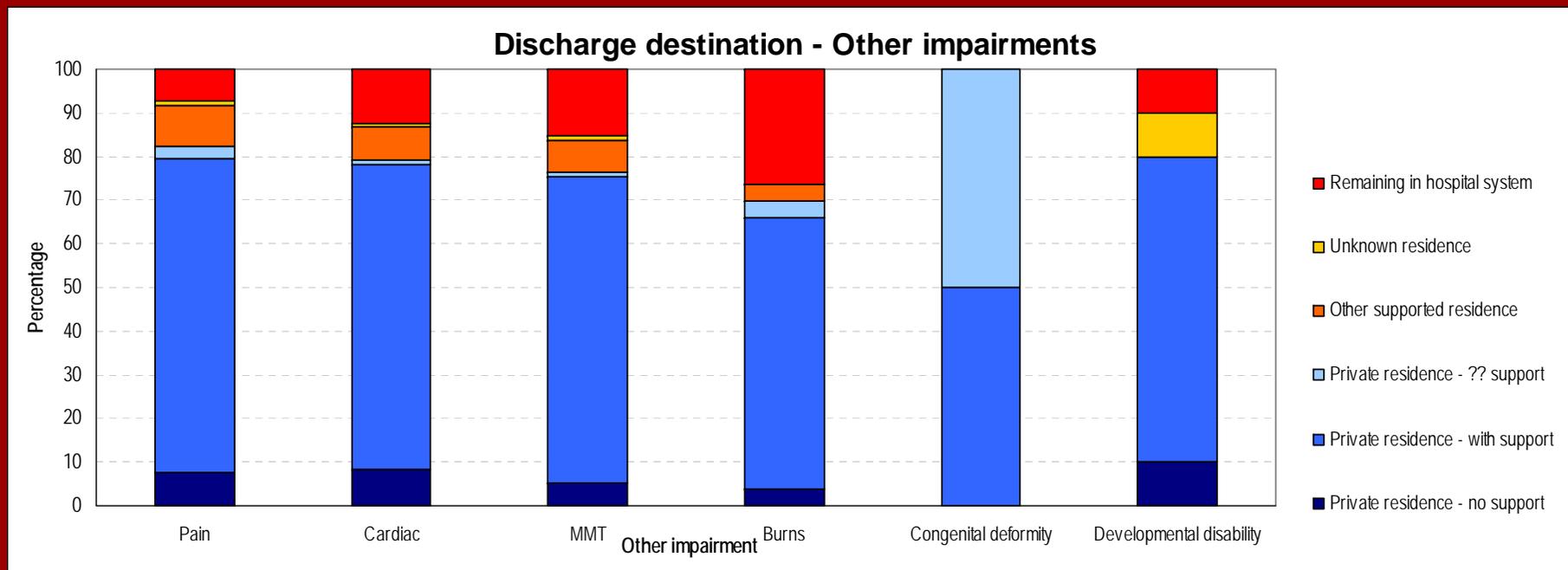
Change in other impairment episodes over time



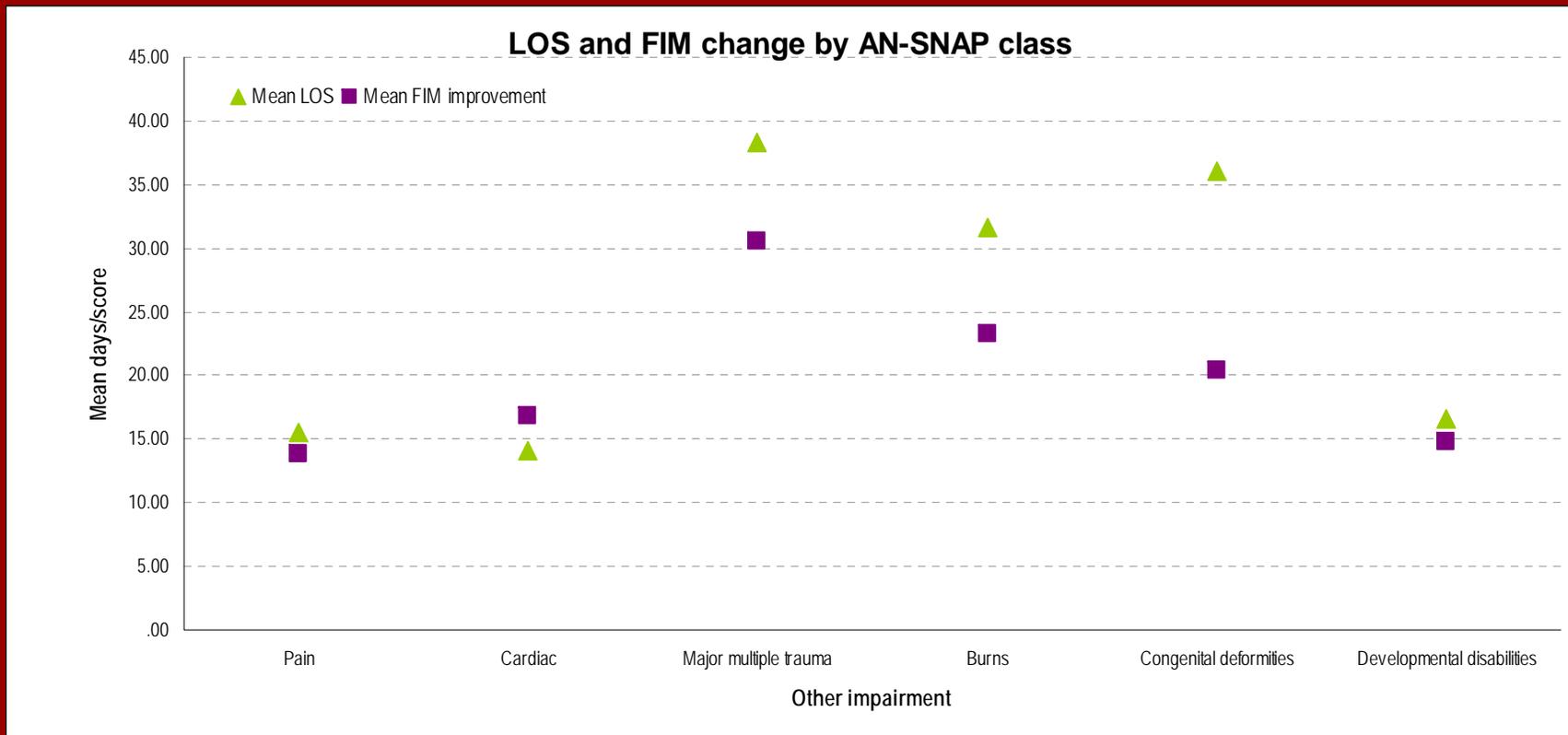
Other impairment episodes in 2010

	Pain	Cardiac	MMT	Burns	Congenital deformity	Developmental disability
Number of episodes	3,124	2,450	514	53	13	10
Proportion of total episodes in 2010	4.3%	3.4%	0.7%	0.1%	0.0%	0.000138564
Sector (%)						
<i>Private</i>	74.5	75.5	64.4	11.3	0.0	10
<i>Public</i>	25.5	24.5	35.6	88.7	100.0	90
Gender (%)						
<i>Female</i>	72.0	51.4	36.6	41.5	53.8	60
<i>Male</i>	28.0	48.6	63.4	58.5	46.2	40
Age (Mean+95%CI)	73.3 (72.6–73.9)	79.3 (78.9–79.7)	47.7 (45.9–49.5)	57.5 (51.3–63.7)	42.2 (31.8–52.7)	55.3 (48.1–62.5)
Admission FIM (Mean+95%CI)	96.9 (96.3–97.6)	95.7 (95.0–96.3)	81.8 (79.8–83.7)	82.2 (77.1–87.4)	75.8 (63.3–88.2)	84.9 (67.3–102.5)
LOS (Mean+95%CI)	15.5 (15.1–15.8)	14.1 (13.8–14.5)	38.3 (35.0–41.7)	31.6 (22.7–40.5)	36.0 (19.4–52.6)	16.6 (9.4–23.9)
Discharge destination (%)						
<i>Discharged to community</i>	92.8	87.6	84.8	73.6	100.0	90
<i>Remaining in hospital system</i>	7.2	12.4	15.2	26.4	0.0	10
FIM improvement (Mean+95%CI)	13.8 (13.4–14.2)	16.9 (16.4–17.3)	30.6 (28.8–32.4)	23.2 (18.5–28.0)	20.4 (9.0–31.8)	14.8 (3.4–26.1)
FIM efficiency (FIM imp./LOS)	0.9	1.2	0.8	0.7	0.6	0.887218045

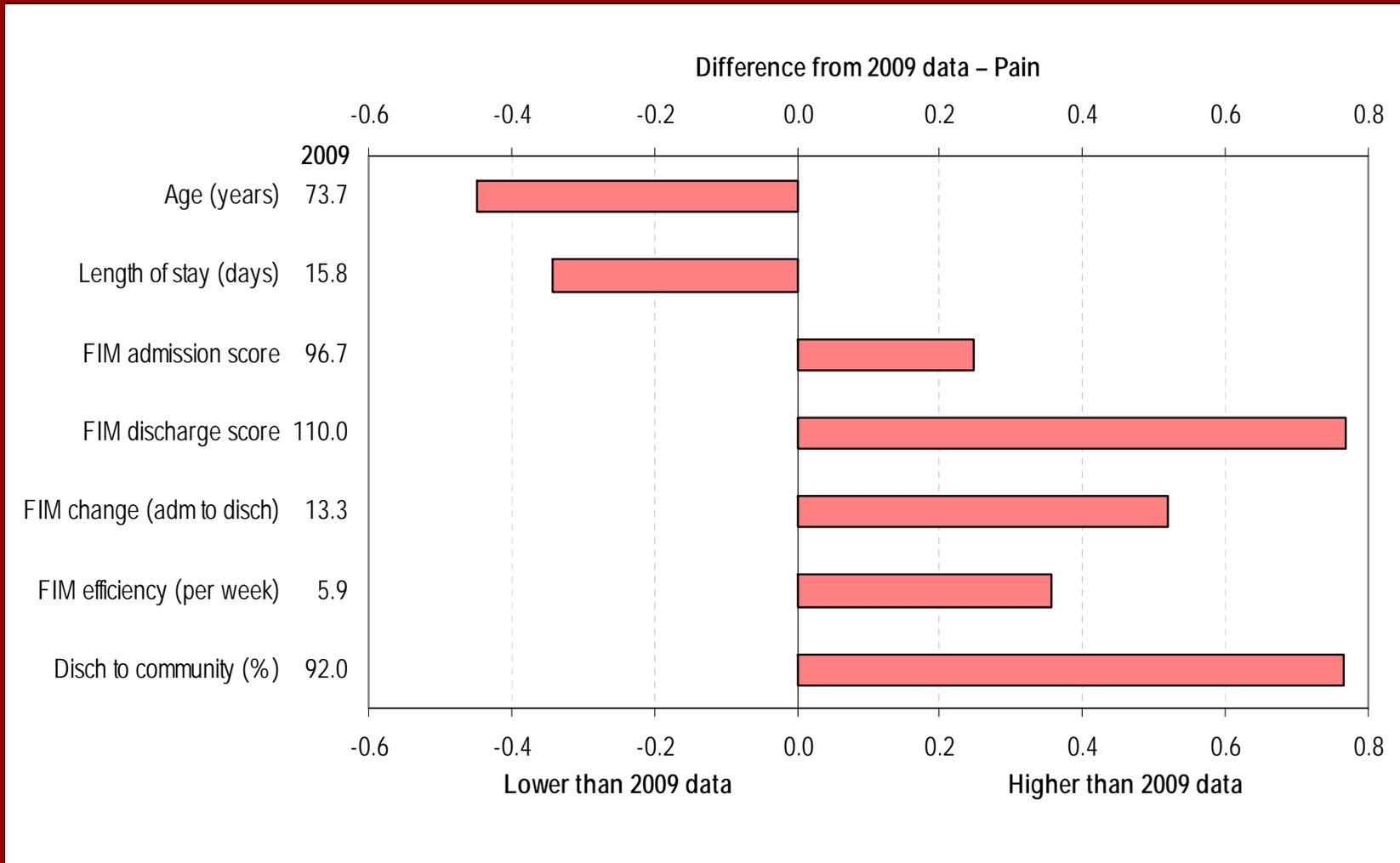
Other impairment discharge destination by AN-SNAP class



Other impairment LOS and FIM change by AN-SNAP class

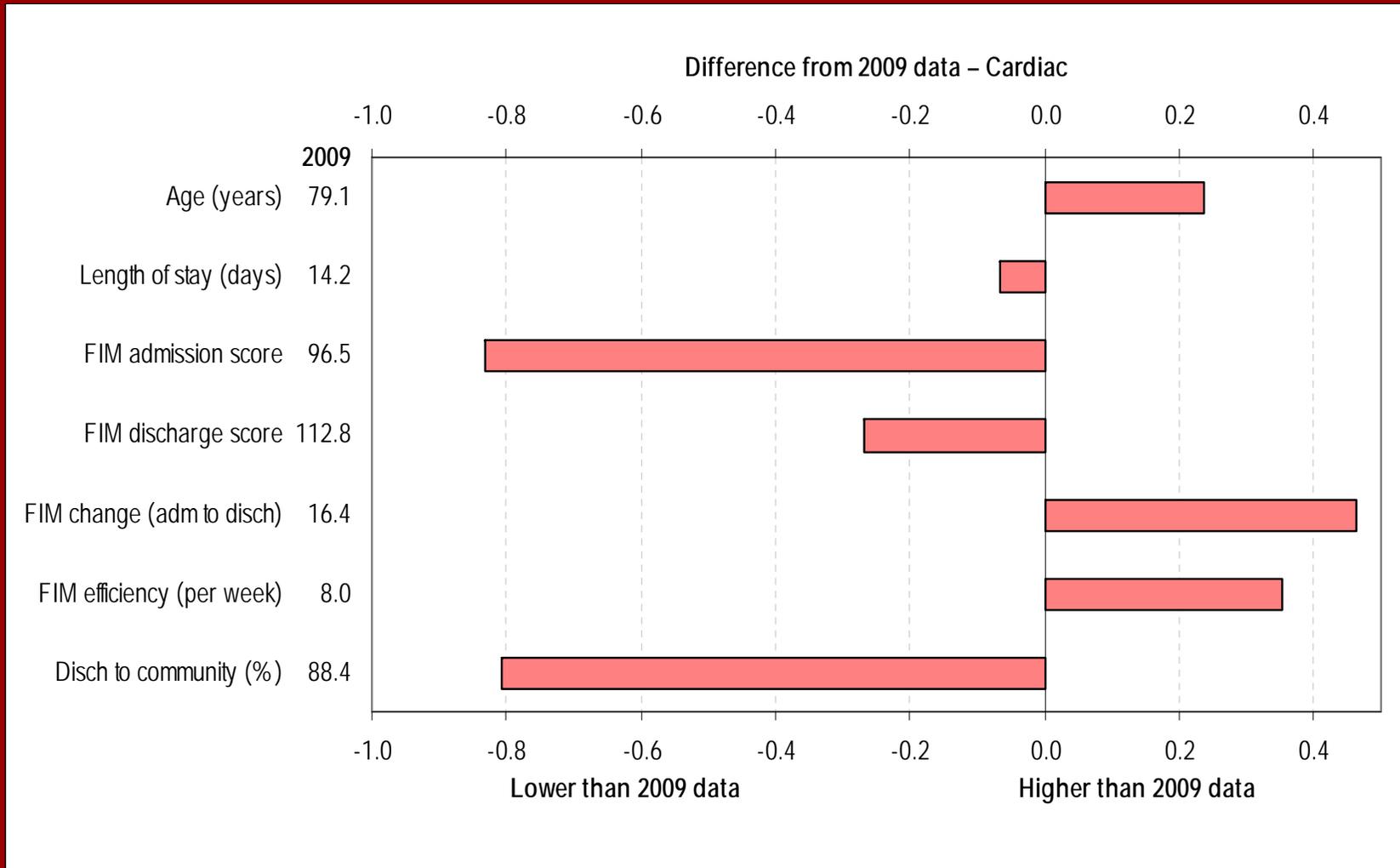


Change in outcome measures in pain – 2009 to 2010



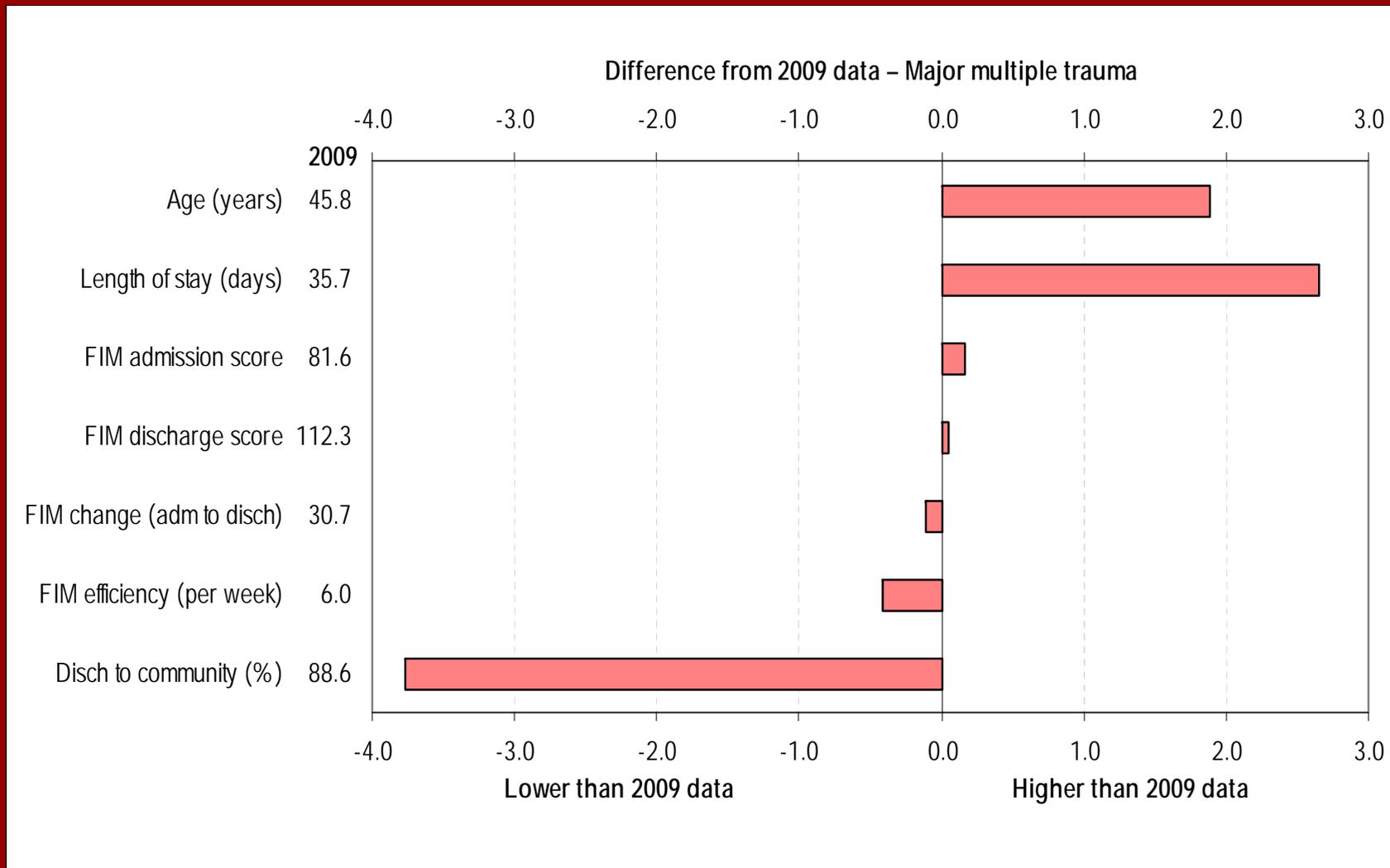
Change in outcome measures in cardiac – 2009 to 2010

aroc

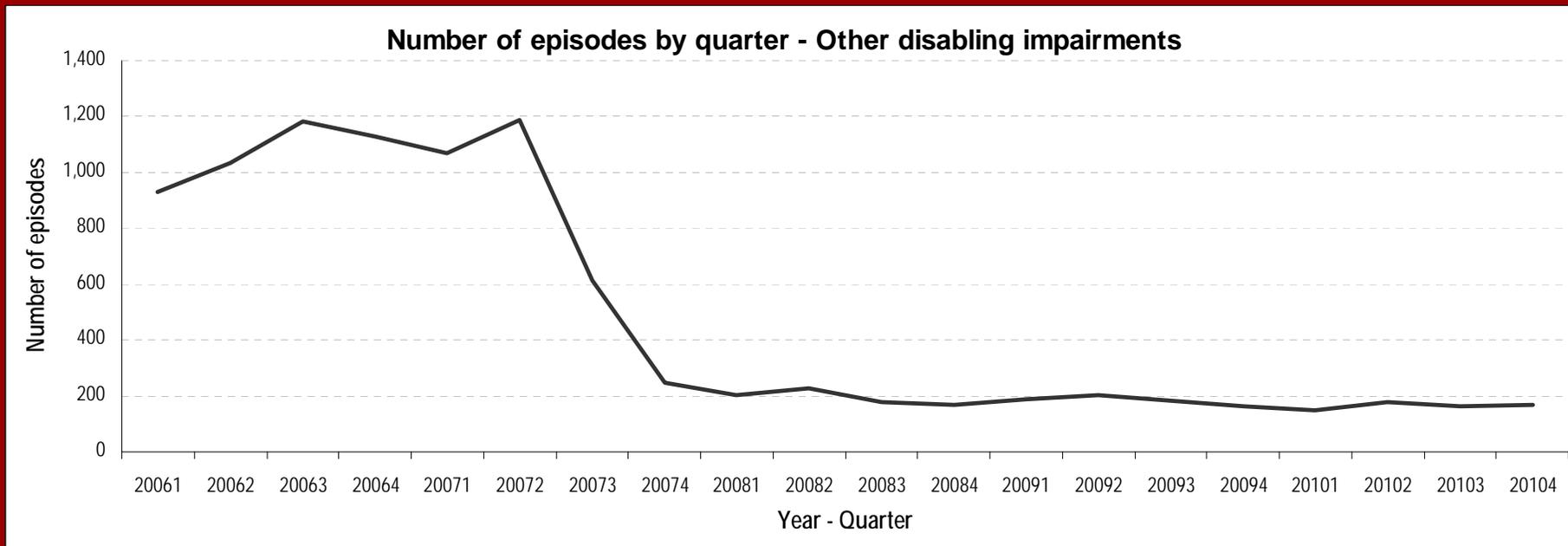


Change in outcome measures in MMT – 2009 to 2010

aroc



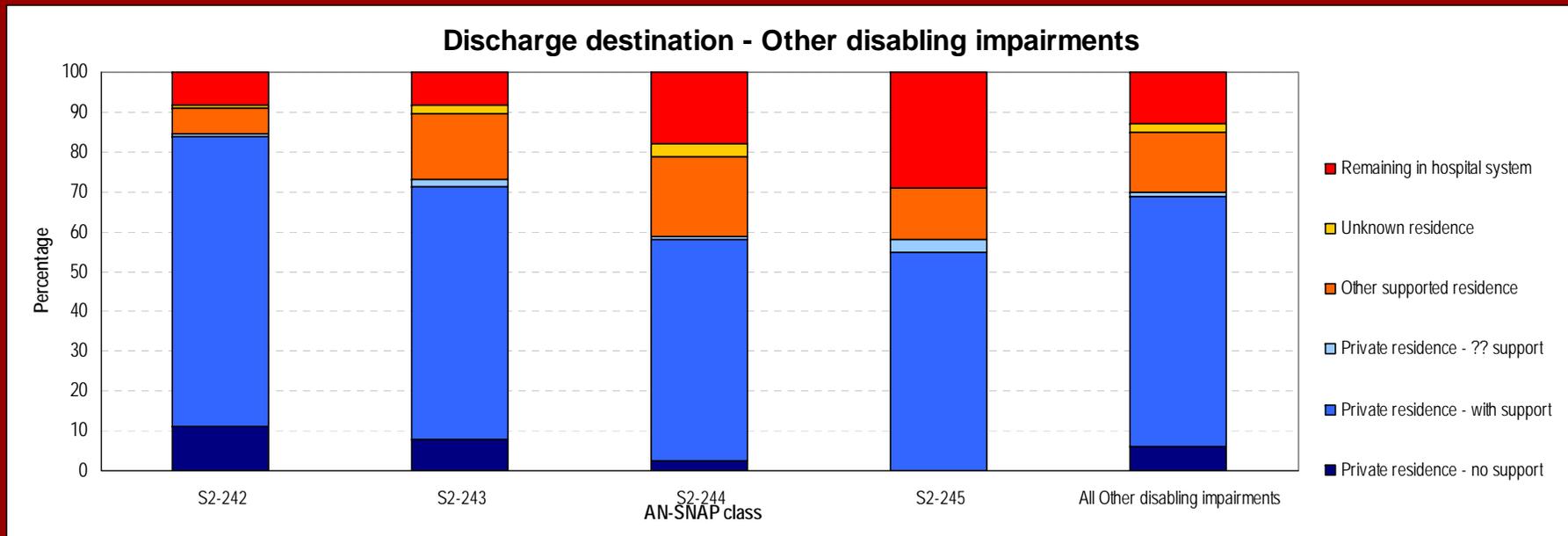
Change in other disabling impairment episodes over time



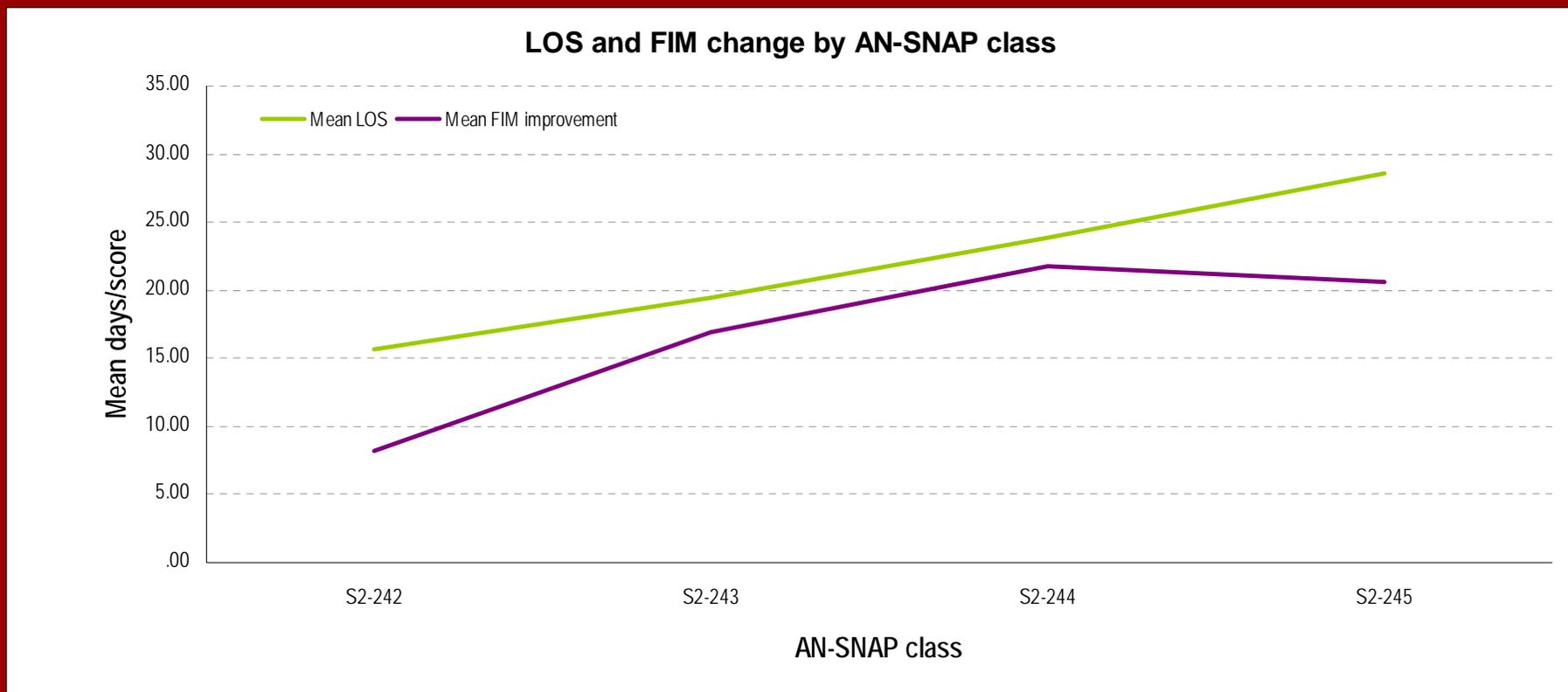
Other disabling impairment episodes in 2010

AN-SNAP class:	S2-242	S2-243	S2-244	S2-245	All Other disabling impairments
Number of episodes	155	228	244	31	658
Proportion of episodes	23.6%	34.7%	37.1%	4.7%	100.0%
Sector (%)					
<i>Private</i>	49.7	31.6	17.6	12.9	29.8
<i>Public</i>	50.3	68.4	82.4	87.1	70.2
Gender (%)					
<i>Female</i>	54.8	63.2	52.9	54.8	57.0
<i>Male</i>	45.2	36.8	47.1	45.2	43.0
Age (Mean+95%CI)	68.0 (65.2–70.7)	79.8 (78.0–81.5)	79.0 (77.3–80.7)	79.1 (74.4–83.9)	76.7 (75.5–77.8)
Admission FIM (Mean+95%CI)	98.6 (98.4–98.9)	82.9 (82.7–83.2)	66.5 (66.1–66.8)	45.2 (44.3–46.1)	83.3 (81.6–85.0)
LOS (Mean+95%CI)	15.7 (14.3–17.1)	19.5 (17.8–21.2)	23.9 (21.4–26.3)	28.6 (21.9–35.3)	20.4 (19.3–21.6)
Discharge destination (%)					
<i>Discharged to community</i>	91.6	91.7	82.0	71.0	87.1
<i>Remaining in hospital system</i>	8.4	8.3	18.0	29.0	12.9
FIM improvement (Mean+95%CI)	8.2 (7.0–9.3)	16.9 (15.5–18.2)	21.7 (19.7–23.8)	20.6 (12.2–29.0)	16.6 (15.5–17.6)
FIM efficiency (FIM imp./LOS)	0.5	0.9	0.9	0.7	0.8

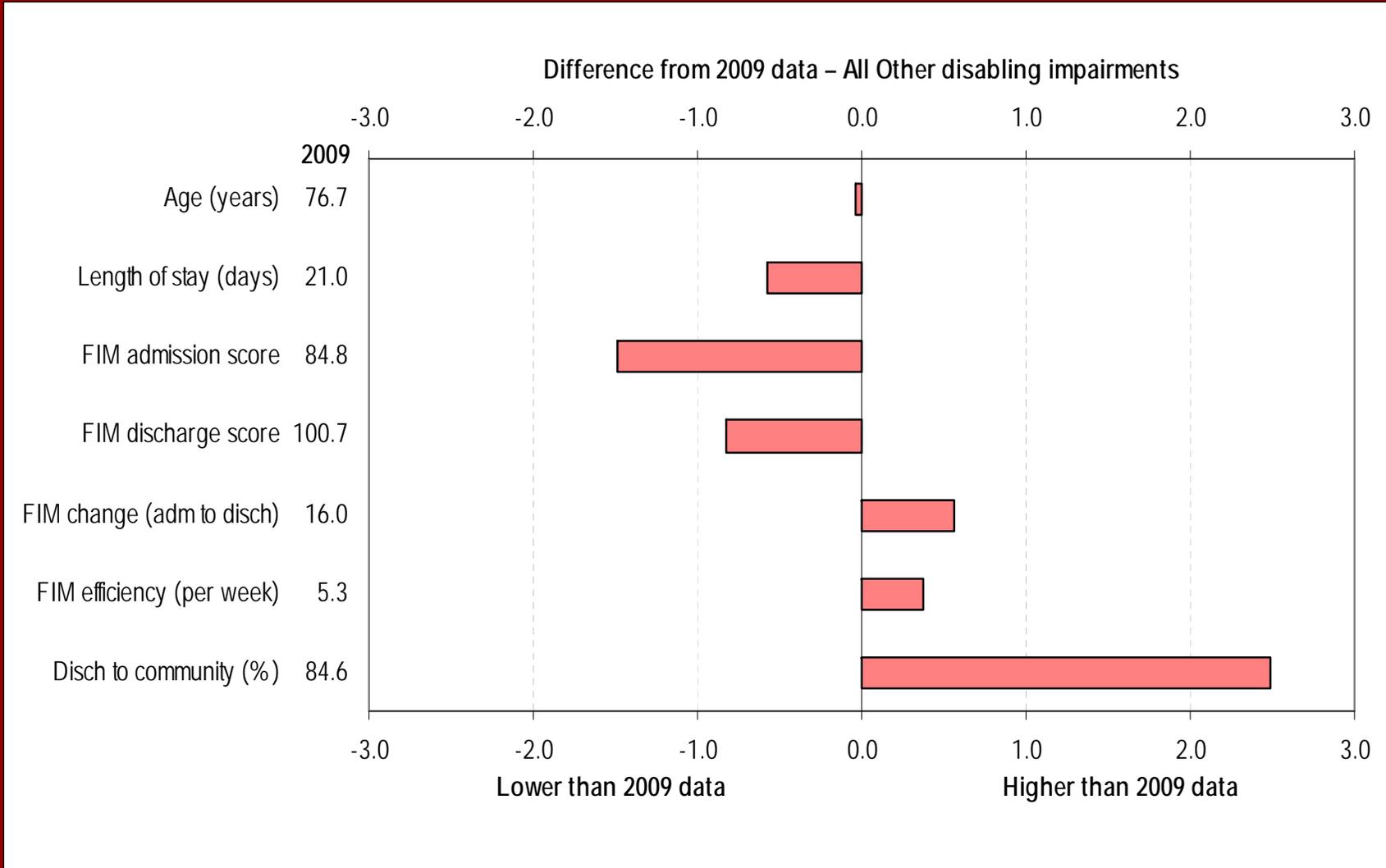
Other disabling impairment discharge destination by AN-SNAP class



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



Change in outcome measures in other disabling impairments – 2009 to 2010



The logo for AROC, consisting of the lowercase letters 'aroc' in a black, italicized serif font, enclosed within a white oval shape with a dark red border.

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