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The AROC Annual Report:
the state of rehabilitation
in Australia in 2009

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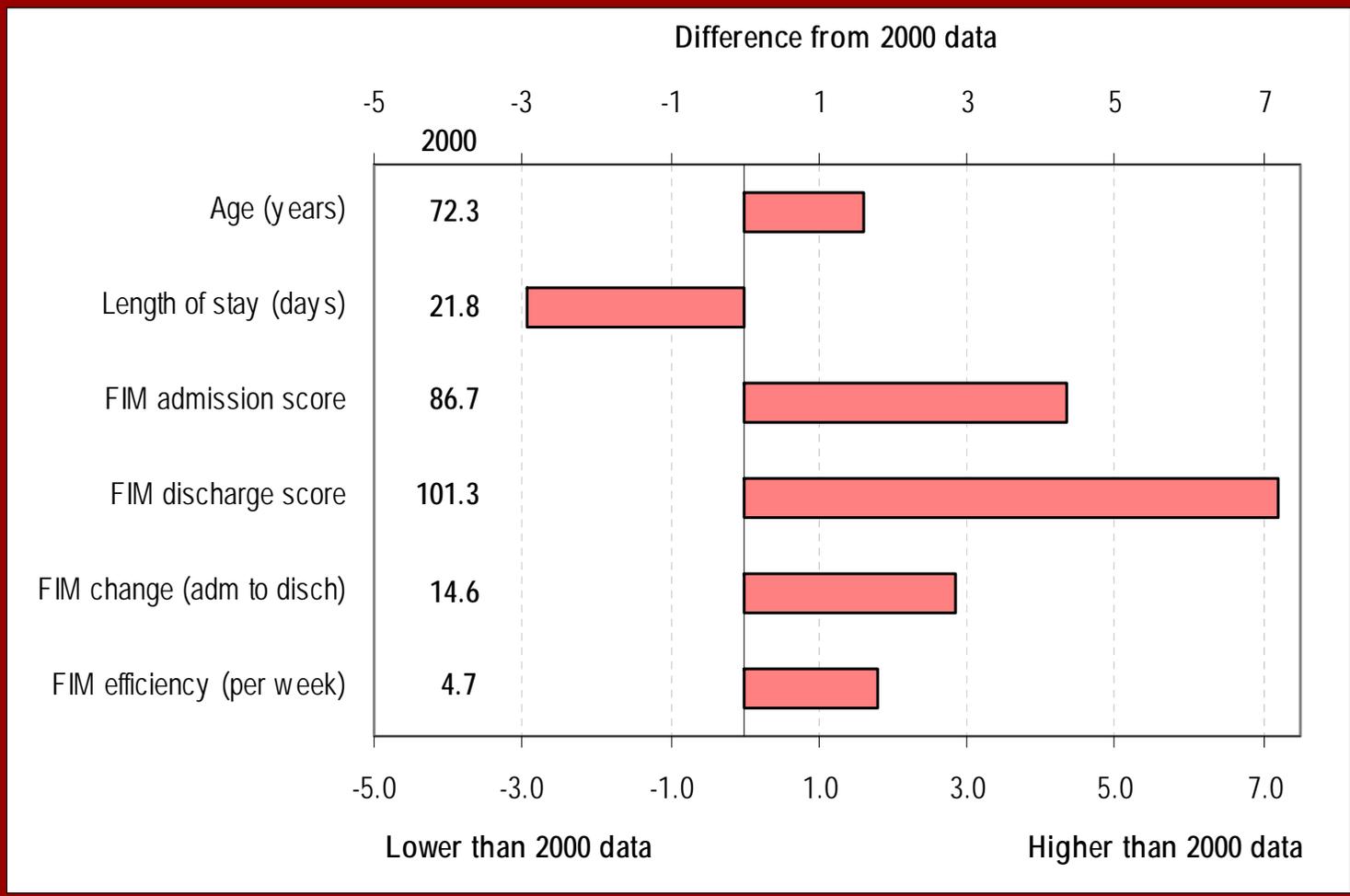
Introduction

This is the fifth 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.

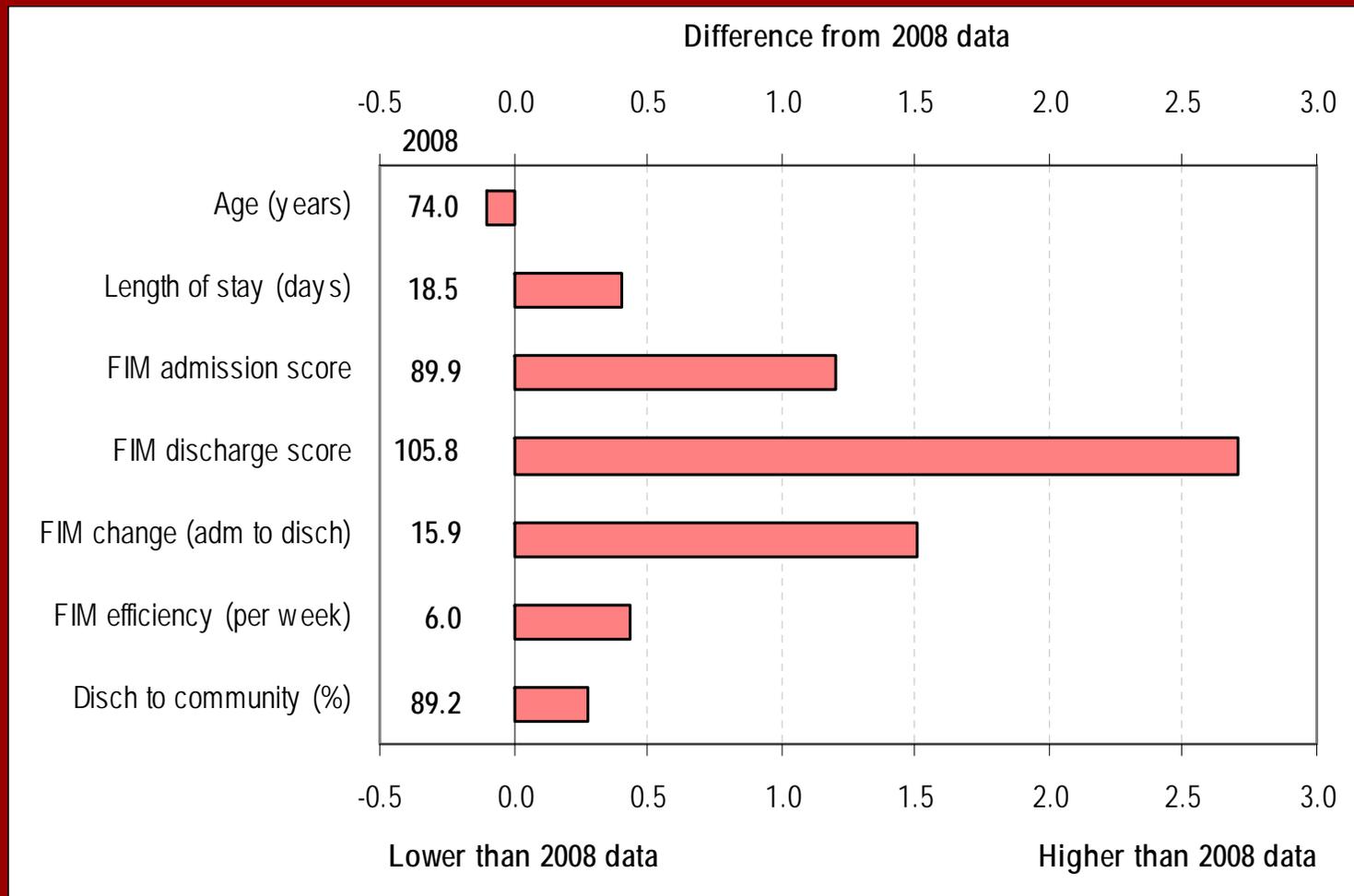
The inaugural report was published in April 2007 and described the 2005 data; this fifth instalment describes the 2009 data.

The provision of rehabilitation in Australia continues to grow in volume, with 2008 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.

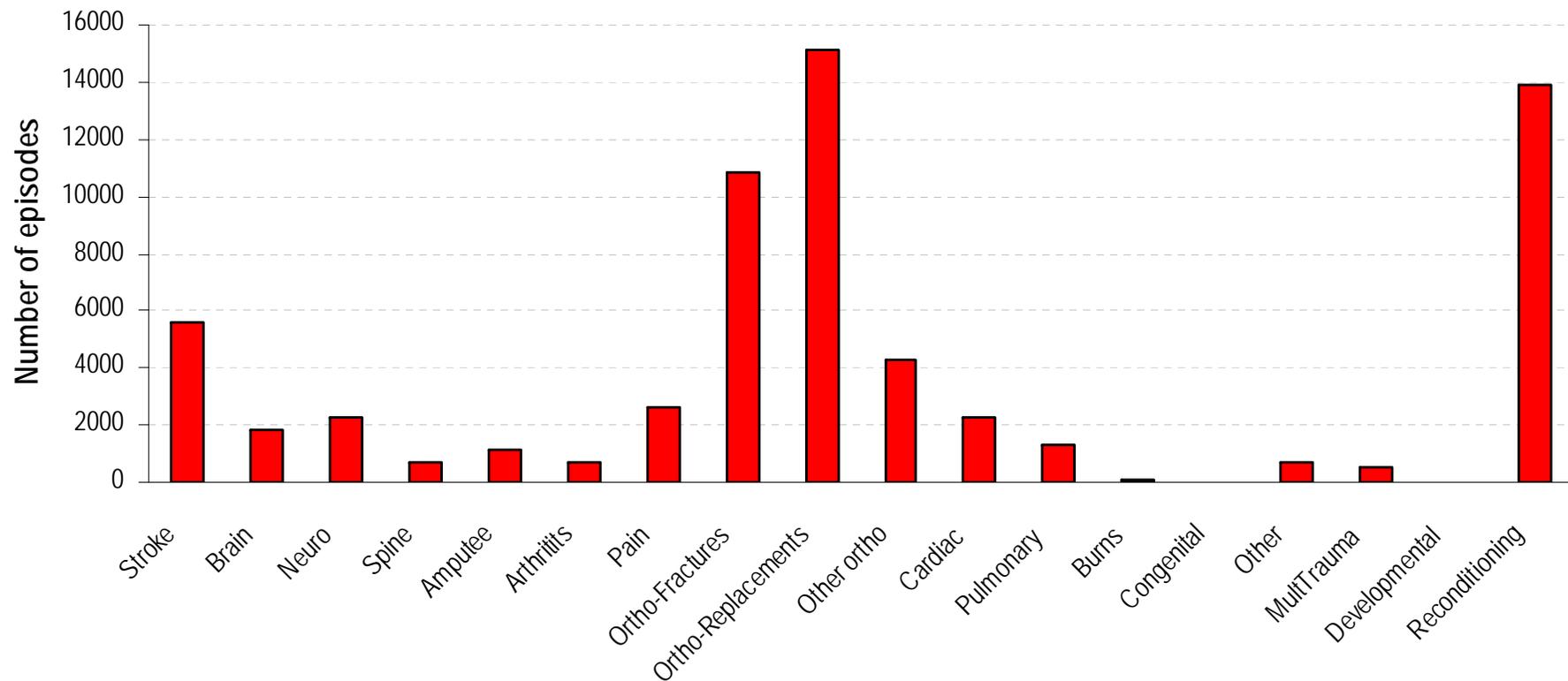
Change in outcome measures, 2000 to 2009



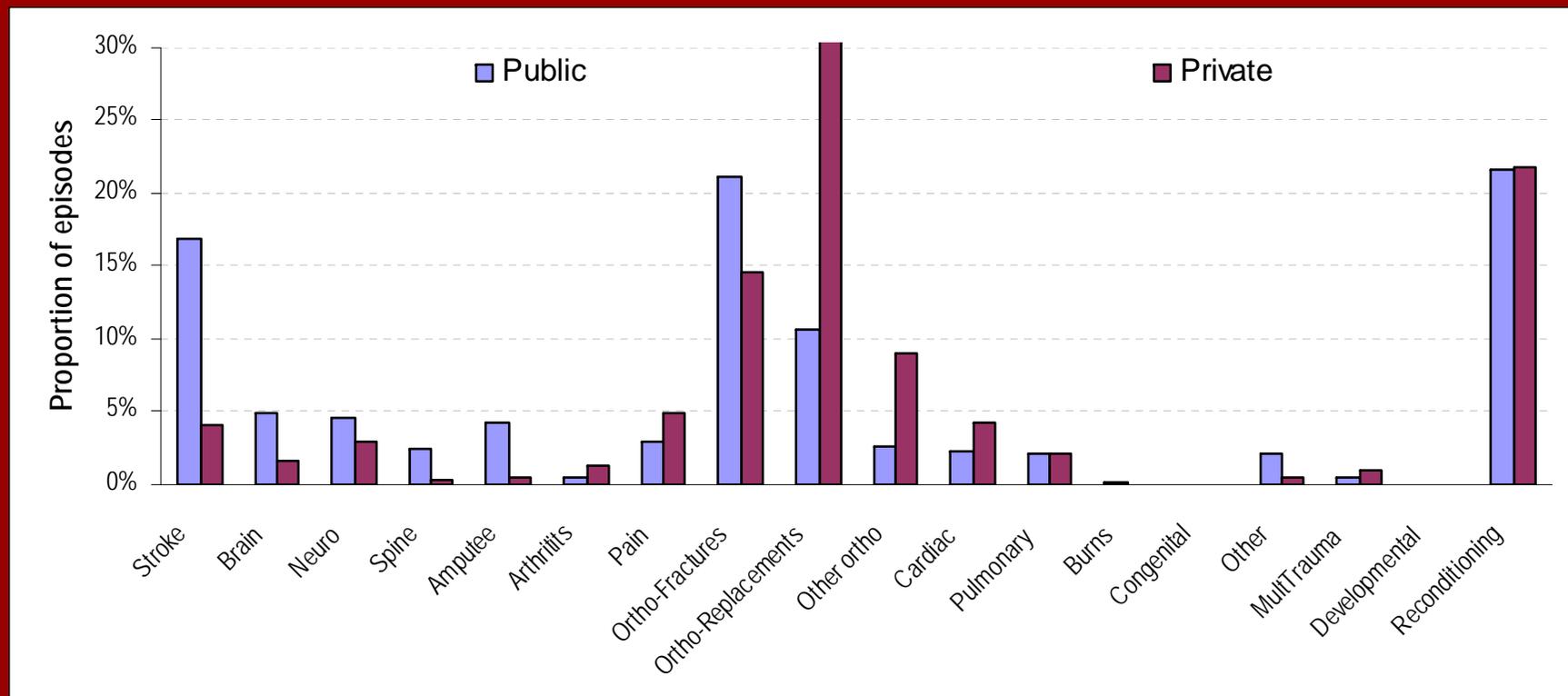
Change in outcome measures, 2008 to 2009



Number of episodes by impairment group, 2009

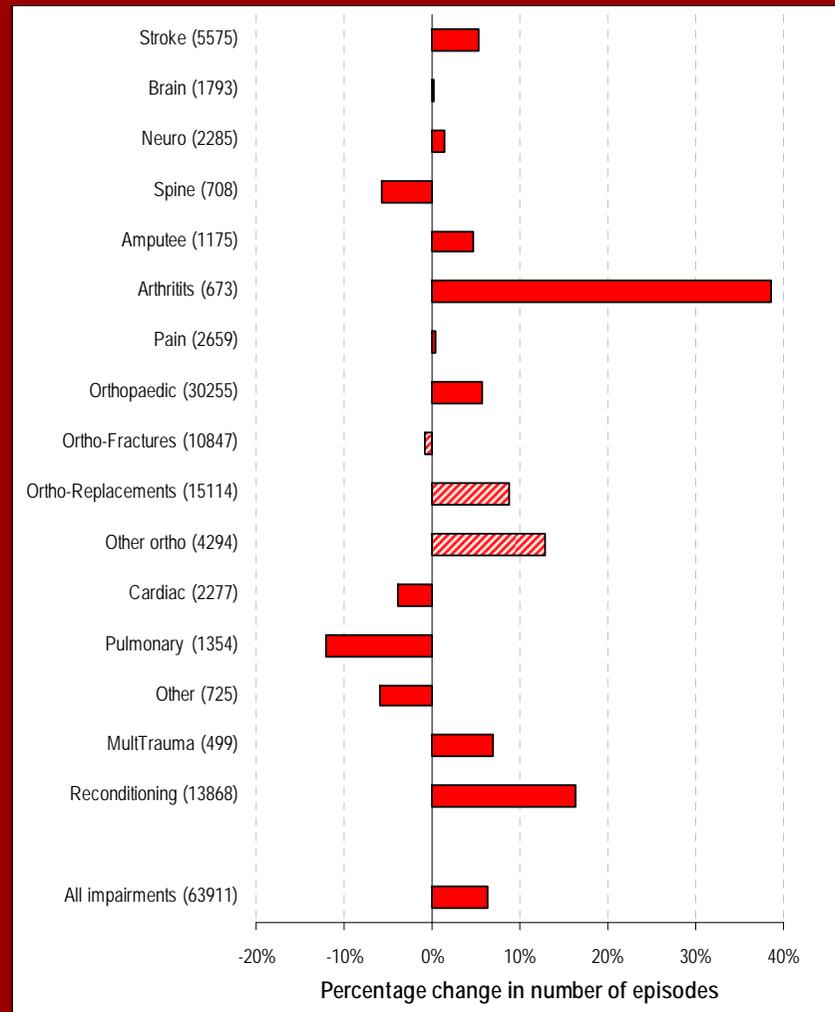


Proportion of episodes by impairment group and sector, 2009

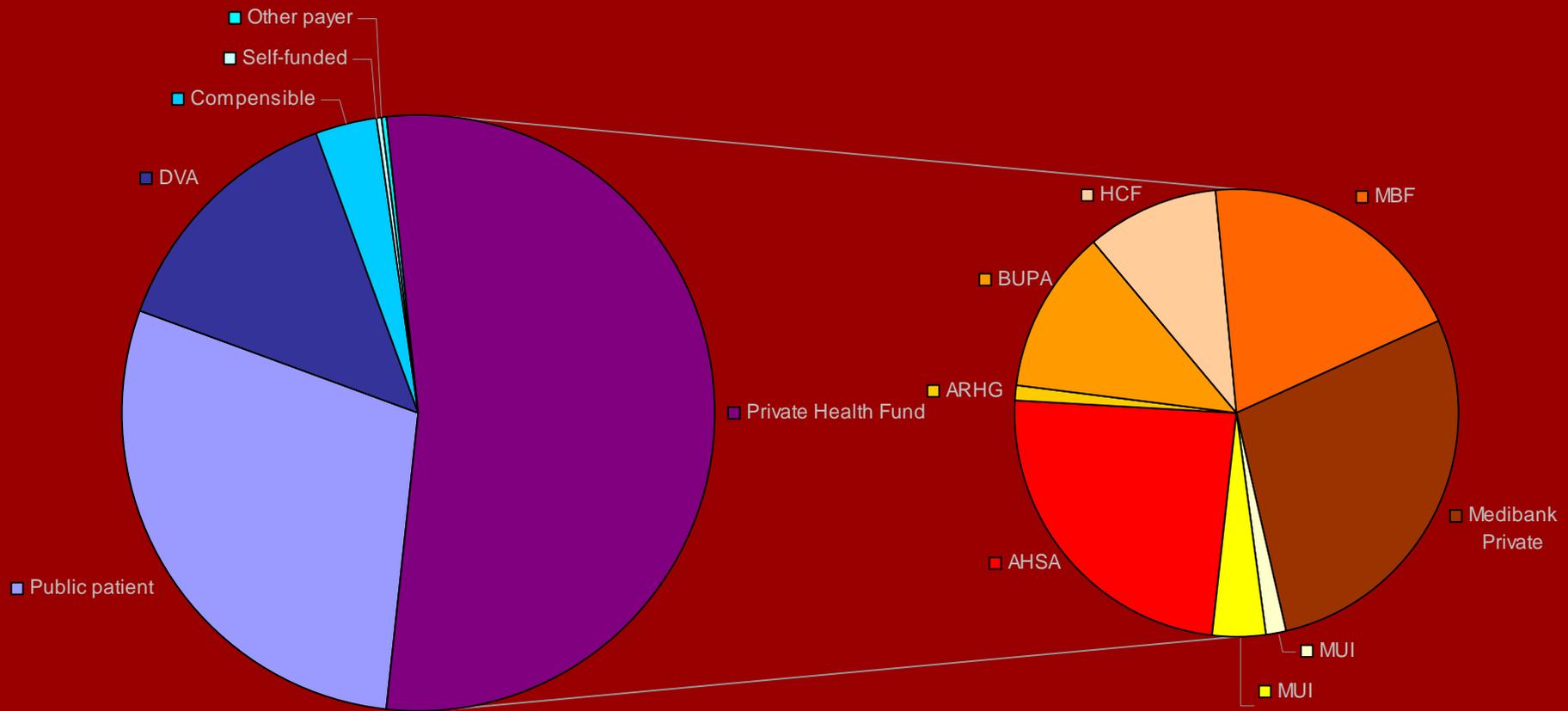


Change in number of episodes by impairment group, 2008 to 2009

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Funding source for rehabilitation in Australia, 2009

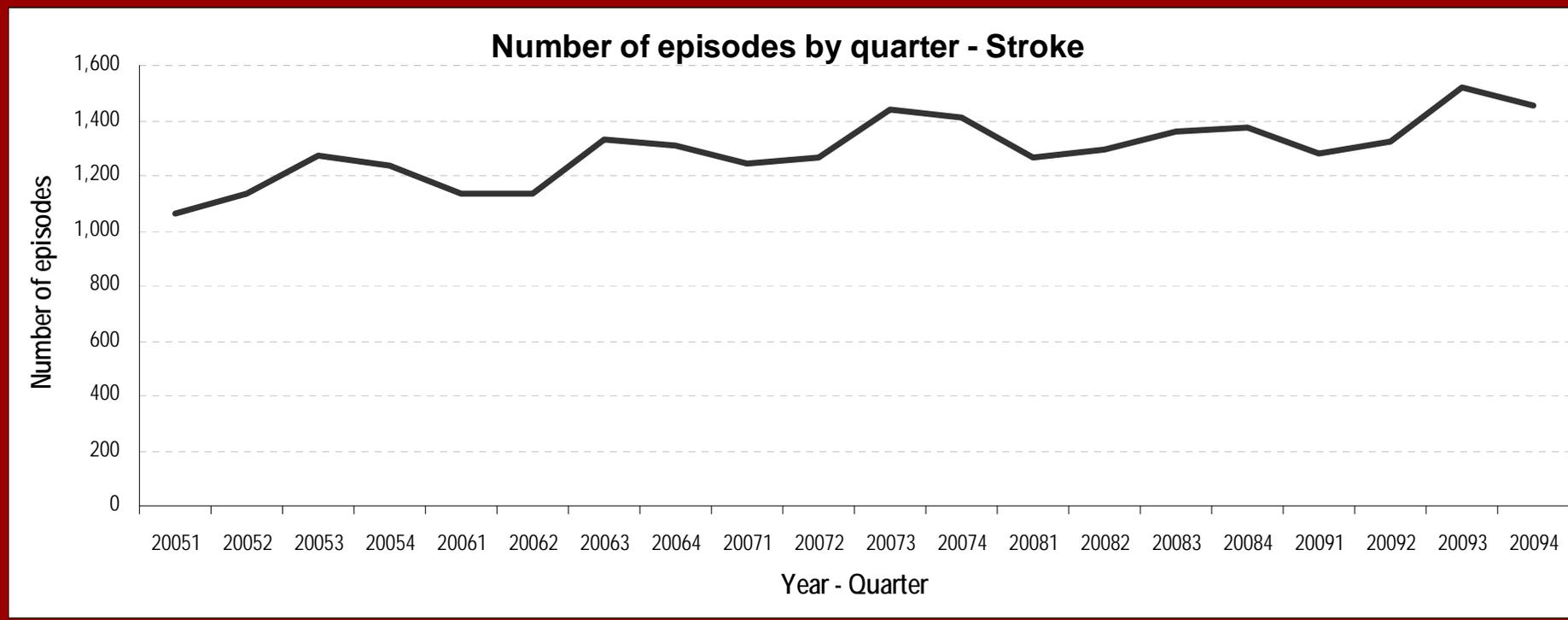


Outcomes by impairment

A series of figures and tables are provided for each impairment category; these outline the key descriptive data for 2009, changes in episode volumes between 2005 and 2009, and changes in rehabilitation outcome measures between 2008 and 2009:

- 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 2009 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 2009 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 2008 and 2009. The horizontal axis describes the difference between the 2008 and 2009 averages, while the actual 2008 data are presented on the left side of the graph.

Change in stroke episodes over time

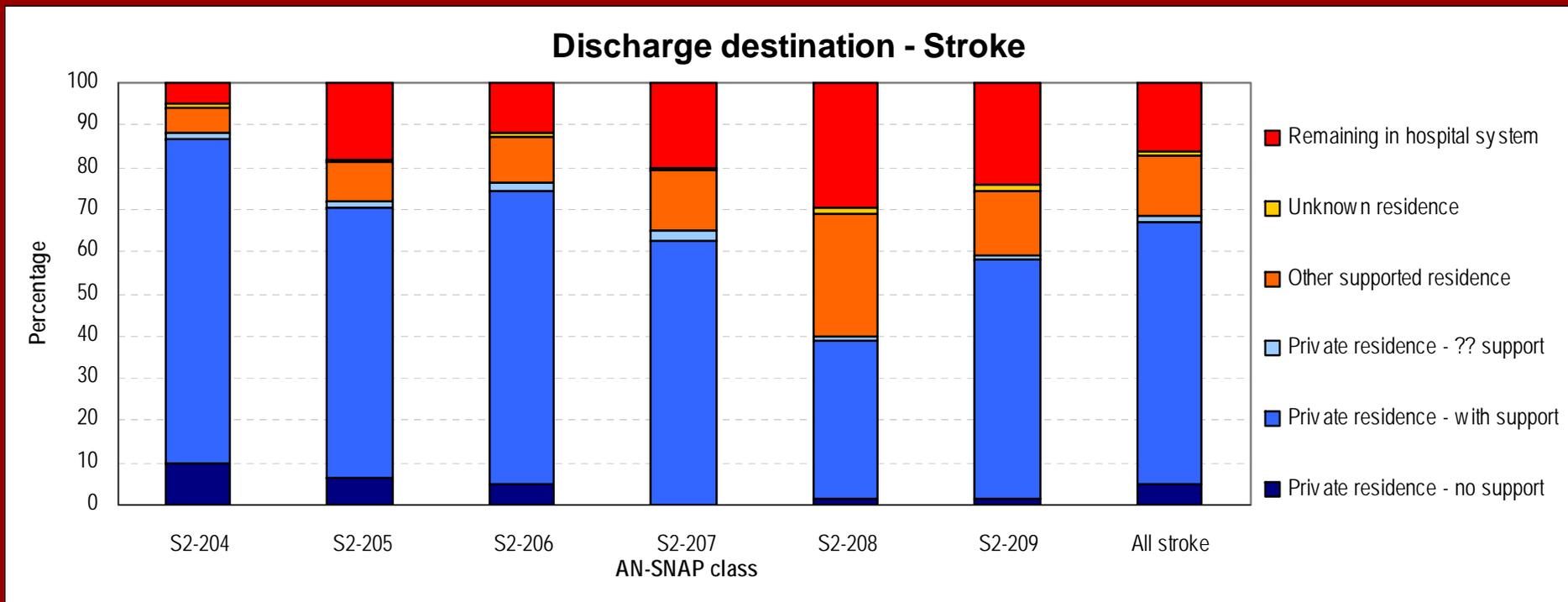


Stroke episodes in 2009

AN-SNAP class:	S2-204	S2-205	S2-206	S2-207	S2-208	S2-209	All stroke
Number of episodes	1,635	192	1,422	115	1,181	1,030	5,575
Proportion of episodes	29.3%	3.4%	25.5%	2.1%	21.2%	18.5%	100.0%
Sector (%)							
<i>Private</i>	37.4	25.5	38.0	22.6	24.9	14.0	29.9
<i>Public</i>	62.6	74.5	62.0	77.4	75.1	86.0	70.1
Gender (%)							
<i>Female</i>	42.1	33.9	50.8	44.3	55.2	40.9	46.6
<i>Male</i>	57.9	66.1	49.2	55.7	44.8	59.1	53.4
Age (Mean+95%CI)	70.6 (69.9–71.3)	70.1 (68.3–72.0)	74.7 (74.0–75.4)	73.8 (71.7–75.9)	83.0 (82.7–83.3)	61.8 (61.1–62.4)	72.7 (72.3–73.0)
Admission FIM (Mean+95%CI)	104.4 (104.0–104.9)	88.9 (87.4–90.4)	83.1 (82.7–83.5)	66.0 (65.0–67.0)	53.3 (52.4–54.3)	53.2 (52.2–54.2)	79.5 (78.8–80.2)
LOS (Mean+95%CI)	16.5 (15.9–17.0)	30.4 (24.3–36.5)	24.0 (23.3–24.8)	30.1 (26.4–33.7)	38.5 (36.9–40.1)	53.9 (51.5–56.3)	29.6 (28.8–30.3)
Discharge destination (%)							
<i>Discharged to community</i>	95.3	81.8	88.3	80.0	70.6	75.7	83.9
<i>Remaining in hospital system</i>	4.7	18.2	11.7	20.0	29.4	24.3	16.1
FIM improvement (Mean+95%CI)	11.9 (11.5–12.3)	17.2 (15.6–18.8)	23.1 (22.5–23.7)	26.4 (23.4–29.4)	26.1 (24.9–27.4)	35.7 (34.3–37.1)	21.9 (21.5–22.4)
FIM efficiency (FIM imp./LOS)	0.7	0.6	1.0	0.9	0.7	0.7	0.7

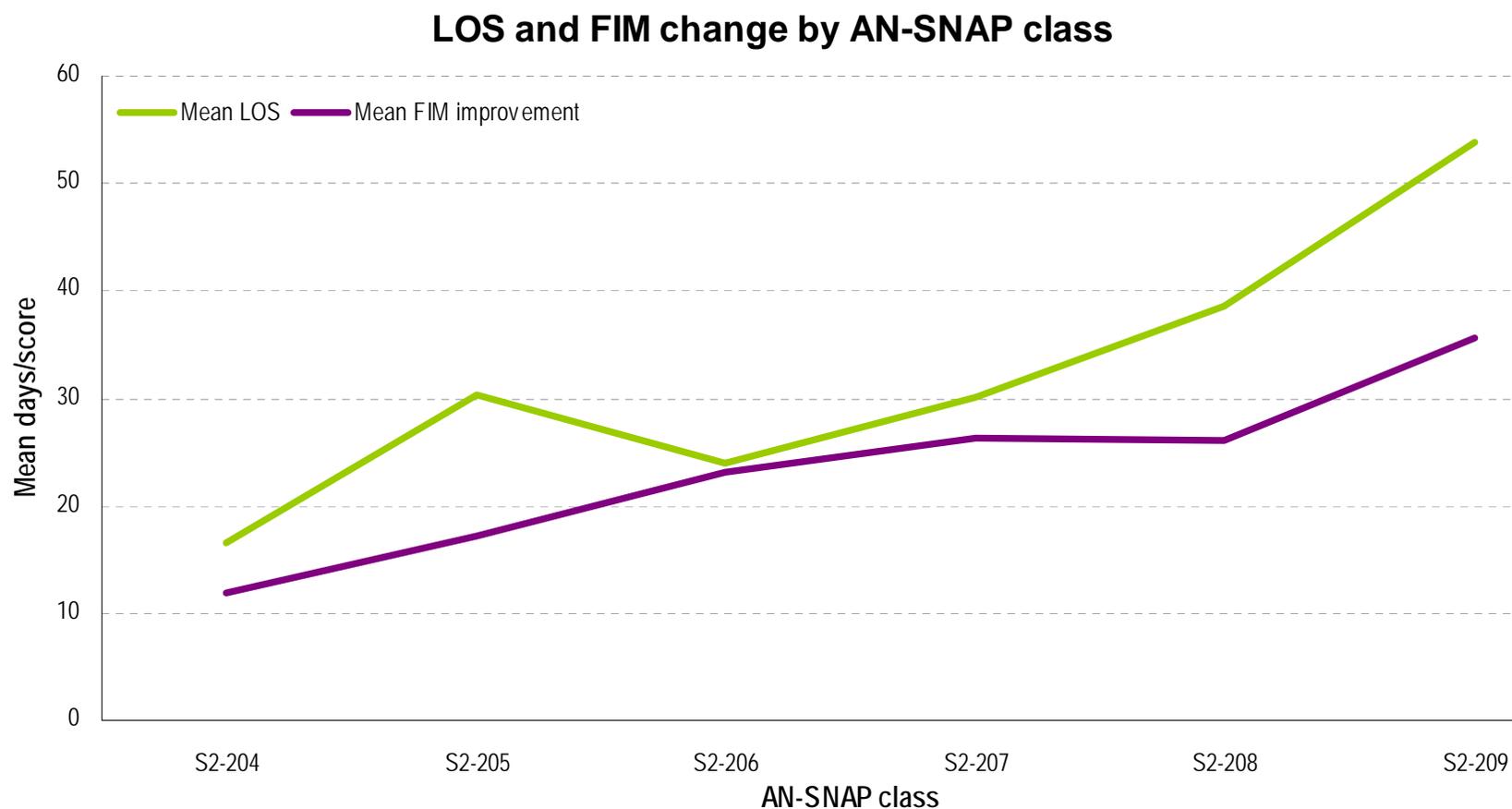
Stroke discharge destination by AN-SNAP class

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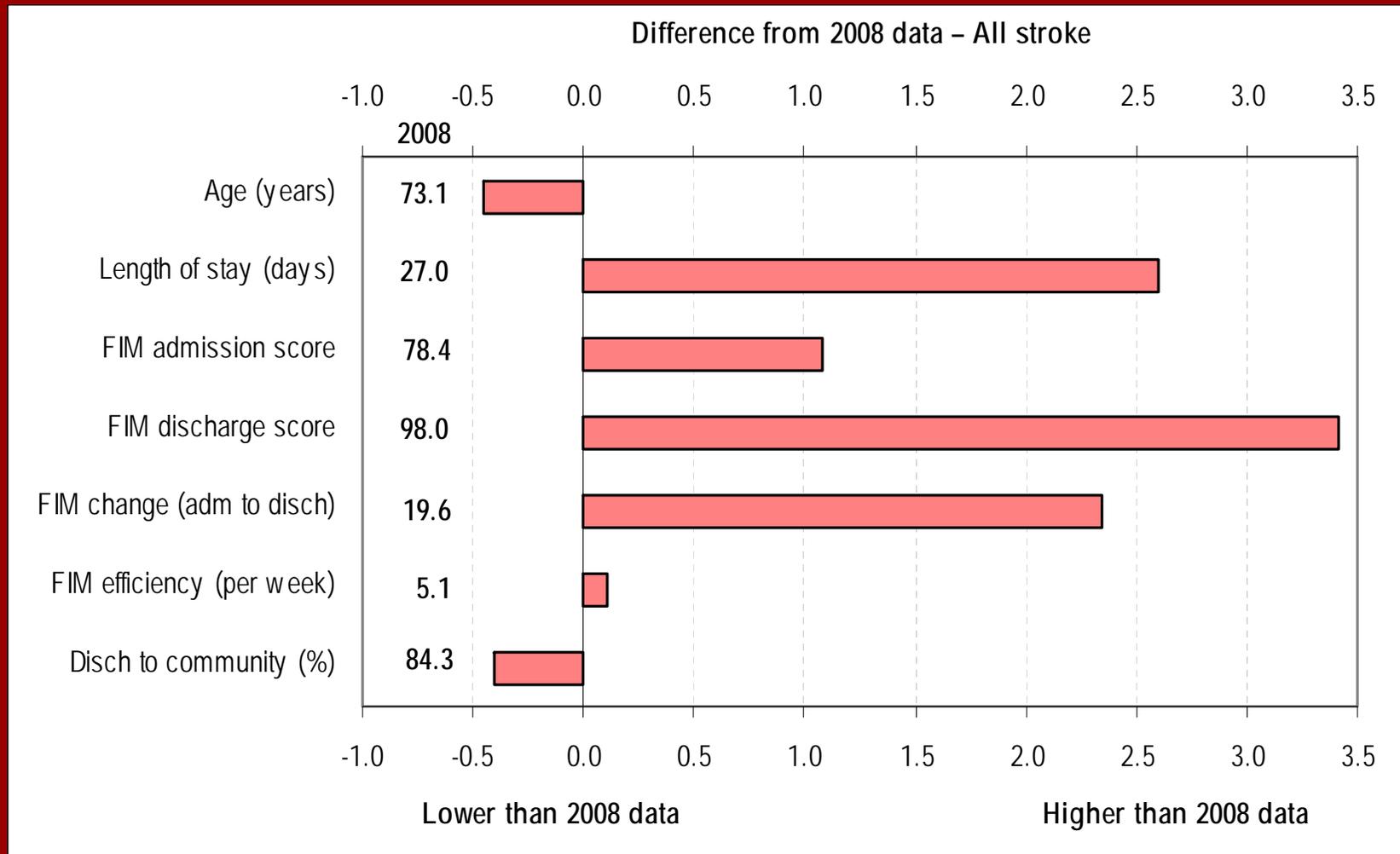


Stroke LOS and FIM change by AN-SNAP class

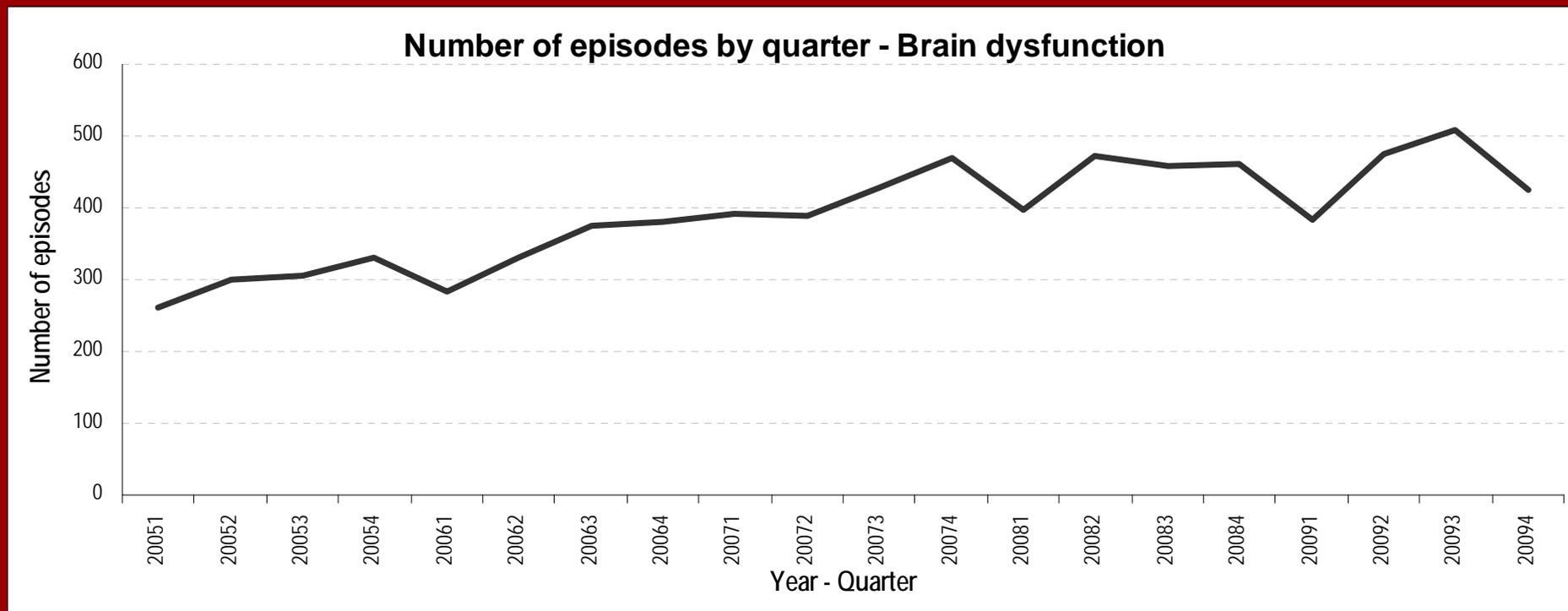
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Changes in outcome measures in stroke – 2008 to 2009



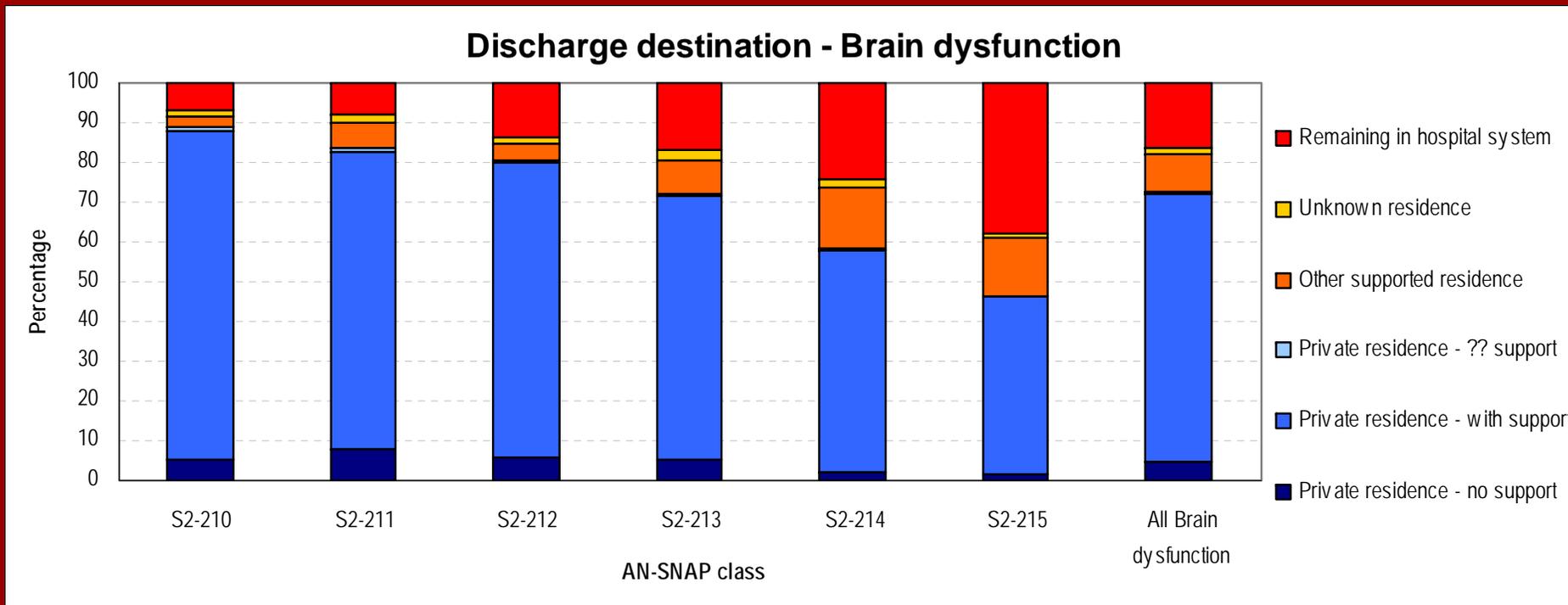
Change in brain dysfunction episodes over time *aroc*



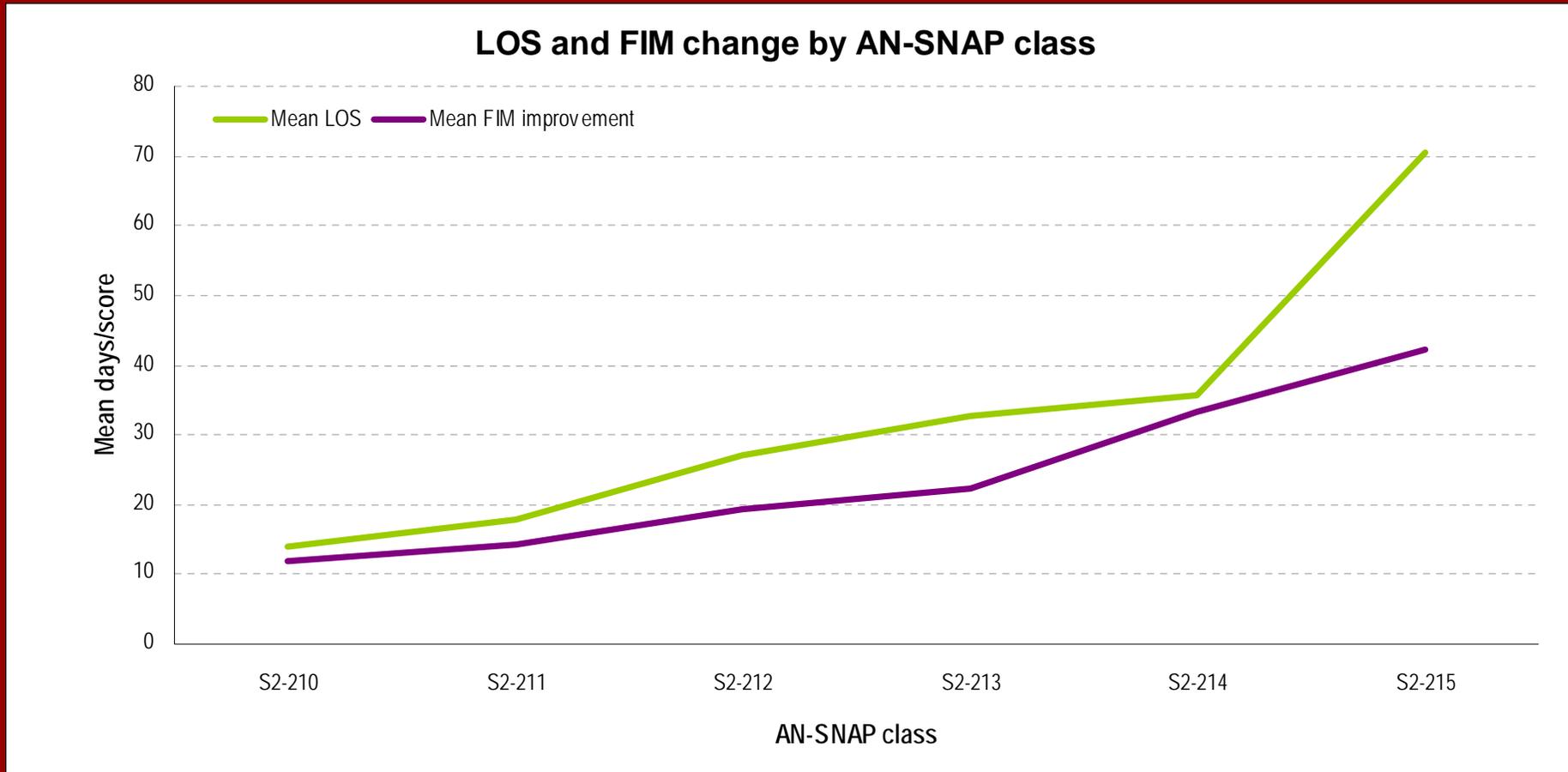
Brain dysfunction episodes in 2009

AN-SNAP class:	S2-210	S2-211	S2-212	S2-213	S2-214	S2-215	All Brain dysfunction
Number of episodes	299	480	153	189	543	129	1,793
Proportion of episodes	16.7%	26.8%	8.5%	10.5%	30.3%	7.2%	100.0%
Sector (%)							
<i>Private</i>	65.6	37.7	16.3	13.2	34.4	20.9	35.8
<i>Public</i>	34.4	62.3	83.7	86.8	65.6	79.1	64.2
Gender (%)							
<i>Female</i>	42.1	46.3	27.5	23.3	45.7	39.5	40.9
<i>Male</i>	57.9	53.8	72.5	76.7	54.3	60.5	59.1
Age (Mean+95%CI)	61.3 (58.9–63.8)	59.0 (57.1–60.9)	53.9 (51.0–56.8)	52.2 (49.4–55.0)	63.8 (62.1–65.6)	54.3 (50.8–57.9)	59.4 (58.4–60.3)
Admission FIM (Mean+95%CI)	107.3 (106.2–108.5)	110.0 (99.9–102.0)	93.8 (91.8–95.9)	85.3 (83.3–87.2)	64.0 (62.6–65.3)	31.8 (30.1–33.6)	86.0 (84.7–87.2)
LOS (Mean+95%CI)	14.1 (12.8–15.4)	17.9 (16.6–19.3)	27.0 (21.5–32.6)	32.8 (26.6–39.0)	35.8 (32.6–39.0)	70.4 (54.7–86.0)	27.3 (25.6–28.9)
Discharge destination (%)							
<i>Discharged to community</i>	93.0	92.1	86.3	83.1	75.7	62.0	83.7
<i>Remaining in hospital system</i>	7.0	7.9	13.7	16.9	24.3	38.0	16.3
FIM improvement (Mean+95%CI)	12.0 (11.1–12.9)	14.3 (13.3–15.2)	19.4 (17.3–21.5)	22.4 (19.8–24.9)	33.2 (31.1–35.2)	42.3 (35.3–49.3)	21.8 (20.9–22.8)
FIM efficiency (FIM imp./LOS)	0.8	0.8	0.7	0.7	0.9	0.6	0.8

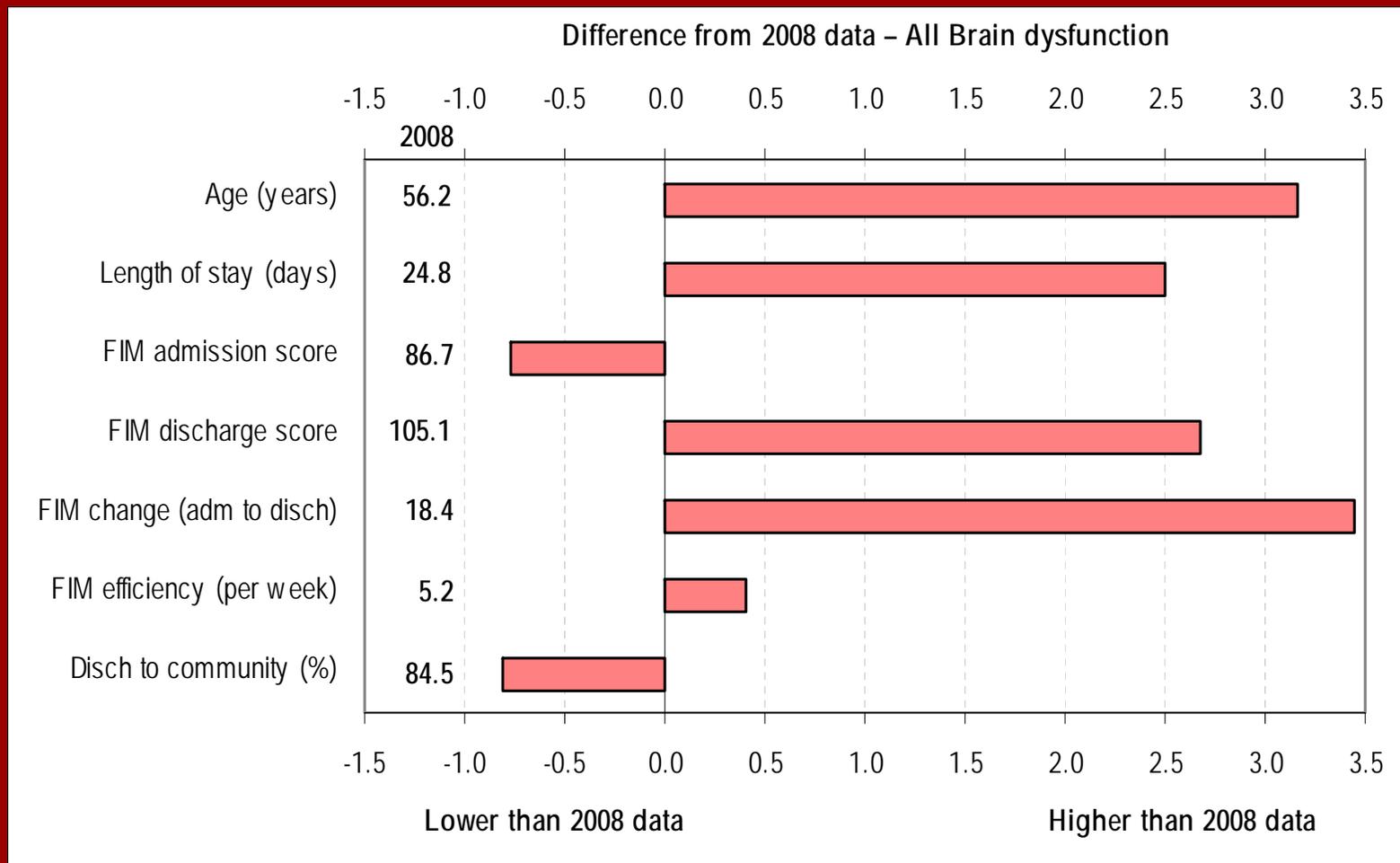
Brain dysfunction discharge destination by AN-SNAP class



Brain dysfunction LOS and FIM change by AN-SNAP class *aroc*

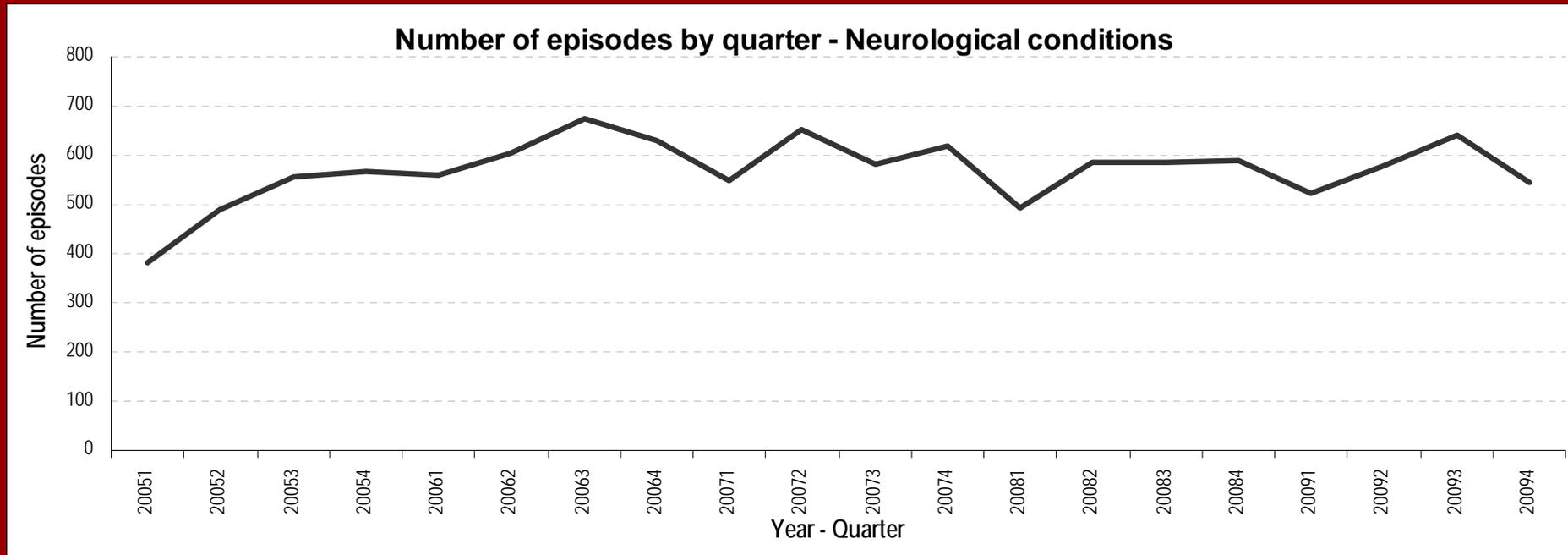


Change in outcome measures *aroc* in brain dysfunction – 2008 to 2009



Change in neurological conditions episodes over time

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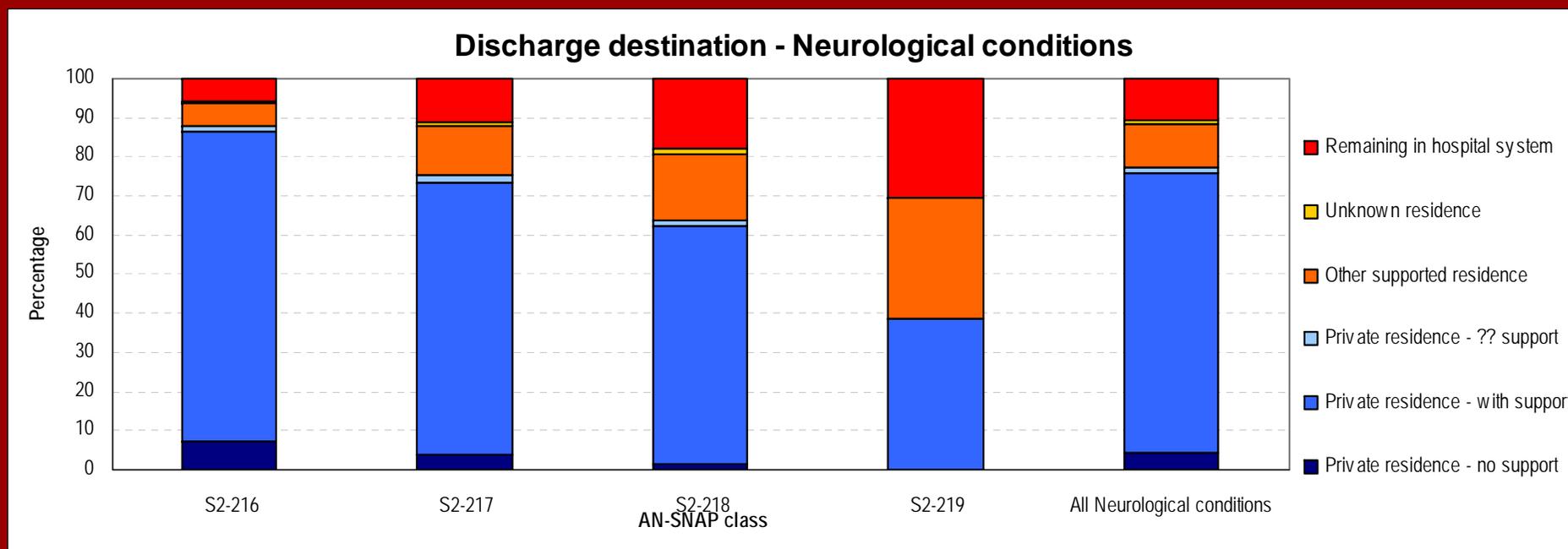


Neurological conditions episodes in 2009

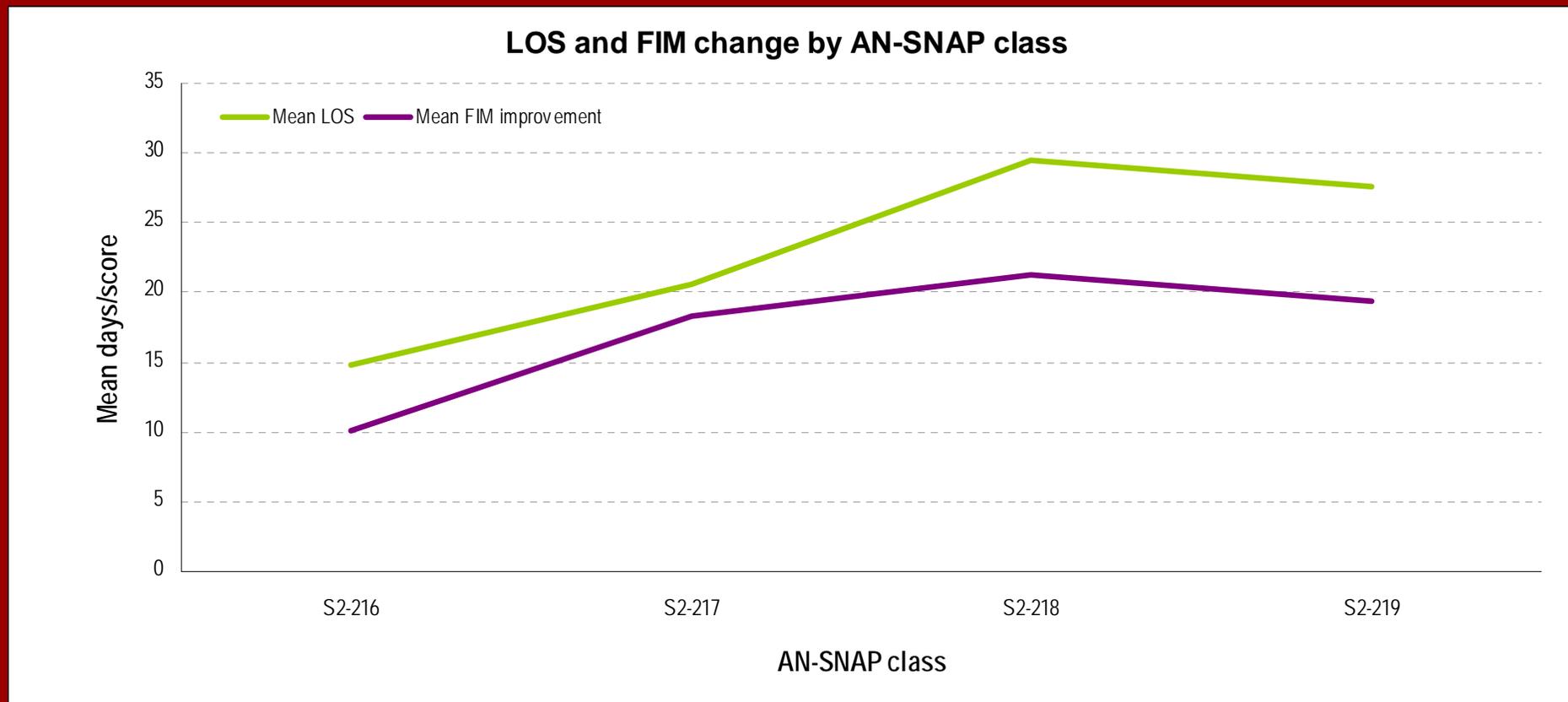


AN-SNAP class:	S2-216	S2-217	S2-218	S2-219	All Neurological conditions
Number of episodes	1,013	626	610	36	2,285
Proportion of episodes	44.3%	27.4%	26.7%	1.6%	100.0%
Sector (%)					
<i>Private</i>	60.6	54.0	38.7	41.7	52.6
<i>Public</i>	39.4	46.0	61.3	58.3	47.4
Gender (%)					
<i>Female</i>	53.7	54.6	49.5	44.4	52.7
<i>Male</i>	46.3	45.4	50.5	55.6	47.3
Age (Mean+95%CI)	64.4 (63.3–65.4)	70.1 (68.9–71.4)	67.1 (65.8–68.4)	63.9 (58.2–69.5)	66.7 (66.0–67.4)
Admission FIM (Mean+95%CI)	105.2 (104.6–105.8)	84.6 (84.0–85.2)	61.6 (60.4–62.7)	32.8 (28.9–36.7)	88.2 (87.2–89.1)
LOS (Mean+95%CI)	14.9 (14.2–15.5)	20.6 (19.5–21.7)	29.5 (27.5–31.5)	27.6 (18.3–36.9)	20.1 (19.4–20.8)
Discharge destination (%)					
<i>Discharged to community</i>	94.4	88.8	82.0	69.4	89.1
<i>Remaining in hospital system</i>	5.6	11.2	18.0	30.6	10.9
FIM improvement (Mean+95%CI)	10.1 (9.6–10.5)	18.3 (17.4–19.2)	21.3 (19.7–22.9)	19.4 (9.0–29.8)	15.2 (14.6–15.7)
FIM efficiency (FIM imp./LOS)	0.7	0.9	0.7	0.7	0.8

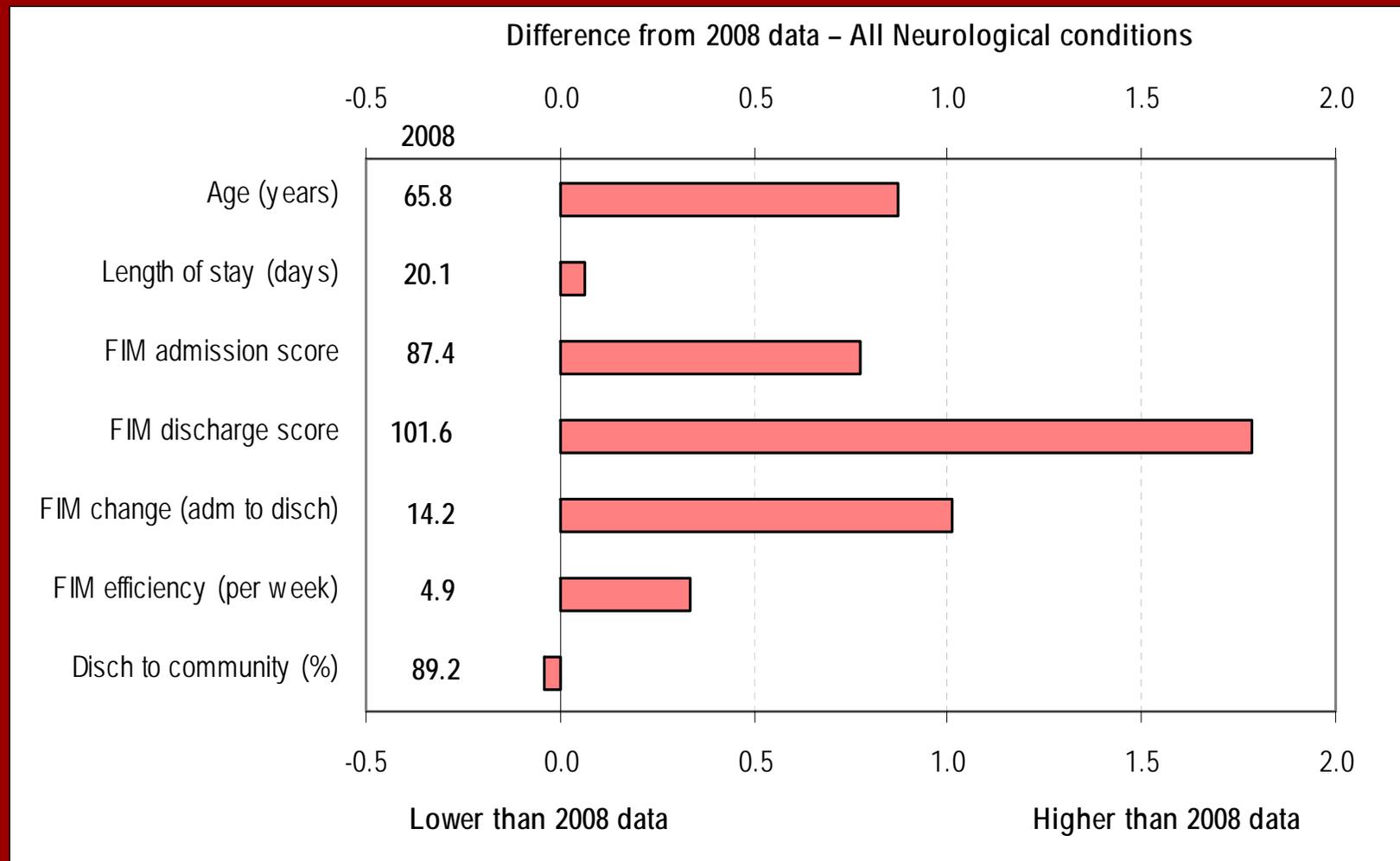
Neurological conditions discharge destination by AN-SNAP class



Neurological conditions LOS and FIM change by AN-SNAP class *aroc*

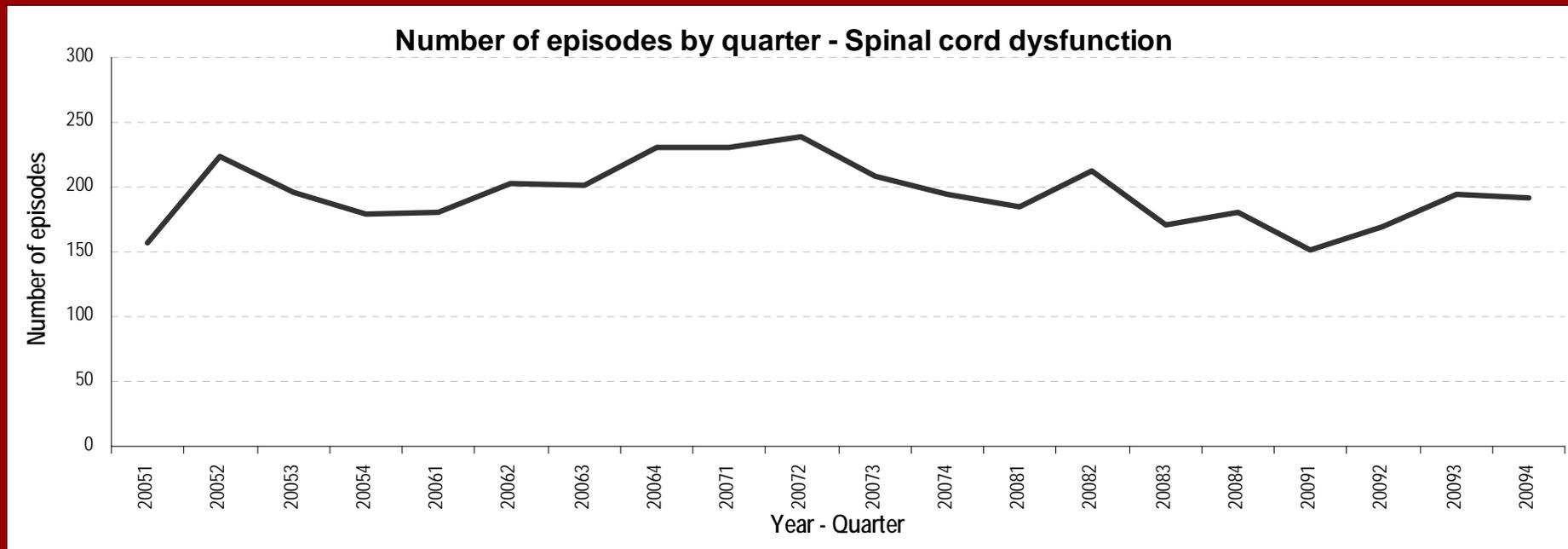


Change in outcome measures in neurological conditions - 2008 to 2009



Change in spinal cord dysfunction episodes over time

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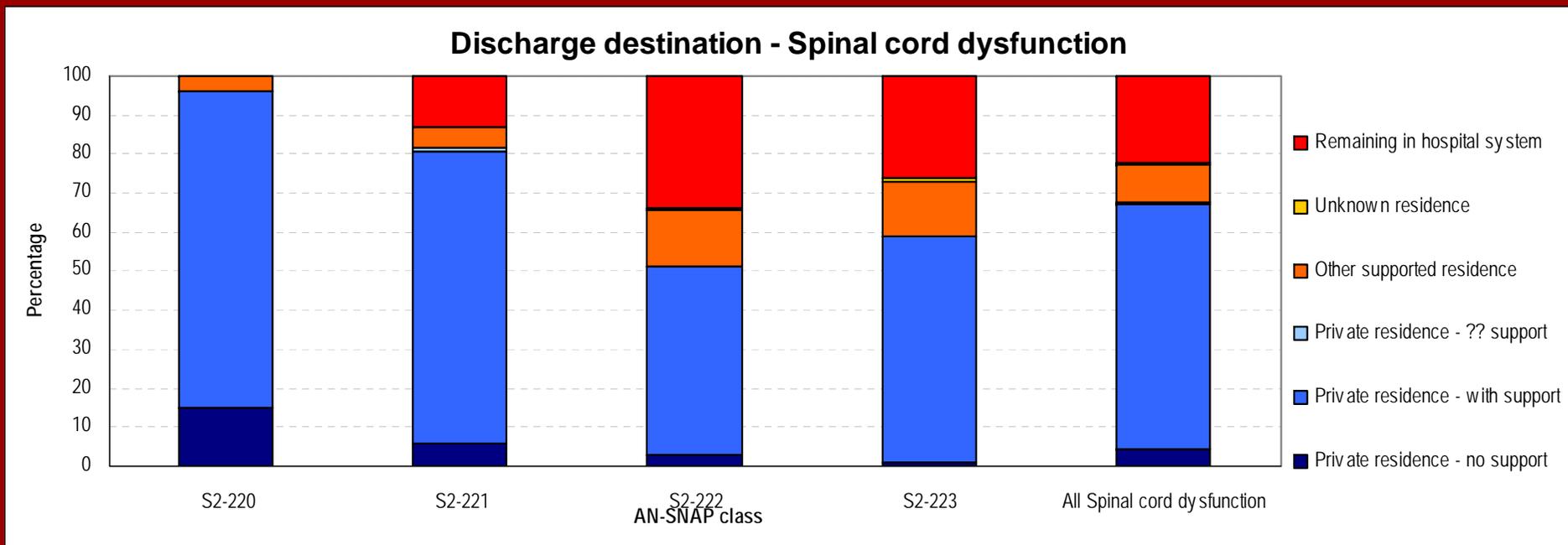


Spinal cord dysfunction episodes in 2009



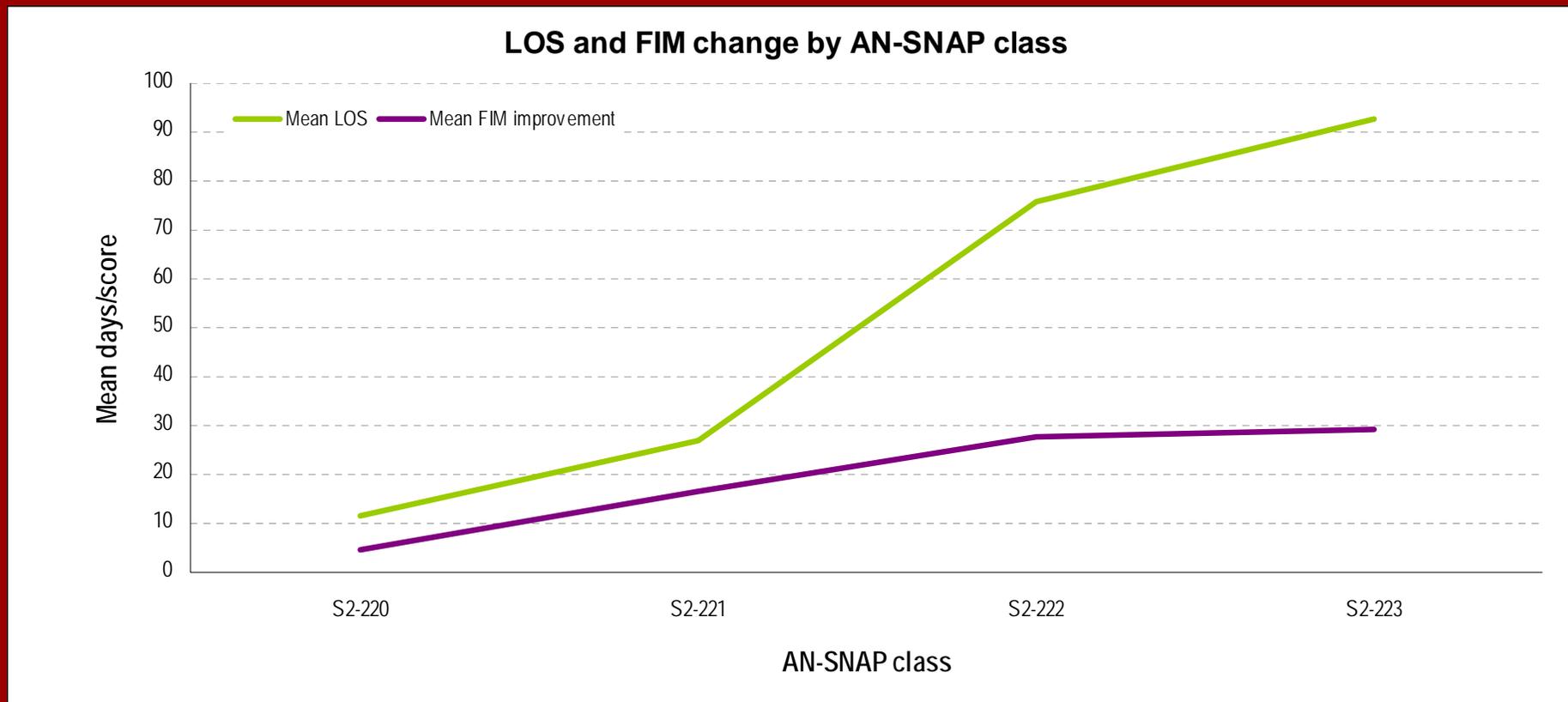
AN-SNAP class:	S2-220	S2-221	S2-222	S2-223	All Spinal cord dysfunction
Number of episodes	27	318	275	88	708
Proportion of episodes	3.8%	44.9%	38.8%	12.4%	100.0%
Sector (%)					
<i>Private</i>	40.7	33.3	9.1	4.5	20.6
<i>Public</i>	59.3	66.7	90.9	95.5	79.4
Gender (%)					
<i>Female</i>	25.9	43.7	36.7	18.2	37.1
<i>Male</i>	74.1	56.3	63.3	81.8	62.9
Age (Mean+95%CI)	54.0 (46.4–61.5)	58.8 (56.7–61.0)	62.9 (61.2–64.6)	24.1 (23.1–25.1)	55.9 (54.4–57.4)
Admission FIM (Mean+95%CI)	118.8 (117.4–120.3)	96.3 (95.1–97.6)	63.4 (62.0–64.9)	61.9 (59.6–64.1)	82.6 (80.9–84.3)
LOS (Mean+95%CI)	11.4 (8.7–14.2)	26.9 (23.6–30.2)	75.8 (65.6–86.1)	32.8 (78.6–106.9)	49.9 (45.2–54.6)
Discharge destination (%)					
<i>Discharged to community</i>	100.0	87.1	66.2	73.9	77.8
<i>Remaining in hospital system</i>	0.0	12.9	33.8	26.1	22.2
FIM improvement (Mean+95%CI)	4.6 (3.1–6.0)	16.4 (15.2–17.7)	27.6 (24.7–30.4)	29.4 (23.9–34.9)	21.0 (19.6–22.5)
FIM efficiency (FIM imp./LOS)	0.4	0.6	0.4	0.3	0.4

Spinal cord dysfunction discharge destination by AN-SNAP class

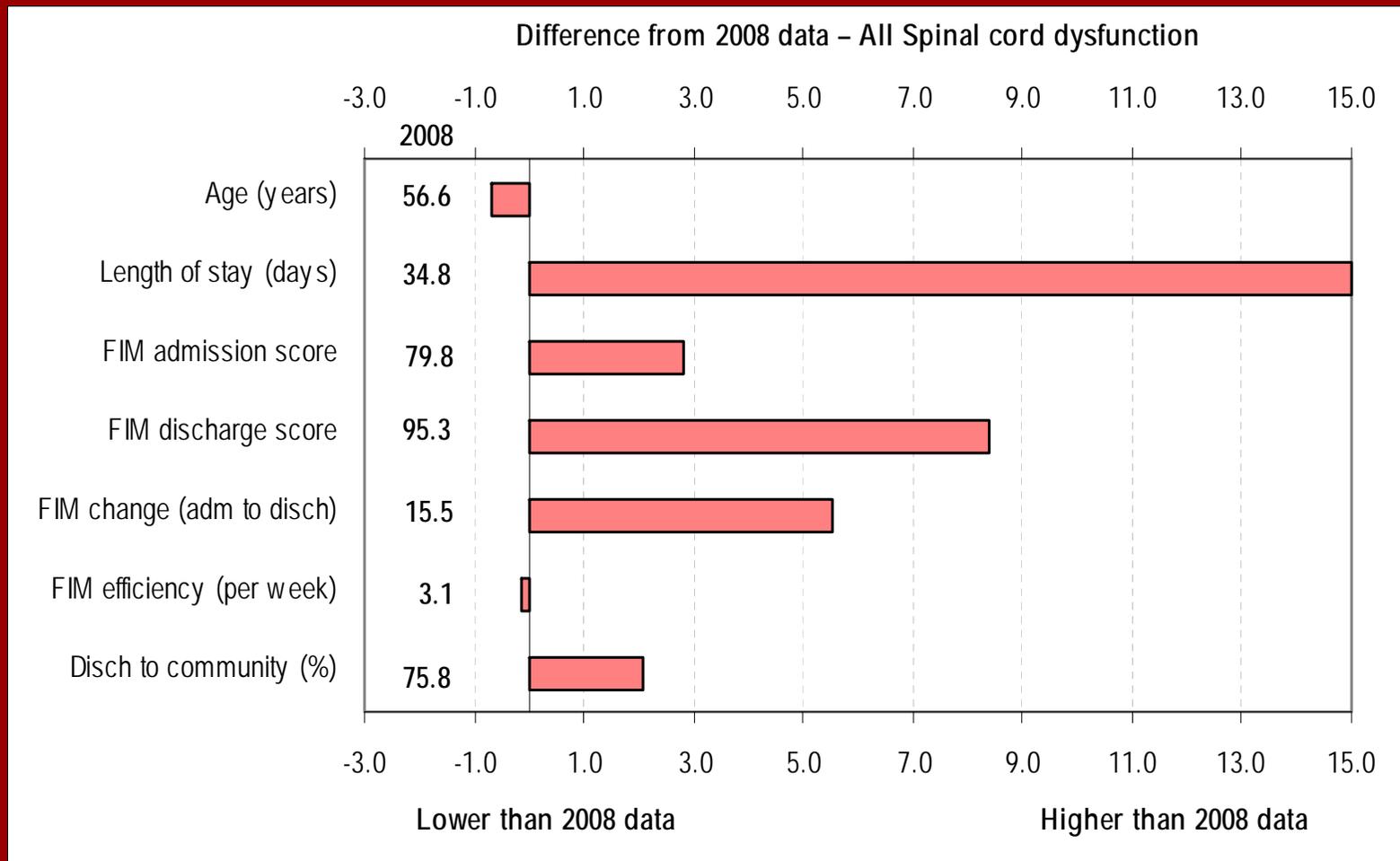


Spinal cord dysfunction LOS and FIM change by AN-SNAP class

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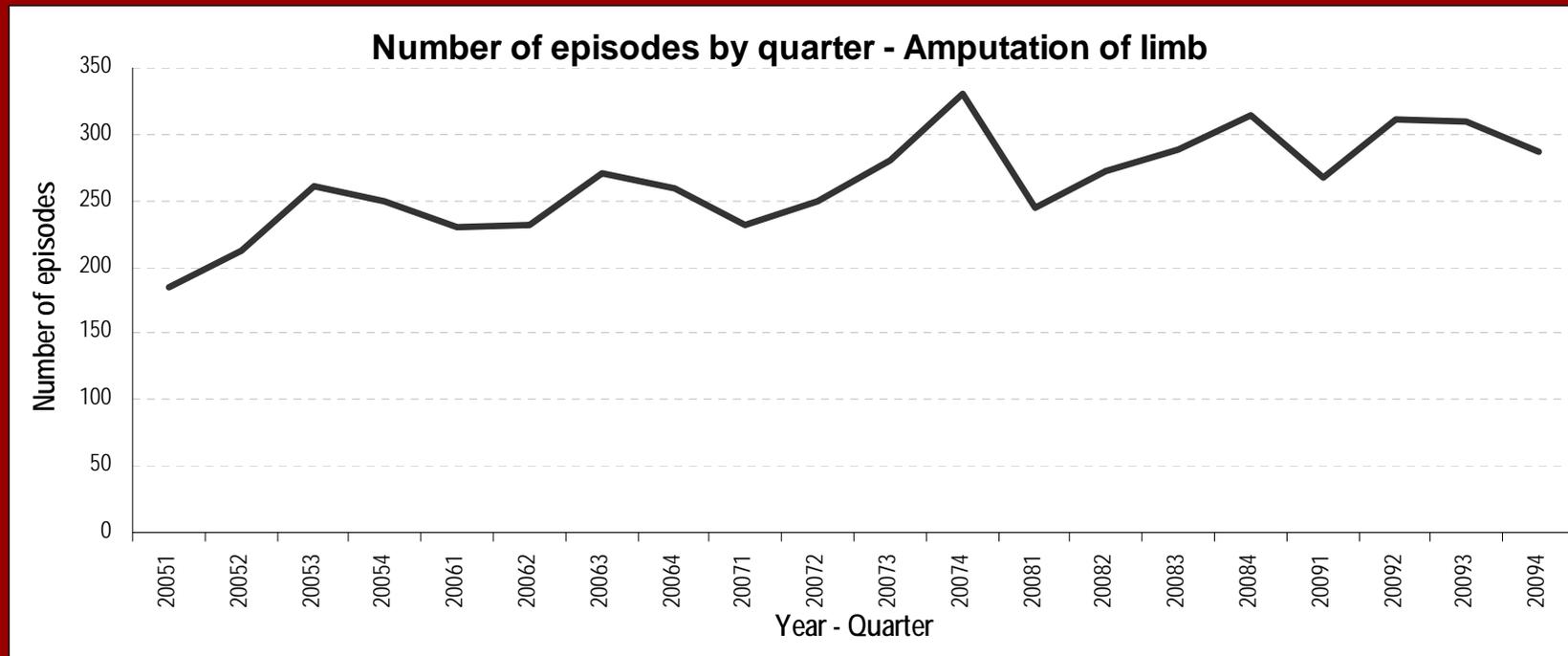


Change in outcome measures in spinal cord dysfunction - 2008 to 2009



Change in amputation episodes over time

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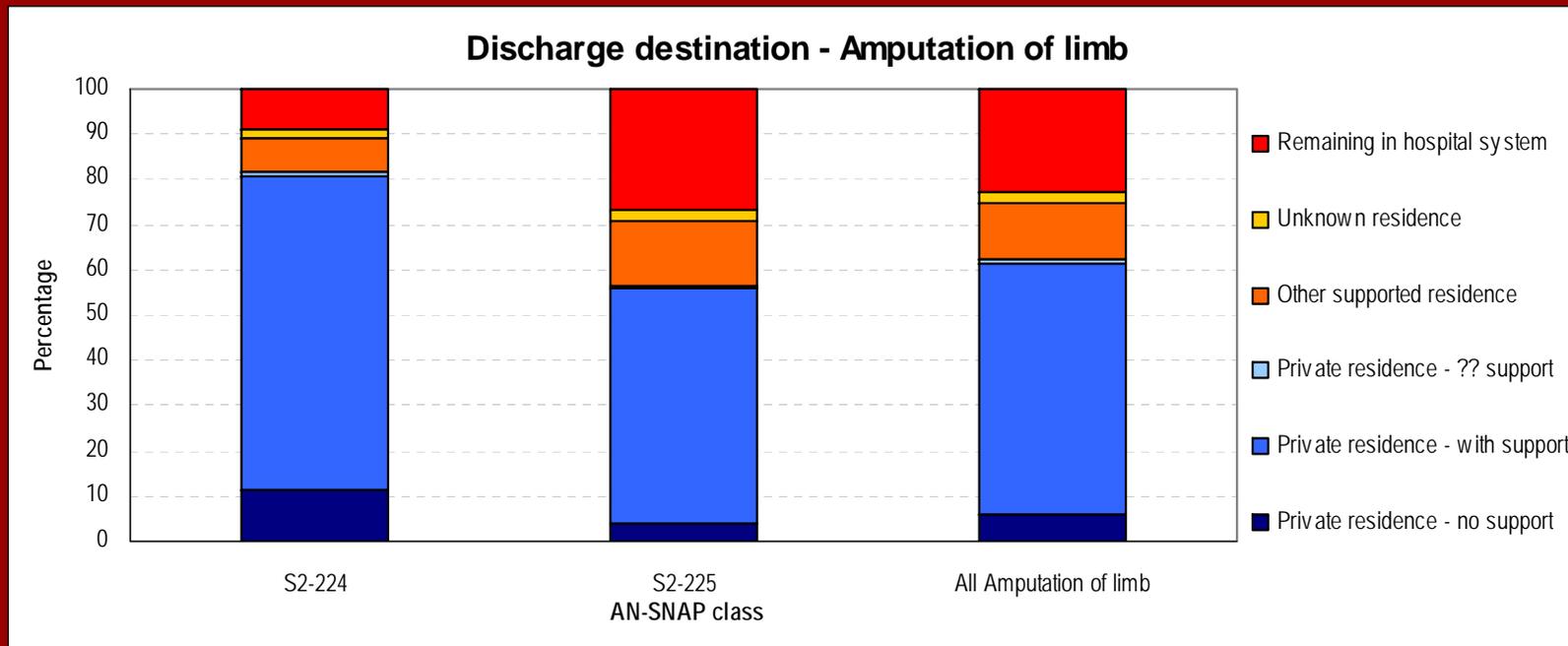


Amputation episodes in 2009

	AN-SNAP class:	S2-224	S2-225	All Amputation of limb
Number of episodes		267	908	1,175
Proportion of episodes		22.7%	77.3%	100.0%
Sector (%)				
<i>Private</i>		11.6	18.9	17.3
<i>Public</i>		88.4	81.1	82.7
Gender (%)				
<i>Female</i>		18.4	29.4	26.9
<i>Male</i>		81.6	70.6	73.1
Age (Mean+95%CI)		59.1 (57.2–61.0)	70.2 (69.3–71.1)	67.7 (66.8–68.6)
Admission FIM (Mean+95%CI)		111.2 (110.6–111.9)	83.3 (82.1–84.5)	90.6 (89.4–91.8)
LOS (Mean+95%CI)		27.2 (24.5–29.9)	41.5 (39.2–43.7)	37.7 (35.9–39.6)
Discharge destination (%)				
<i>Discharged to community</i>		91.0	73.3	77.4
<i>Remaining in hospital system</i>		9.0	26.7	22.6
FIM improvement (Mean+95%CI)		5.2 (4.1–6.3)	18.2 (17.3–19.1)	14.8 (14.0–15.7)
FIM efficiency (FIM imp./LOS)		0.2	0.4	0.4

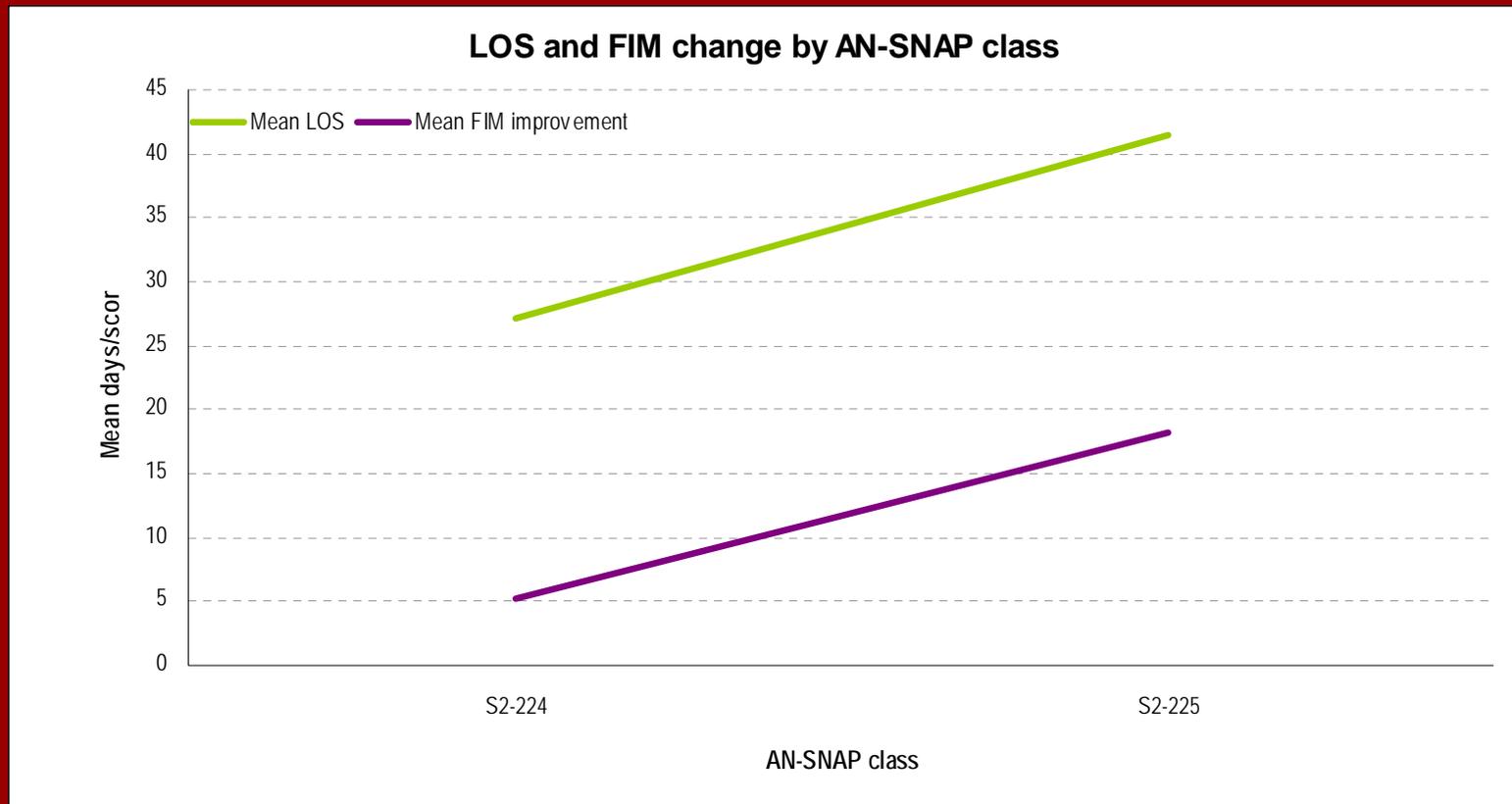
Amputation discharge destination by AN-SNAP class

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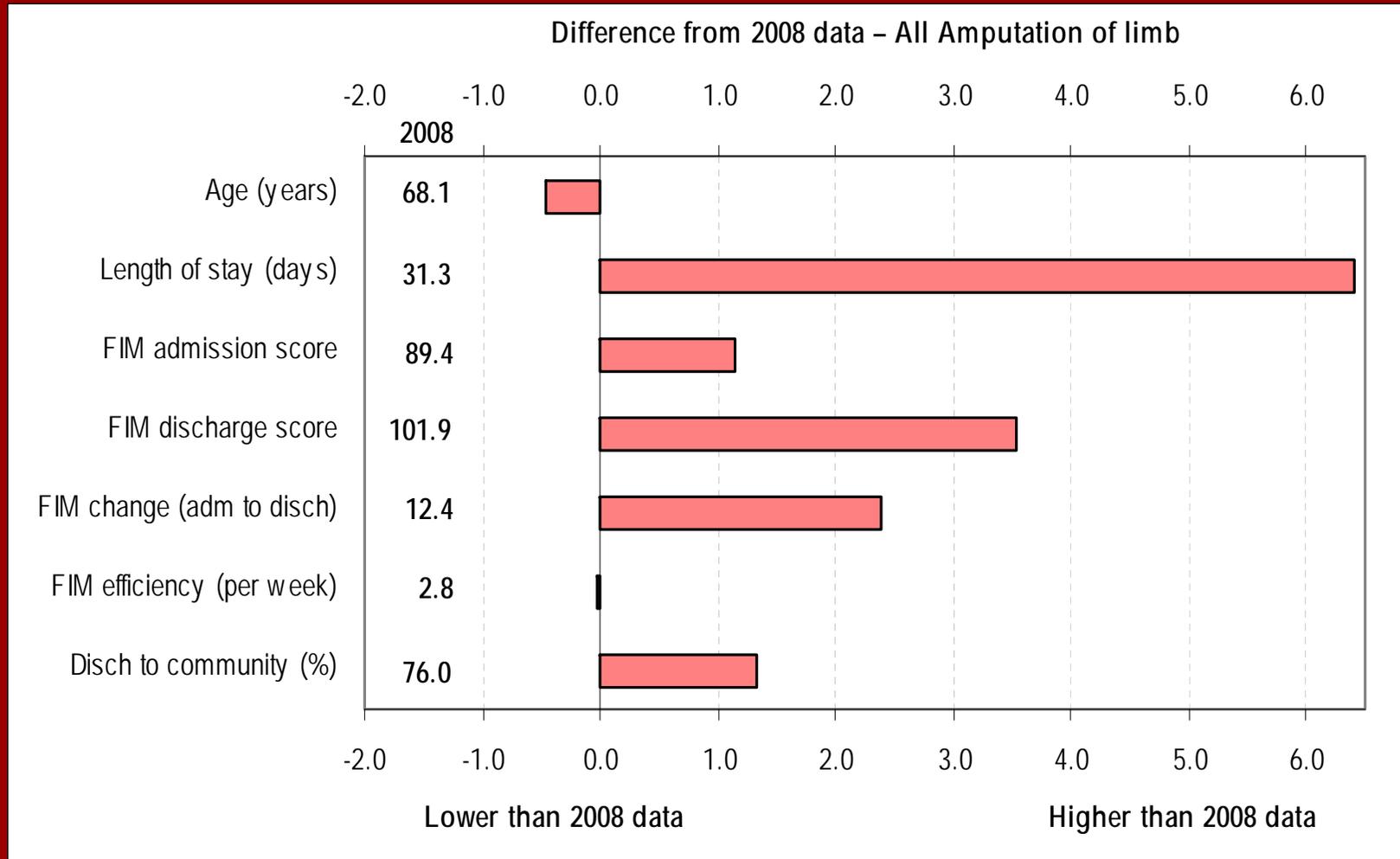
Amputation LOS and FIM change by AN-SNAP class

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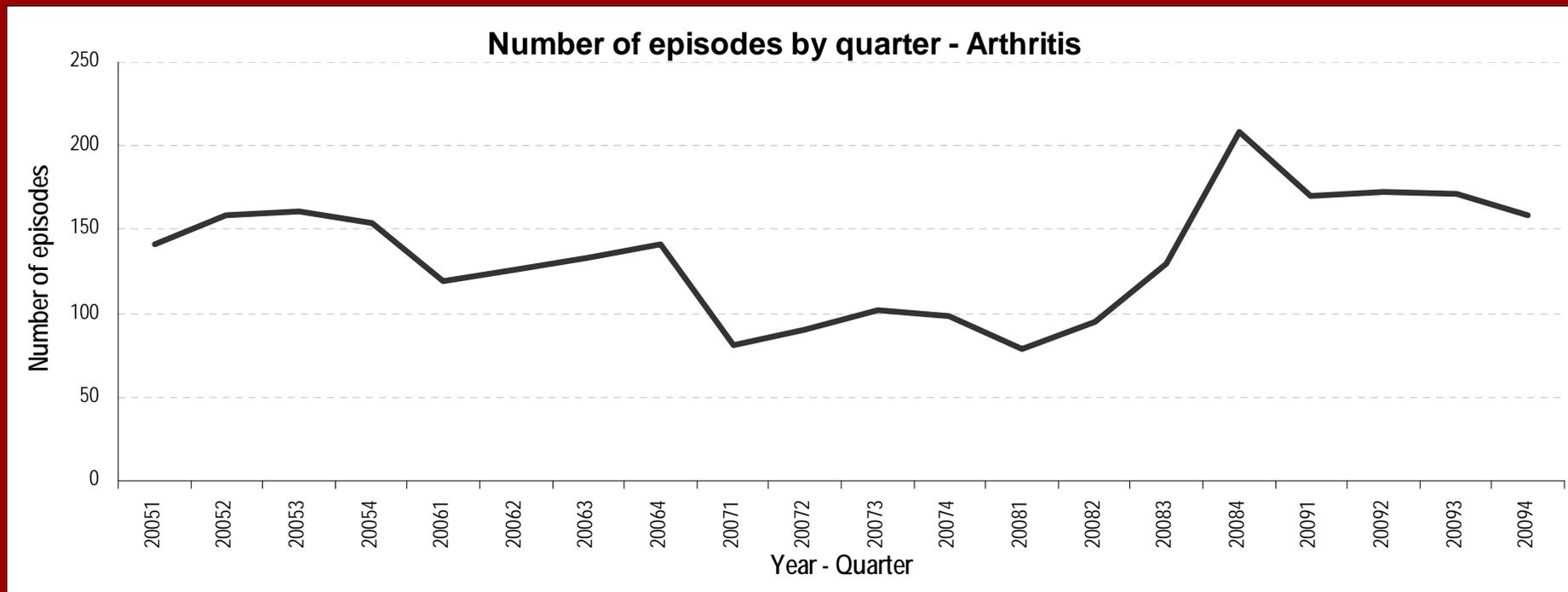
Change in outcome measures in amputation – 2008 to 2009

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Change in arthritis episodes over time

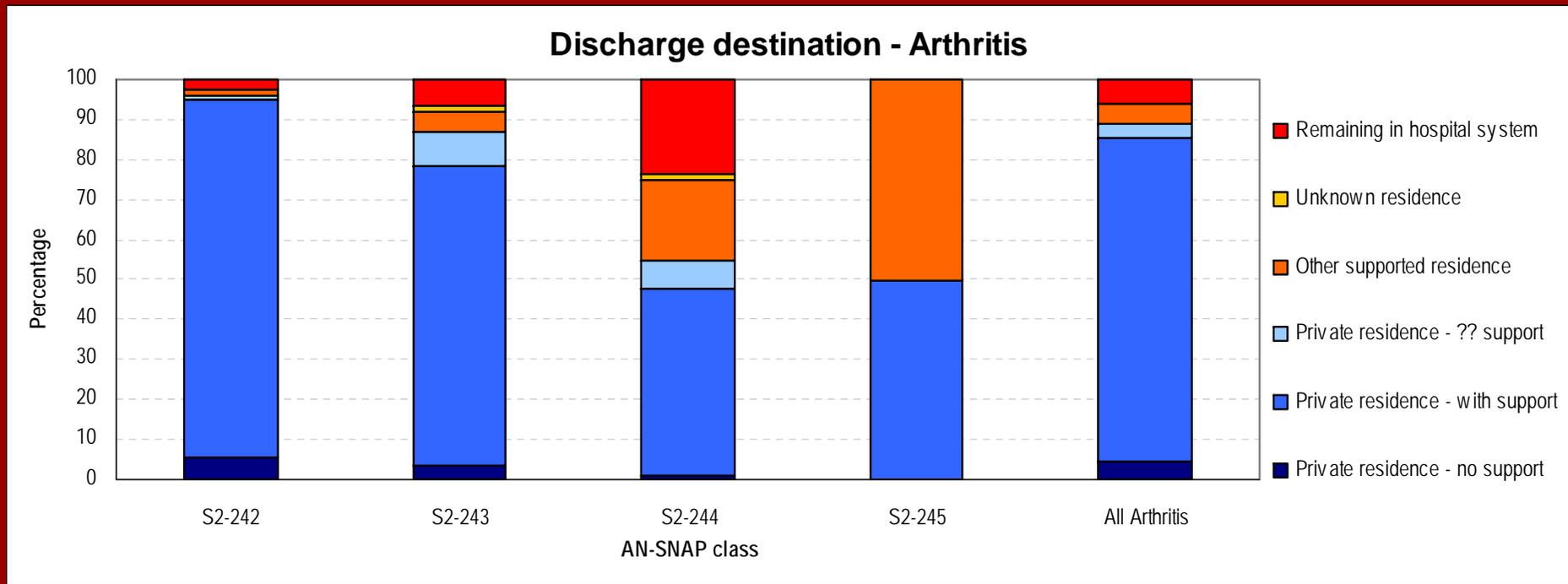
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Arthritis episodes in 2009

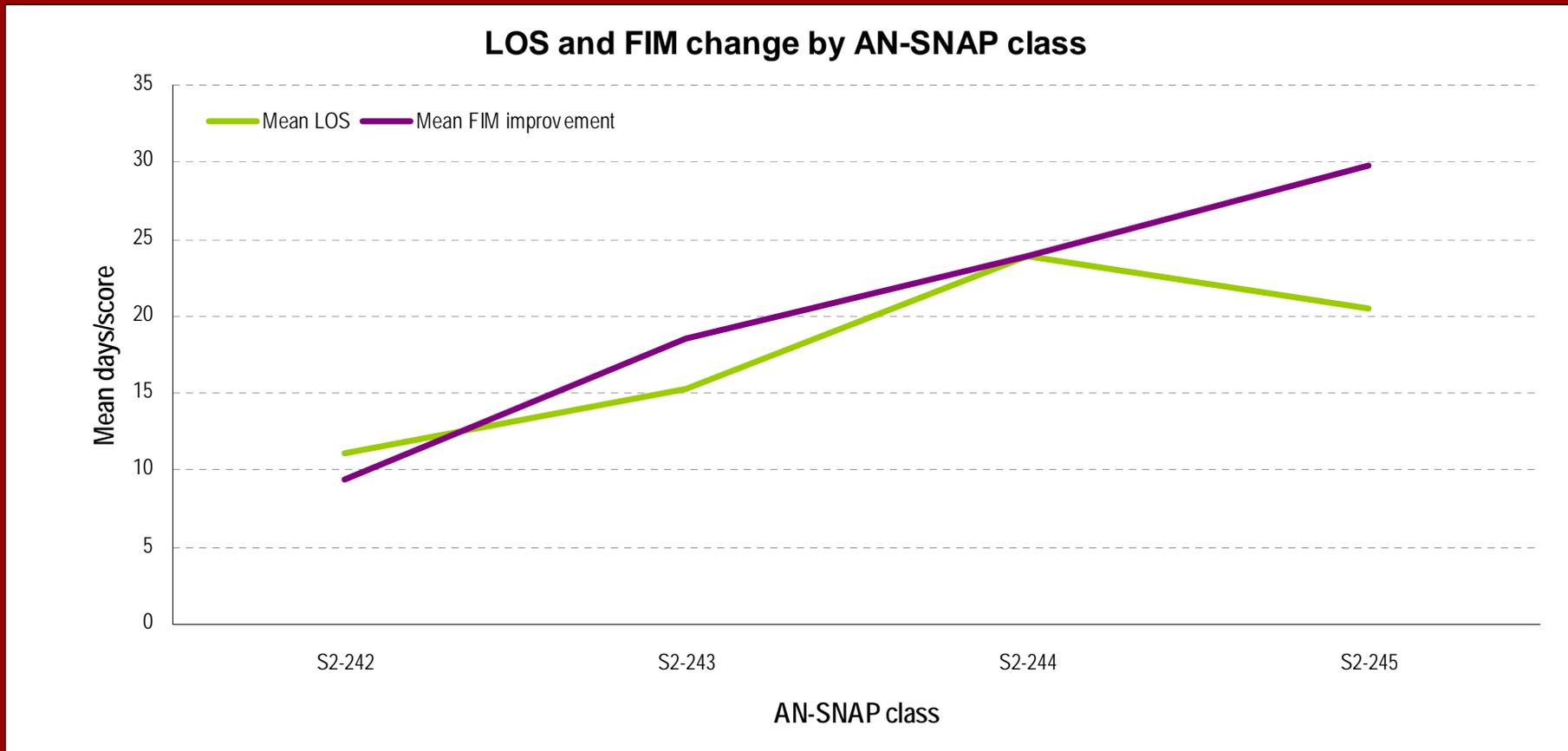
AN-SNAP class:	S2-242	S2-243	S2-244	S2-245	All Arthritis
Number of episodes	438	151	80	4	673
Proportion of episodes	65.1%	22.4%	11.9%	0.6%	100.0%
Sector (%)					
<i>Private</i>	92.2	72.2	48.8	25.0	82.2
<i>Public</i>	7.8	27.8	51.3	75.0	17.8
Gender (%)					
<i>Female</i>	62.6	72.2	65.0	50.0	64.9
<i>Male</i>	37.4	27.8	35.0	50.0	35.1
Age (Mean+95%CI)	69.2 (68.2–70.3)	73.8 (71.7–75.9)	77.1 (74.0–80.1)	93.3 (76.0–110.5)	71.3 (70.4–72.3)
Admission FIM (Mean+95%CI)	108.7 (108.2–109.2)	91.9 (90.7–93.1)	70.5 (67.6–73.4)	39.8 (7.9–71.6)	100.8 (99.6–101.9)
LOS (Mean+95%CI)	11.1 (10.6–11.6)	15.2 (13.7–16.7)	23.9 (20.0–27.8)	20.5 (2.7–38.3)	13.4 (12.7–14.0)
Discharge destination (%)					
<i>Discharged to community</i>	97.7	93.4	76.3	100.0	94.2
<i>Remaining in hospital system</i>	2.3	6.6	23.8	0.0	5.8
FIM improvement (Mean+95%CI)	9.3 (9.0–9.7)	18.5 (17.3–19.8)	23.9 (20.2–27.6)	29.8 (-43.9–103.4)	13.0 (12.2–13.7)
FIM efficiency (FIM imp./LOS)	0.8	1.2	1.0	1.5	1.0

Arthritis discharge destination by AN-SNAP class



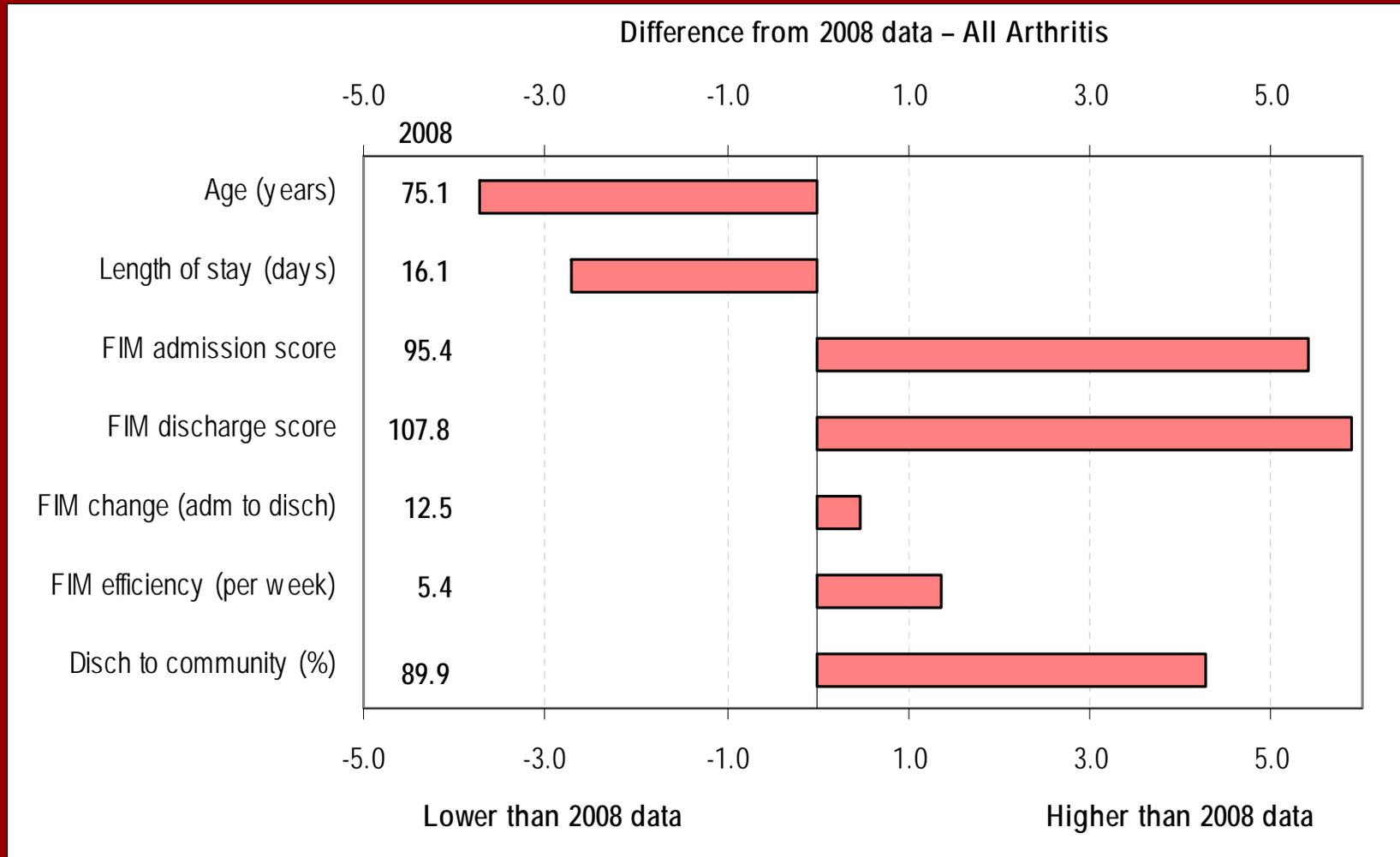
Arthritis LOS and FIM change by AN-SNAP class

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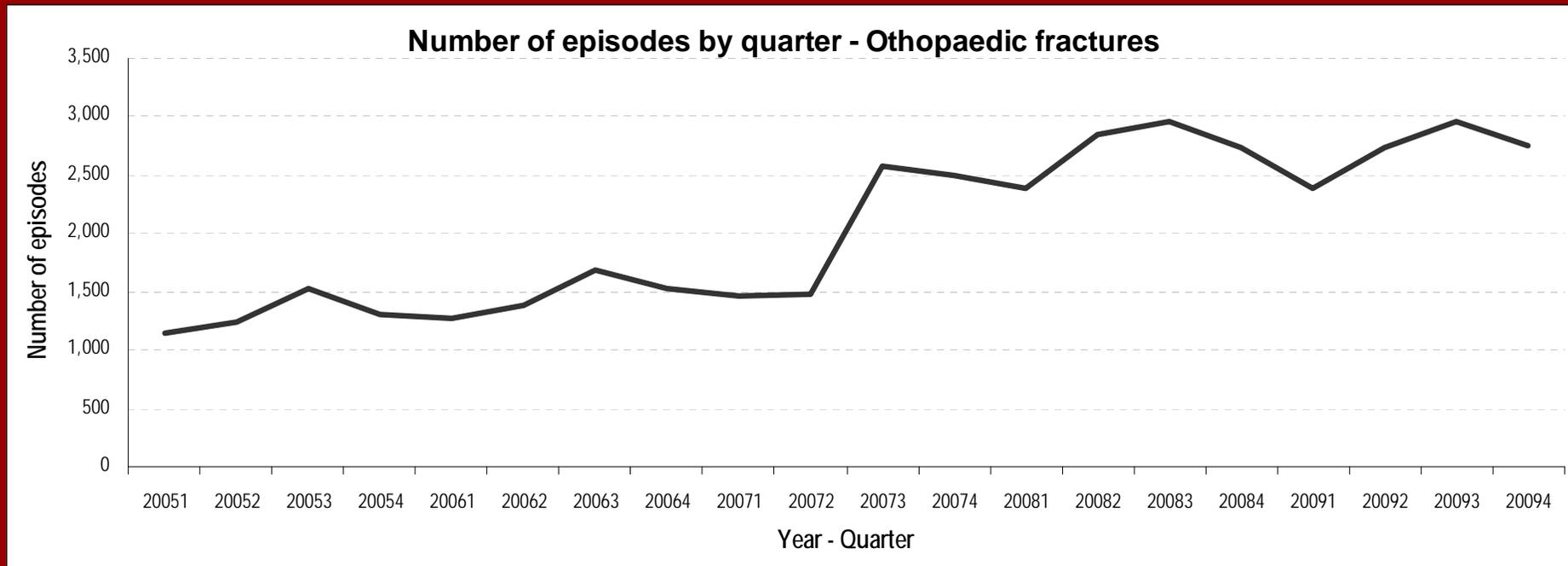
Change in outcome measures in arthritis – 2008 to 2009

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Change in orthopaedic fracture episodes over time

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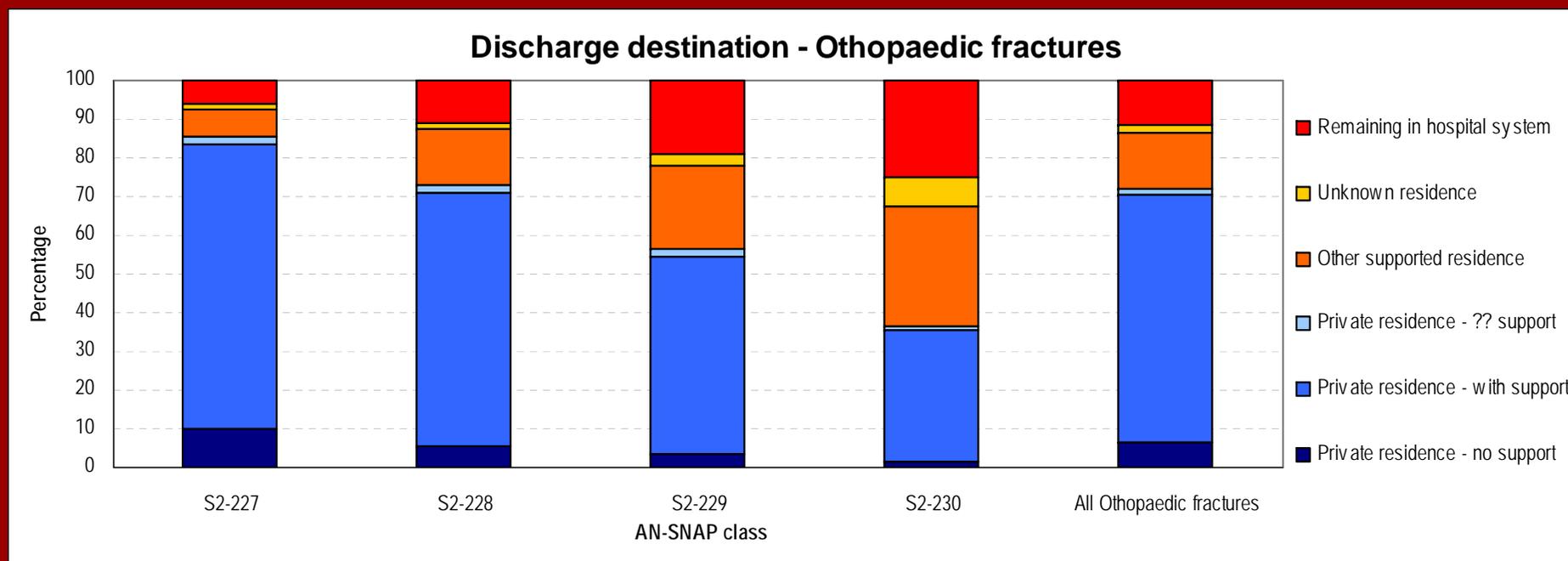


Orthopaedic fracture episodes in 2009

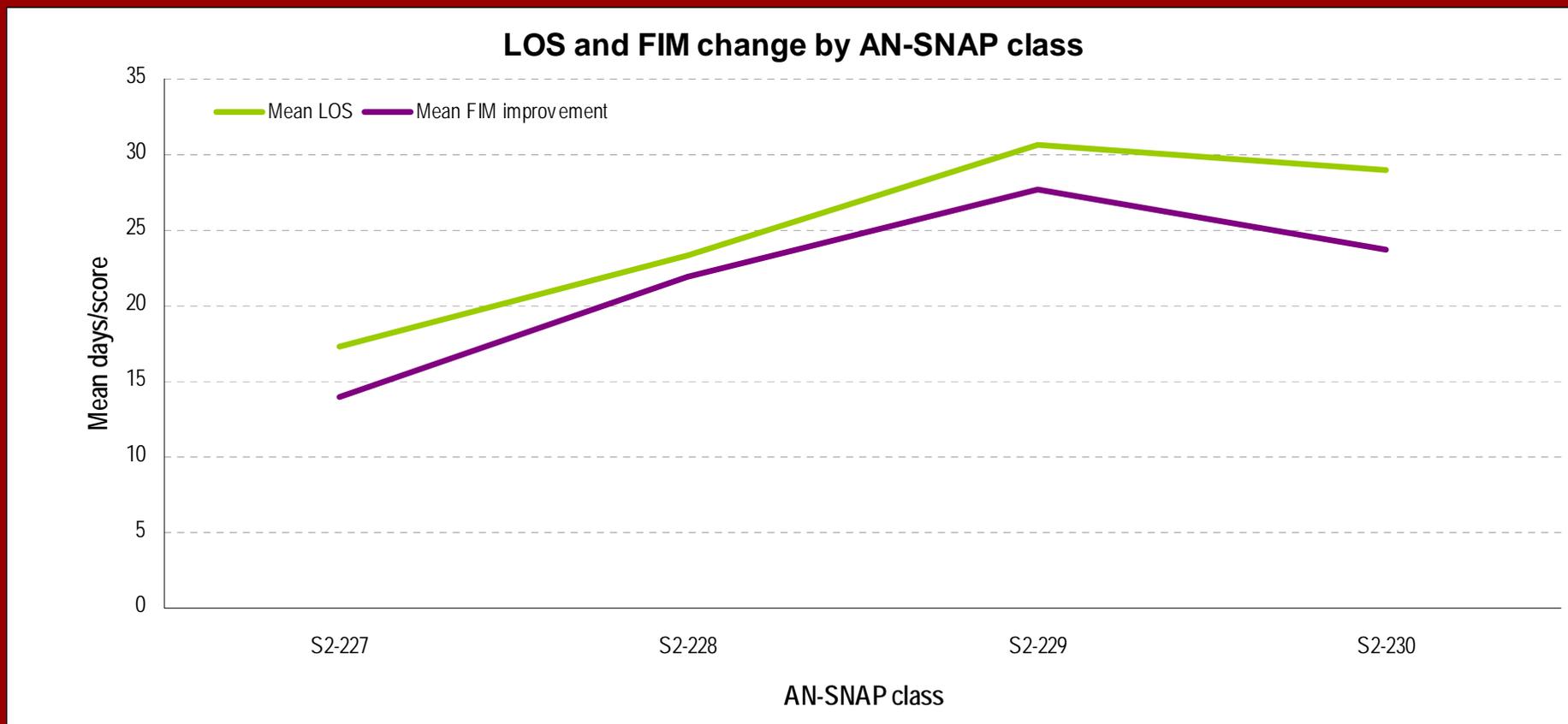


AN-SNAP class:	S2-227	S2-228	S2-229	S2-230	All Orthopaedic fractures
Number of episodes	4,564	2,977	2,718	588	10,847
Proportion of episodes	42.1%	27.4%	25.1%	5.4%	100.0%
Sector (%)					
<i>Private</i>	62.7	55.6	46.1	28.7	54.8
<i>Public</i>	37.3	44.4	53.9	71.3	45.2
Gender (%)					
<i>Female</i>	71.7	74.2	73.0	69.7	72.6
<i>Male</i>	28.3	25.8	27.0	30.3	27.4
Age (Mean+95%CI)	75.6 (75.2–76.0)	79.3 (78.8–79.7)	80.6 (80.1–81.1)	82.9 (82.2–83.7)	78.2 (78.0–78.5)
Admission FIM (Mean+95%CI)	98.4 (98.2–98.7)	82.6 (82.3–82.8)	66.5 (66.1–66.9)	45.3 (44.3–46.3)	84.3 (83.9–84.6)
LOS (Mean+95%CI)	17.3 (17.0–17.6)	23.3 (22.7–23.9)	30.6 (29.8–31.4)	29.0 (27.2–30.7)	22.6 (22.3–22.9)
Discharge destination (%)					
<i>Discharged to community</i>	94.0	89.0	80.9	74.8	88.3
<i>Remaining in hospital system</i>	6.0	11.0	19.1	25.2	11.7
FIM improvement (Mean+95%CI)	14.0 (13.8–14.2)	21.9 (21.5–22.2)	27.6 (27.0–28.2)	23.7 (21.8–25.6)	19.8 (19.5–20.0)
FIM efficiency (FIM imp./LOS)	0.8	0.9	0.9	0.8	0.9

Orthopaedic fracture discharge destination by AN-SNAP class

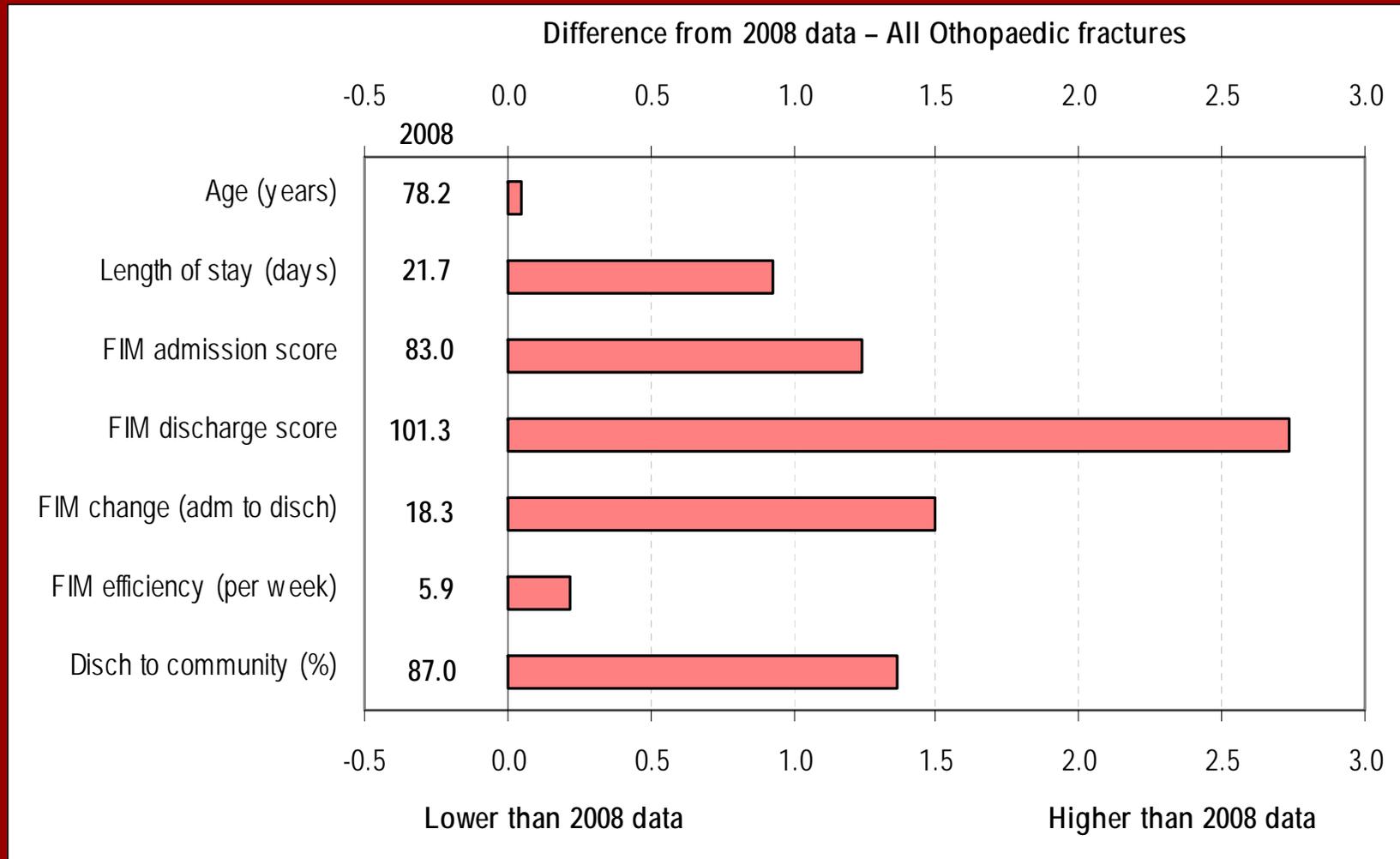


Orthopaedic fracture LOS and FIM change by AN-SNAP class



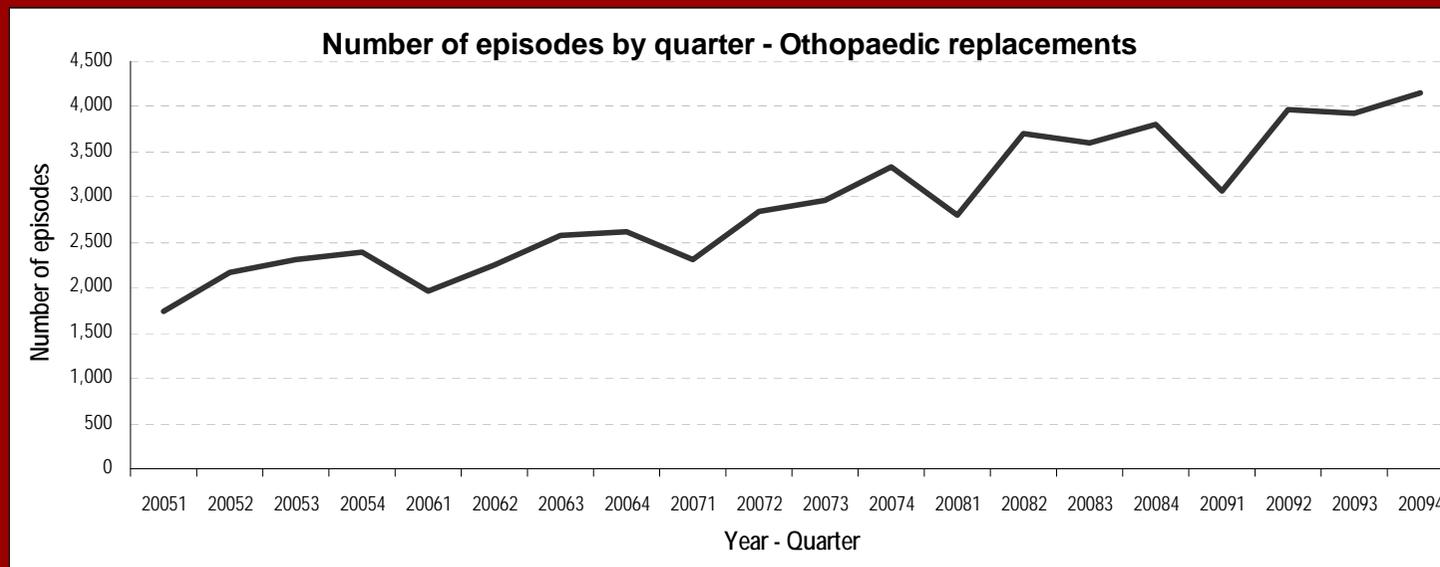
Change in outcome measures in orthopaedic fracture – 2008 to 2009

aroc



Change in orthopaedic replacement episodes over time

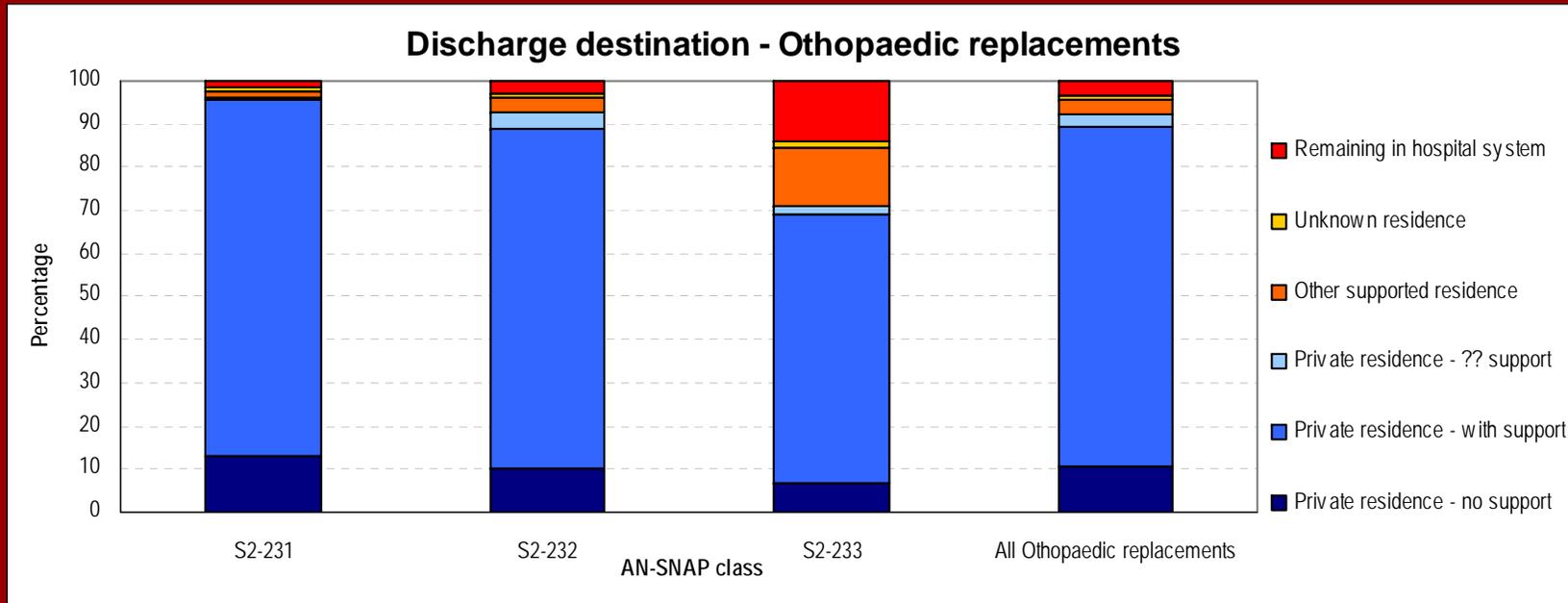
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Orthopaedic replacement episodes in 2009

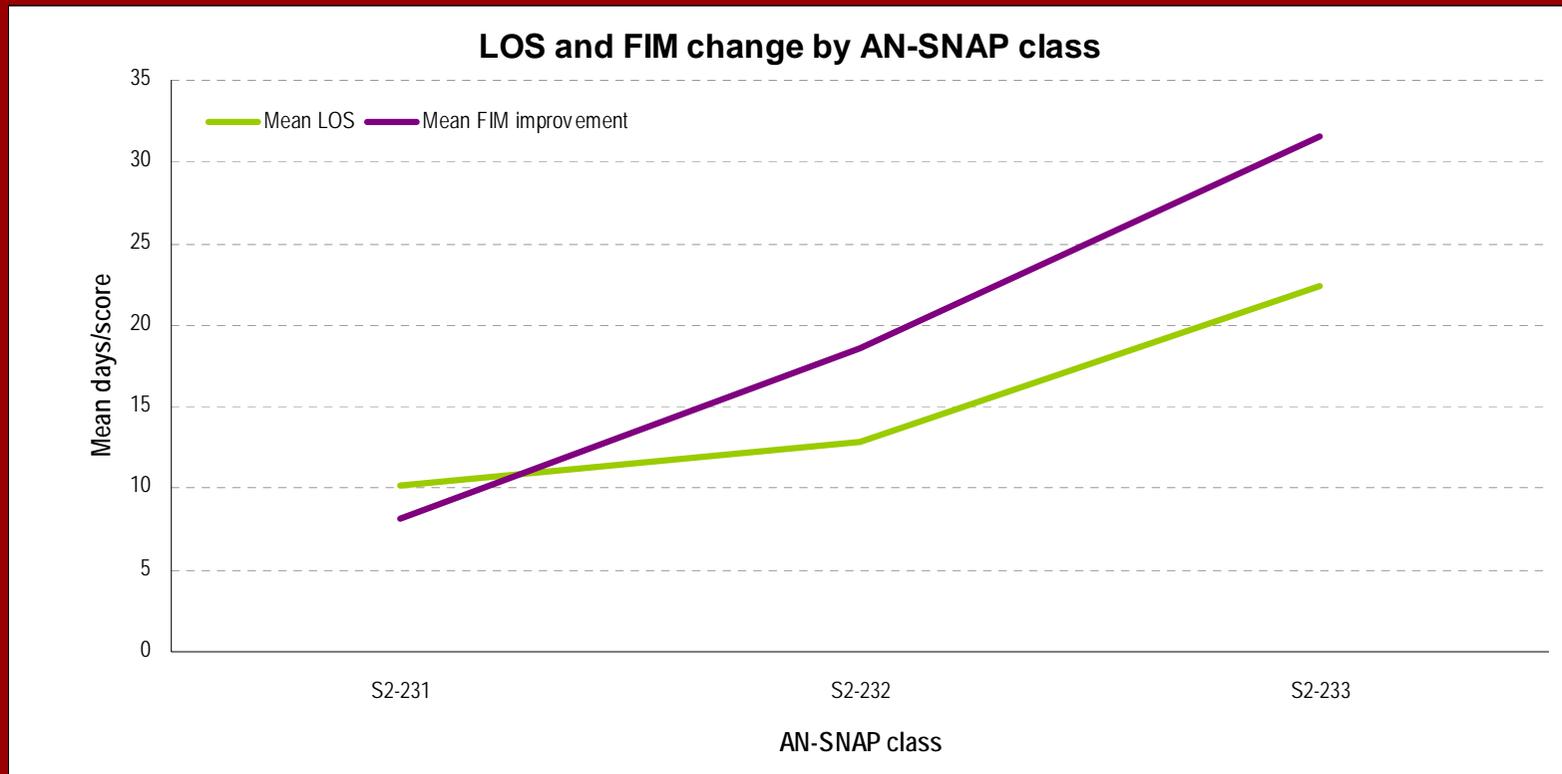
AN-SNAP class:	S2-231	S2-232	S2-233	All Orthopaedic replacements
Number of episodes	4,276	9,908	930	15,114
Proportion of episodes	28.3%	65.6%	6.2%	100.0%
Sector (%)				
<i>Private</i>	89.7	83.4	56.1	83.5
<i>Public</i>	10.3	16.6	43.9	16.5
Gender (%)				
<i>Female</i>	59.6	68.5	69.7	66.1
<i>Male</i>	40.4	31.5	30.3	33.9
Age (Mean+95%CI)	68.6 (68.3–68.9)	73.1 (72.9–73.3)	78.0 (77.3–78.7)	72.1 (71.9–72.3)
Admission FIM (Mean+95%CI)	110.2 (110.1–110.3)	95.4 (95.3–95.6)	68.0 (67.2–68.8)	98.1 (97.9–98.3)
LOS (Mean+95%CI)	10.2 (10.0–10.3)	12.9 (12.8–13.0)	22.4 (21.4–23.4)	12.6 (12.5–12.8)
Discharge destination (%)				
<i>Discharged to community</i>	98.5	96.9	86.0	96.6
<i>Remaining in hospital system</i>	1.5	3.1	14.0	3.4
FIM improvement (Mean+95%CI)	8.2 (8.1–8.3)	18.5 (18.4–18.7)	31.5 (30.5–32.5)	16.3 (16.1–16.4)
FIM efficiency (FIM imp./LOS)	0.8	1.4	1.4	1.3

Orthopaedic replacement discharge destination by AN-SNAP class

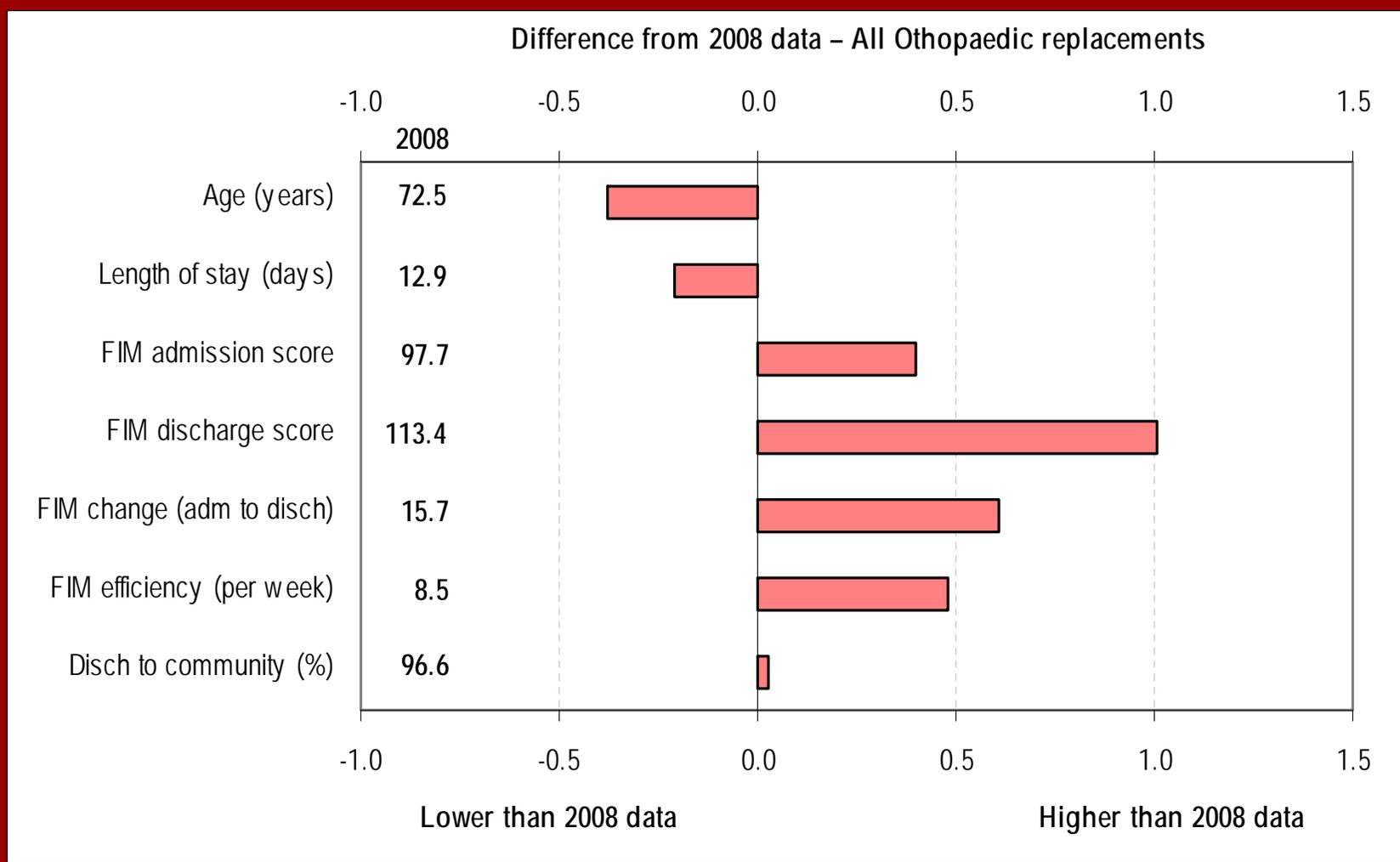


Orthopaedic replacement LOS and FIM change by AN-SNAP class

aroc

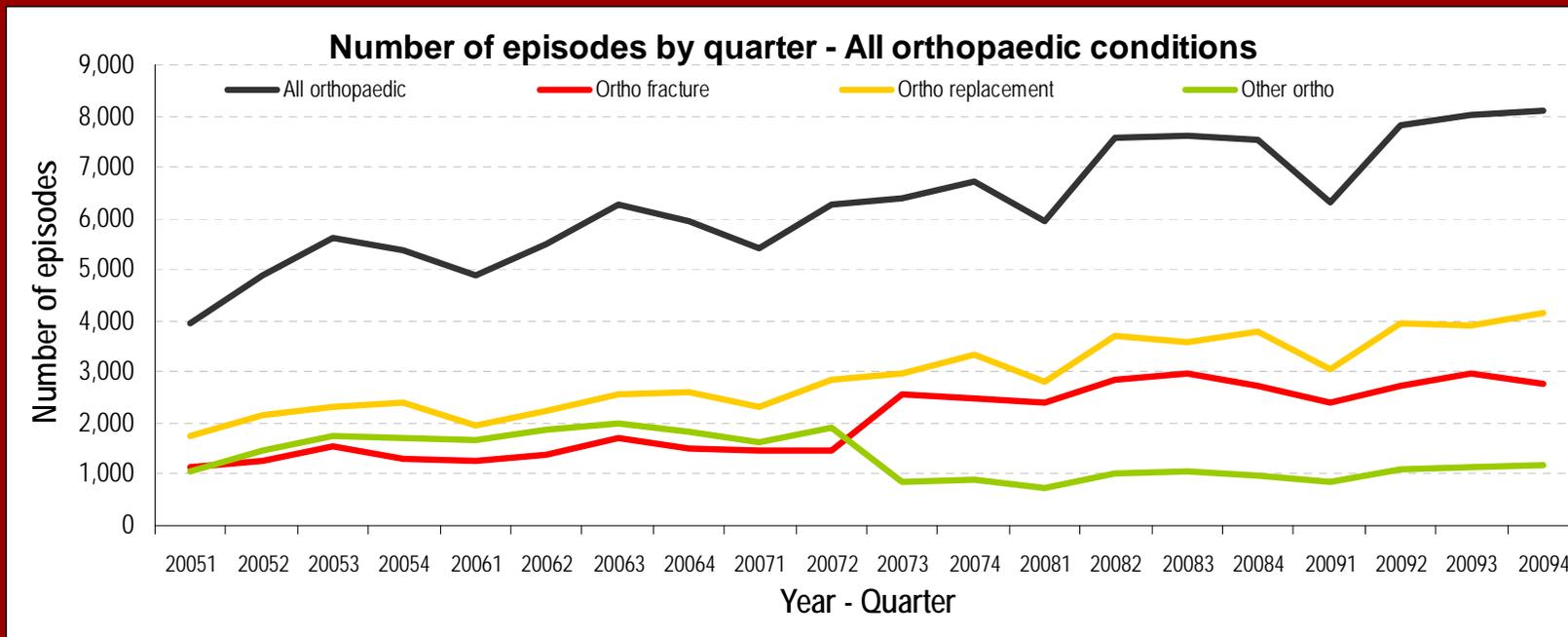


Change in outcome measures in orthopaedic replacement – 2008 to 2009



Change in all orthopaedic episodes over time

aroc

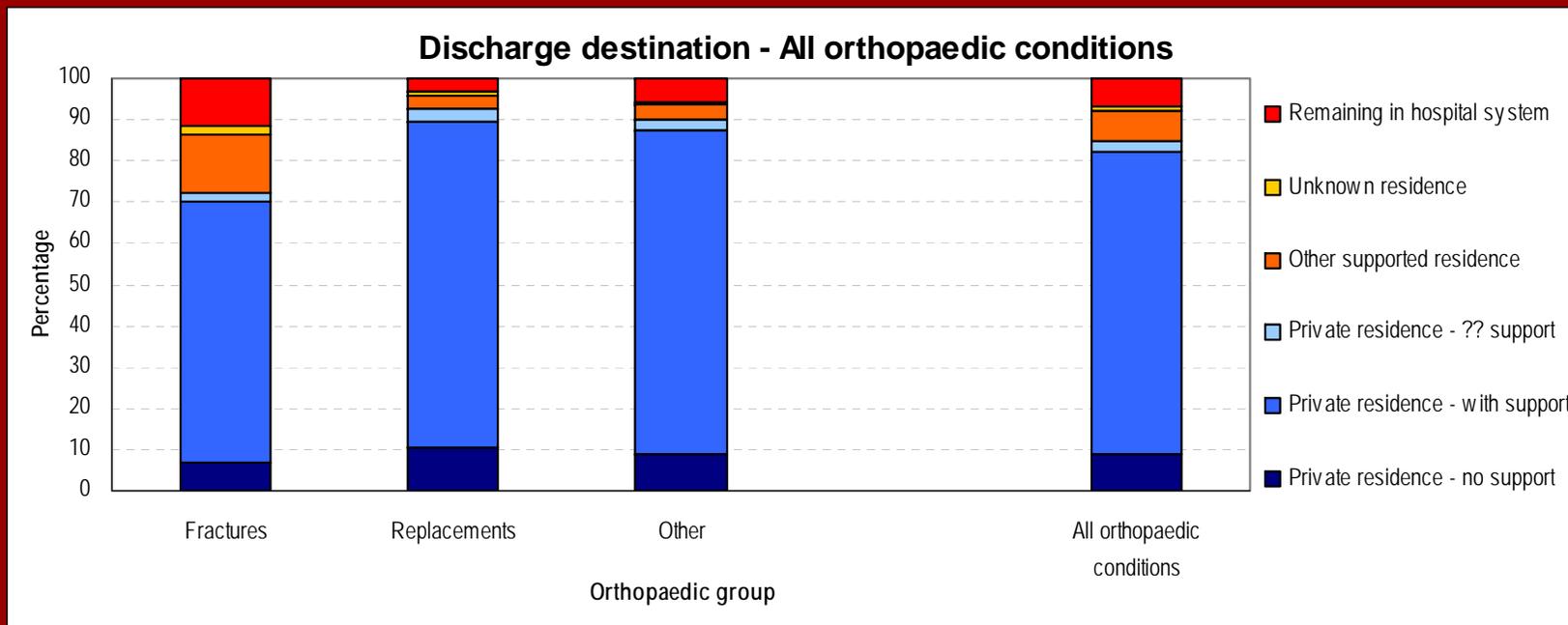


All orthopaedic episodes in 2009

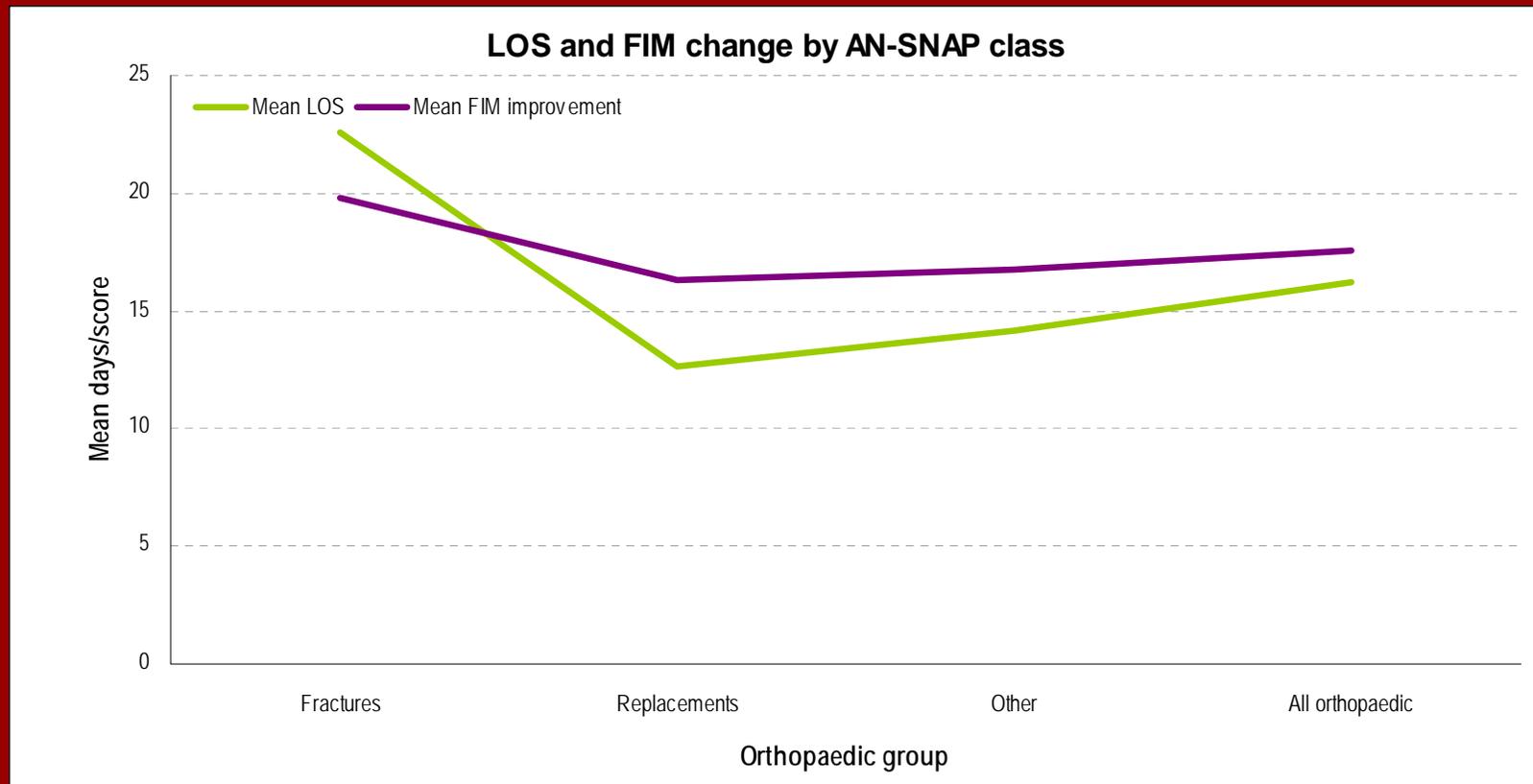


	Fractures	Replacements	Other	All orthopaedic conditions
Number of episodes	10,847	15,114	4,294	30,255
Proportion of episodes	35.9%	50.0%	14.2%	100.0%
Sector (%)				
<i>Private</i>	54.8	83.5	86.1	73.6
<i>Public</i>	45.2	16.5	13.9	26.4
Gender (%)				
<i>Female</i>	72.6	66.1	63.1	68.0
<i>Male</i>	27.4	33.9	36.9	32.0
Age (Mean+95%CI)	78.2 (78.0–78.5)	72.1 (71.9–72.3)	68.5 (68.1–69.0)	73.8 (73.7–73.9)
Admission FIM (Mean+95%CI)	84.3 (83.9–84.6)	98.1 (97.9–98.3)	98.1 (97.7–98.6)	93.4 (93.2–93.6)
LOS (Mean+95%CI)	22.6 (22.3–22.9)	12.6 (12.5–12.8)	14.1 (13.8–14.5)	16.2 (16.1–16.4)
Discharge destination (%)				
<i>Discharged to community</i>	88.3	96.6	94.1	93.3
<i>Remaining in hospital system</i>	11.7	3.4	5.9	6.7
FIM improvement (Mean+95%CI)	19.8 (19.5–20.0)	16.3 (16.1–16.4)	16.7 (16.4–17.0)	17.5 (17.4–17.6)
FIM efficiency (FIM imp./LOS)	0.9	1.3	1.2	1.1

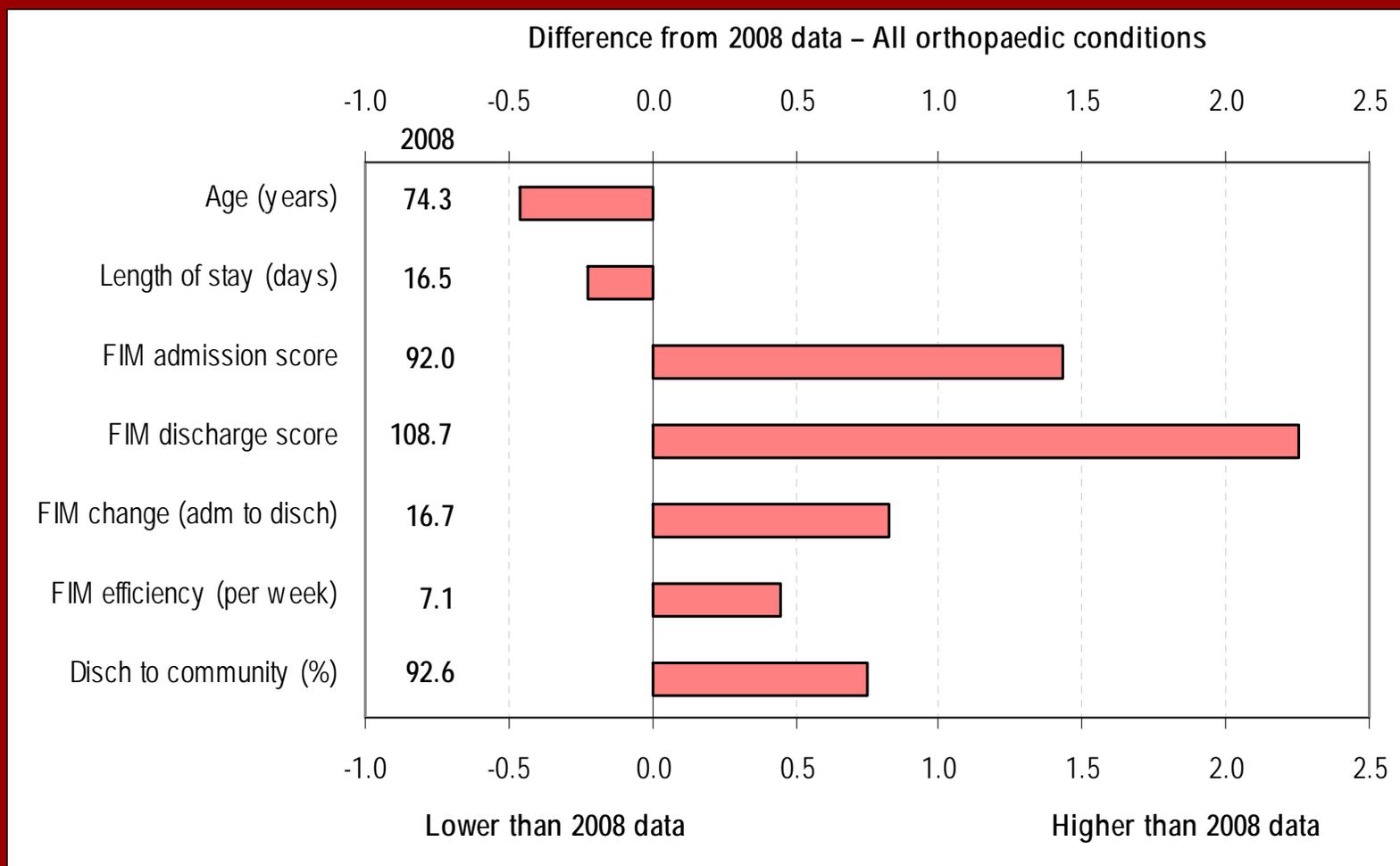
All Orthopaedic episodes discharge destination by AN-SNAP class



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

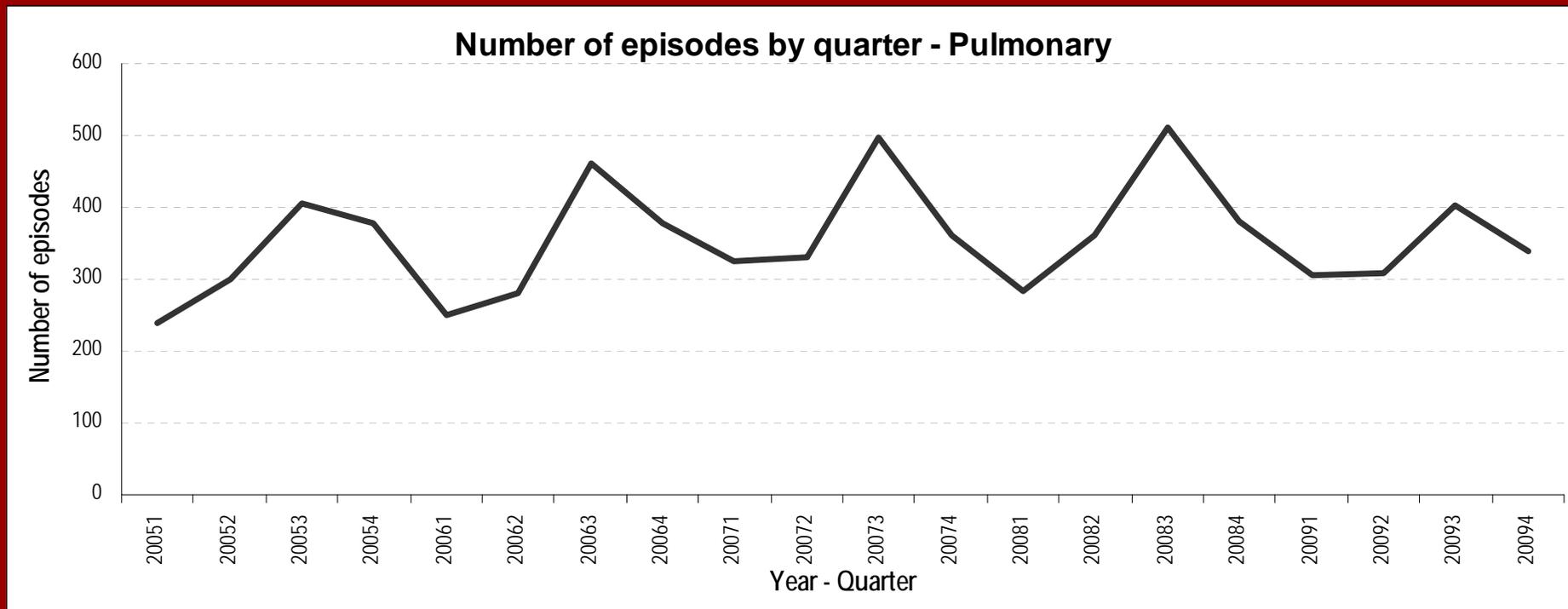


Change in outcome measures in orthopaedic conditions – 2008 to 2009



Change in pulmonary episodes over time

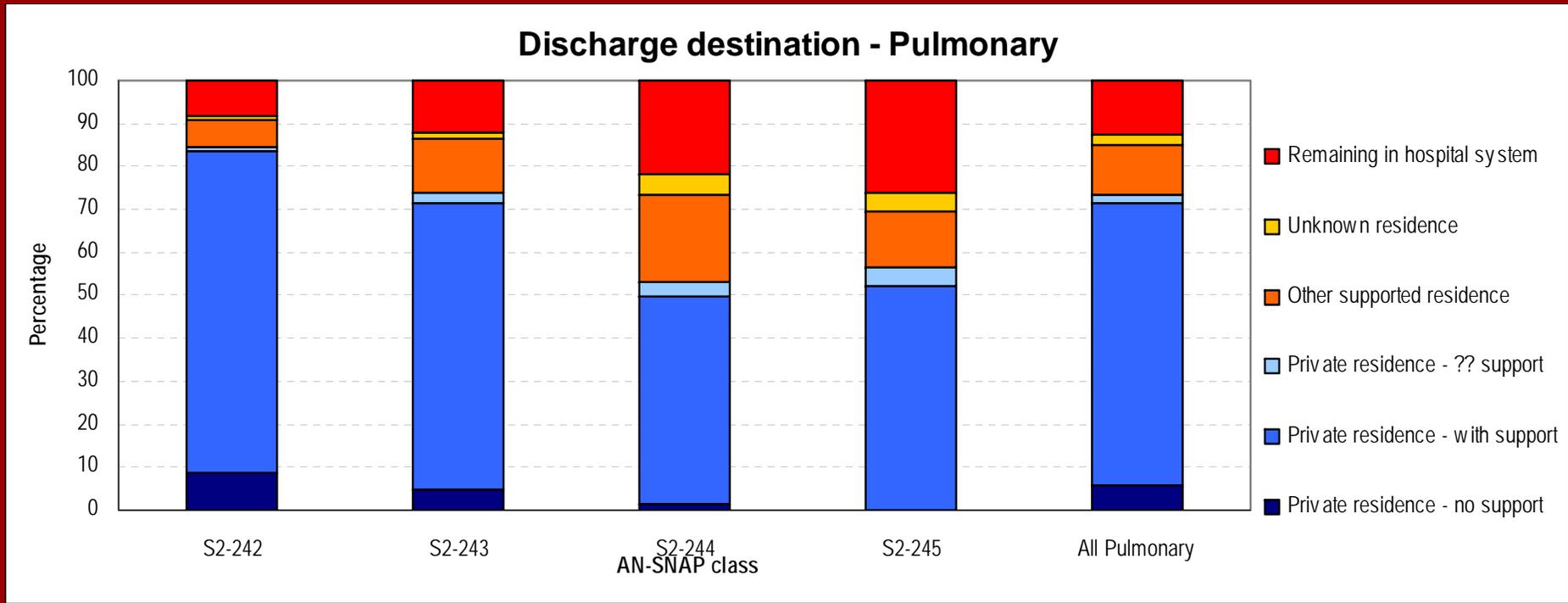
aroc



Pulmonary episodes in 2009

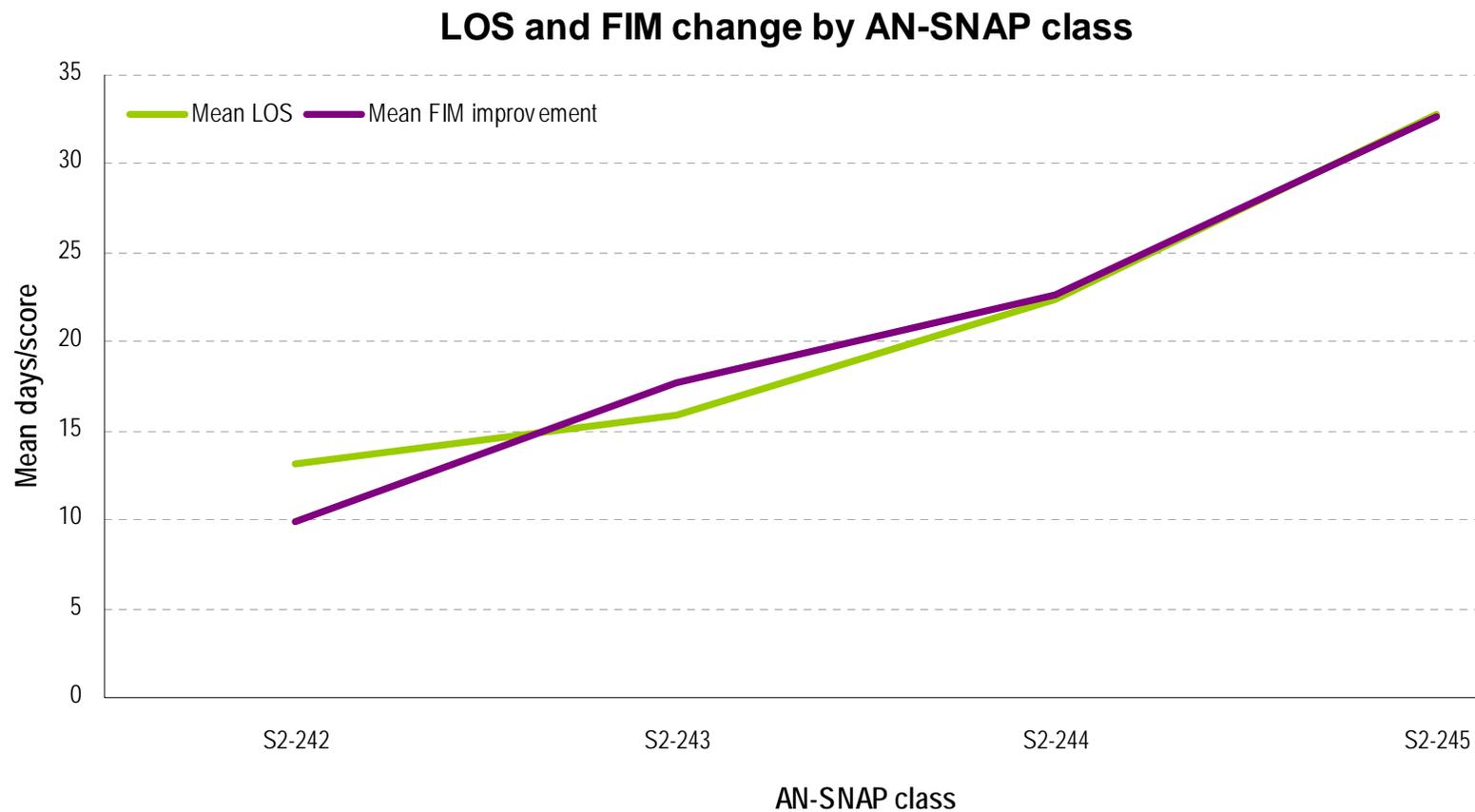
AN-SNAP class:	S2-242	S2-243	S2-244	S2-245	All Pulmonary
Number of episodes	495	577	259	23	1,354
Proportion of episodes	36.6%	42.6%	19.1%	1.7%	100.0%
Sector (%)					
<i>Private</i>	74.5	68.5	39.8	26.1	64.5
<i>Public</i>	25.5	31.5	60.2	73.9	35.5
Gender (%)					
<i>Female</i>	59.1	56.8	46.7	52.2	55.7
<i>Male</i>	40.9	43.2	53.3	47.8	44.3
Age (Mean+95%CI)	76.9 (75.9–77.8)	79.7 (78.8–80.7)	80.1 (78.6–81.5)	75.2 (70.5–79.8)	78.7 (78.1–79.3)
Admission FIM (Mean+95%CI)	107.0 (106.4–107.6)	91.5 (90.9–92.1)	70.2 (68.9–71.6)	41.9 (36.6–47.1)	93.1 (92.1–94.0)
LOS (Mean+95%CI)	13.2 (12.5–13.8)	15.9 (15.1–16.7)	22.3 (20.1–24.6)	32.8 (21.5–44.0)	16.2 (15.6–16.8)
Discharge destination (%)					
<i>Discharged to community</i>	91.7	87.9	78.4	73.9	87.2
<i>Remaining in hospital system</i>	8.3	12.1	21.6	26.1	12.8
FIM improvement (Mean+95%CI)	9.9 (9.3–10.4)	17.6 (16.8–18.4)	22.6 (20.5–24.7)	32.7 (21.6–43.8)	15.7 (15.1–16.3)
FIM efficiency (FIM imp./LOS)	0.7	1.1	1.0	1.0	1.0

Pulmonary discharge destination by AN-SNAP class



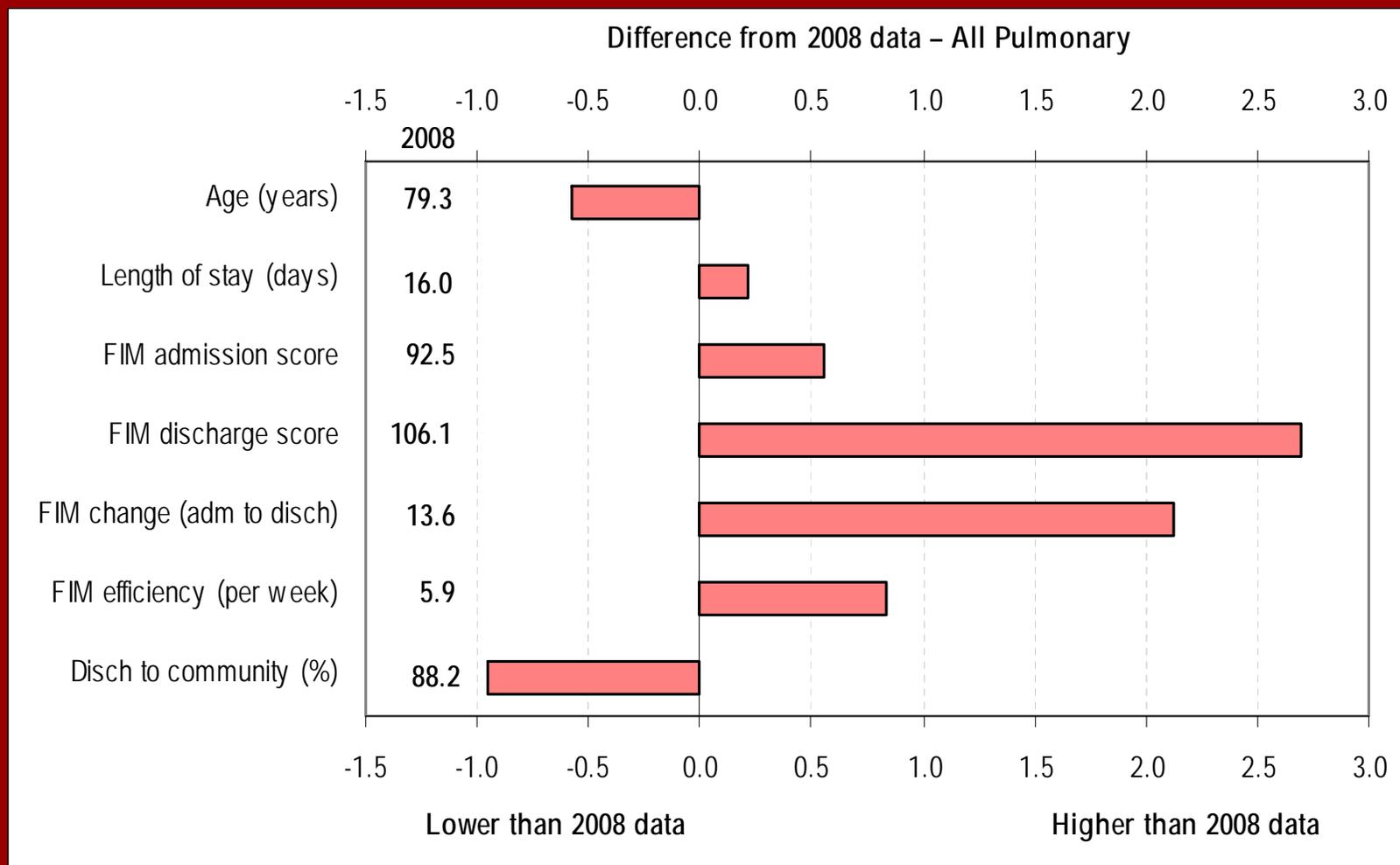
Pulmonary LOS and FIM change by AN-SNAP class

aroc



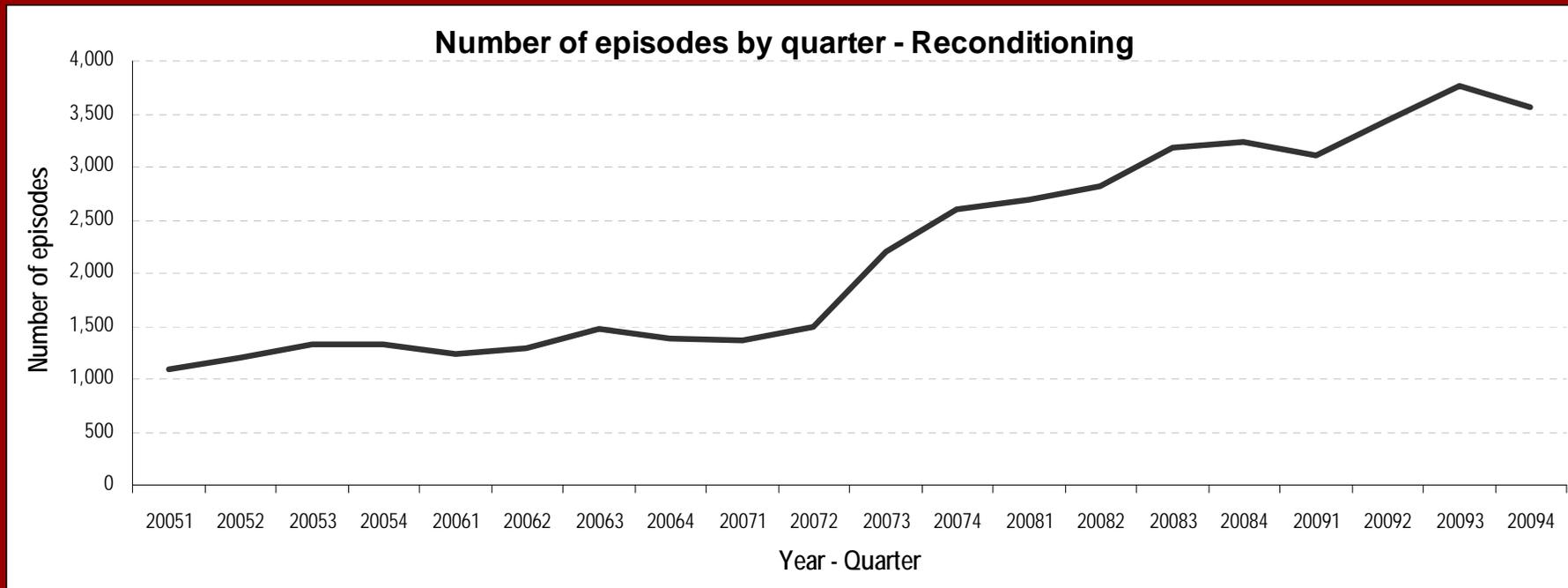
Change in outcome measures in pulmonary – 2008 to 2009

aroc



Change in reconditioning episodes over time

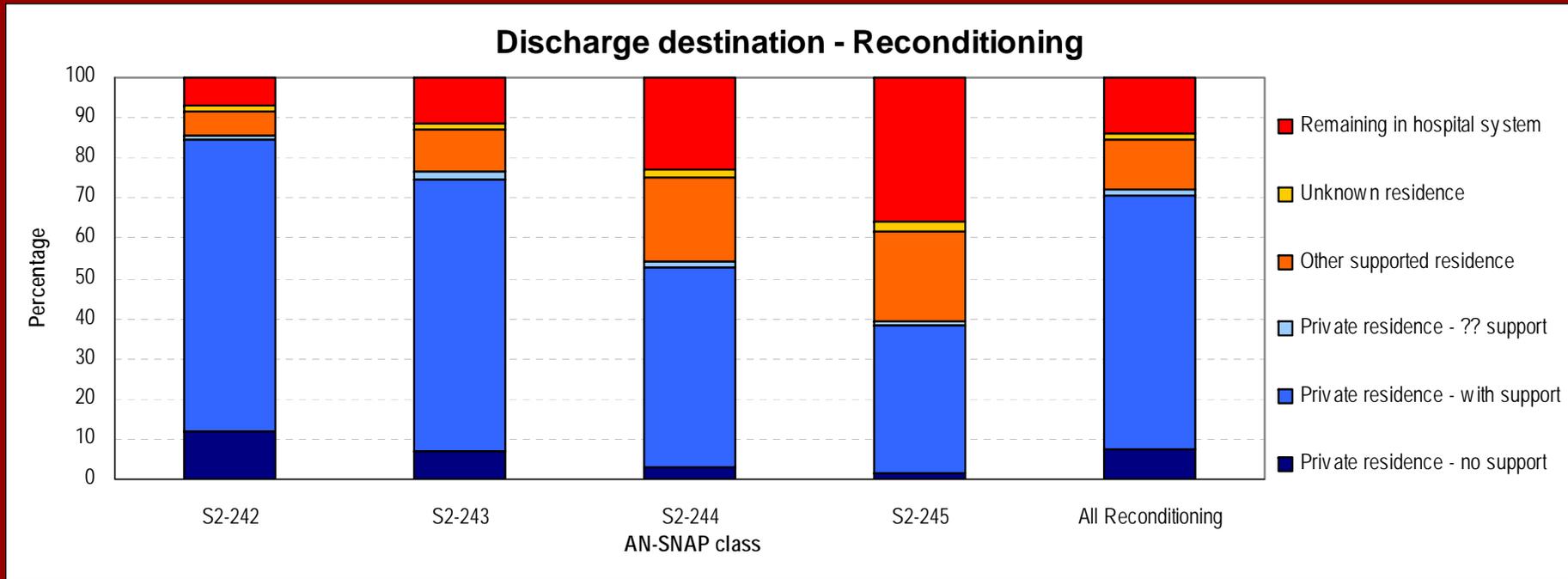
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Reconditioning episodes in 2009

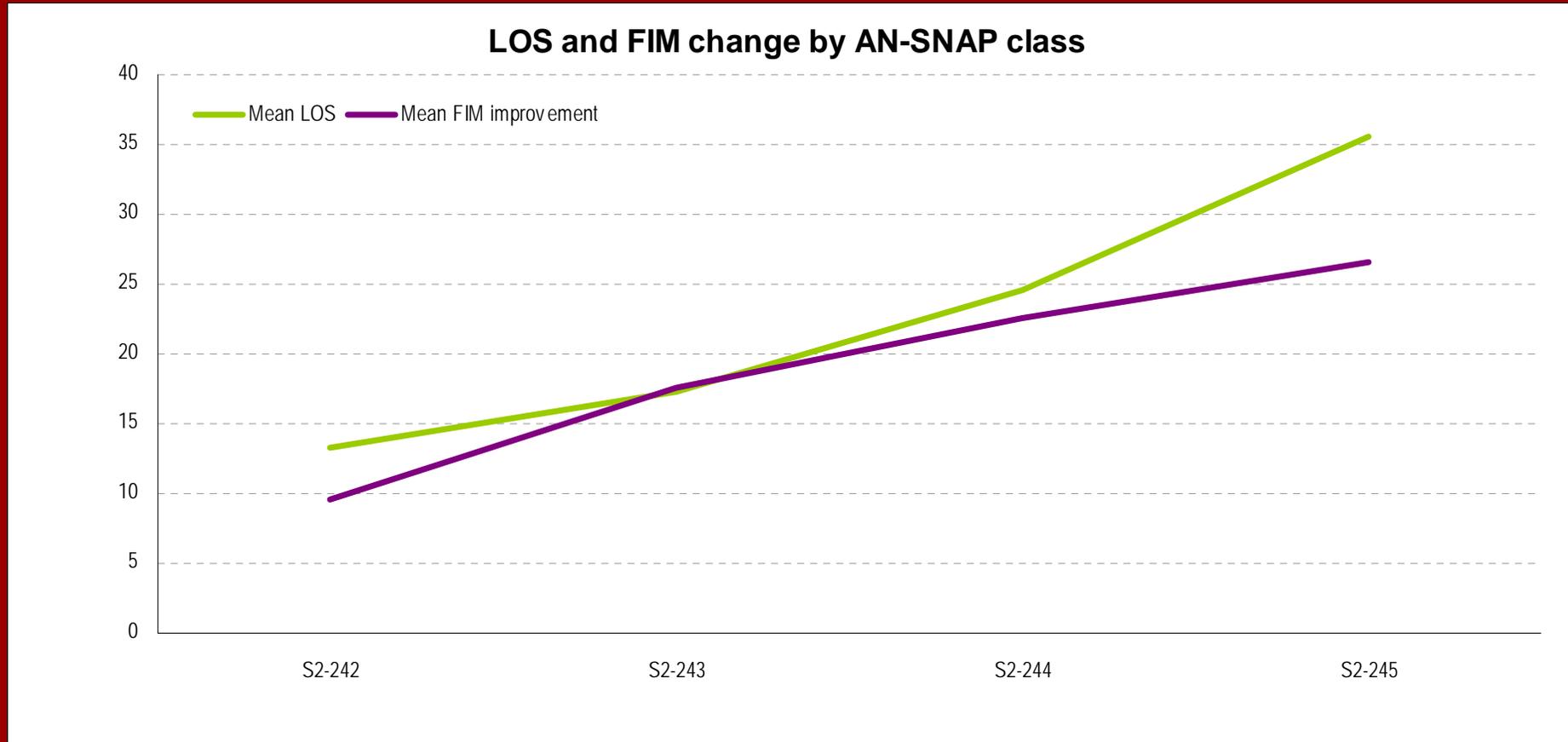
AN-SNAP class:	S2-242	S2-243	S2-244	S2-245	All Reconditioning
Number of episodes	4,396	5,321	3,771	380	13,868
Proportion of episodes	31.7%	38.4%	27.2%	2.7%	100.0%
Sector (%)					
<i>Private</i>	75.0	67.4	48.5	32.9	63.7
<i>Public</i>	25.0	32.6	51.5	67.1	36.3
Gender (%)					
<i>Female</i>	57.6	61.3	55.6	48.7	58.2
<i>Male</i>	42.4	38.7	44.4	51.3	41.8
Age (Mean+95%CI)	76.8 (76.5–77.2)	79.8 (79.5–80.1)	80.2 (79.9–80.6)	76.3 (74.9–77.7)	78.9 (78.7–79.1)
Admission FIM (Mean+95%CI)	106.6 (106.4–106.9)	90.0 (89.8–90.2)	69.0 (68.6–69.4)	40.9 (39.6–42.1)	89.5 (89.2–89.8)
LOS (Mean+95%CI)	13.3 (13.1–13.6)	17.3 (16.9–17.6)	24.5 (23.9–25.2)	35.5 (31.4–39.7)	18.1 (17.8–18.3)
Discharge destination (%)					
<i>Discharged to community</i>	92.8	88.3	76.9	63.9	86.0
<i>Remaining in hospital system</i>	7.2	11.7	23.1	36.1	14.0
FIM improvement (Mean+95%CI)	9.6 (9.4–9.8)	17.5 (17.3–17.8)	22.6 (22.0–23.1)	26.5 (23.4–29.6)	16.2 (16.0–16.5)
FIM efficiency (FIM imp./LOS)	0.7	1.0	0.9	0.7	0.9

Reconditioning discharge destination by AN-SNAP class



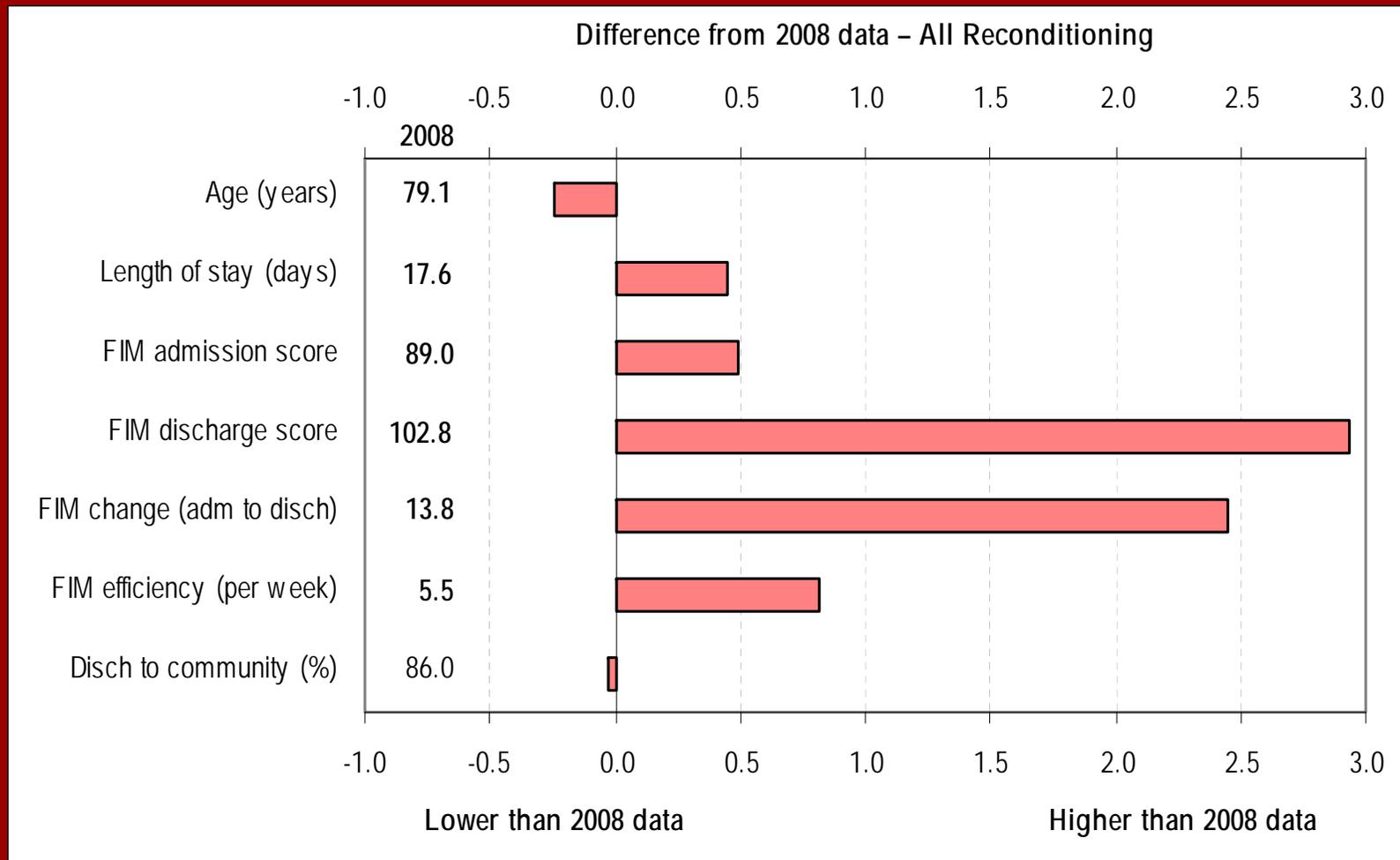
Reconditioning LOS and FIM change by AN-SNAP class

aroc



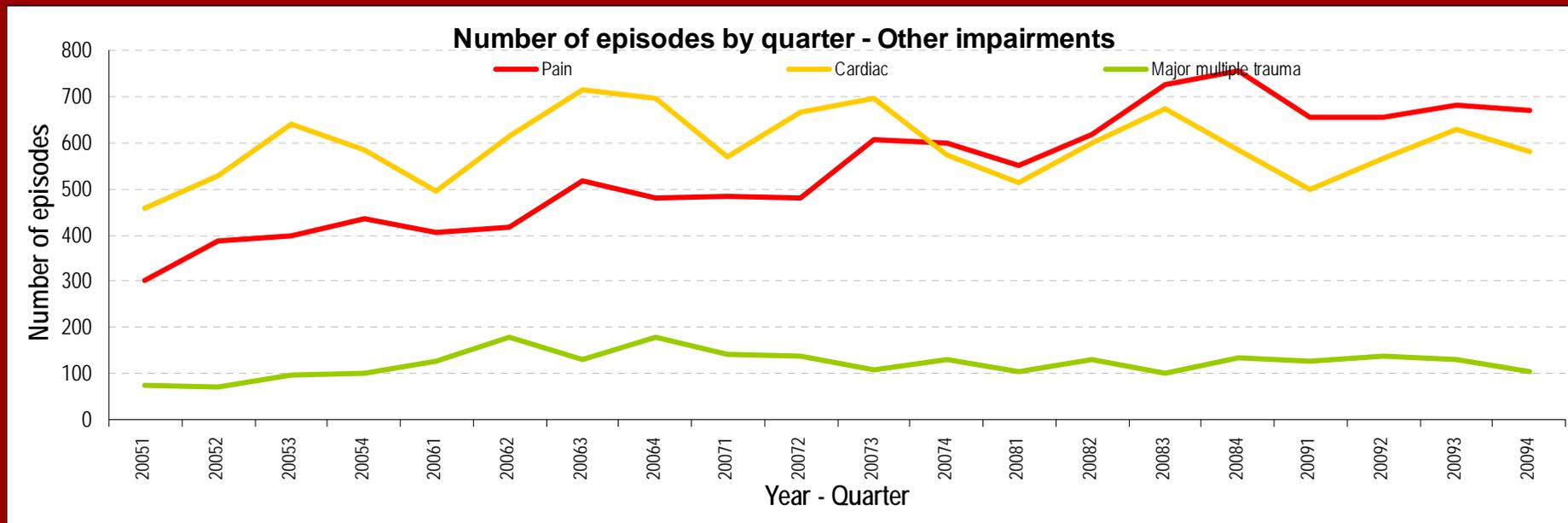
Change in outcome measures in reconditioning – 2008 to 2009

aroc



Change in other impairment episodes over time

aroc

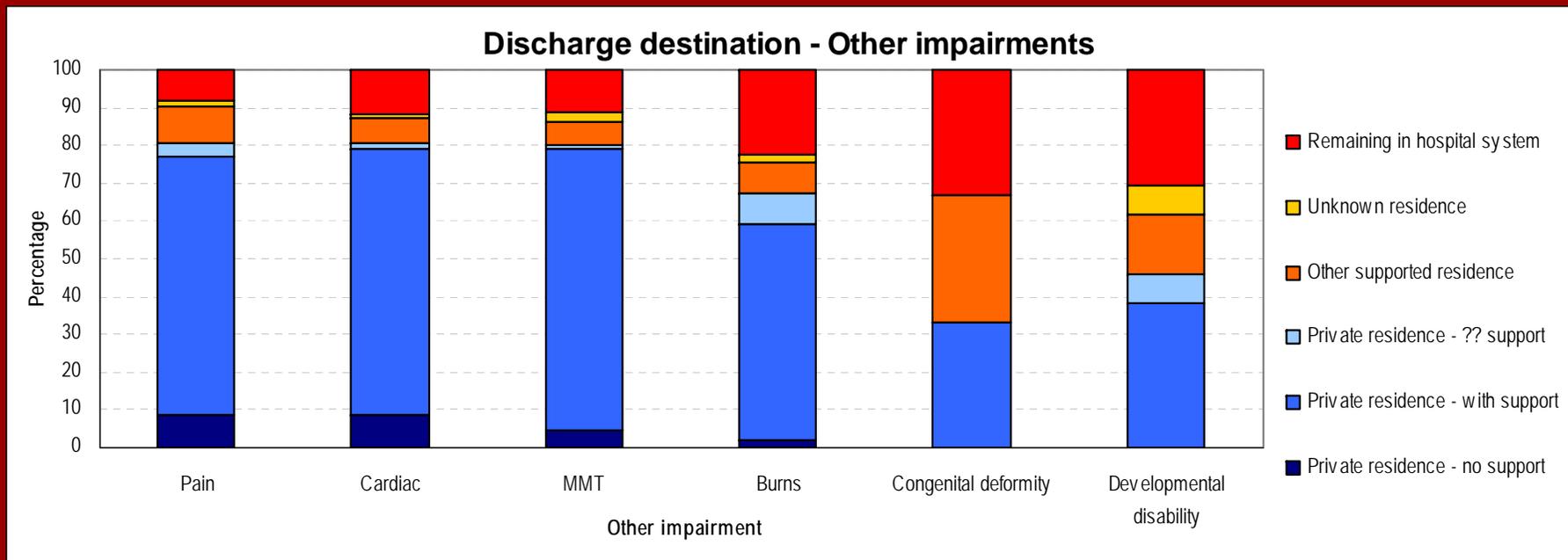


Other impairment episodes in 2009



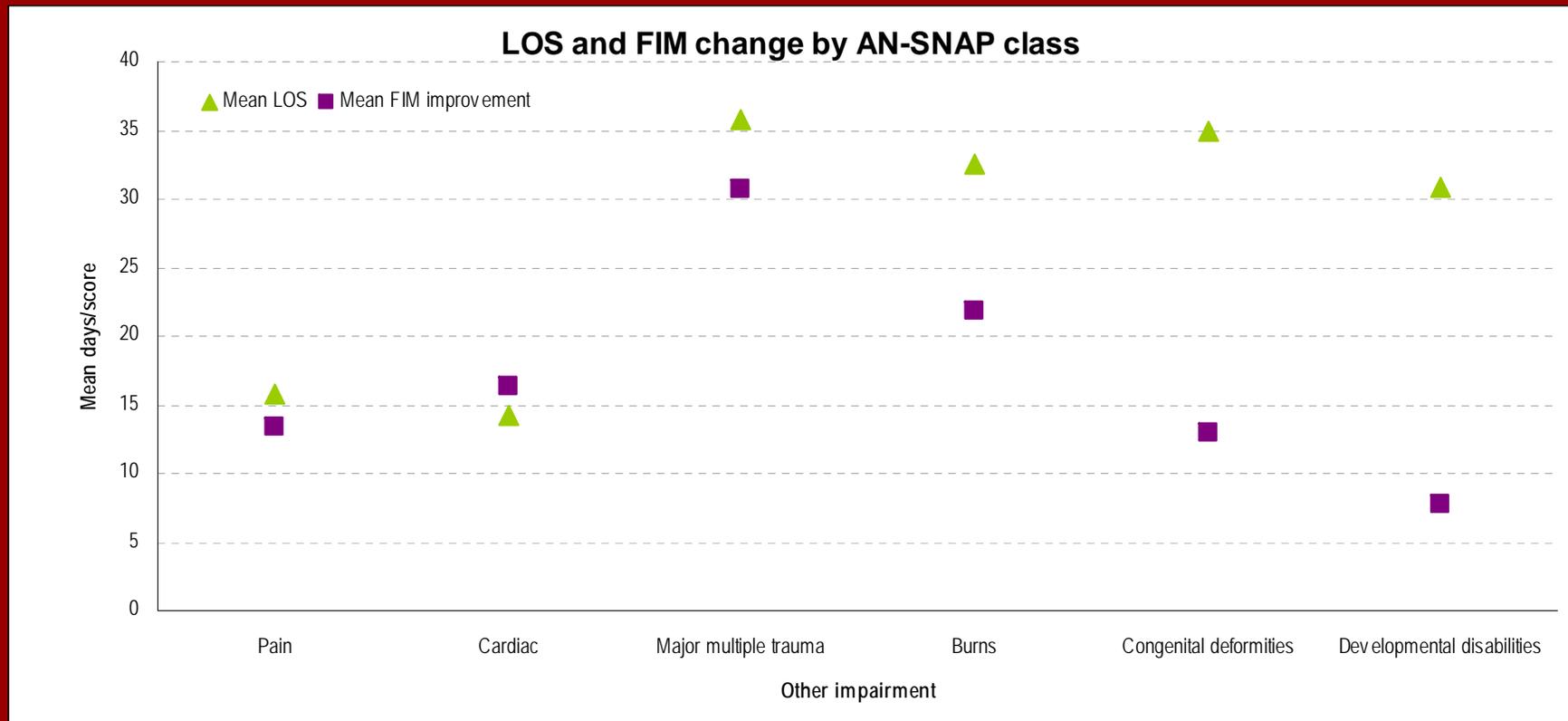
	Pain	Cardiac	MMT	Burns	Congenital deformity	Developmental disability
Number of episodes	2,659	2,277	499	49	12	13
Proportion of total episodes in 2009	4.2%	3.6%	0.8%	0.1%	0.0%	0.000203408
Sector (%)						
<i>Private</i>	74.1	75.8	73.5	8.2	0.0	15.38461538
<i>Public</i>	25.9	24.2	26.5	91.8	100.0	84.61538462
Gender (%)						
<i>Female</i>	70.5	51.8	36.1	32.7	75.0	46.15384615
<i>Male</i>	29.5	48.2	63.9	67.3	25.0	53.84615385
Age (Mean+95%CI)	73.7 (73.1–74.4)	79.1 (78.7–79.5)	45.8 (44.0–47.7)	52.0 (46.2–57.7)	42.5 (34.1–50.9)	69.0 (57.5–80.5)
Admission FIM (Mean+95%CI)	96.7 (96.0–97.4)	96.5 (95.8–97.1)	81.6 (79.5–83.7)	83.3 (76.9–89.7)	73.1 (52.1–94.1)	71.1 (51.8–90.4)
LOS (Mean+95%CI)	15.8 (15.4–16.2)	14.2 (13.8–14.7)	35.7 (32.4–39.1)	32.6 (24.1–41.1)	35.0 (-17.0–87.0)	30.9 (1.8–60.0)
Discharge destination (%)						
<i>Discharged to community</i>	92.0	88.4	88.6	77.6	66.7	69.23076923
<i>Remaining in hospital system</i>	8.0	11.6	11.4	22.4	33.3	30.76923077
FIM improvement (Mean+95%CI)	13.3 (12.9–13.7)	16.4 (15.9–16.8)	30.7 (28.8–32.6)	21.9 (15.0–28.8)	13.0 (6.9–19.1)	7.7 (1.7–13.7)
FIM efficiency (FIM imp./LOS)	0.8	1.1	0.9	0.7	0.4	0.249190939

Other impairment discharge destination by AN-SNAP class



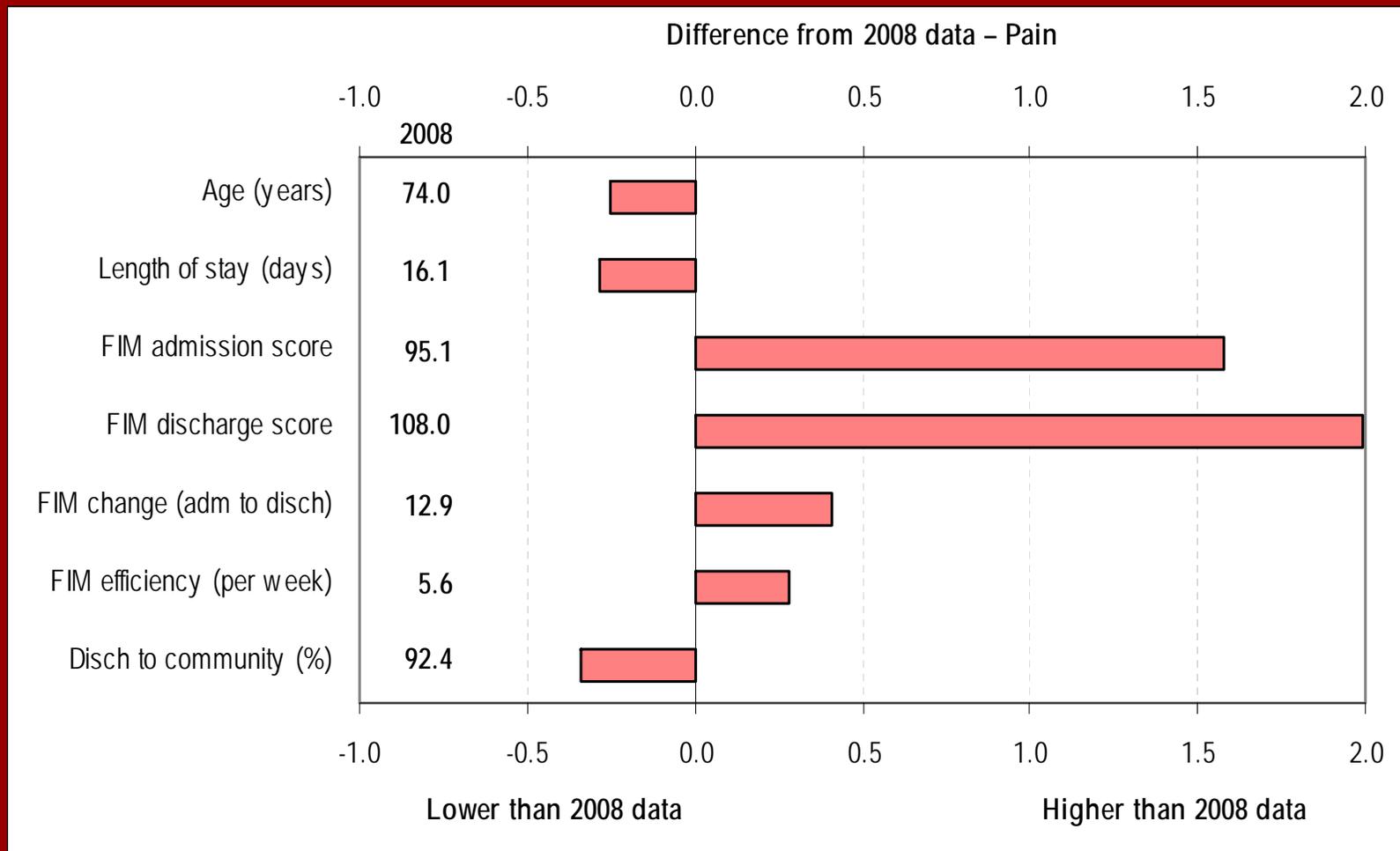
Other impairment LOS and FIM change by AN-SNAP class

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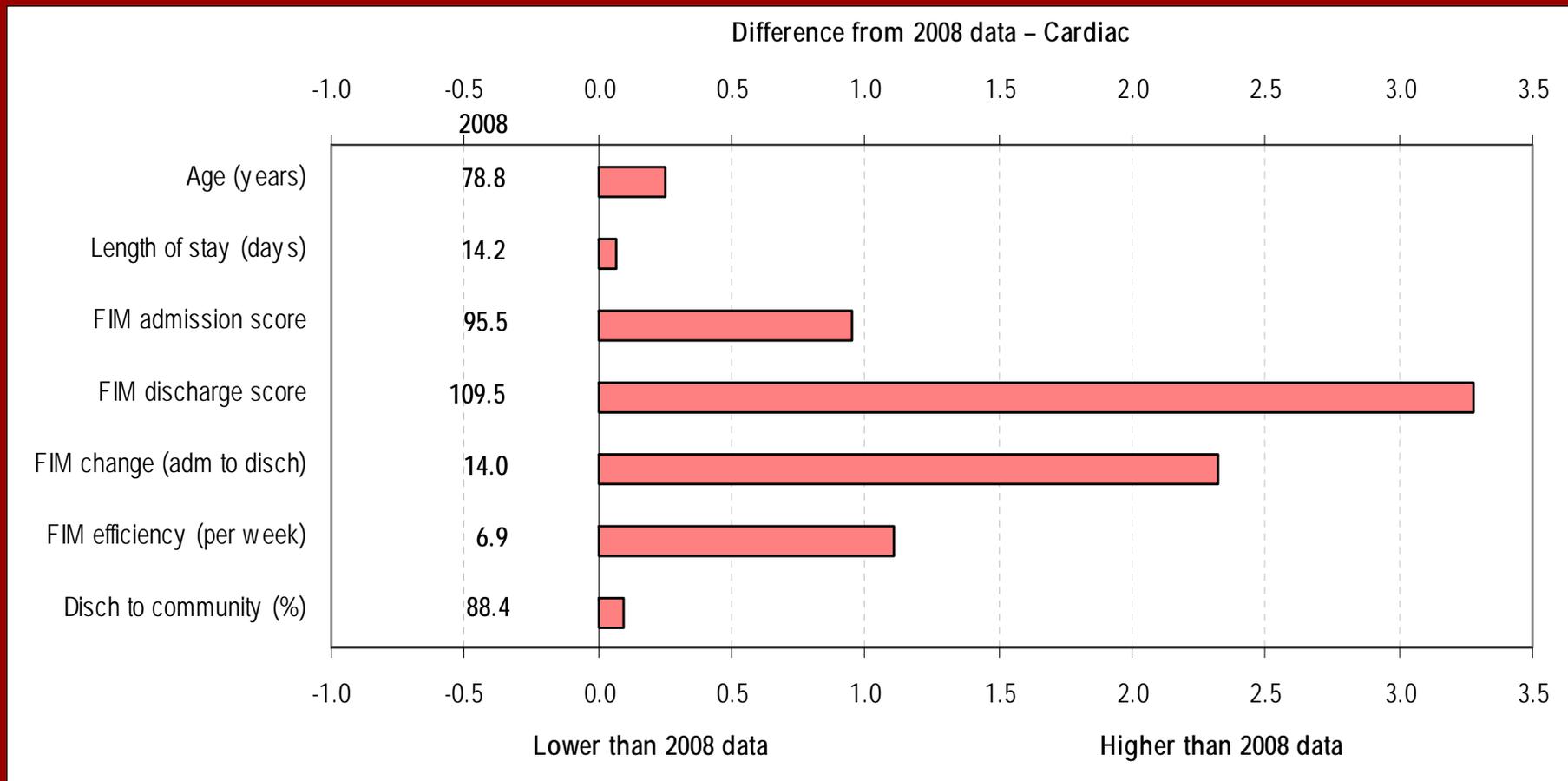
Change in outcome measures in pain – 2008 to 2009

aroc



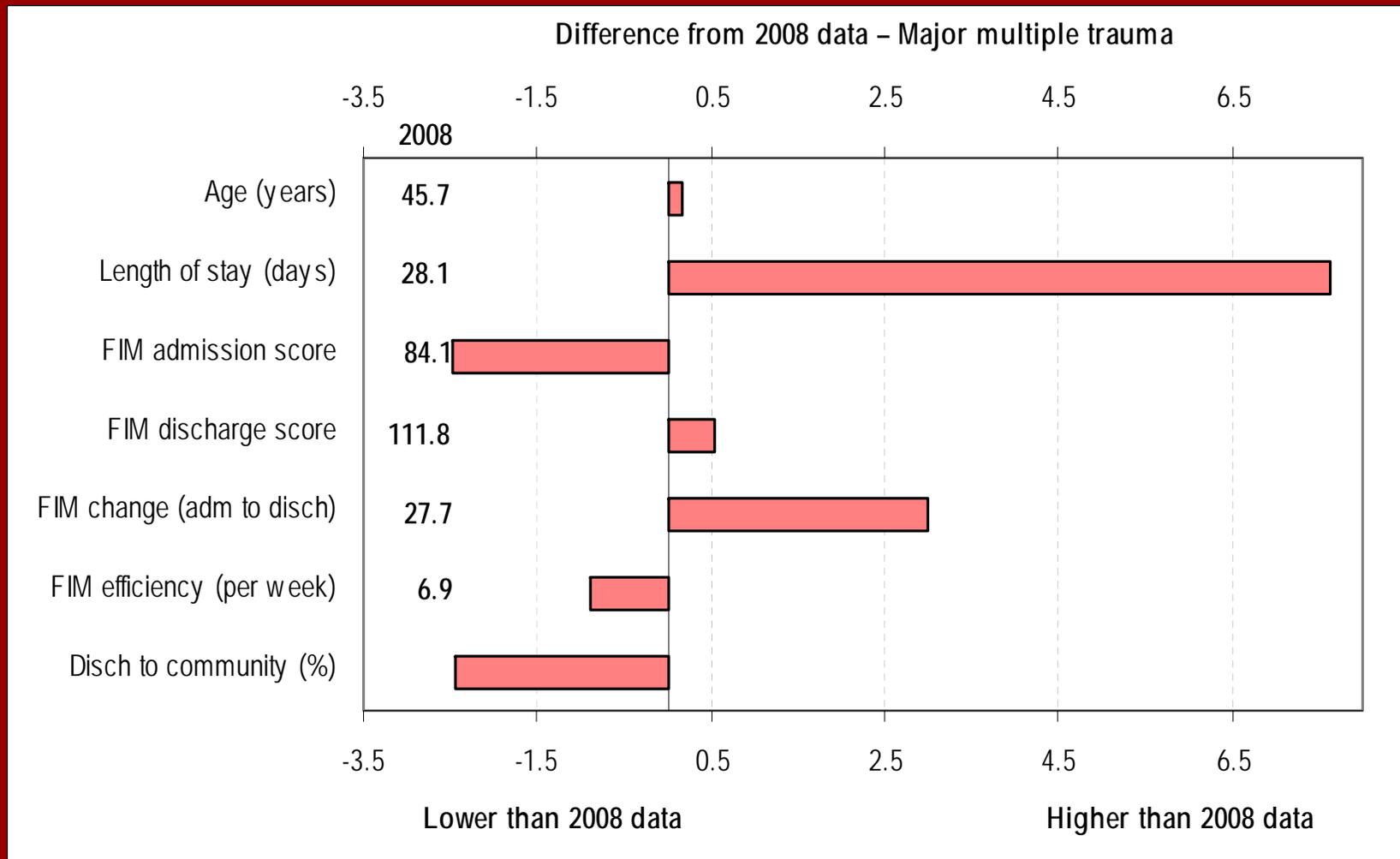
Change in outcome measures in cardiac – 2008 to 2009

aroc



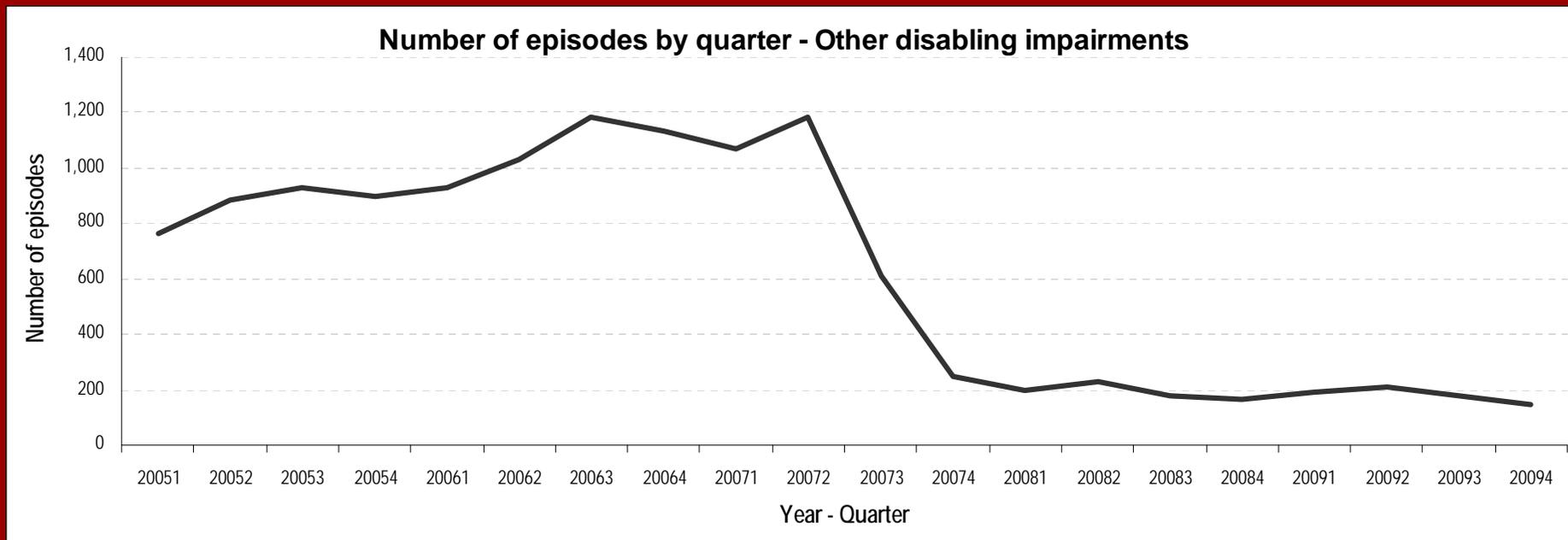
Change in outcome measures in MMT – 2008 to 2009

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Change in other disabling impairment episodes over time

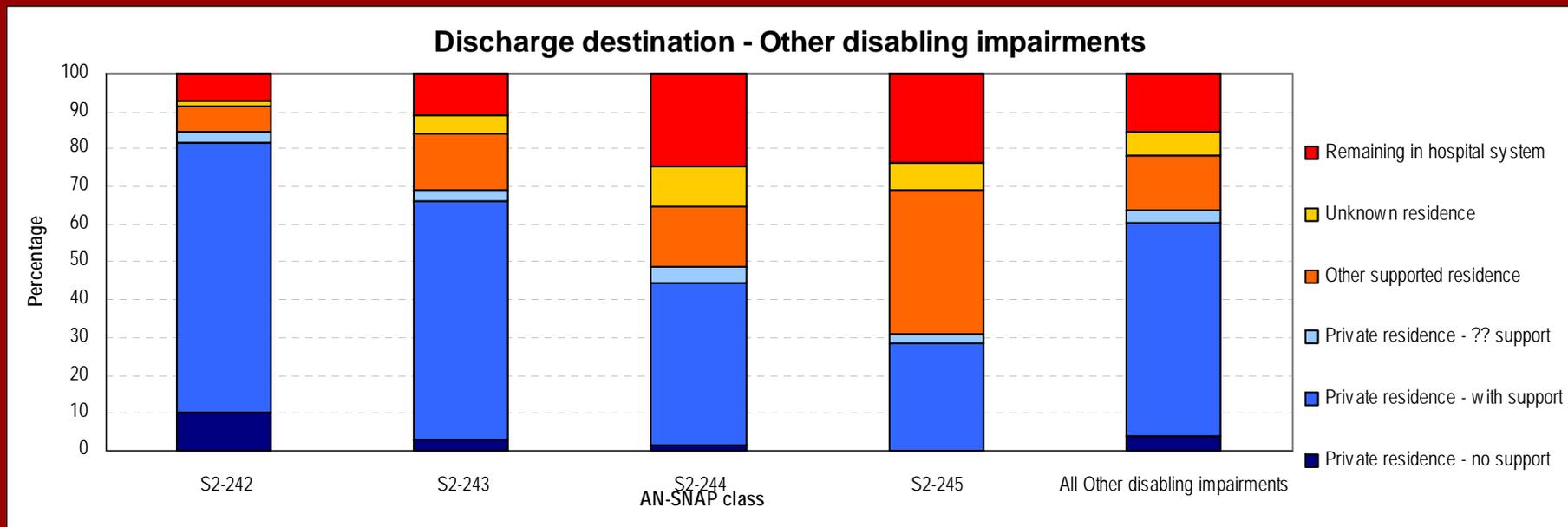
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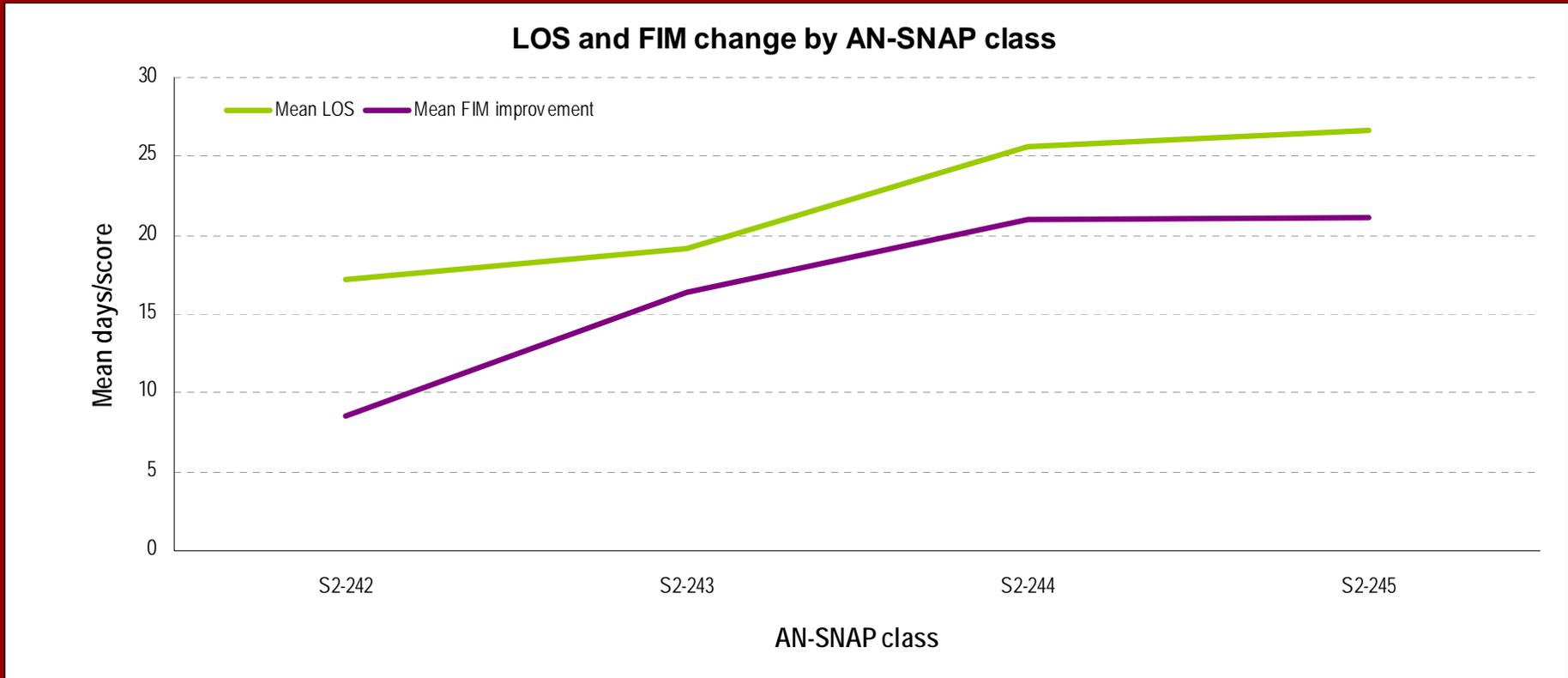
Other disabling impairment episodes in 2009

AN-SNAP class:	S2-242	S2-243	S2-244	S2-245	All Other disabling impairments
Number of episodes	181	257	245	42	725
Proportion of episodes	25.0%	35.4%	33.8%	5.8%	100.0%
Sector (%)					
<i>Private</i>	54.7	33.9	12.7	0.0	29.9
<i>Public</i>	45.3	66.1	87.3	100.0	70.1
Gender (%)					
<i>Female</i>	63.5	64.2	52.7	59.5	59.9
<i>Male</i>	36.5	35.8	47.3	40.5	40.1
Age (Mean+95%CI)	70.2 (67.7–72.7)	79.1 (77.6–80.6)	79.1 (77.6–80.6)	75.1 (70.1–80.1)	76.7 (75.6–77.7)
Admission FIM (Mean+95%CI)	98.4 (98.2–98.7)	82.6 (82.3–82.8)	66.5 (66.1–66.9)	45.3 (44.3–46.3)	84.8 (83.1–86.5)
LOS (Mean+95%CI)	17.2 (15.6–18.7)	19.1 (17.5–20.8)	25.6 (23.3–28.0)	26.7 (20.5–32.8)	21.0 (19.9–22.1)
Discharge destination (%)					
<i>Discharged to community</i>	92.8	88.7	75.5	76.2	84.6
<i>Remaining in hospital system</i>	7.2	11.3	24.5	23.8	15.4
FIM improvement (Mean+95%CI)	8.6 (7.6–9.5)	16.4 (15.4–17.5)	21.0 (18.9–23.2)	21.1 (12.9–29.2)	16.0 (15.0–16.9)
FIM efficiency (FIM imp./LOS)	0.5	0.9	0.8	0.8	0.8

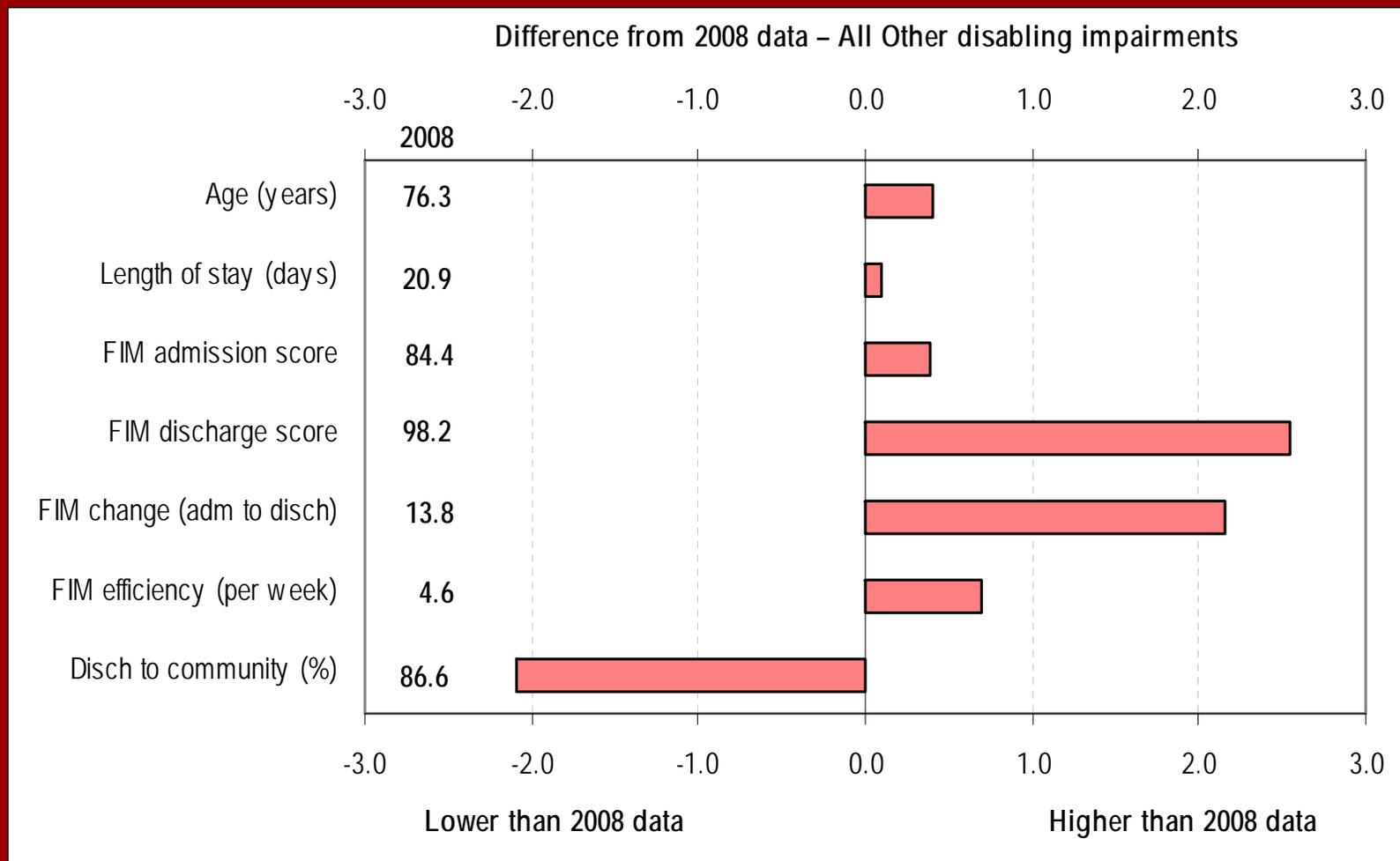
Other disabling impairment discharge destination by AN-SNAP class



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



Change in outcome measures in other disabling impairments – 2008 to 2009



aroc

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