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The AROC Annual Report:  
the state of rehabilitation  
in Australia in 2011

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# Introduction

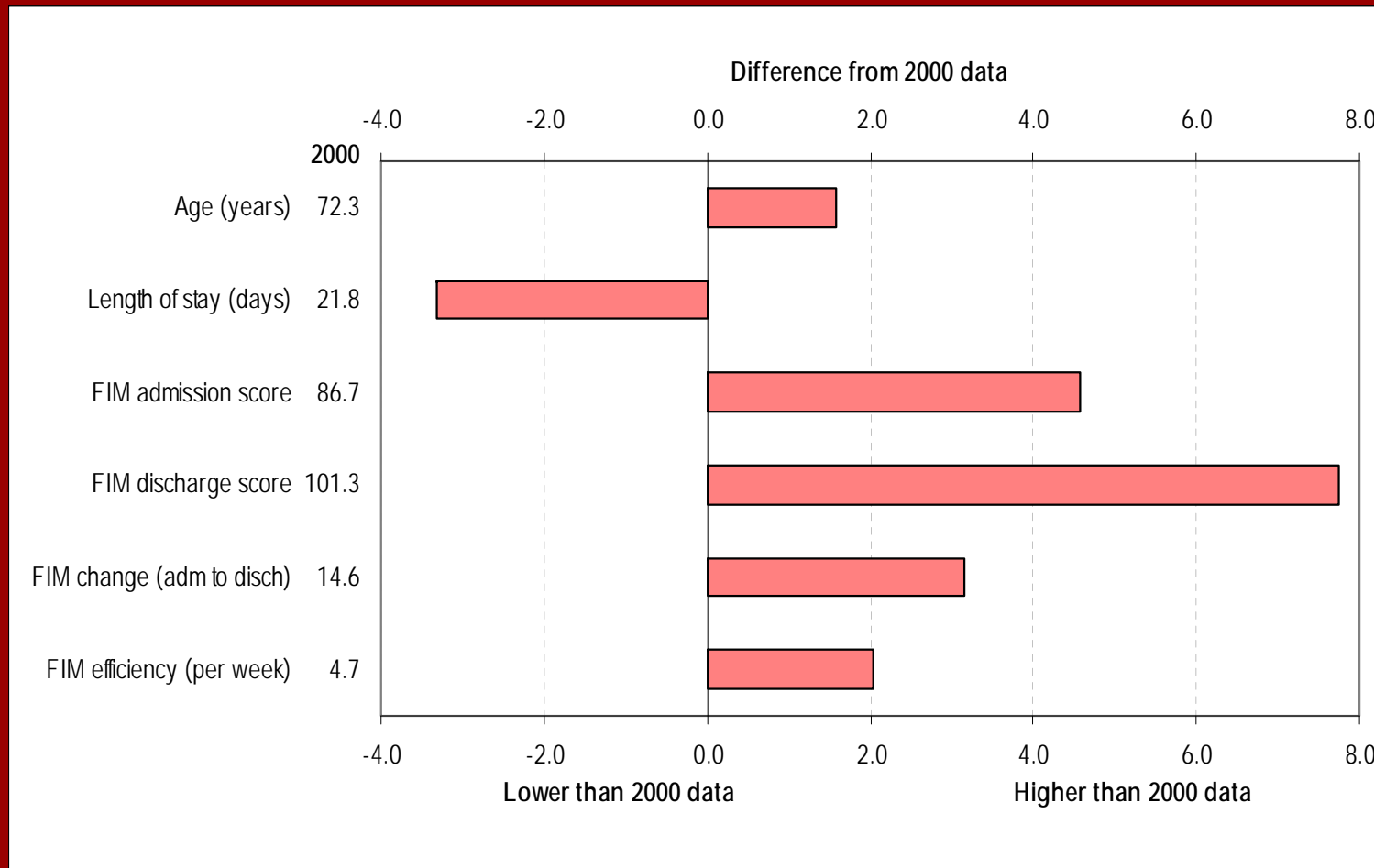
This is the seventh comprehensive annual report describing discharge episodes from subacute inpatient rehabilitation programs provided by facilities that are members of the Australasian Rehabilitation Outcomes Centre (AROC)<sup>1</sup>.

The inaugural report was published in April 2007 and described the 2005 data; this seventh instalment describes the 2011 data.

The provision of rehabilitation in Australia continues to grow in volume, with 2011 seeing a 5% real increase in inpatient episodes of rehabilitation provided. Once again the majority of that volume growth is coming from the reconditioning impairment group.

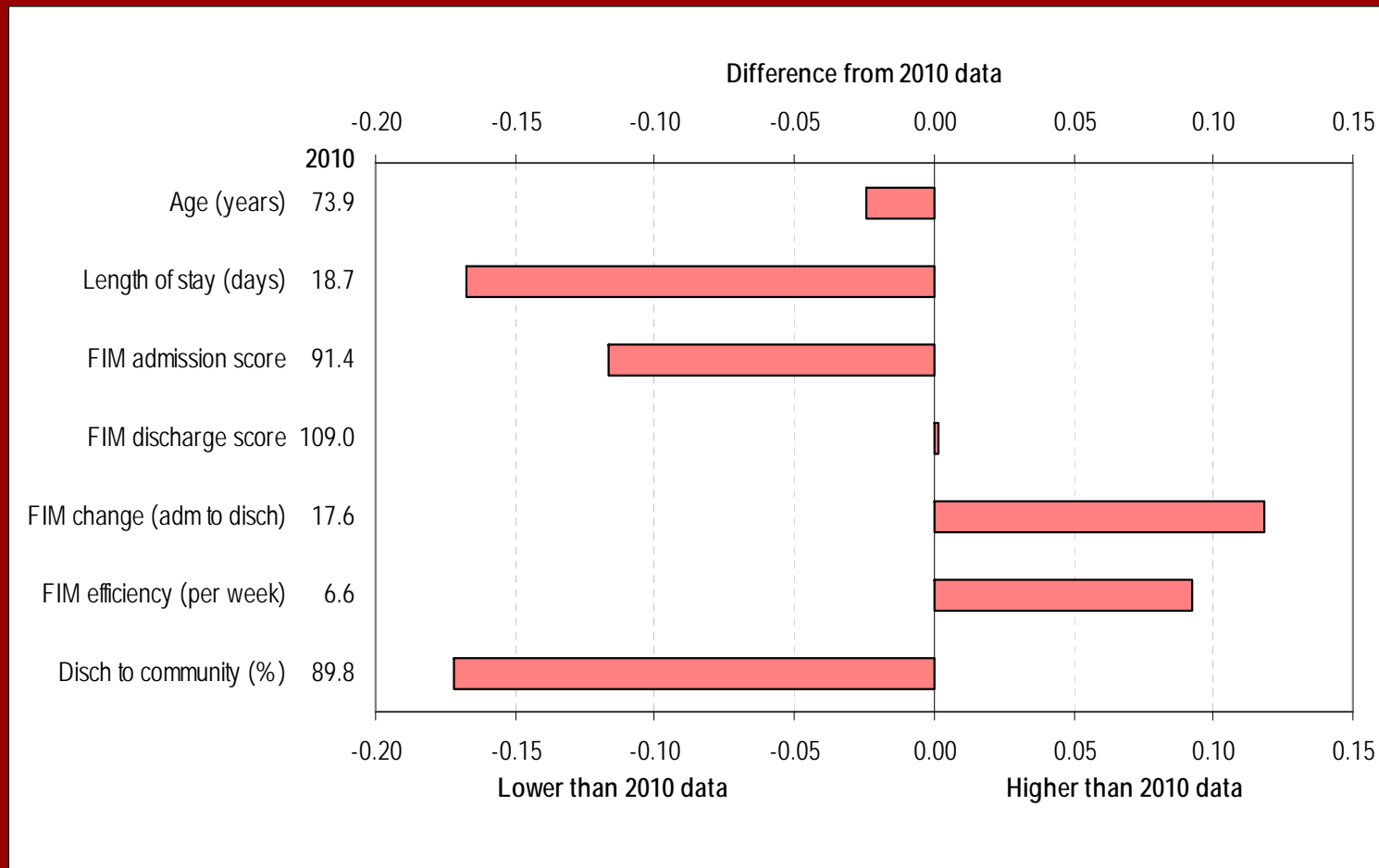
# Change in outcome measures, 2000 to 2011

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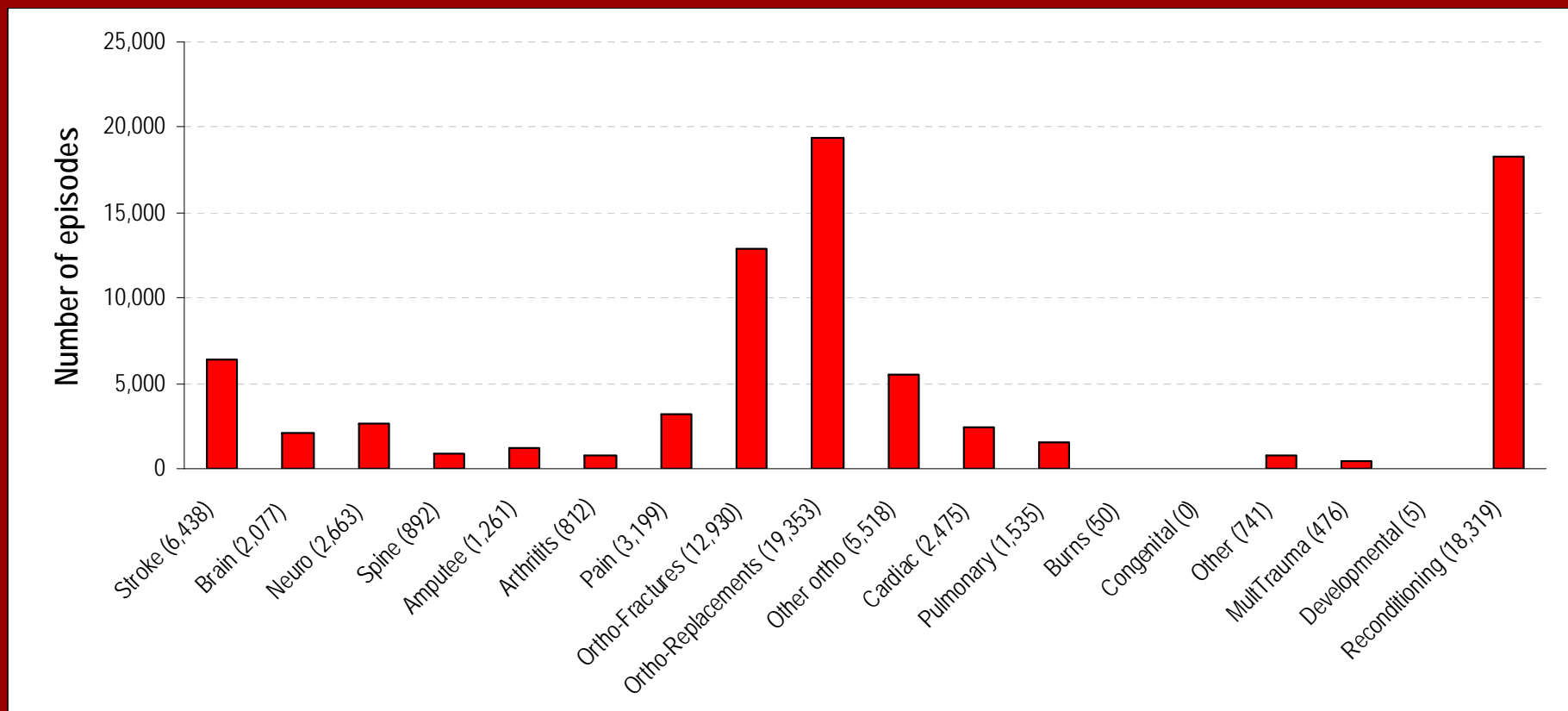


# Change in outcome measures, 2010 to 2011

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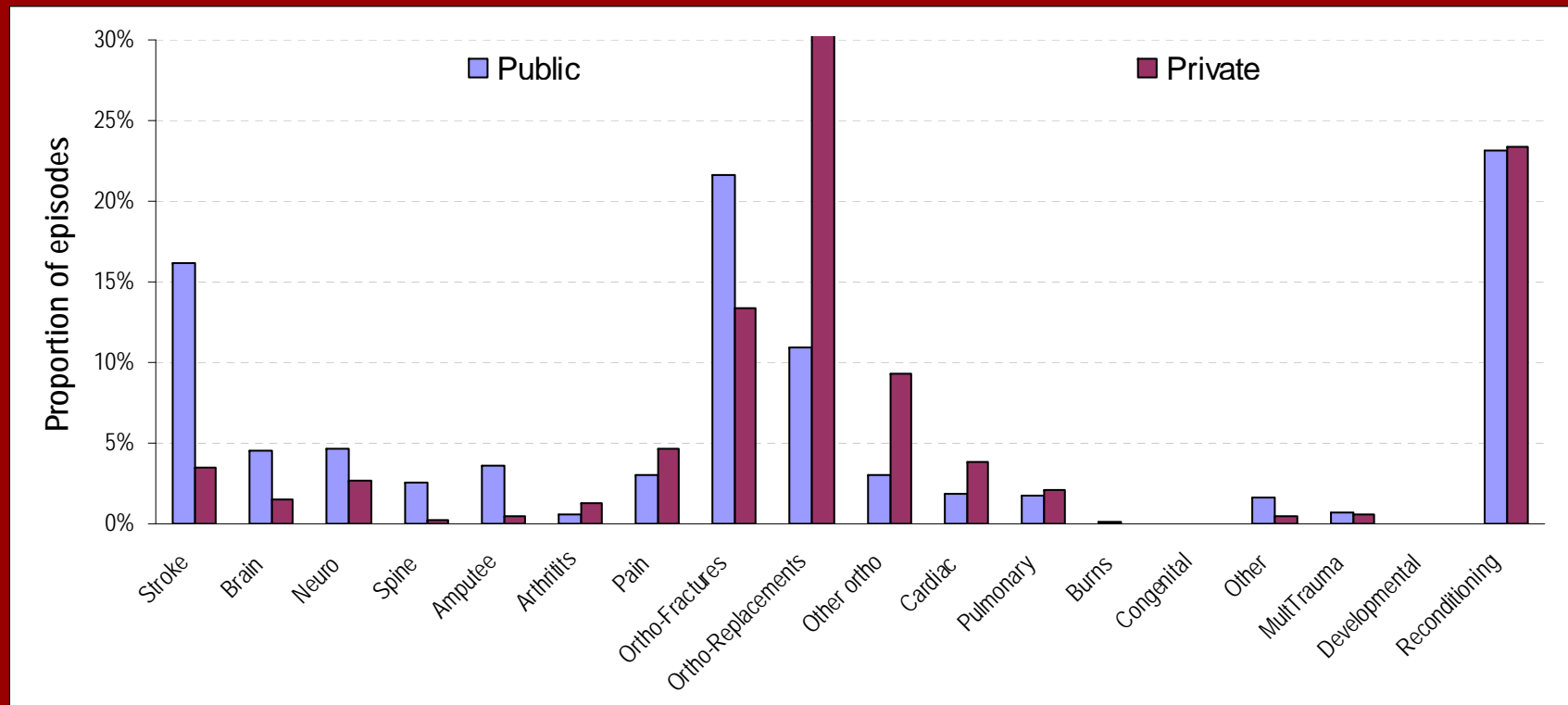


# Number of episodes by impairment group, 2011

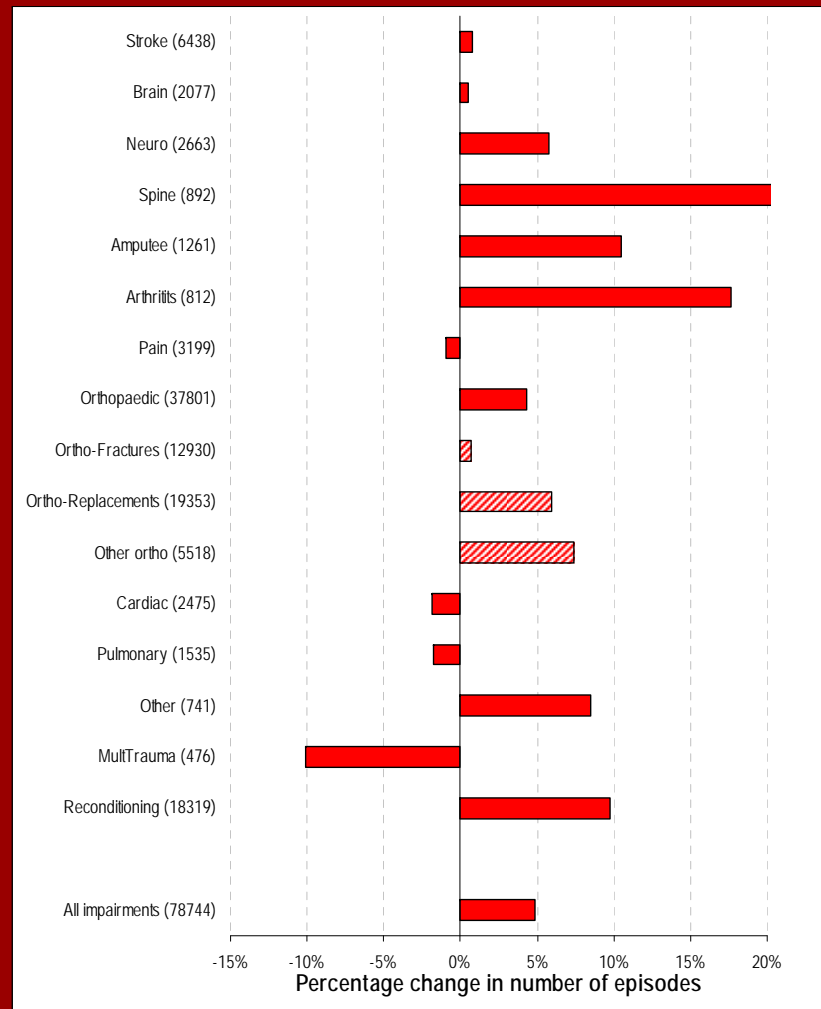


# Proportion of episodes by impairment group and sector, 2011

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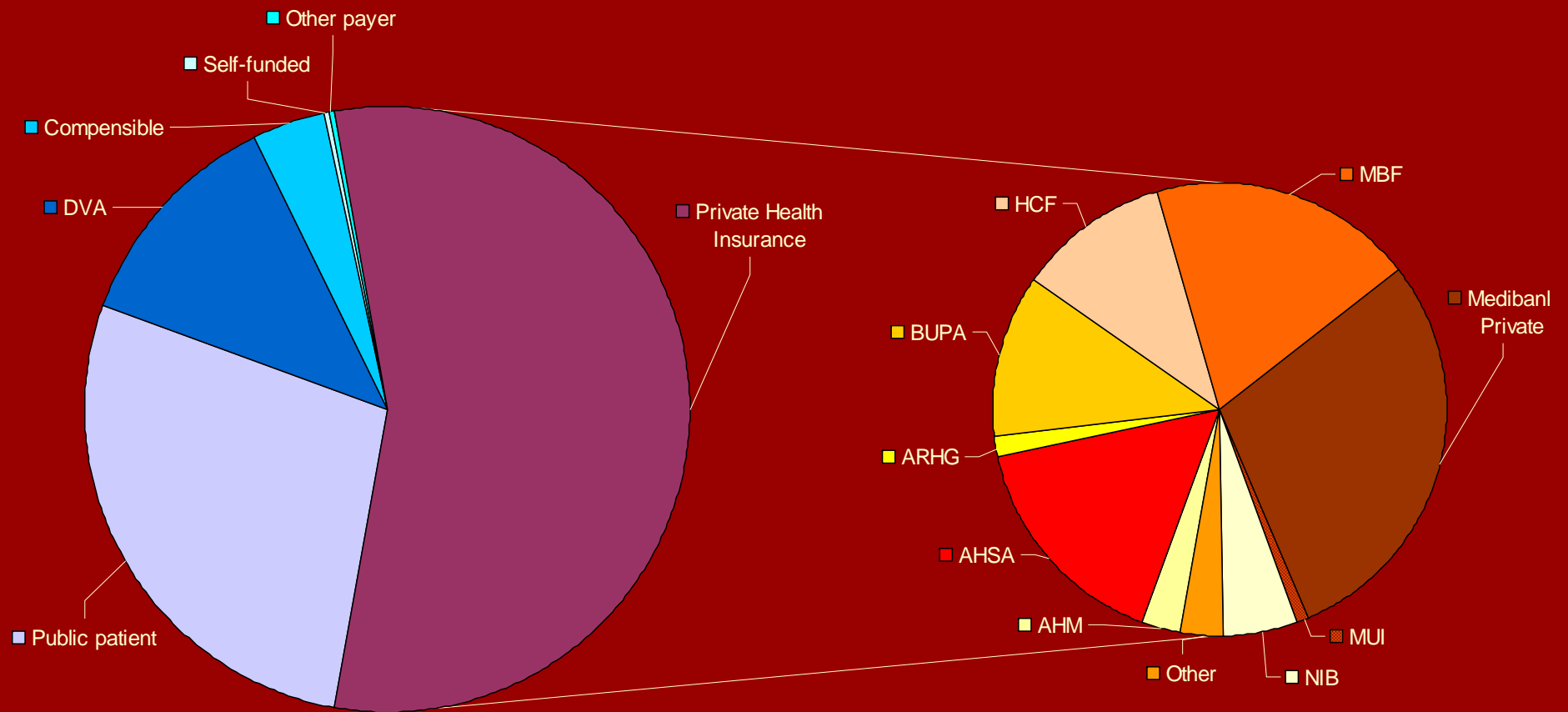


# Change in number of episodes by impairment group, 2010 to 2011





# Funding source for rehabilitation in Australia, 2011

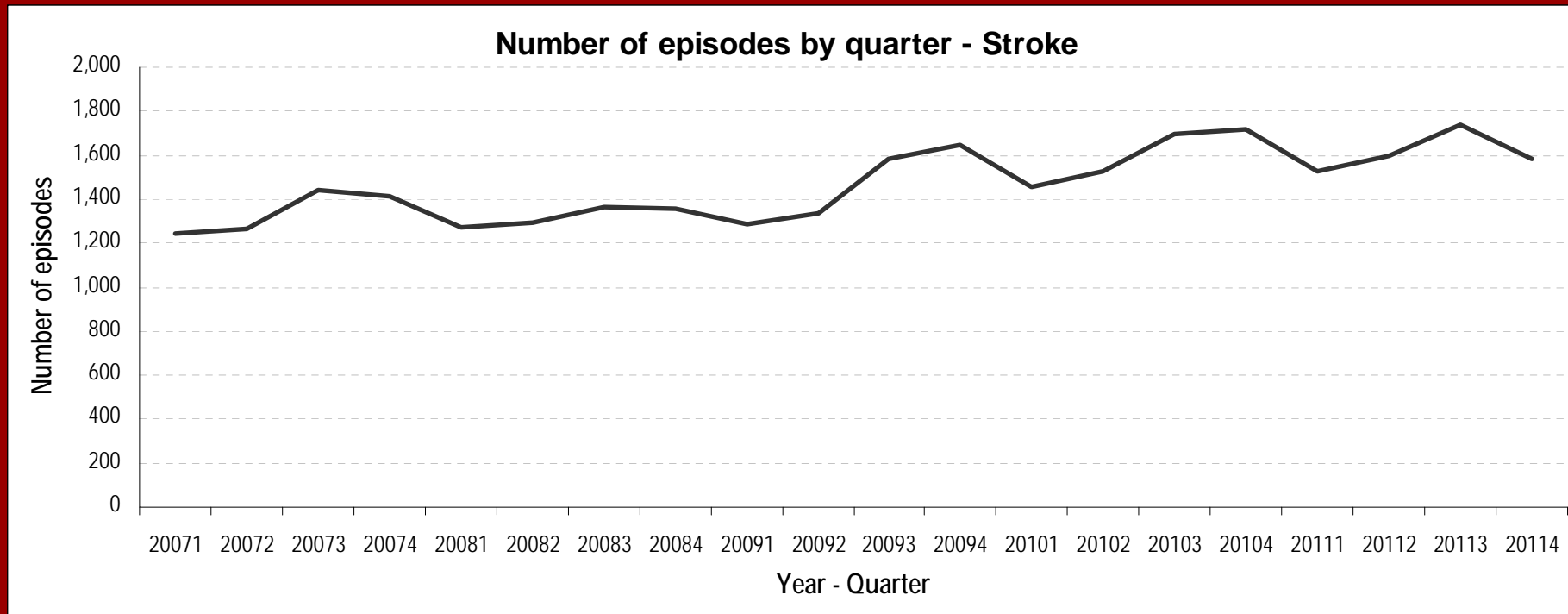


# Outcomes by impairment

A series of figures and tables are provided for each impairment category; these outline the key descriptive data for 2011, changes in episode volumes between 2007 and 2011, and changes in rehabilitation outcome measures between 2010 and 2011:

- 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 2011 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 ANSNAP class.
- The fourth figure provides a graphical representation of 2011 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 2010 and 2011. The horizontal axis describes the difference between the 2010 and 2011 averages, while the actual 2010 data are presented on the left side of the graph.

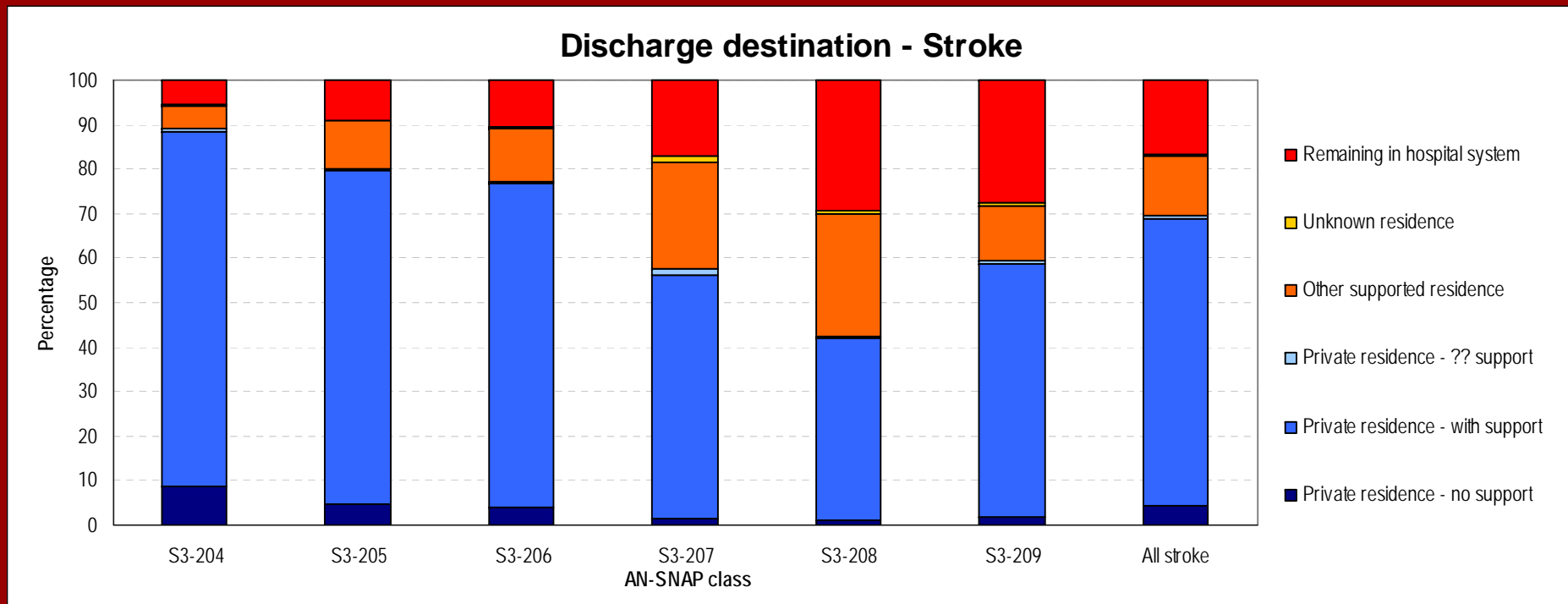
# Change in stroke episodes over time



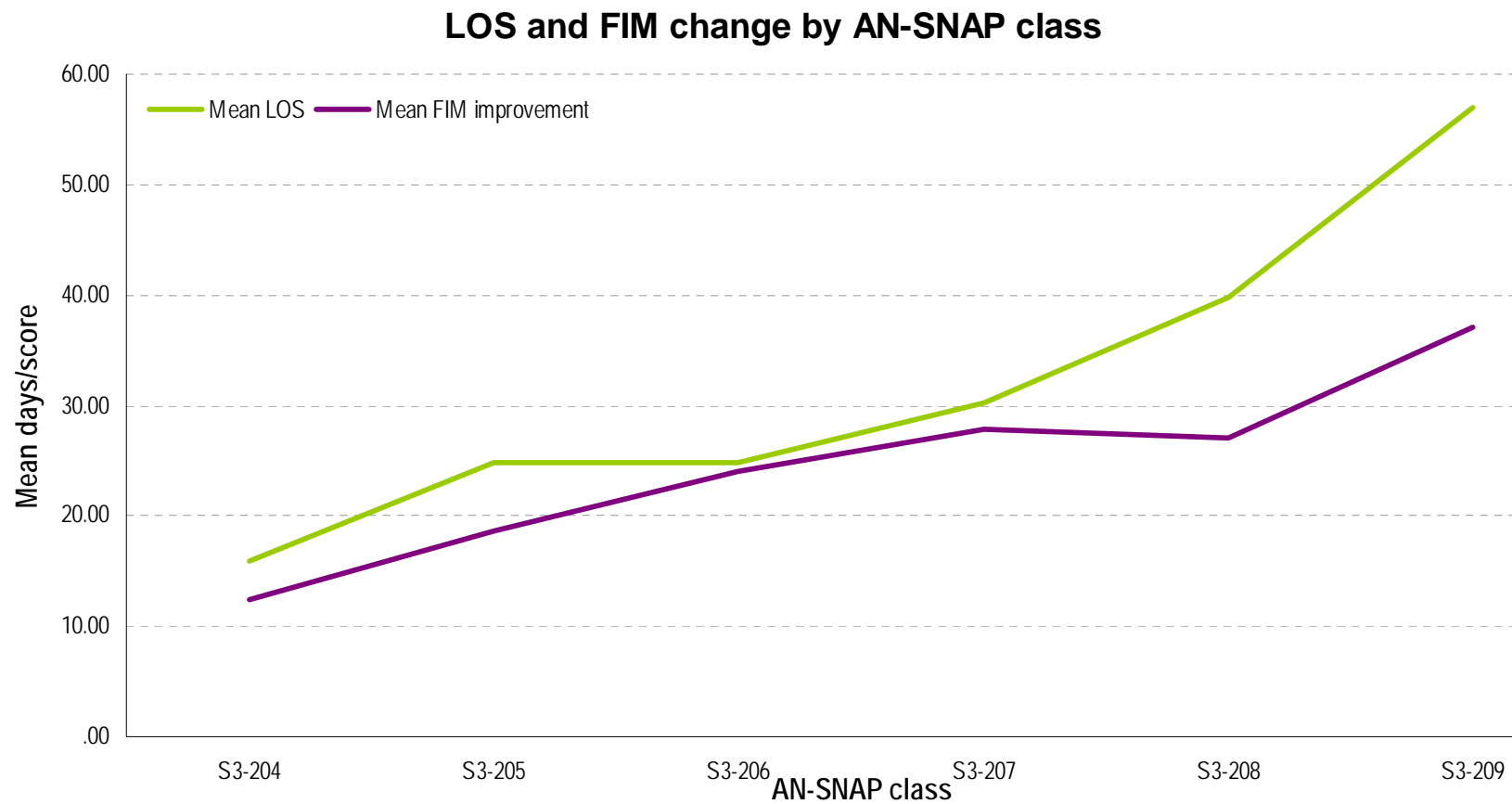
# Stroke episodes in 2011

AN-SNAP class:	S3-204	S3-205	S3-206	S3-207	S3-208	S3-209	All stroke
Number of episodes	1,900	220	1,526	153	1,375	1,264	6,438
Proportion of episodes	29.5%	3.4%	23.7%	2.4%	21.4%	19.6%	100.0%
Sector (%)							
<i>Private</i>	33.2	17.7	37.1	22.2	23.9	12.7	27.3
<i>Public</i>	66.8	82.3	62.9	77.8	76.1	87.3	72.7
Gender (%)							
<i>Female</i>	44.2	41.4	49.7	44.4	54.4	37.7	46.3
<i>Male</i>	55.8	58.6	50.3	55.6	45.6	62.3	53.7
Age (Mean+95%CI)	71.5 (70.9–72.1)	69.6 (67.6–71.6)	76.1 (75.4–76.7)	75.9 (73.8–78.1)	82.9 (82.6–83.2)	62.4 (61.8–62.9)	73.3 (72.9–73.6)
Admission FIM (Mean+95%CI)	104.6 (104.2–105.0)	88.7 (87.4–90.0)	82.5 (82.1–82.9)	65.6 (64.6–66.5)	52.7 (51.8–53.6)	52.8 (51.9–53.7)	79.0 (78.3–79.6)
LOS (Mean+95%CI)	15.9 (15.4–16.4)	24.9 (22.3–27.4)	24.8 (23.9–25.6)	30.3 (26.6–34.0)	39.8 (38.3–41.2)	57.0 (54.5–59.6)	30.4 (29.6–31.1)
Discharge destination (%)							
<i>Discharged to community</i>	94.5	90.9	89.4	83.0	70.5	72.5	83.4
<i>Remaining in hospital system</i>	5.5	9.1	10.6	17.0	29.5	27.5	16.6
FIM improvement (Mean+95%CI)	12.3 (12.0–12.7)	18.7 (17.1–20.2)	24.0 (23.4–24.6)	27.8 (25.2–30.5)	27.1 (25.9–28.2)	37.0 (35.7–38.3)	22.9 (22.4–23.3)
FIM efficiency (FIM imp./LOS)	0.8	0.8	1.0	0.9	0.7	0.6	0.8

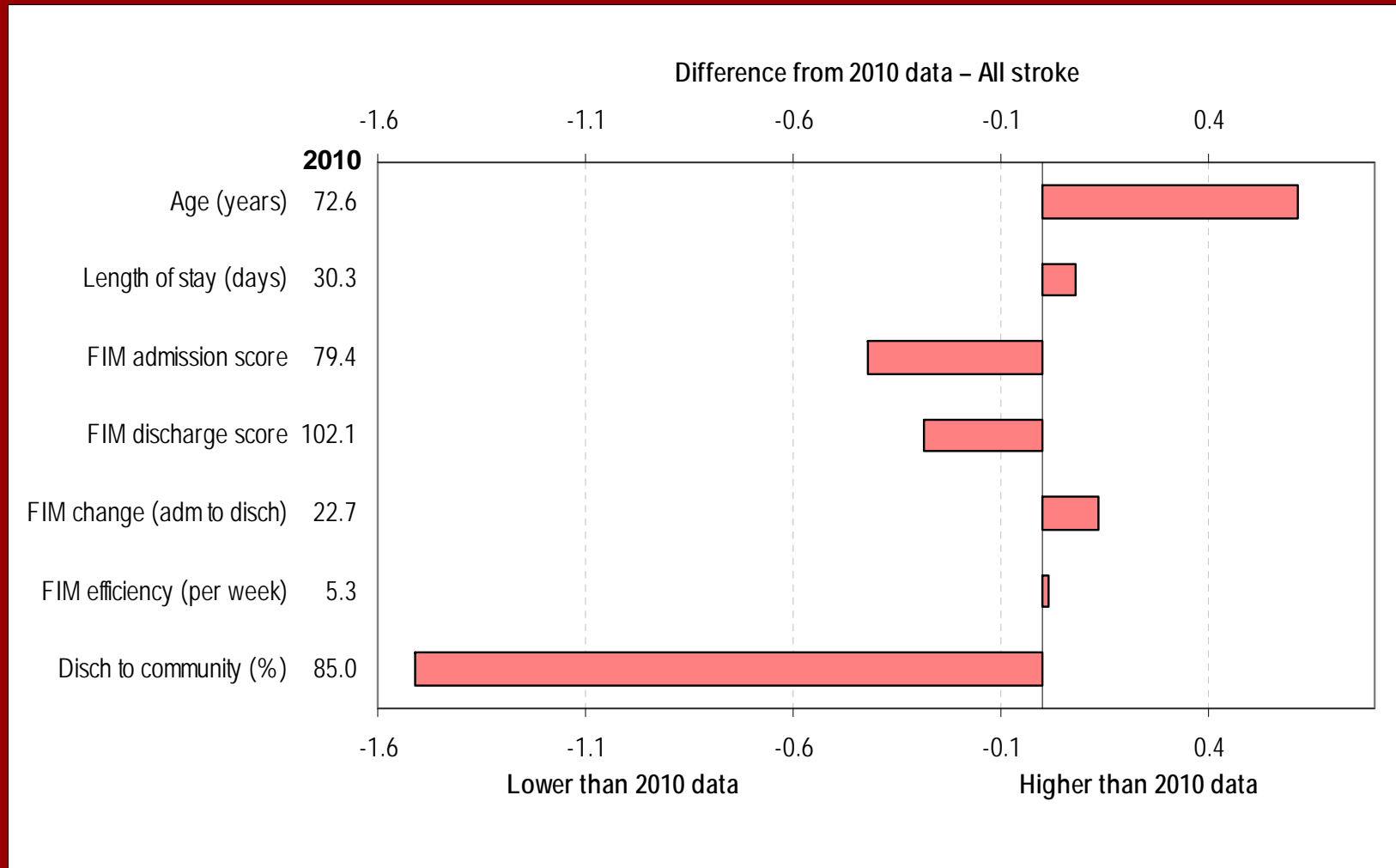
# Stroke discharge destination by AN-SNAP class



# Stroke LOS and FIM change by AN-SNAP class

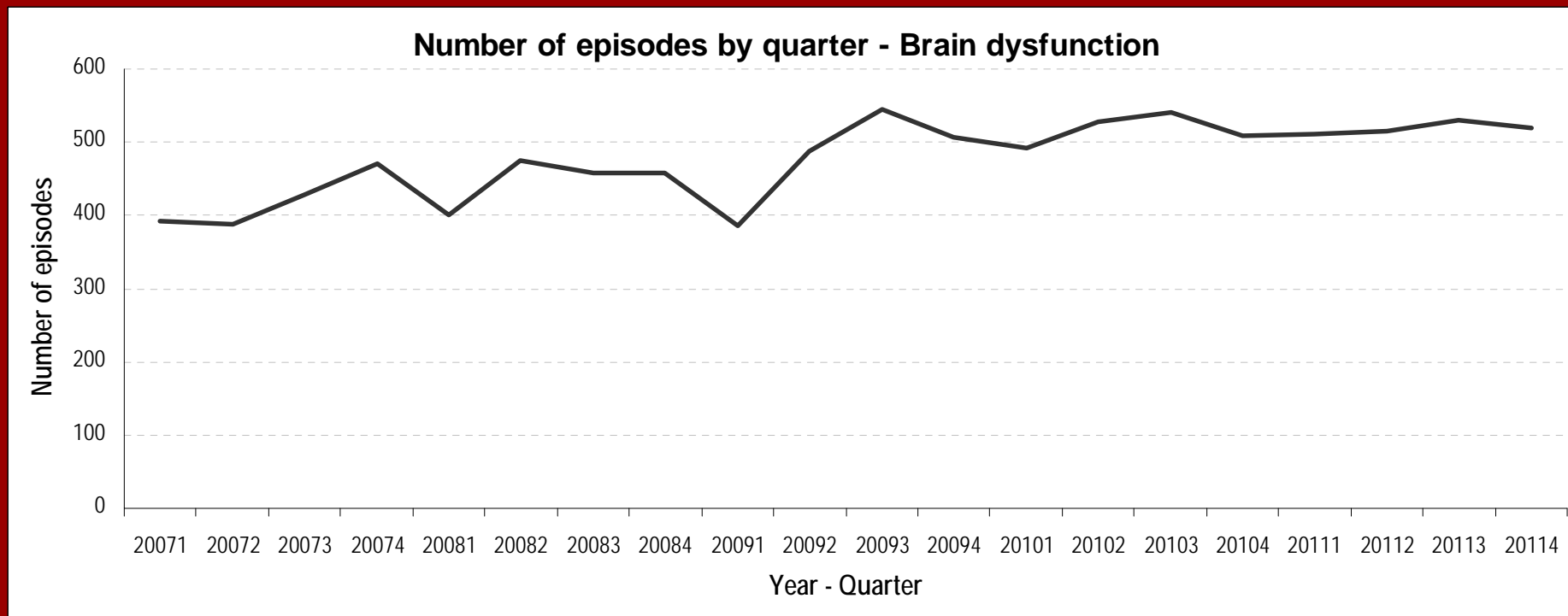


# Changes in outcome measures in stroke – 2010 to 2011



# Change in brain dysfunction episodes over time

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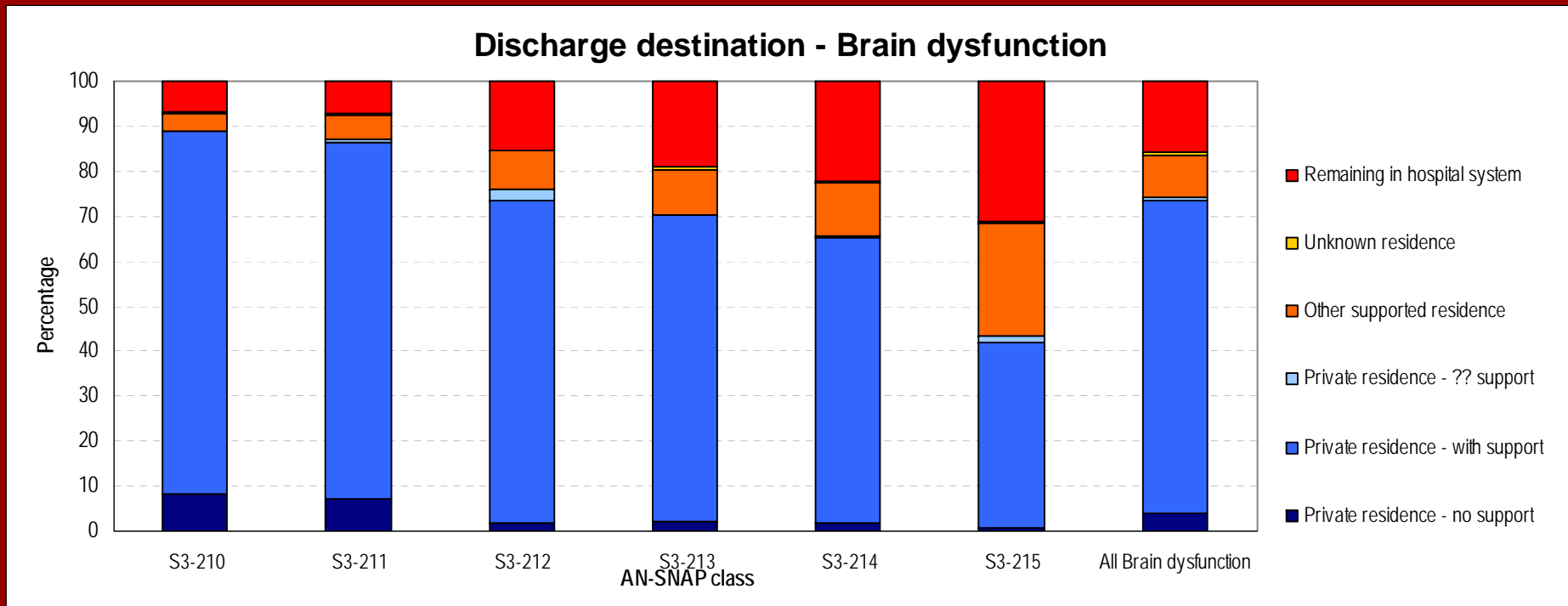




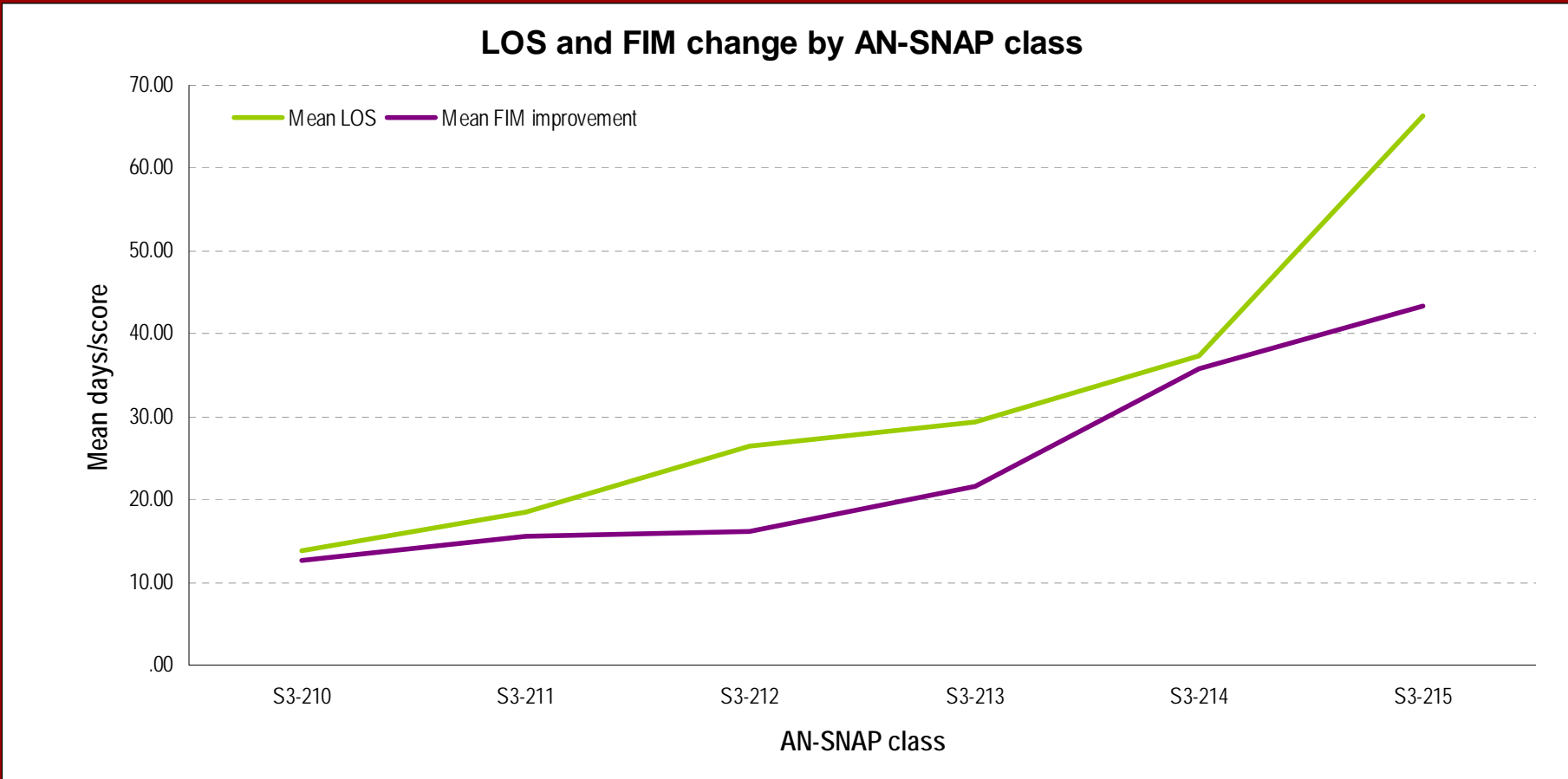
# Brain dysfunction episodes in 2011

AN-SNAP class:	S3-210	S3-211	S3-212	S3-213	S3-214	S3-215	All Brain dysfunction
Number of episodes	334	509	174	232	651	177	2,077
Proportion of episodes	16.1%	24.5%	8.4%	11.2%	31.3%	8.5%	100.0%
Sector (%)							
<i>Private</i>	68.9	40.5	17.2	12.5	38.9	18.6	37.6
<i>Public</i>	31.1	59.5	82.8	87.5	61.1	81.4	62.4
Gender (%)							
<i>Female</i>	48.5	38.3	33.3	31.5	45.0	34.5	40.5
<i>Male</i>	51.5	61.7	66.7	68.5	55.0	65.5	59.5
Age (Mean+95%CI)	65.5 (63.5–67.5)	58.5 (56.5–60.4)	51.5 (48.7–54.4)	52.1 (49.8–54.4)	62.8 (61.2–64.4)	52.0 (48.9–55.0)	59.1 (58.2–60.0)
Admission FIM (Mean+95%CI)	106.4 (105.3–107.5)	99.5 (98.5–100.5)	97.1 (95.3–99.0)	87.4 (85.7–89.0)	63.9 (62.7–65.0)	34.4 (32.7–36.0)	84.3 (83.1–85.4)
LOS (Mean+95%CI)	13.7 (12.7–14.8)	18.6 (16.7–20.4)	26.5 (20.9–32.1)	29.4 (25.2–33.5)	37.3 (34.8–39.9)	66.3 (55.8–76.8)	28.3 (26.9–29.8)
Discharge destination (%)							
<i>Discharged to community</i>	93.1	92.9	84.5	81.0	77.9	68.9	84.2
<i>Remaining in hospital system</i>	6.9	7.1	15.5	19.0	22.1	31.1	15.8
FIM improvement (Mean+95%CI)	12.5 (11.4–13.7)	15.5 (14.6–16.5)	16.2 (14.5–18.0)	21.6 (19.7–23.6)	35.7 (34.1–37.3)	43.4 (37.5–49.2)	23.6 (22.7–24.5)
FIM efficiency (FIM imp./LOS)	0.9	0.8	0.6	0.7	1.0	0.7	0.8

# Brain dysfunction discharge destination by AN-SNAP class

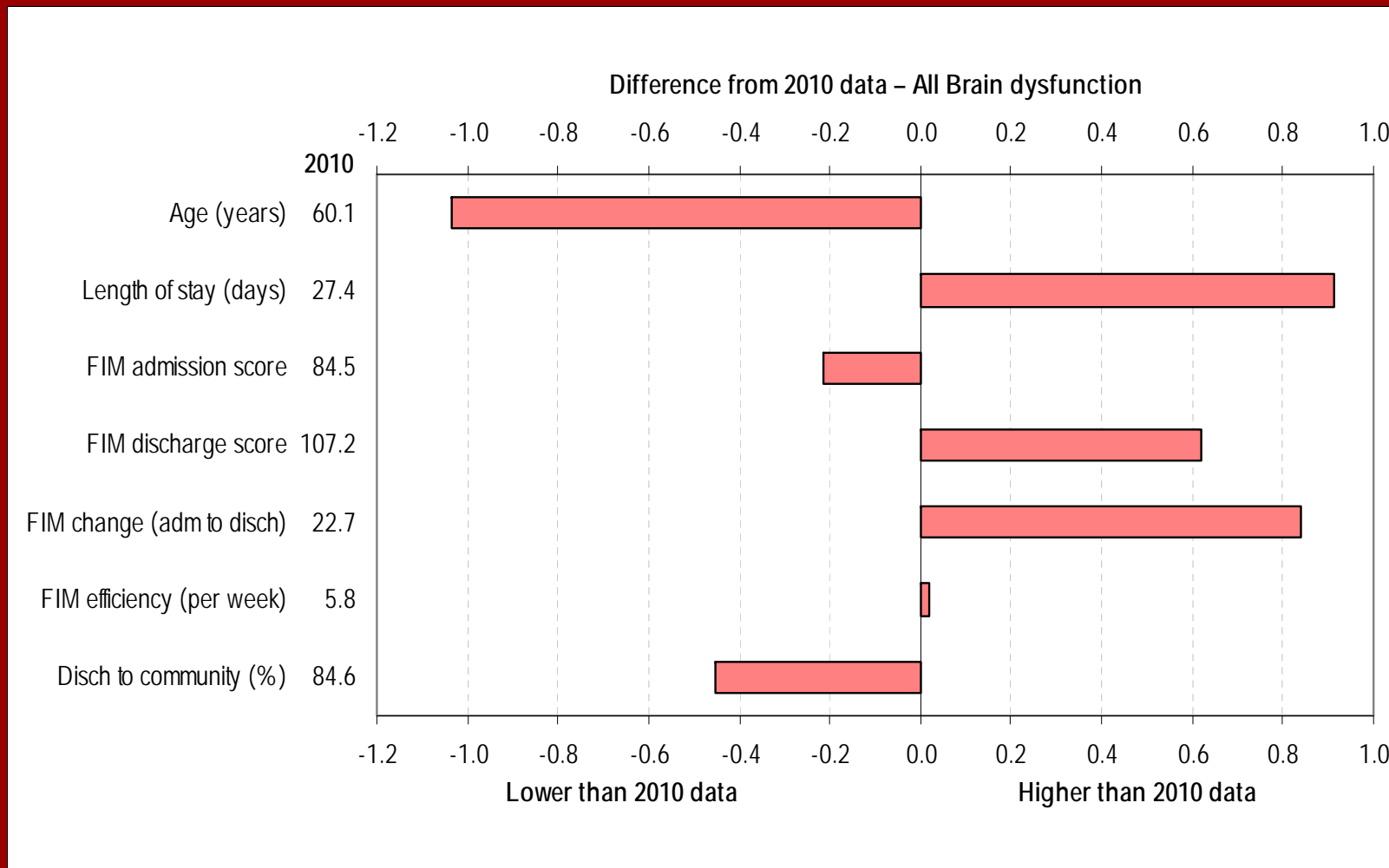


# Brain dysfunction LOS and FIM change by AN-SNAP class



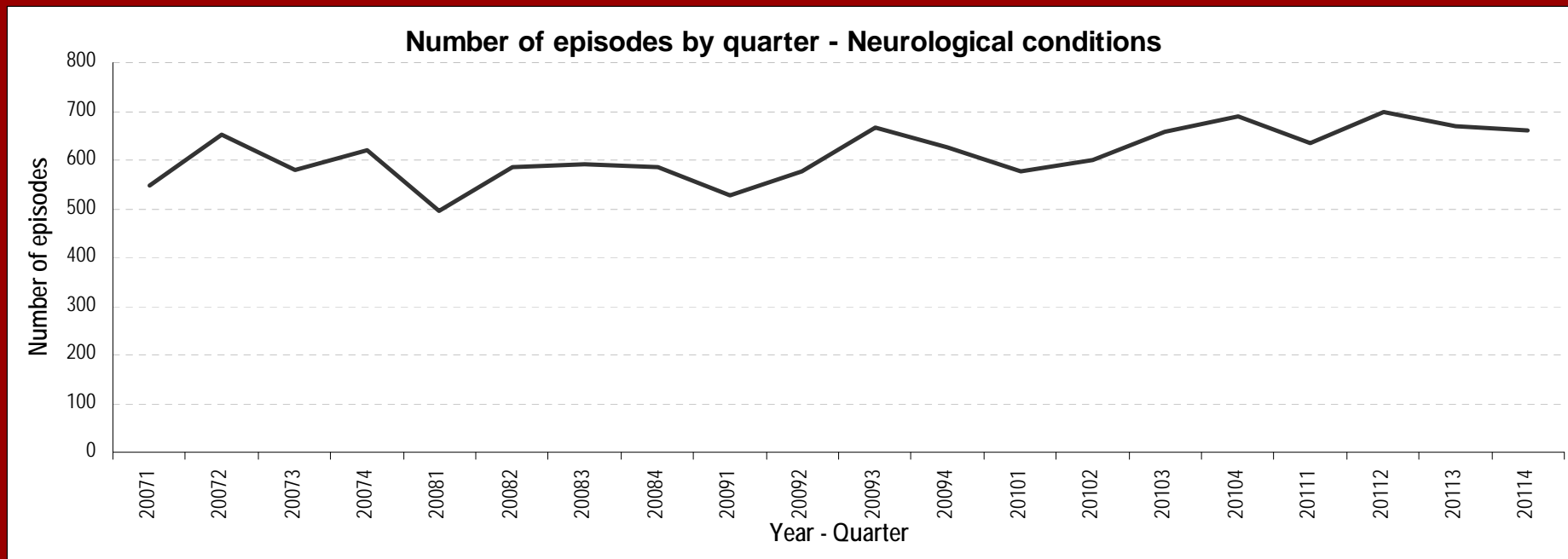
# Change in outcome measures in brain dysfunction – 2010 to 2011

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# Change in neurological conditions episodes over time

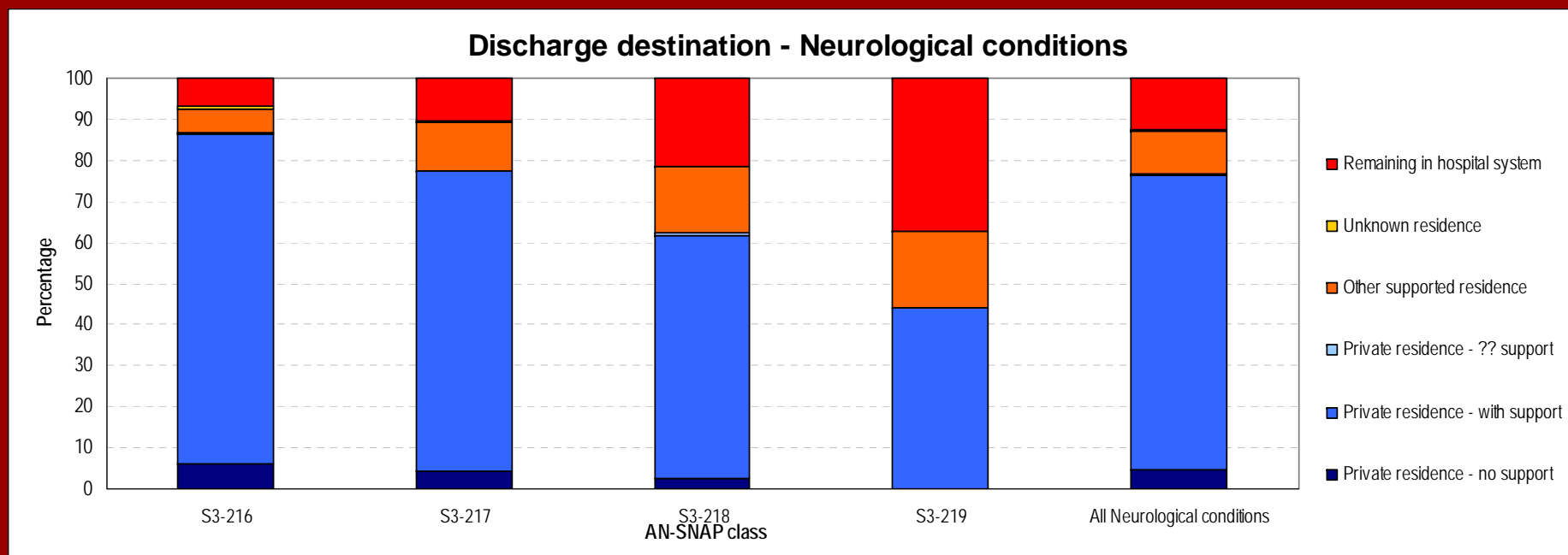
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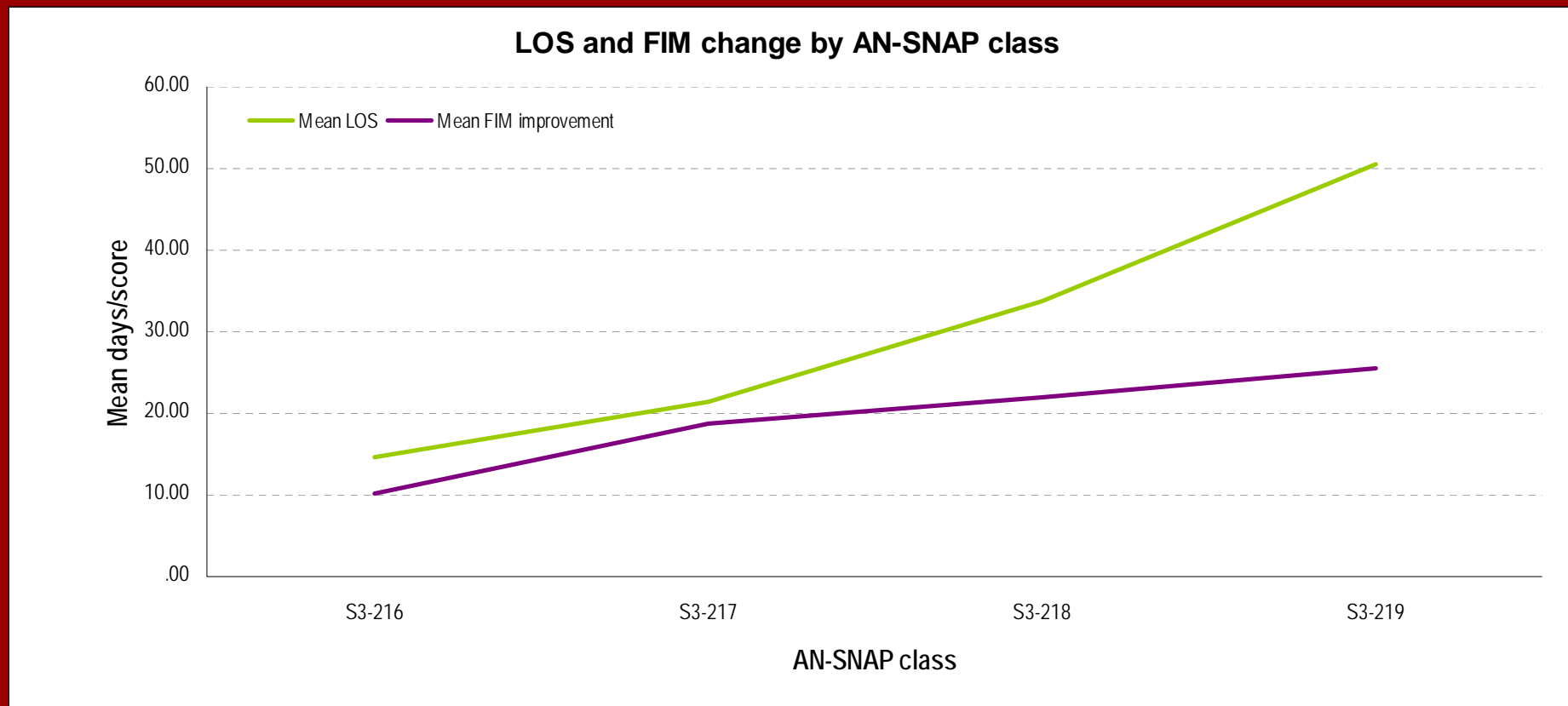
# Neurological conditions episodes in 2011

<b>AN-SNAP class:</b>	<b>S3-216</b>	<b>S3-217</b>	<b>S3-218</b>	<b>S3-219</b>	<b>All Neurological conditions</b>
Number of episodes	1,196	672	736	59	2,663
Proportion of episodes	44.9%	25.2%	27.6%	2.2%	100.0%
Sector (%)					
<i>Private</i>	57.5	53.6	37.5	20.3	50.2
<i>Public</i>	42.5	46.4	62.5	79.7	49.8
Gender (%)					
<i>Female</i>	53.5	52.1	49.9	37.3	51.8
<i>Male</i>	46.5	47.9	50.1	62.7	48.2
Age (Mean+95%CI)	64.0 (63.0–64.9)	68.3 (67.0–69.6)	66.5 (65.3–67.7)	61.1 (56.5–65.8)	65.7 (65.1–66.3)
Admission FIM (Mean+95%CI)	104.9 (104.4–105.5)	84.8 (84.2–85.4)	62.0 (60.9–63.0)	35.3 (31.9–38.6)	87.8 (86.9–88.7)
LOS (Mean+95%CI)	14.6 (13.9–15.3)	21.5 (19.8–23.1)	33.7 (31.0–36.3)	50.5 (30.8–70.2)	21.7 (20.8–22.7)
Discharge destination (%)					
<i>Discharged to community</i>	93.1	89.6	78.7	62.7	87.5
<i>Remaining in hospital system</i>	6.9	10.4	21.3	37.3	12.5
FIM improvement (Mean+95%CI)	10.2 (9.8–10.6)	18.8 (17.9–19.8)	22.0 (20.4–23.6)	25.5 (16.2–34.7)	15.6 (15.1–16.2)
FIM efficiency (FIM imp./LOS)	0.7	0.9	0.7	0.5	0.7

# Neurological conditions discharge destination by AN-SNAP class



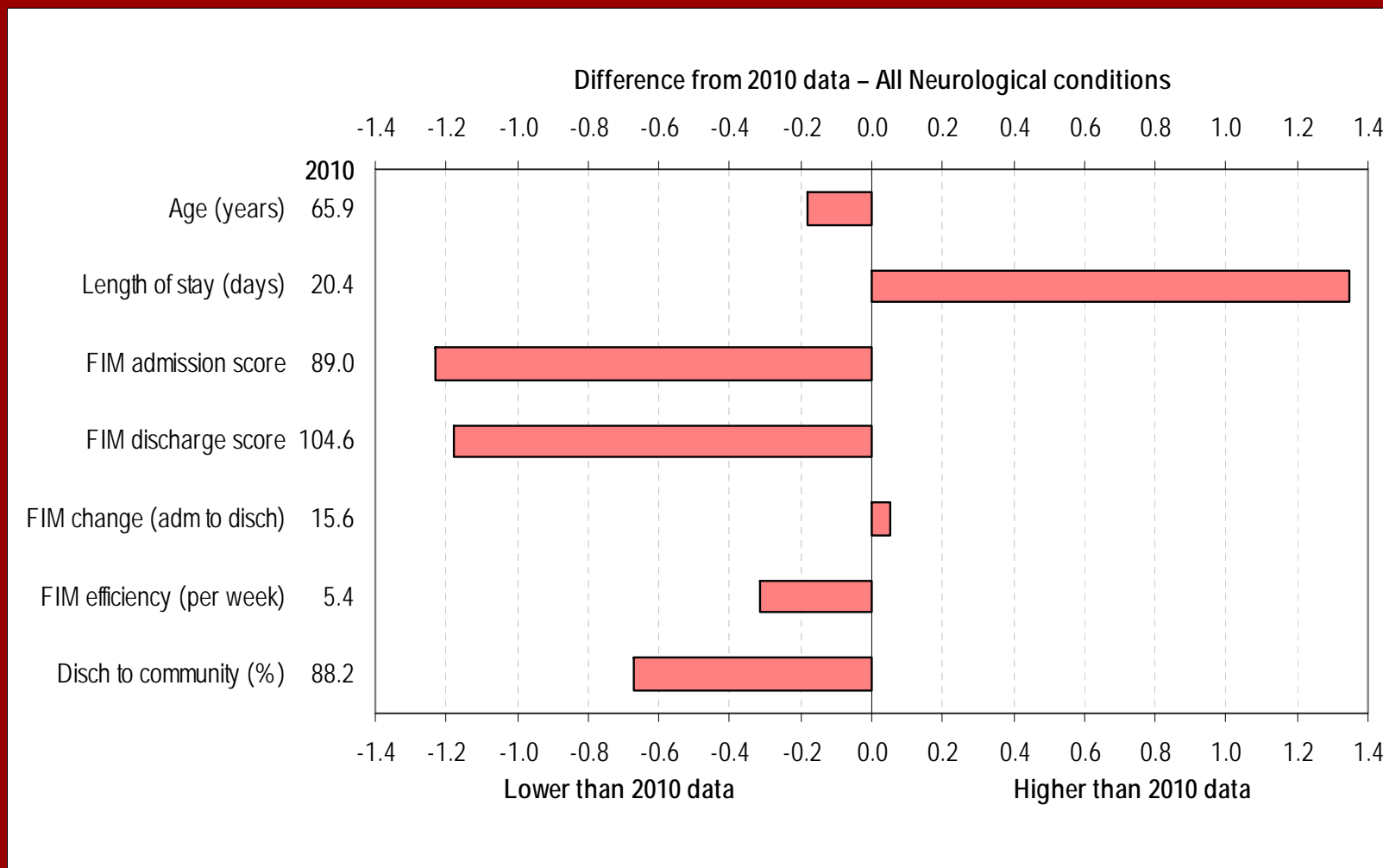
# Neurological conditions LOS and FIM change by AN-SNAP class



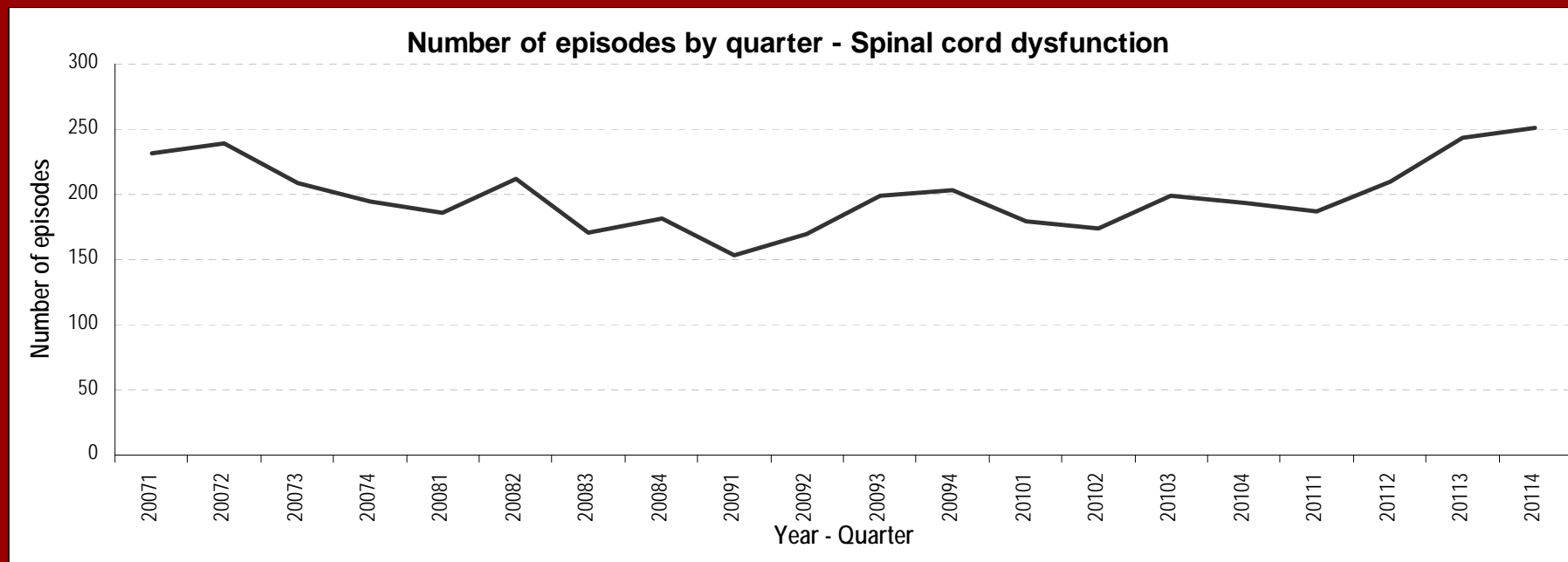


# Change in outcome measures in neurological conditions - 2010 to 2011

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# Change in spinal cord dysfunction episodes over time

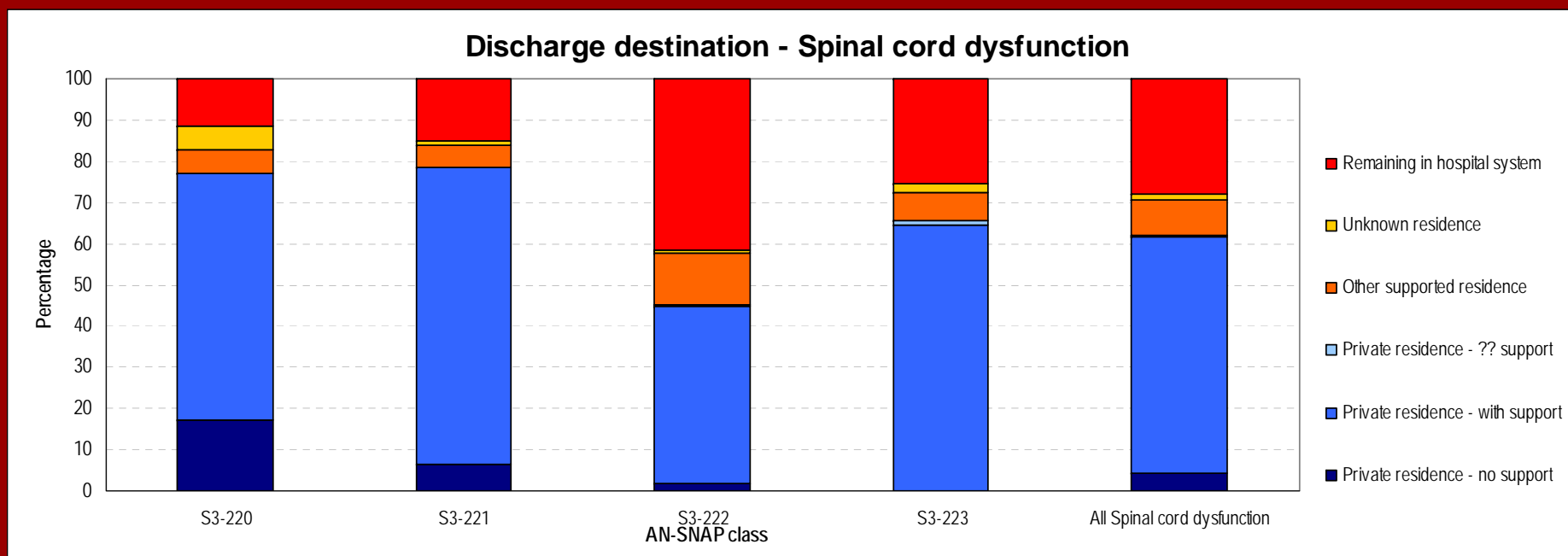


# Spinal cord dysfunction episodes in 2011

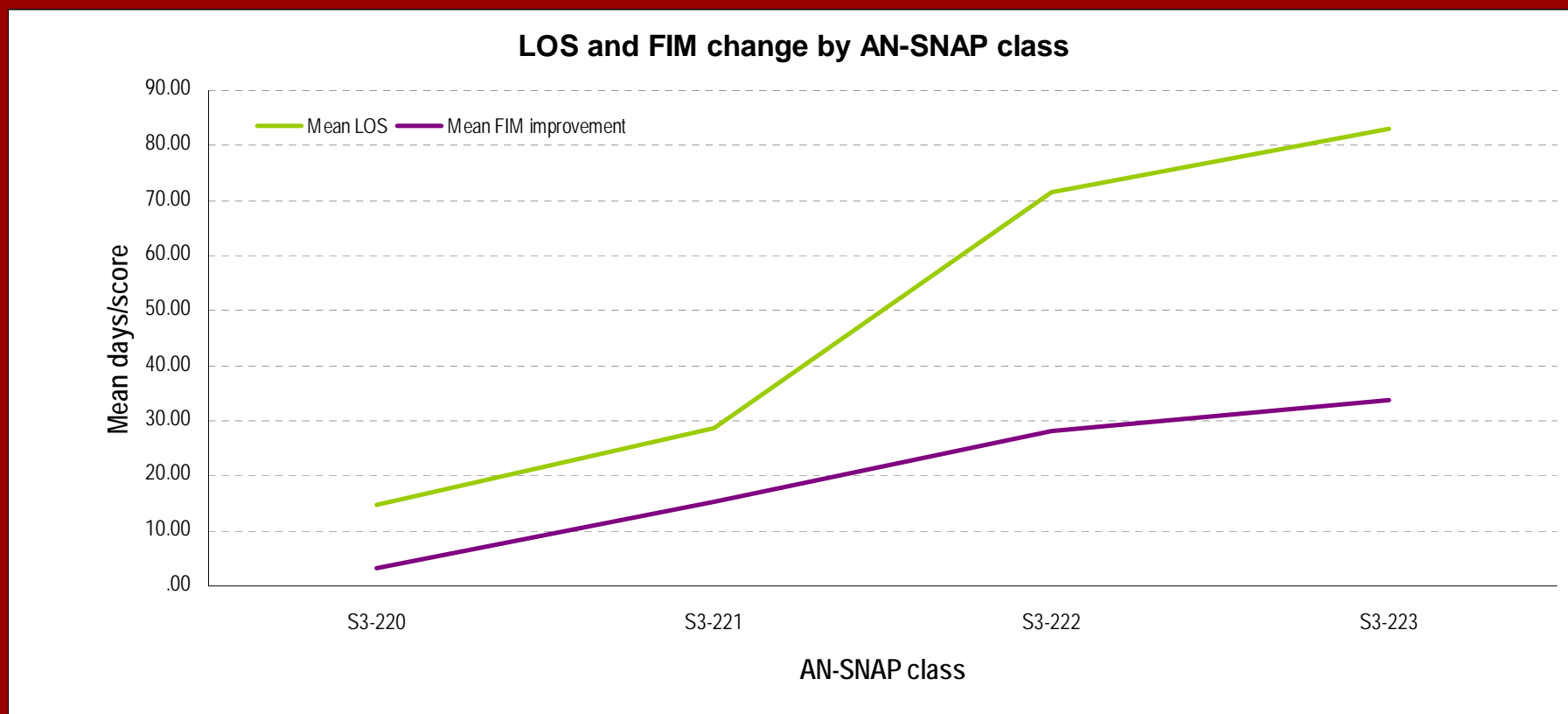


AN-SNAP class:	S3-220	S3-221	S3-222	S3-223	All Spinal cord dysfunction
Number of episodes	35	360	407	90	892
Proportion of episodes	3.9%	40.4%	45.6%	10.1%	100.0%
Sector (%)					
<i>Private</i>	8.6	27.8	8.4	7.8	16.1
<i>Public</i>	91.4	72.2	91.6	92.2	83.9
Gender (%)					
<i>Female</i>	37.1	41.1	39.6	20.0	38.1
<i>Male</i>	62.9	58.9	60.4	80.0	61.9
Age (Mean+95%CI)	47.0 (41.0–53.0)	56.6 (54.6–58.5)	61.2 (59.8–62.5)	23.6 (22.5–24.6)	55.0 (53.7–56.2)
Admission FIM (Mean+95%CI)	119.6 (118.5–120.7)	95.7 (94.5–97.0)	61.6 (60.2–63.0)	63.5 (60.6–66.4)	80.6 (78.9–82.3)
LOS (Mean+95%CI)	14.8 (11.1–18.5)	28.6 (25.8–31.4)	71.6 (64.0–79.2)	83.1 (68.1–98.0)	49.9 (46.0–53.9)
Discharge destination (%)					
<i>Discharged to community</i>	88.6	85.0	58.5	74.4	72.0
<i>Remaining in hospital system</i>	11.4	15.0	41.5	25.6	28.0
FIM improvement (Mean+95%CI)	3.2 (2.0–4.3)	15.2 (13.9–16.5)	28.2 (25.6–30.8)	33.7 (27.8–39.6)	21.5 (20.0–22.9)
FIM efficiency (FIM imp./LOS)	0.2	0.5	0.4	0.4	0.4

# Spinal cord dysfunction discharge destination by AN-SNAP class

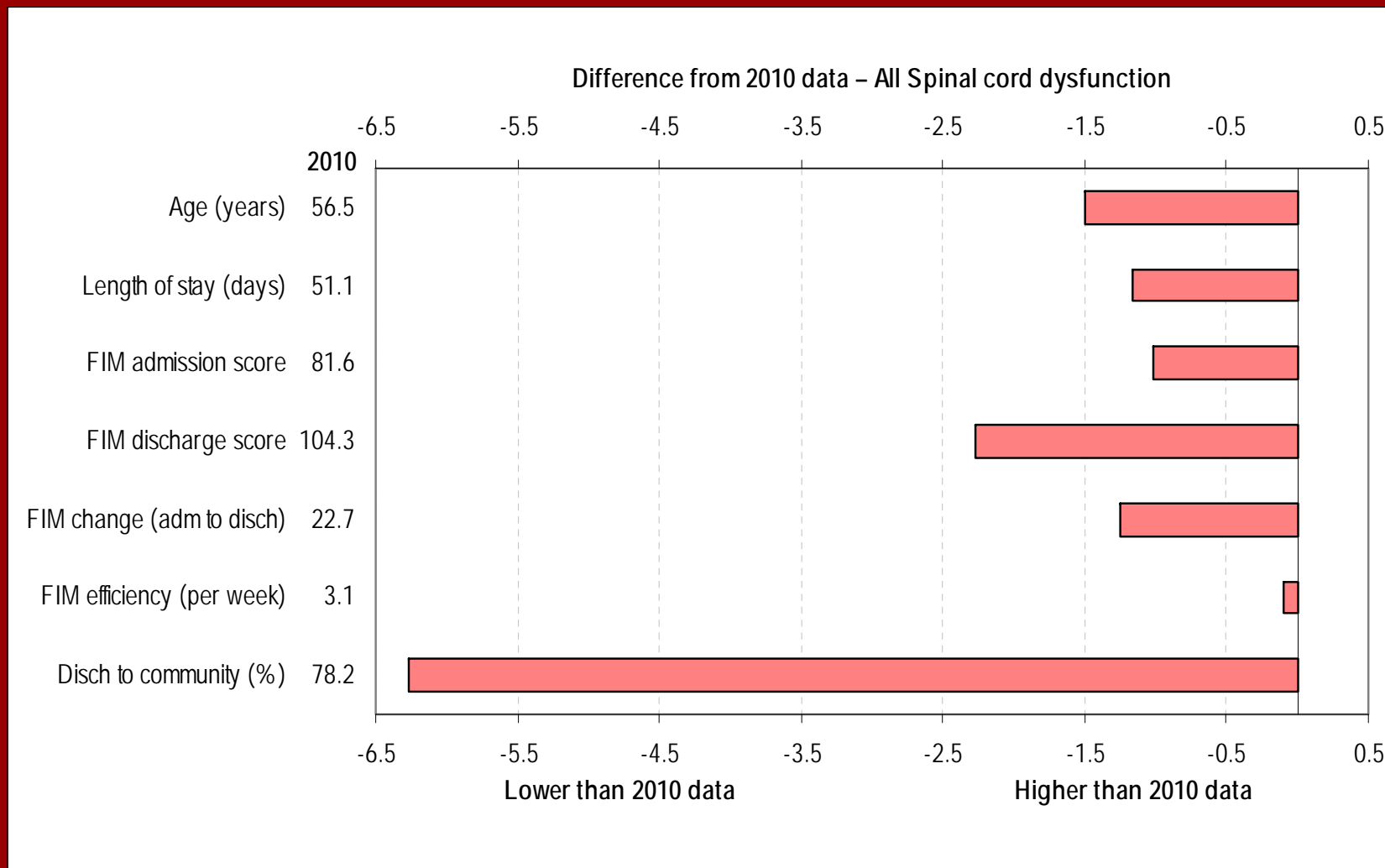


# Spinal cord dysfunction LOS and FIM change by AN-SNAP class

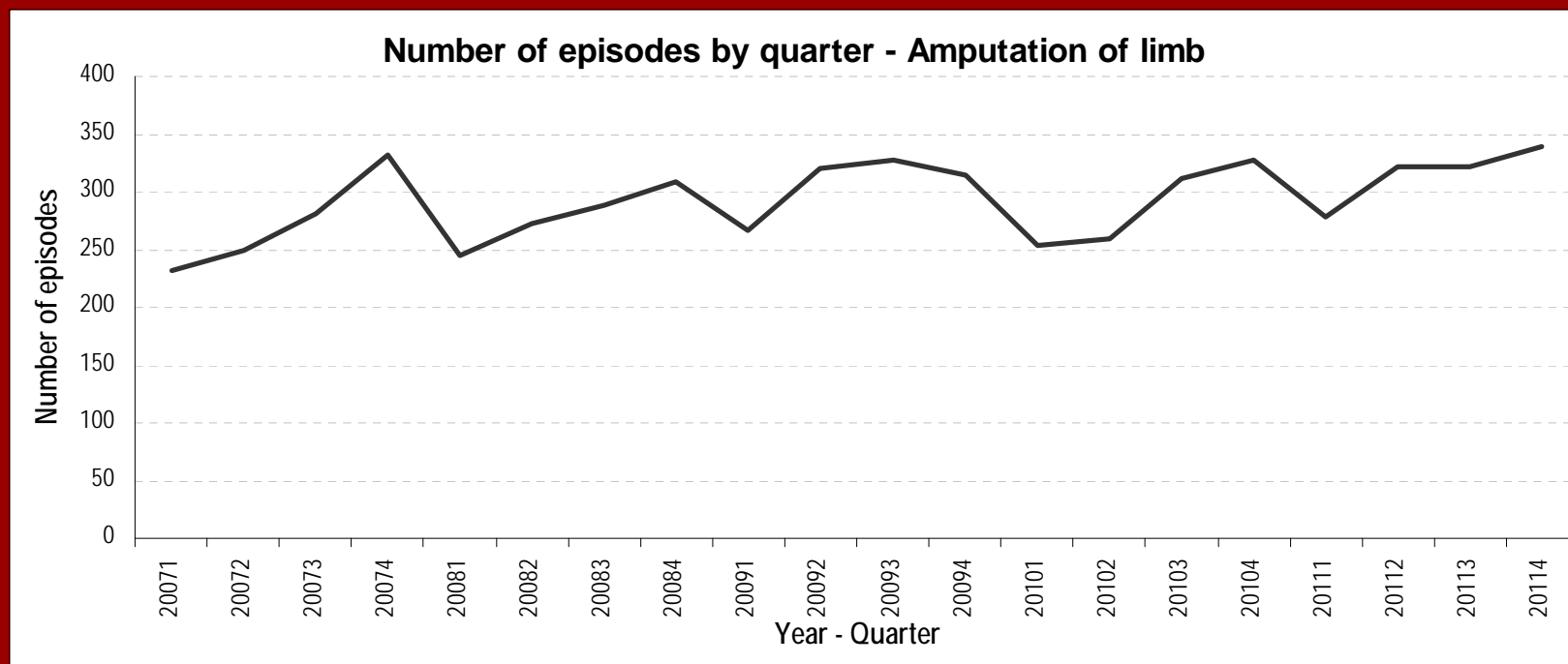


# Change in outcome measures in spinal cord dysfunction - 2010 to 2011

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# Change in amputation episodes over time

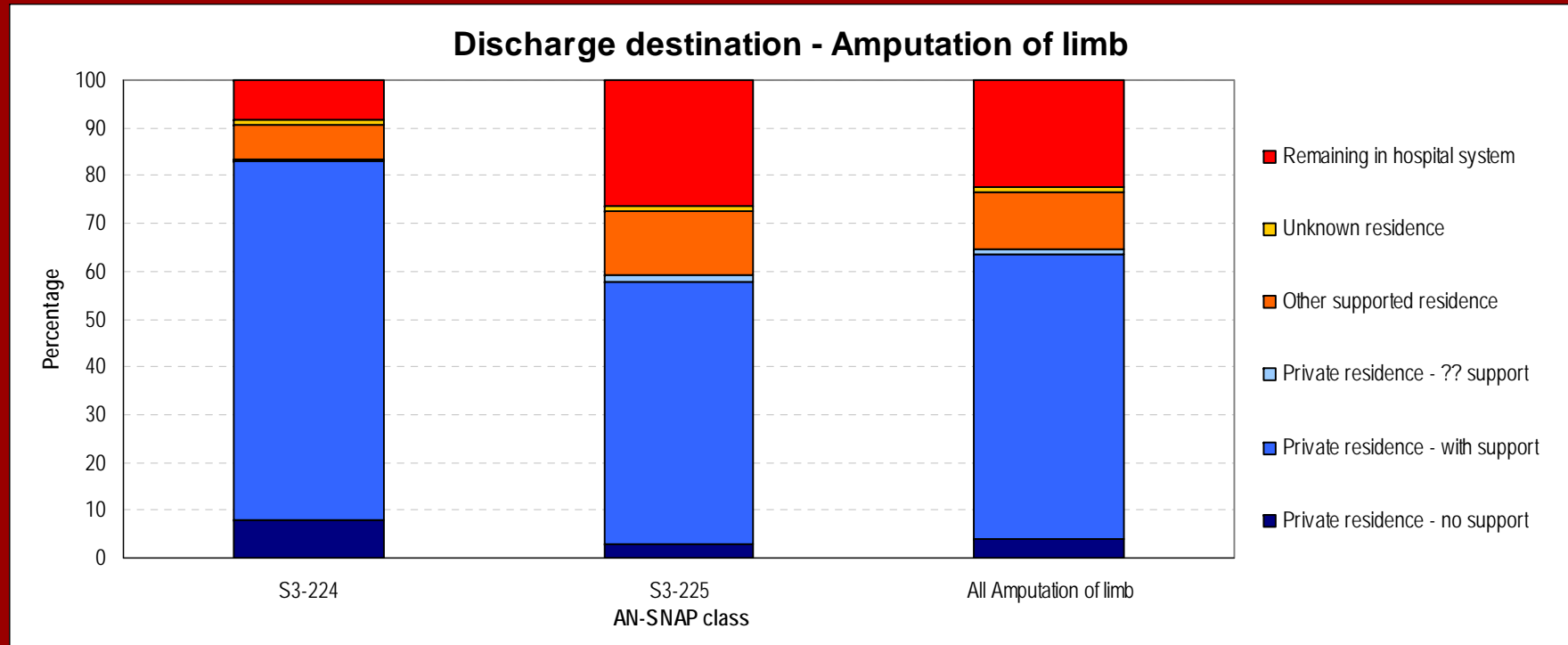


# Amputation episodes in 2011

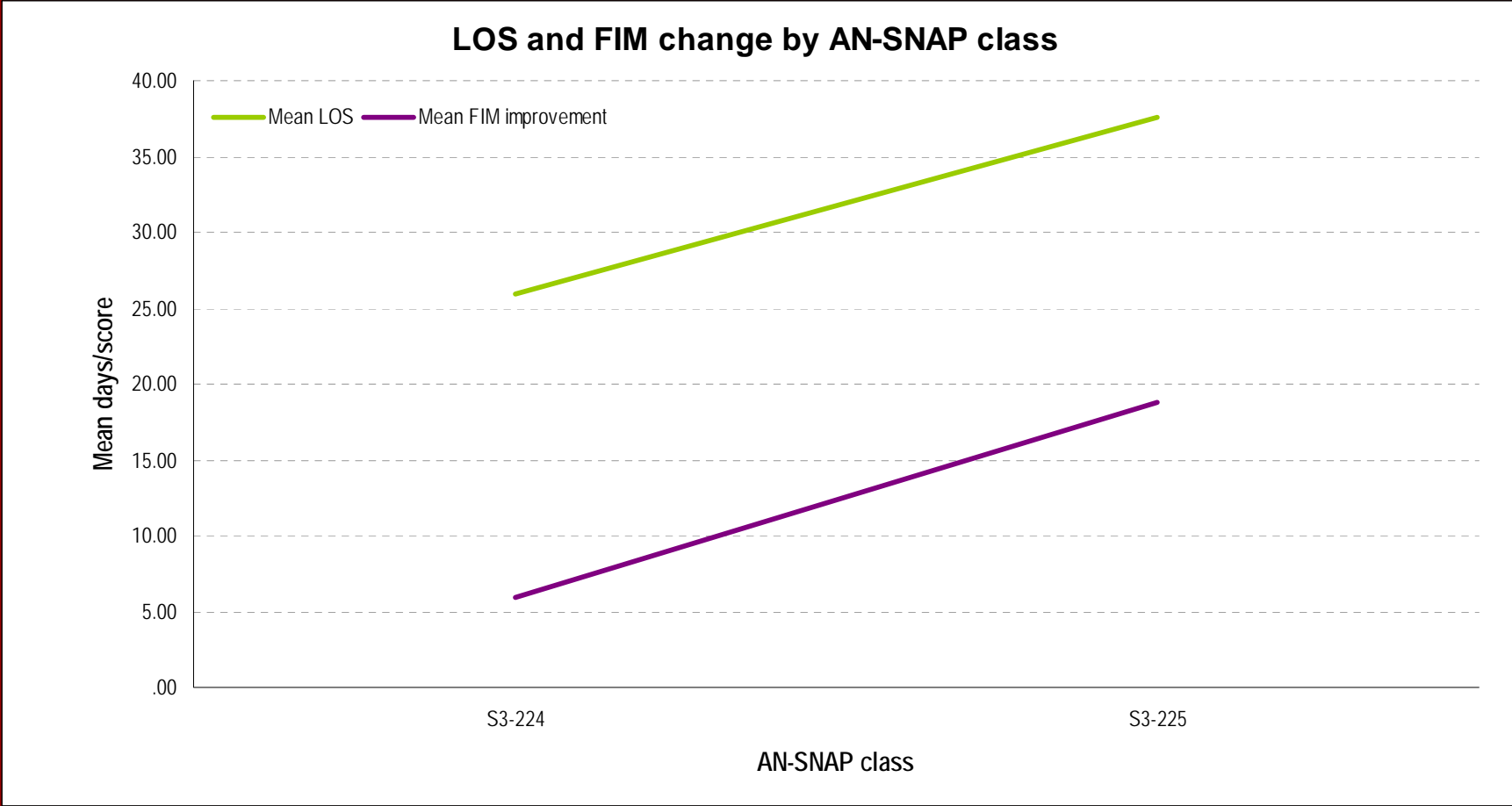
<b>AN-SNAP class:</b>	<b>S3-224</b>	<b>S3-225</b>	<b>All Amputation of limb</b>
Number of episodes	279	982	1,261
Proportion of episodes	22.1%	77.9%	100.0%
Sector (%)			
<i>Private</i>	13.3	19.9	18.4
<i>Public</i>	86.7	80.1	81.6
Gender (%)			
<i>Female</i>	25.1	26.0	25.8
<i>Male</i>	74.9	74.0	74.2
Age (Mean+95%CI)	58.7 (56.8–60.5)	69.7 (68.8–70.6)	67.3 (66.4–68.1)
Admission FIM (Mean+95%CI)	110.6 (110.0–111.2)	83.6 (82.4–84.7)	90.7 (89.5–91.9)
LOS (Mean+95%CI)	25.9 (23.5–28.3)	37.6 (35.6–39.6)	34.5 (32.9–36.1)
Discharge destination (%)			
<i>Discharged to community</i>	91.8	73.5	77.6
<i>Remaining in hospital system</i>	8.2	26.5	22.4
FIM improvement (Mean+95%CI)	6.0 (5.4–6.6)	18.8 (17.9–19.7)	15.5 (14.7–16.2)
FIM efficiency (FIM imp./LOS)	0.2	0.5	0.4



# Amputation discharge destination by AN-SNAP class

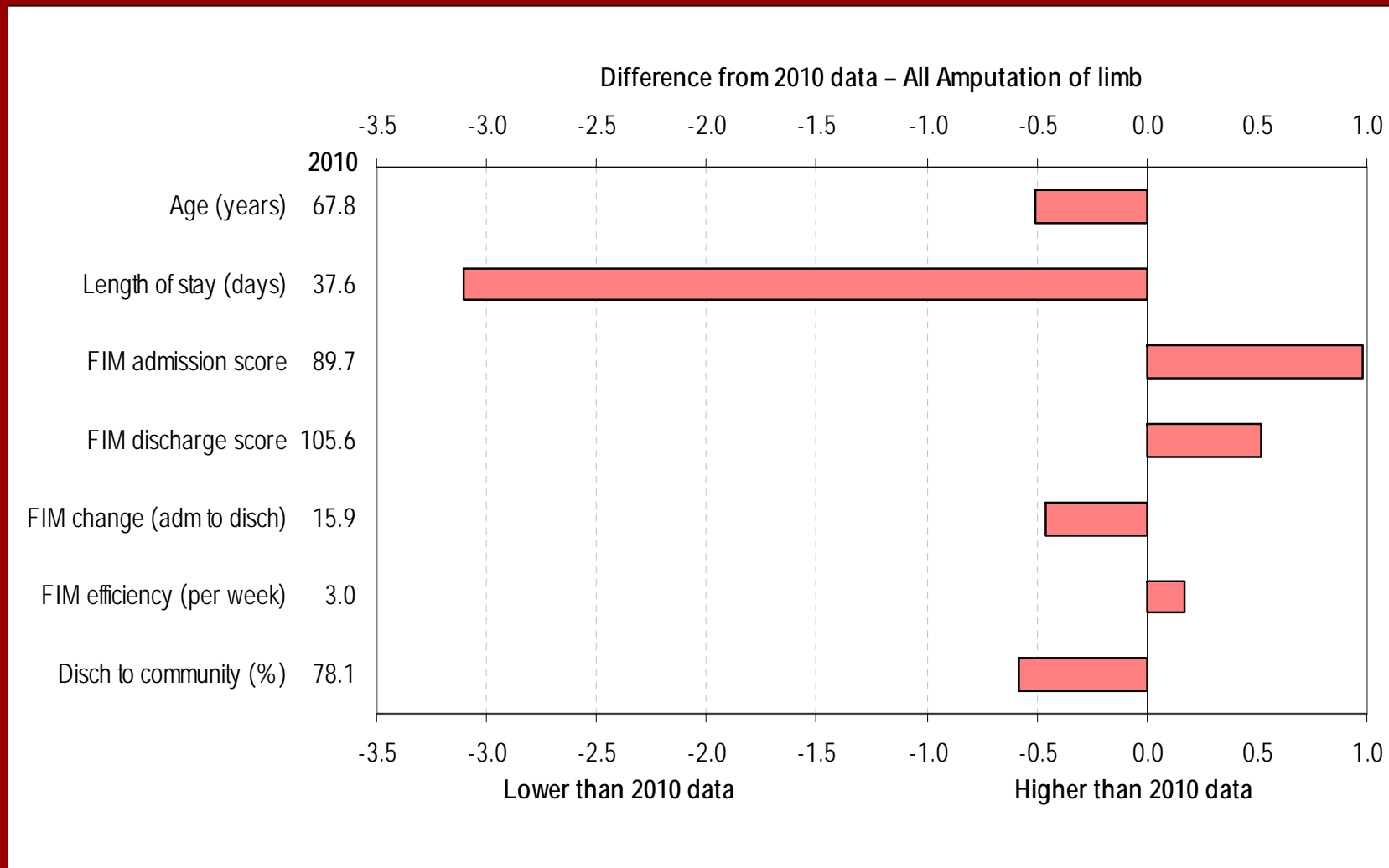


# Amputation LOS and FIM change by AN-SNAP class

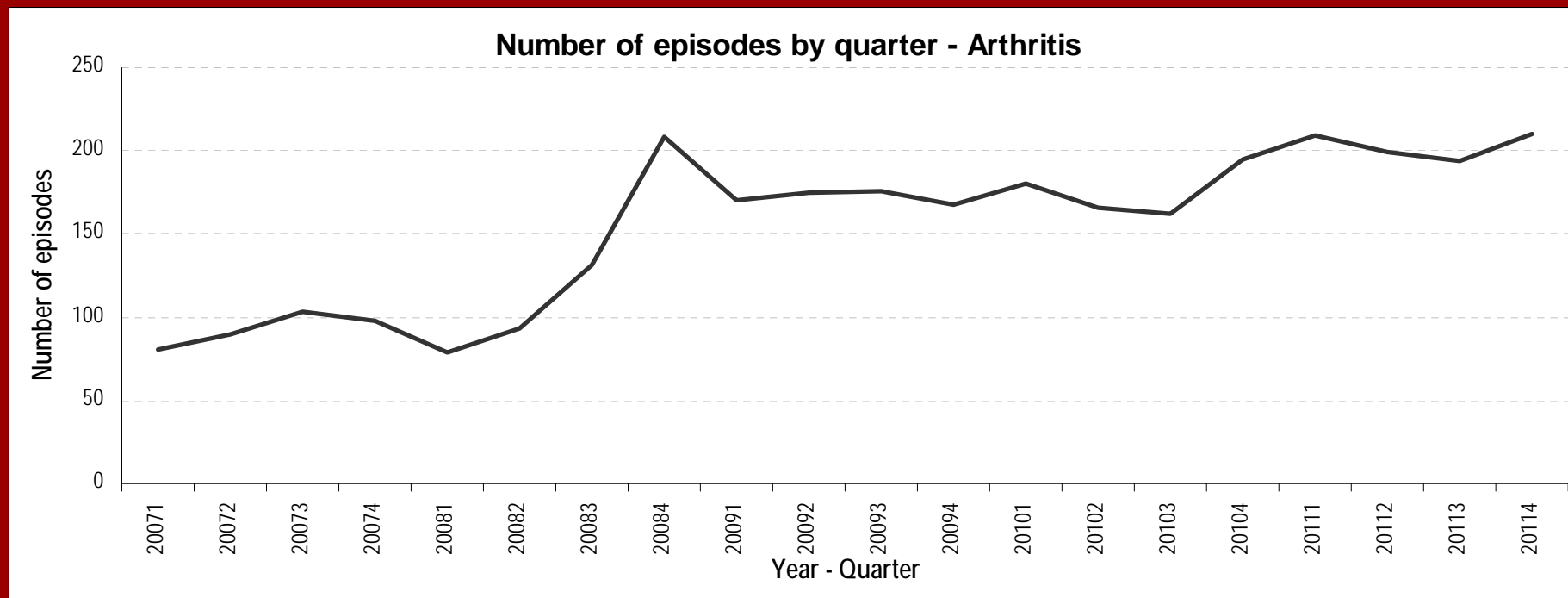


# Change in outcome measures in amputation – 2010 to 2011

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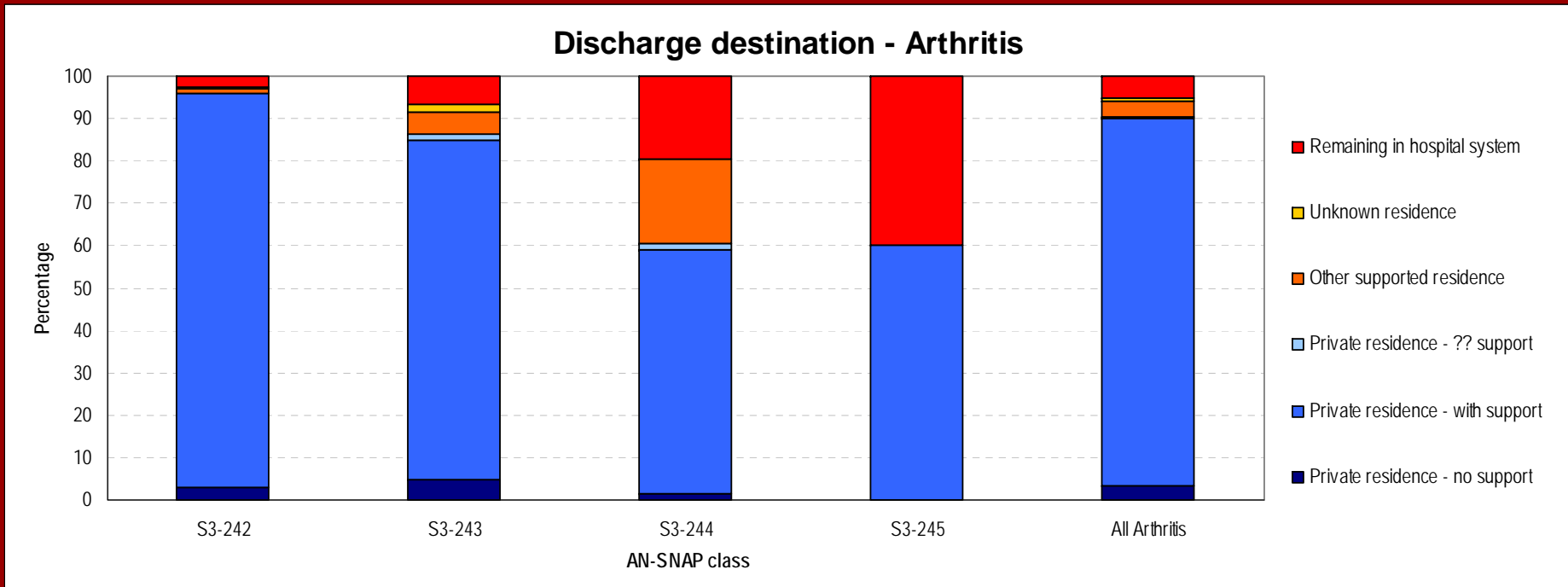
# Change in arthritis episodes over time



# Arthritis episodes in 2011

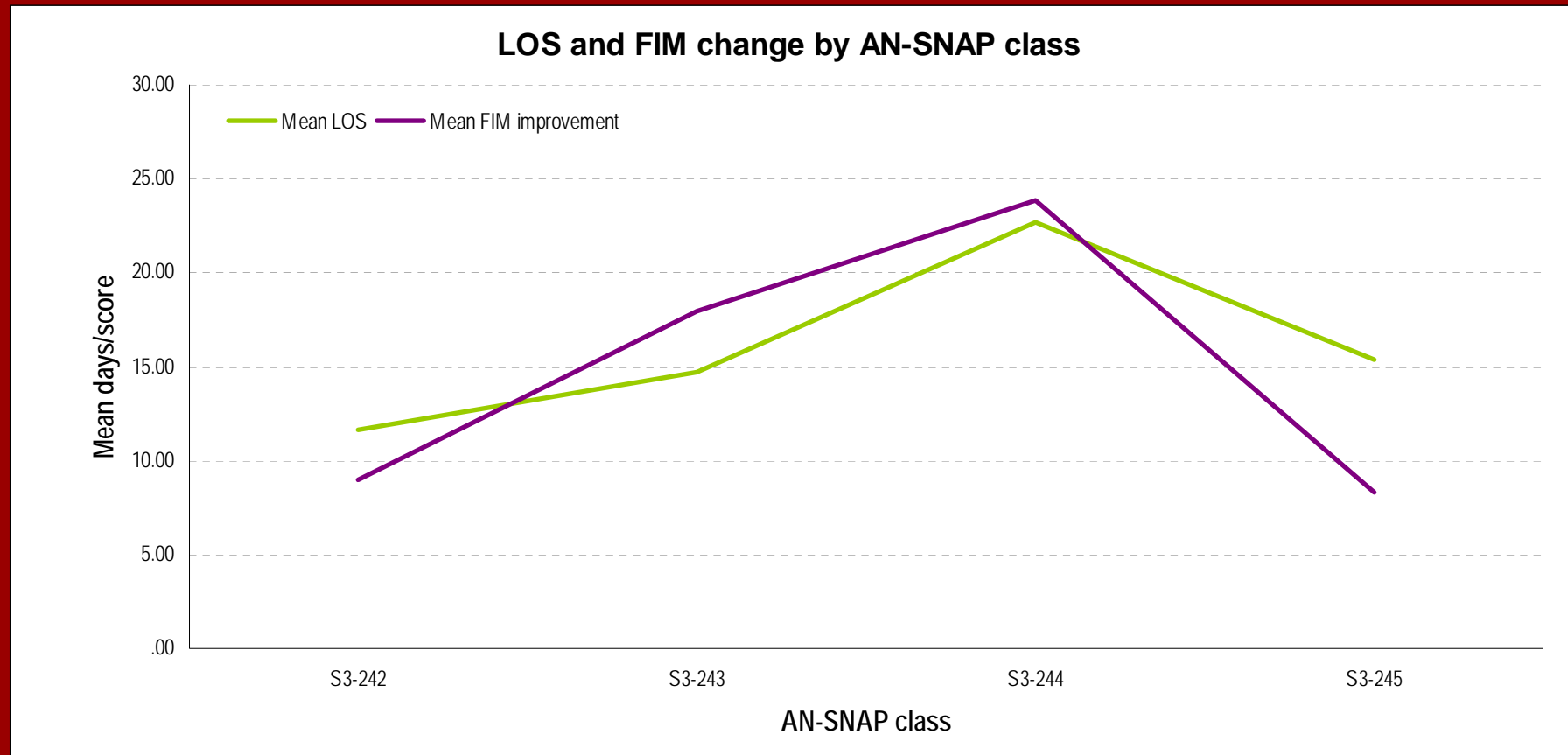
<b>AN-SNAP class:</b>	<b>S3-242</b>	<b>S3-243</b>	<b>S3-244</b>	<b>S3-245</b>	<b>All Arthritis</b>
Number of episodes	564	167	76	5	812
Proportion of episodes	69.5%	20.6%	9.4%	0.6%	100.0%
Sector (%)					
<i>Private</i>	92.4	64.7	31.6	20.0	80.5
<i>Public</i>	7.6	35.3	68.4	80.0	19.5
Gender (%)					
<i>Female</i>	62.8	68.9	65.8	80.0	64.4
<i>Male</i>	37.2	31.1	34.2	20.0	35.6
Age (Mean+95%CI)	69.3 (68.4–70.3)	76.4 (74.7–78.1)	78.8 (76.1–81.4)	71.0 (58.7–83.3)	71.7 (70.8–72.5)
Admission FIM (Mean+95%CI)	109.5 (109.0–109.9)	93.1 (92.1–94.0)	68.6 (65.7–71.6)	53.7 (41.9–65.4)	102.8 (101.8–103.7)
LOS (Mean+95%CI)	11.6 (11.3–12.0)	14.7 (13.5–15.8)	22.7 (19.4–26.0)	15.3 (9.1–21.6)	13.1 (12.7–13.6)
Discharge destination (%)					
<i>Discharged to community</i>	97.3	93.4	80.3	60.0	94.7
<i>Remaining in hospital system</i>	2.7	6.6	19.7	40.0	5.3
FIM improvement (Mean+95%CI)	8.9 (8.6–9.3)	18.0 (16.8–19.1)	23.8 (19.9–27.8)	8.3 (-2.9–19.5)	11.9 (11.3–12.5)
FIM efficiency (FIM imp./LOS)	0.8	1.2	1.1	0.5	0.9

# Arthritis discharge destination by AN-SNAP class



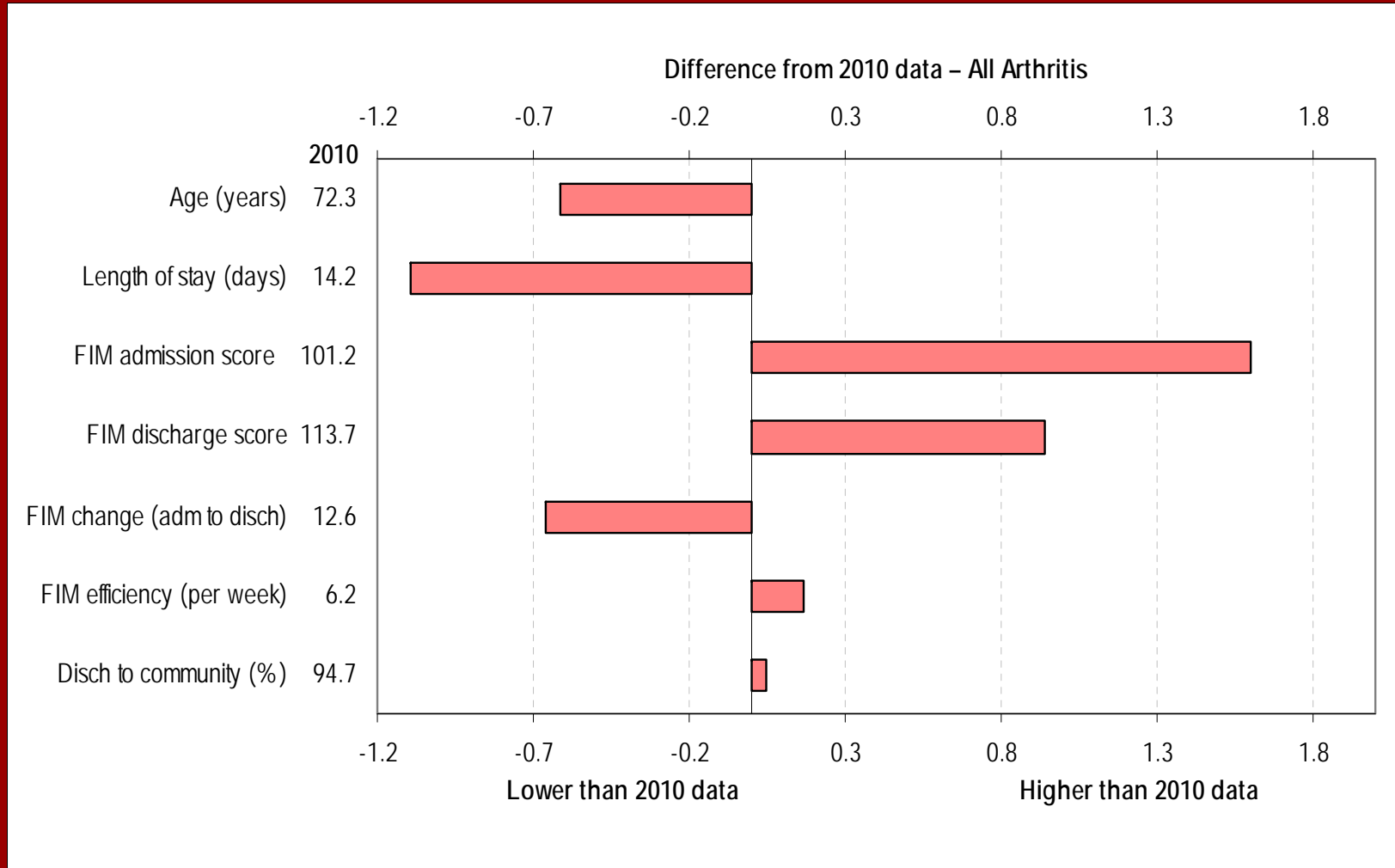
# Arthritis LOS and FIM change by AN-SNAP class

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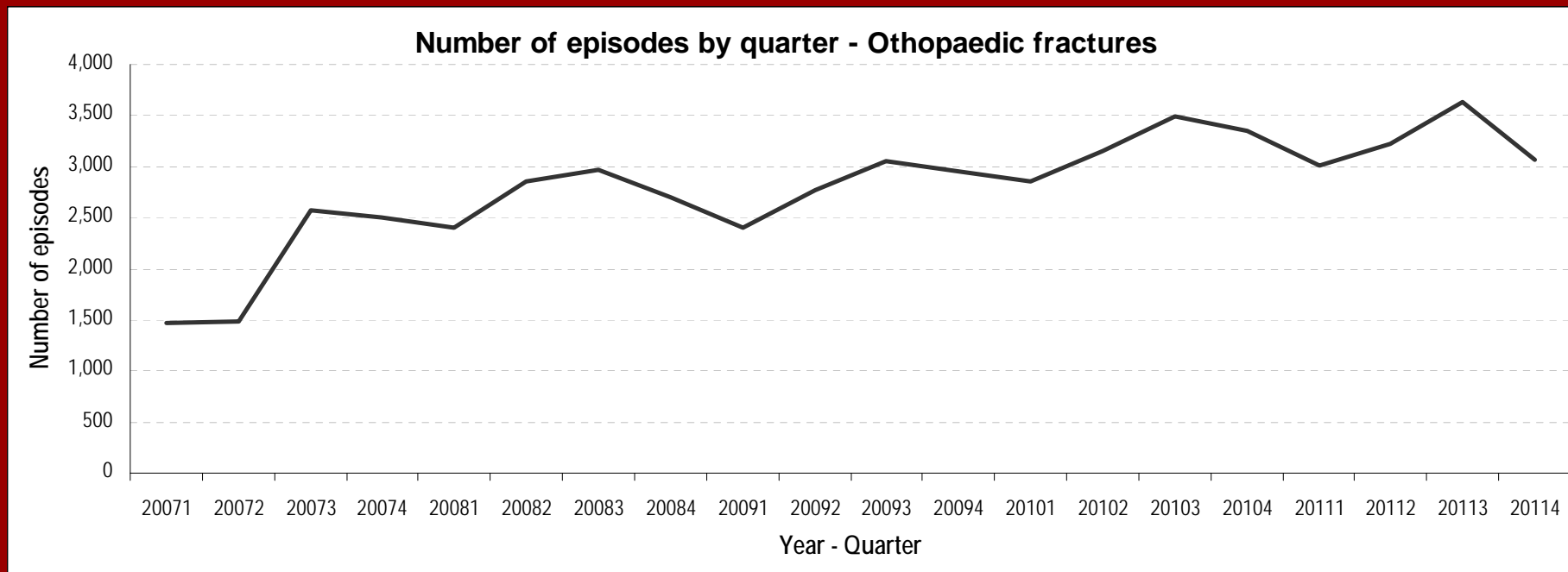
# Change in outcome measures in arthritis – 2010 to 2011

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# Change in orthopaedic fracture episodes over time

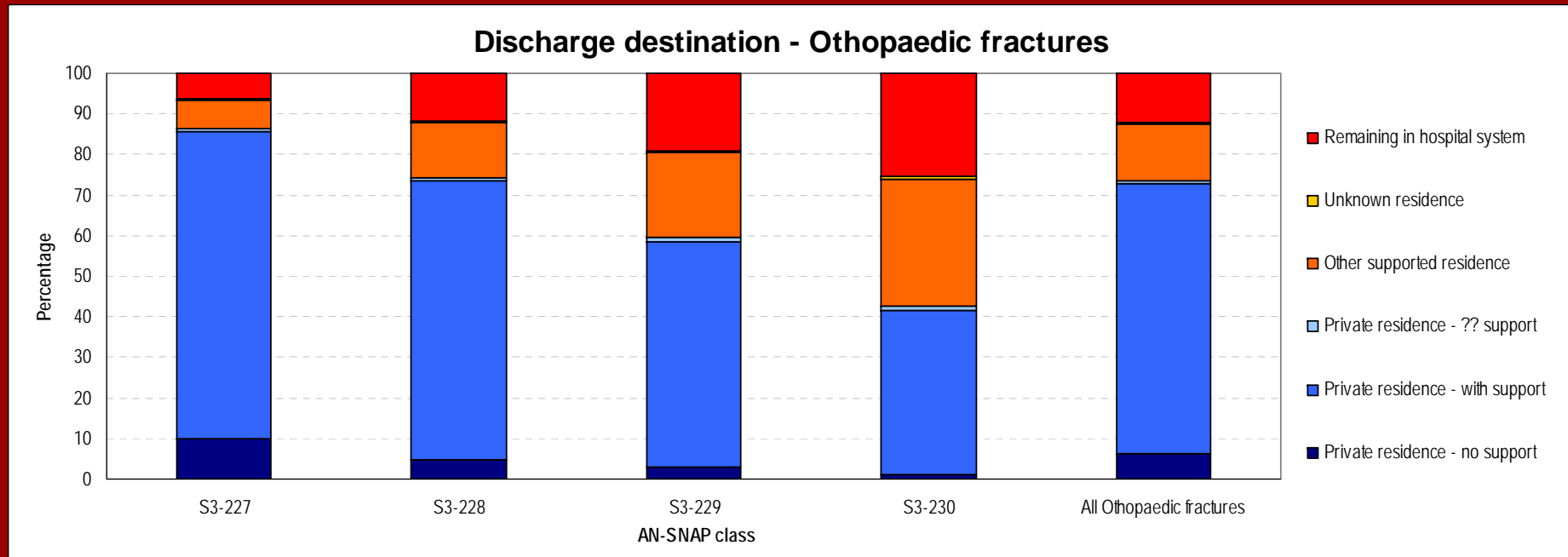


# Orthopaedic fracture episodes in 2011

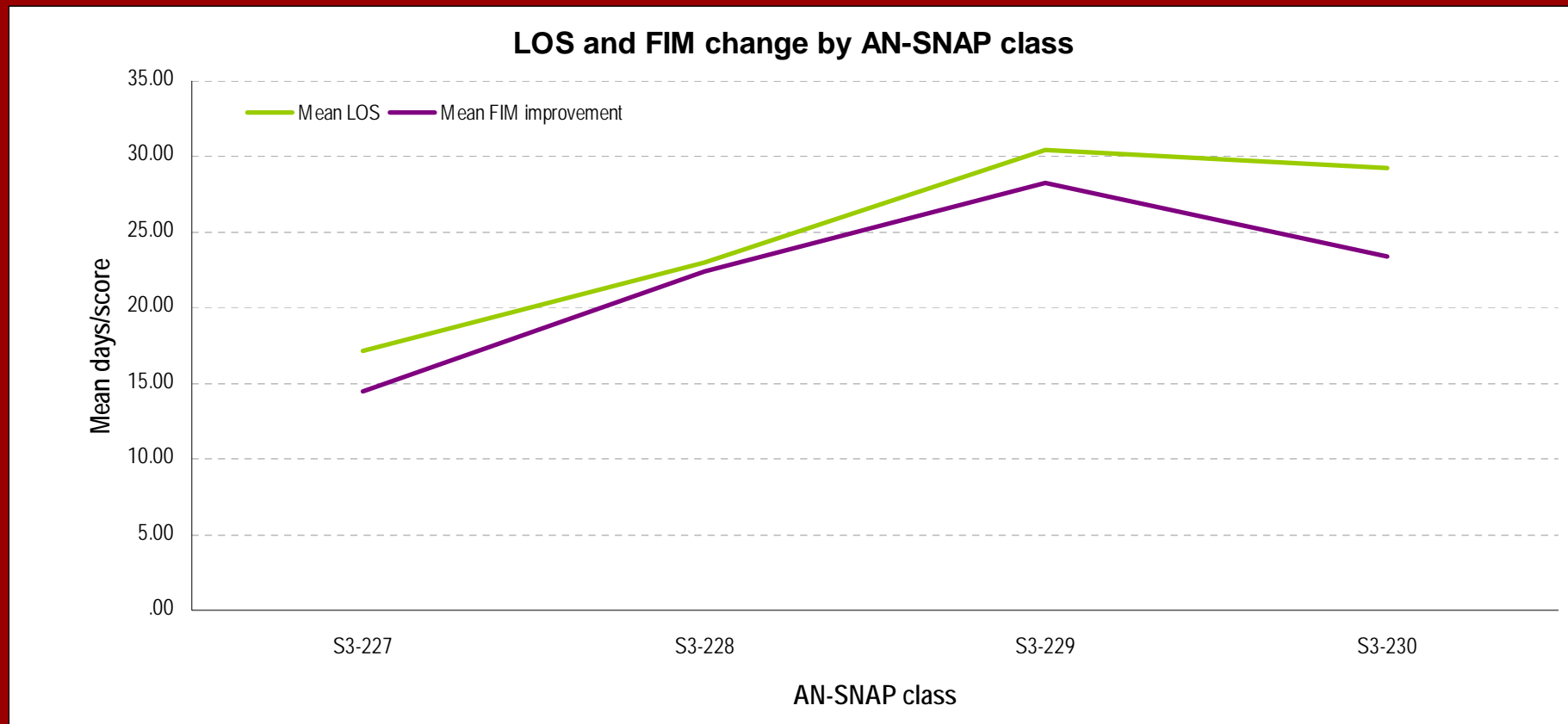
<b>AN-SNAP class:</b>	<b>S3-227</b>	<b>S3-228</b>	<b>S3-229</b>	<b>S3-230</b>	<b>All Othopaedic fractures</b>
Number of episodes	5,305	3,469	3,433	723	12,930
Proportion of episodes	41.0%	26.8%	26.6%	5.6%	100.0%
Sector (%)					
<i>Private</i>	59.1	52.9	43.6	29.5	51.6
<i>Public</i>	40.9	47.1	56.4	70.5	48.4
Gender (%)					
<i>Female</i>	71.8	74.2	71.3	67.9	72.1
<i>Male</i>	28.2	25.8	28.7	32.1	27.9
Age (Mean+95%CI)	75.0 (74.6–75.4)	79.4 (79.0–79.9)	79.8 (79.3–80.3)	82.9 (82.1–83.7)	77.9 (77.7–78.2)
Admission FIM (Mean+95%CI)	98.6 (98.4–98.9)	82.8 (82.6–83.0)	66.8 (66.4–67.1)	45.0 (44.2–45.9)	83.9 (83.6–84.2)
LOS (Mean+95%CI)	17.2 (16.9–17.5)	23.0 (22.6–23.5)	30.5 (29.7–31.2)	29.2 (27.8–30.6)	22.6 (22.3–22.9)
Discharge destination (%)					
<i>Discharged to community</i>	93.8	88.4	81.0	74.6	87.9
<i>Remaining in hospital system</i>	6.2	11.6	19.0	25.4	12.1
FIM improvement (Mean+95%CI)	14.5 (14.3–14.7)	22.4 (22.1–22.8)	28.3 (27.7–28.8)	23.4 (21.8–24.9)	20.5 (20.2–20.7)
FIM efficiency (FIM imp./LOS)	0.8	1.0	0.9	0.8	0.9

# Orthopaedic fracture discharge destination by AN-SNAP class

*aroc*

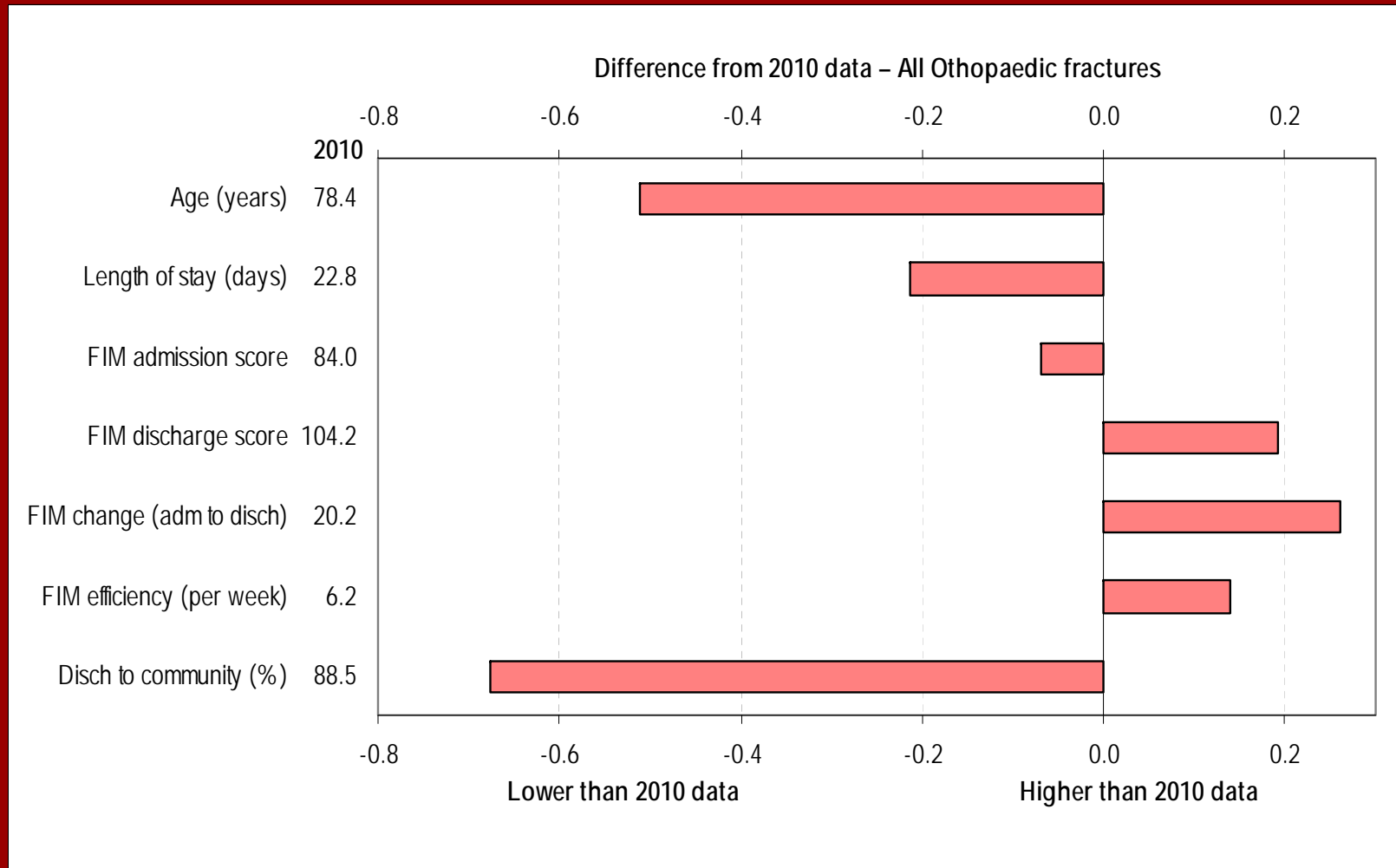


# Orthopaedic fracture LOS and FIM change by AN-SNAP class

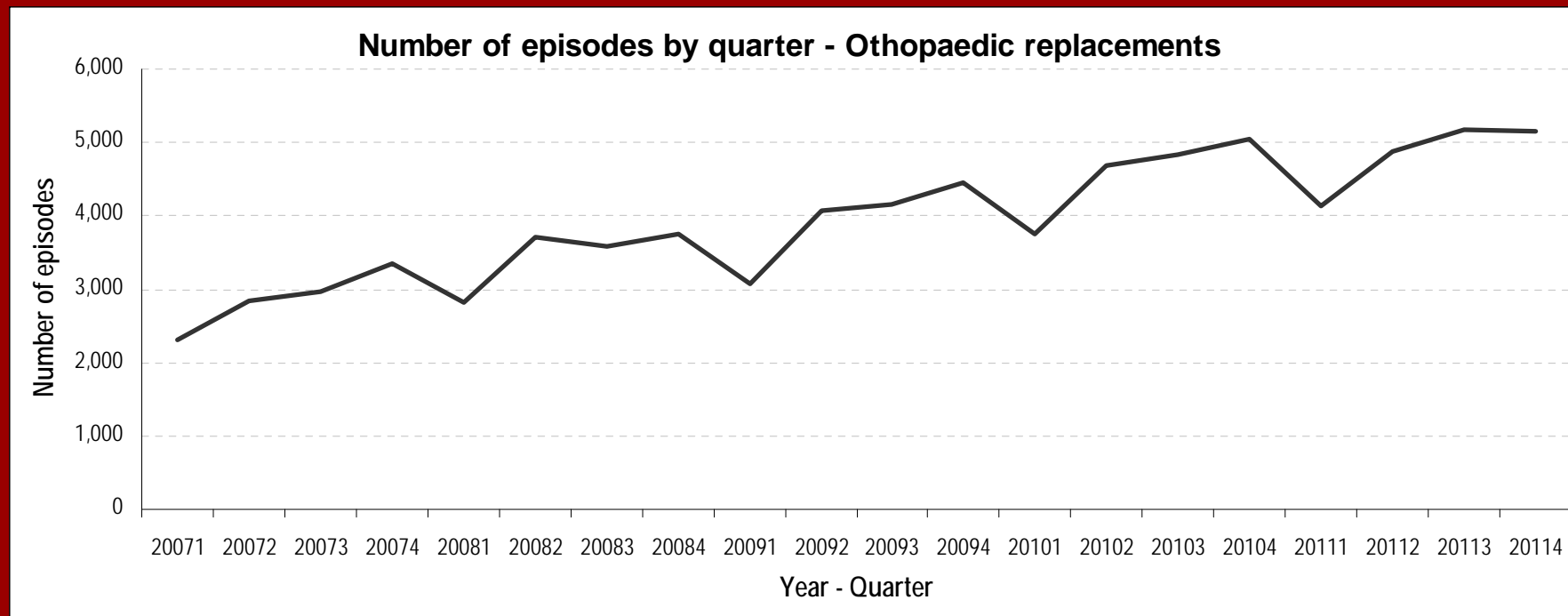


# Change in outcome measures in orthopaedic fracture – 2010 to 2011

*aroc*



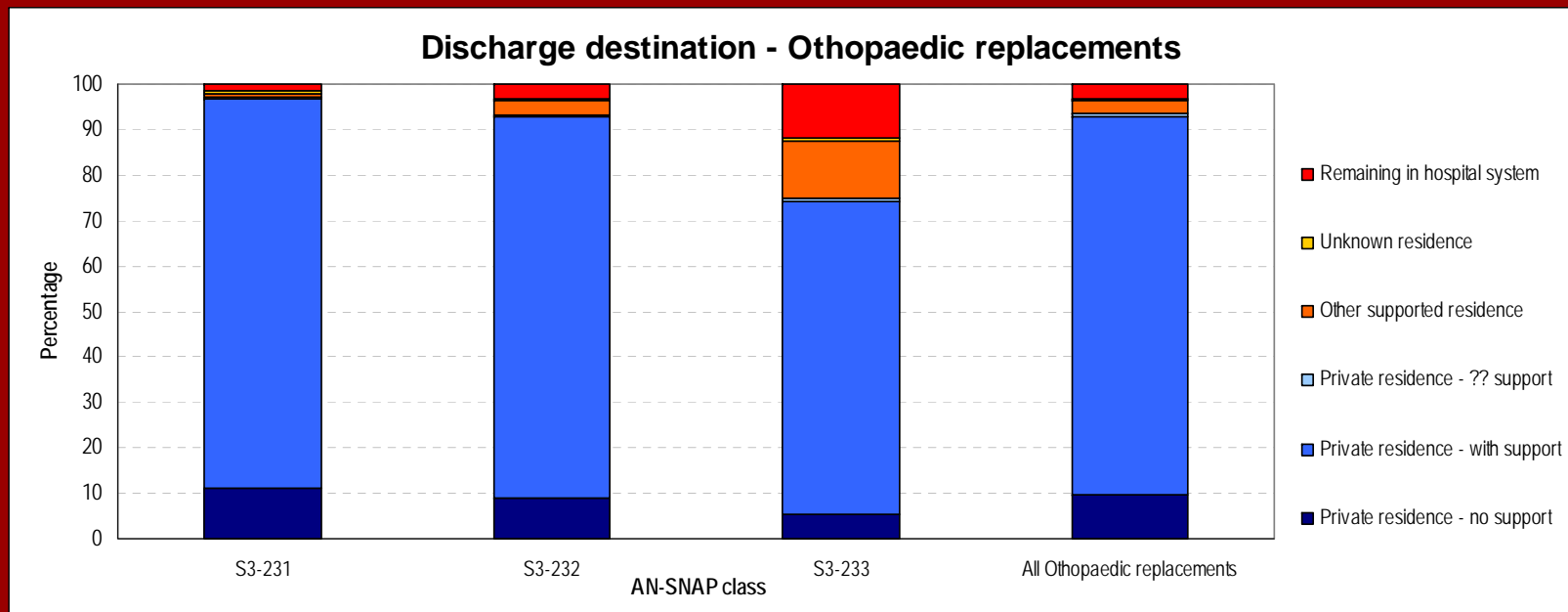
# Change in orthopaedic replacement episodes over time



# Orthopaedic replacement episodes in 2011

AN-SNAP class:	S3-231	S3-232	S3-233	All Orthopaedic replacements
Number of episodes	6,342	11,829	1,182	19,353
Proportion of episodes	32.8%	61.1%	6.1%	100.0%
Sector (%)				
<i>Private</i>	92.1	82.1	54.8	83.7
<i>Public</i>	7.9	17.9	45.2	16.3
Gender (%)				
<i>Female</i>	57.4	68.3	67.0	64.7
<i>Male</i>	42.6	31.7	33.0	35.3
Age (Mean+95%CI)	67.9 (67.6–68.1)	72.8 (72.6–73.0)	78.4 (77.8–79.0)	71.5 (71.4–71.7)
Admission FIM (Mean+95%CI)	110.6 (110.5–110.7)	95.8 (95.6–95.9)	68.2 (67.5–68.9)	99.2 (99.0–99.4)
LOS (Mean+95%CI)	9.8 (9.7–10.0)	12.7 (12.6–12.9)	22.2 (21.3–23.1)	12.3 (12.2–12.4)
Discharge destination (%)				
<i>Discharged to community</i>	98.7	96.8	88.2	96.9
<i>Remaining in hospital system</i>	1.3	3.2	11.8	3.1
FIM improvement (Mean+95%CI)	8.2 (8.1–8.3)	19.0 (18.8–19.1)	31.7 (30.9–32.5)	16.1 (16.0–16.2)
FIM efficiency (FIM imp./LOS)	0.8	1.5	1.4	1.3

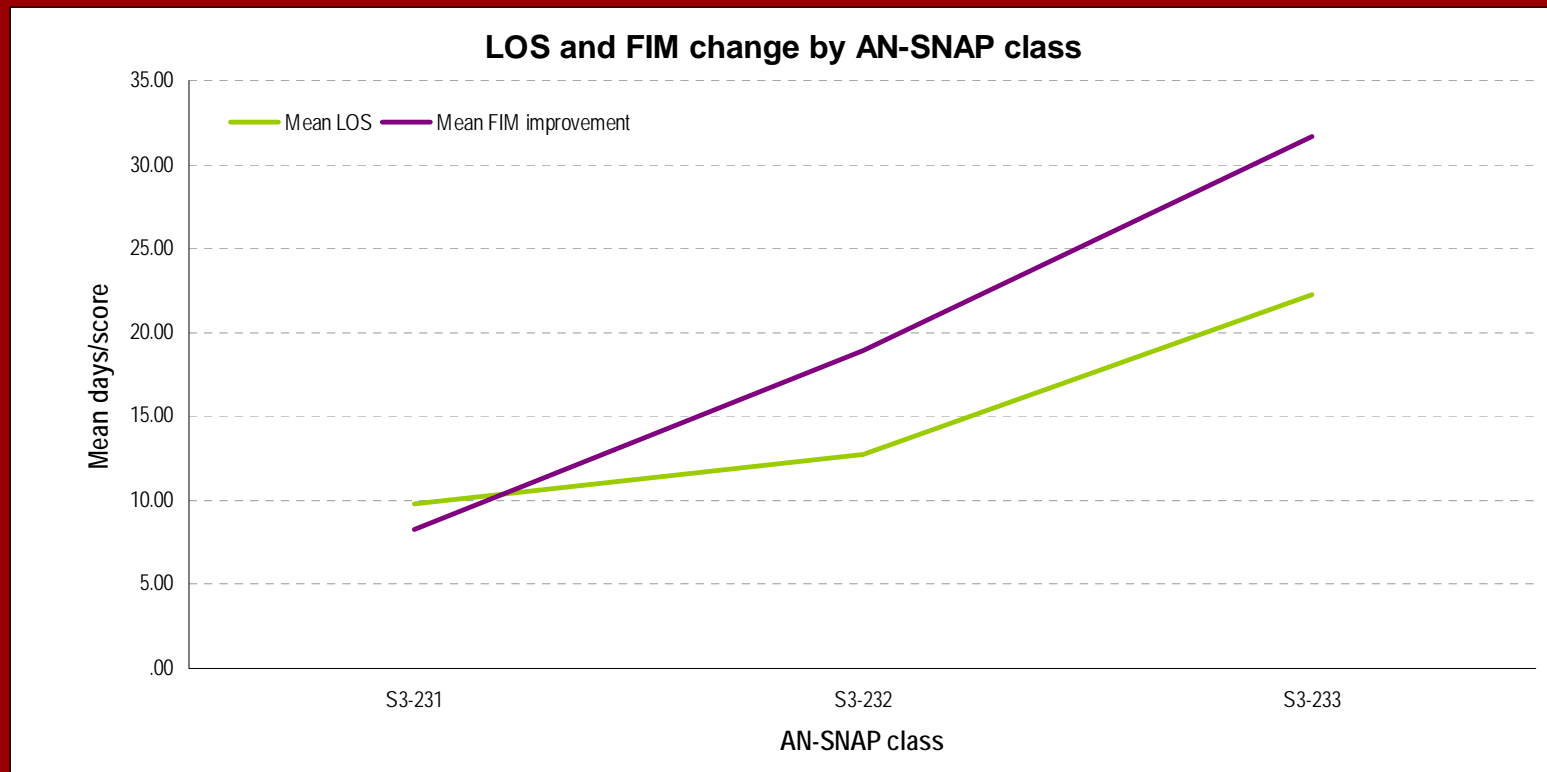
# Orthopaedic replacement discharge destination by AN-SNAP class



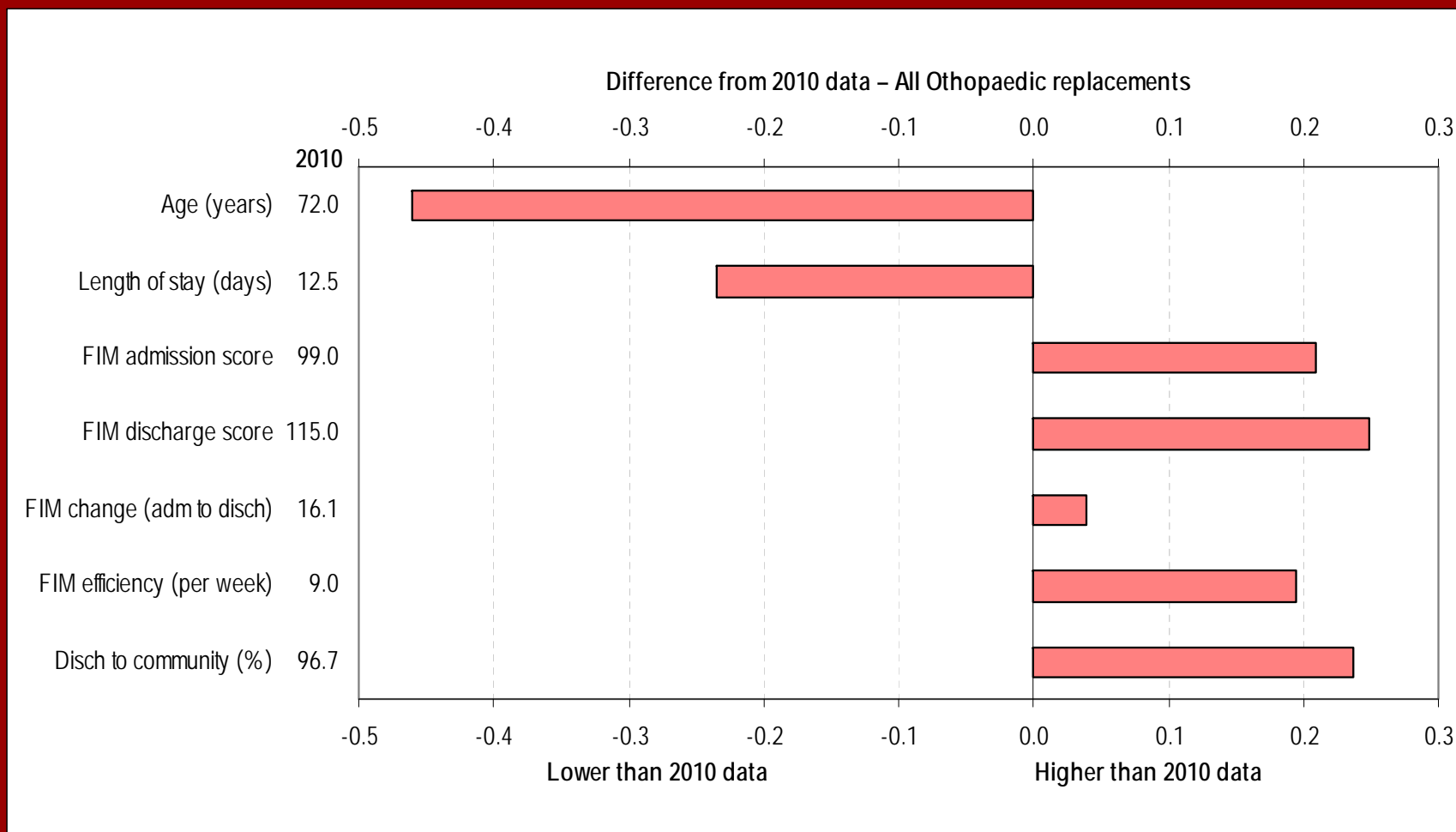


# Orthopaedic replacement LOS and FIM change by AN-SNAP class

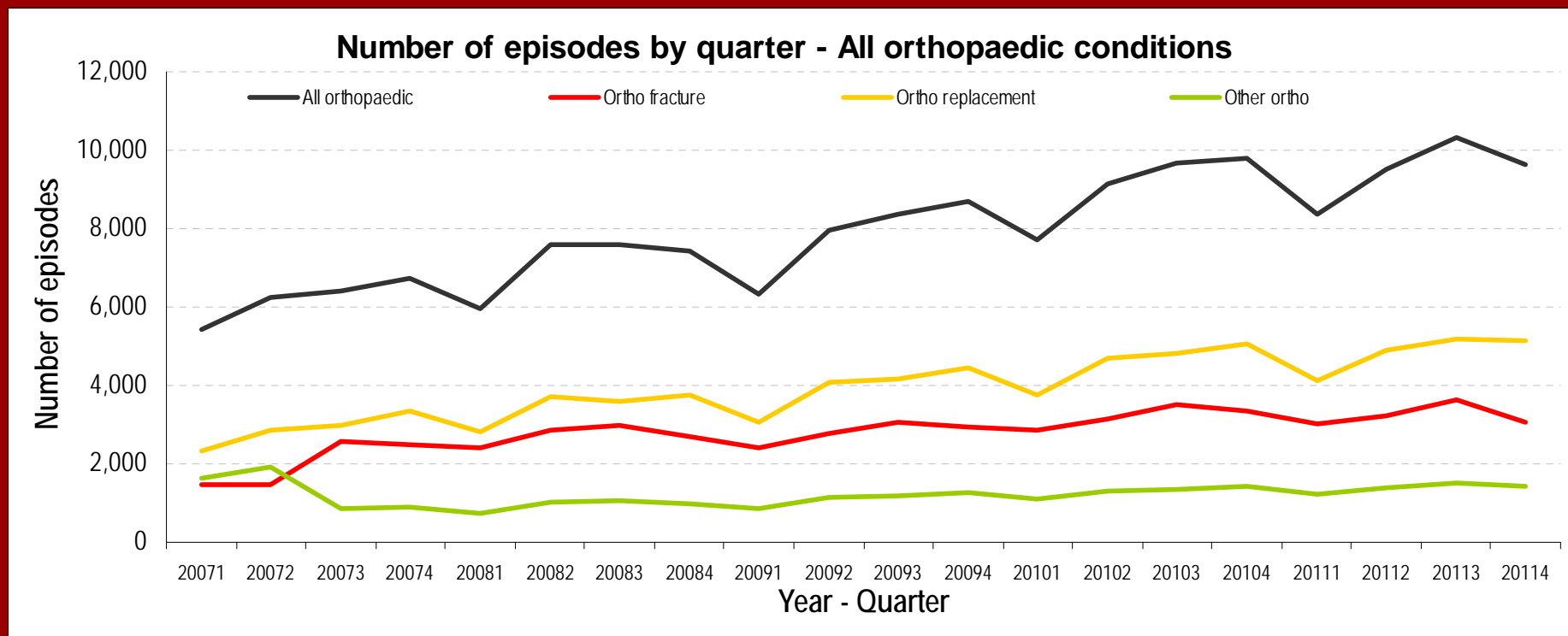
*aroc*



# Change in outcome measures in orthopaedic replacement – 2010 to 2011



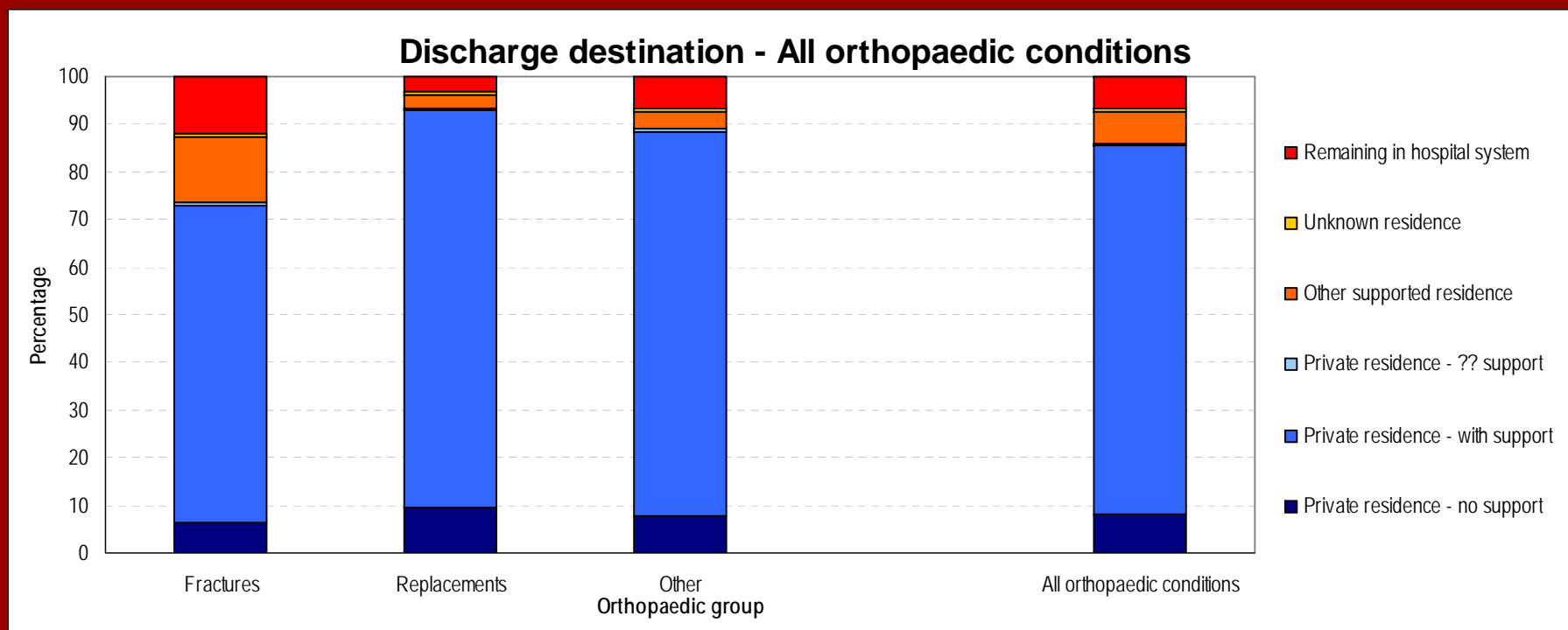
# Change in all orthopaedic episodes over time



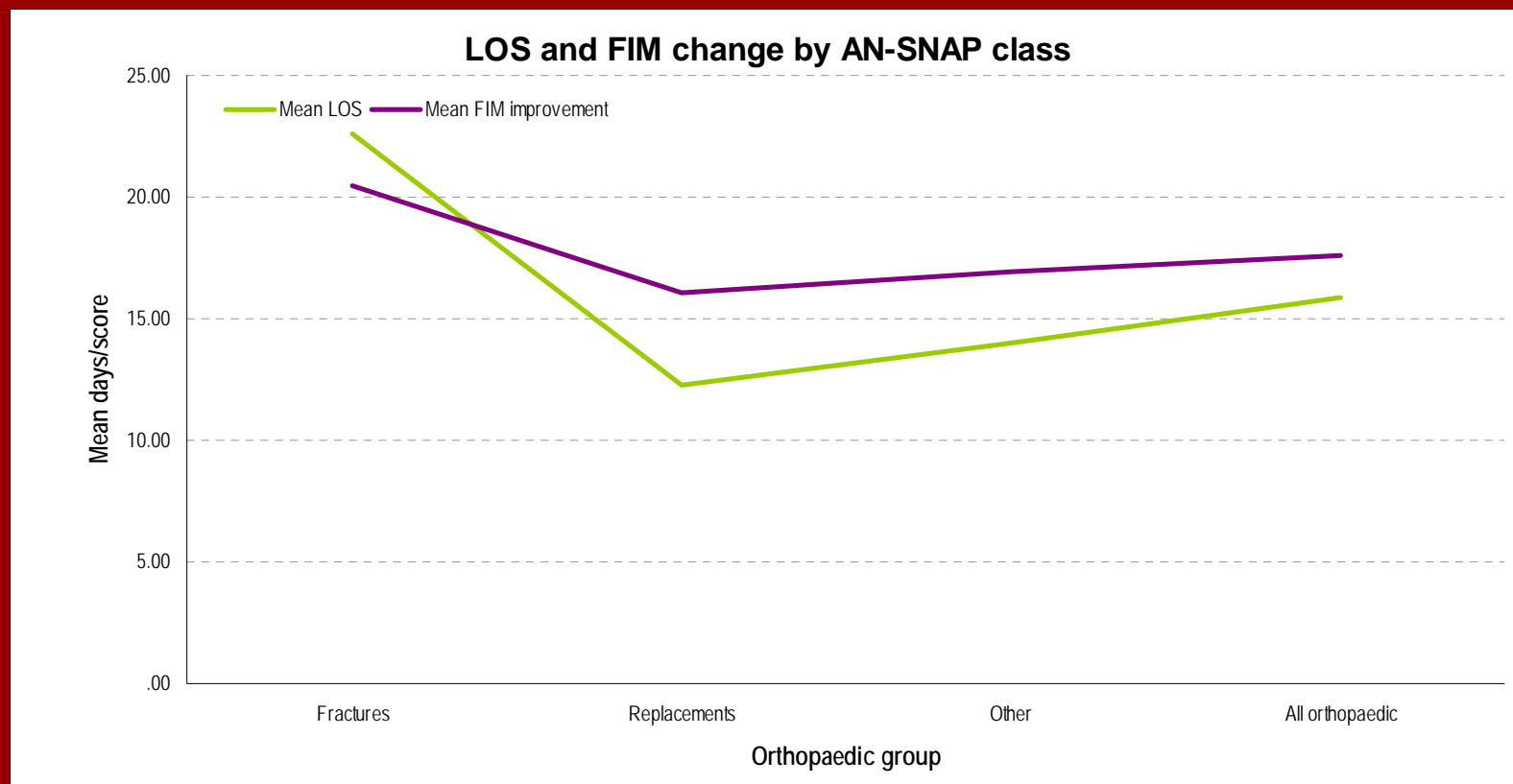
# All orthopaedic episodes in 2011

	Fractures	Replacements	Other	All orthopaedic conditions
Number of episodes	12,930	19,353	5,518	37,801
Proportion of episodes	34.2%	51.2%	14.6%	100.0%
Sector (%)				
<i>Private</i>	51.6	83.7	84.1	72.8
<i>Public</i>	48.4	16.3	15.9	27.2
Gender (%)				
<i>Female</i>	72.1	64.7	62.7	66.9
<i>Male</i>	27.9	35.3	37.3	33.1
Age (Mean+95%CI)	77.9 (77.7–78.2)	71.5 (71.4–71.7)	68.7 (68.3–69.0)	73.3 (73.2–73.4)
Admission FIM (Mean+95%CI)	83.9 (83.6–84.2)	99.2 (99.0–99.4)	97.8 (97.4–98.2)	94.1 (93.9–94.2)
LOS (Mean+95%CI)	22.6 (22.3–22.9)	12.3 (12.2–12.4)	14.0 (13.7–14.3)	15.9 (15.7–16.0)
Discharge destination (%)				
<i>Discharged to community</i>	87.9	96.9	93.4	93.3
<i>Remaining in hospital system</i>	12.1	3.1	6.6	6.7
FIM improvement (Mean+95%CI)	20.5 (20.2–20.7)	16.1 (16.0–16.2)	17.0 (16.7–17.2)	17.6 (17.5–17.7)
FIM efficiency (FIM imp./LOS)	0.9	1.3	1.2	1.1

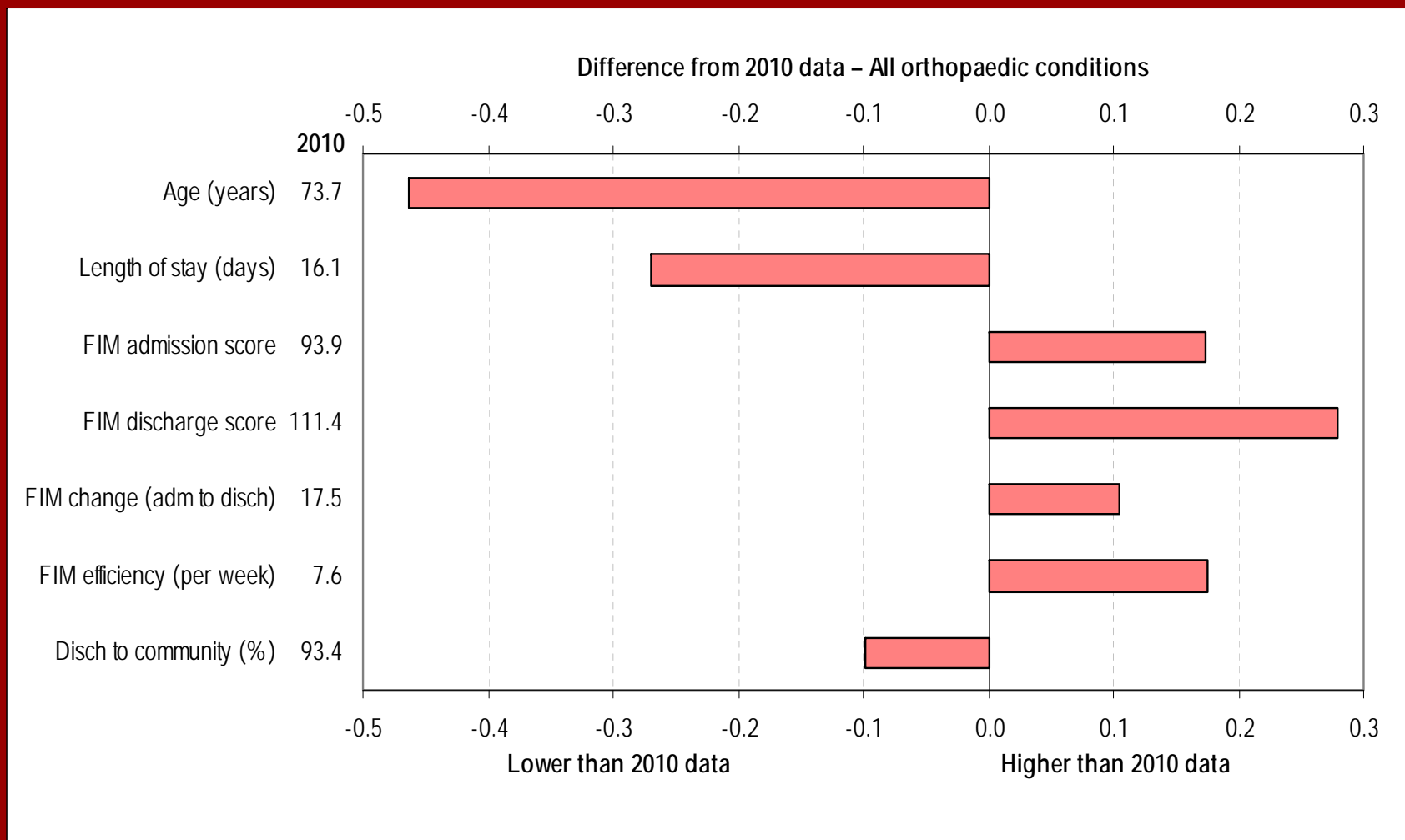
# All Orthopaedic episodes discharge destination by AN-SNAP class



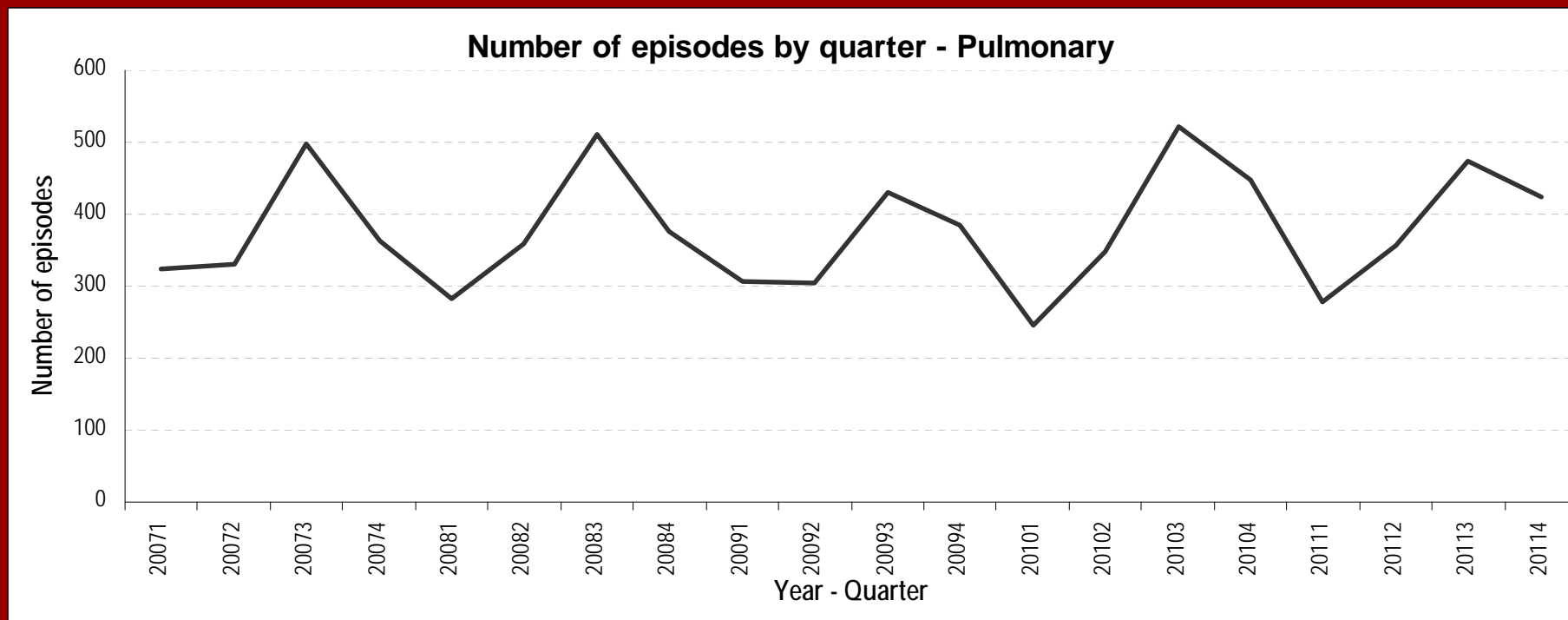
# All orthopaedic conditions LOS and FIM change by AN-SNAP class



# Change in outcome measures in orthopaedic conditions – 2010 to 2011



# Change in pulmonary episodes over time

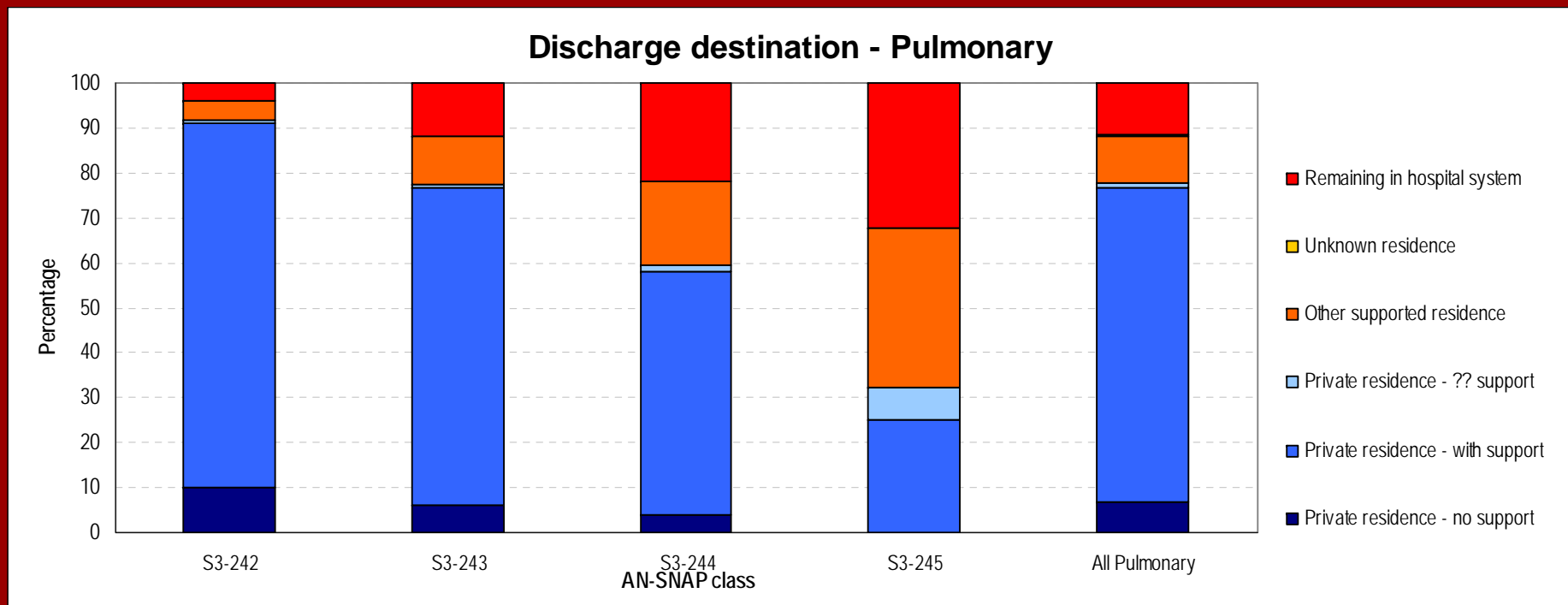




# Pulmonary episodes in 2011

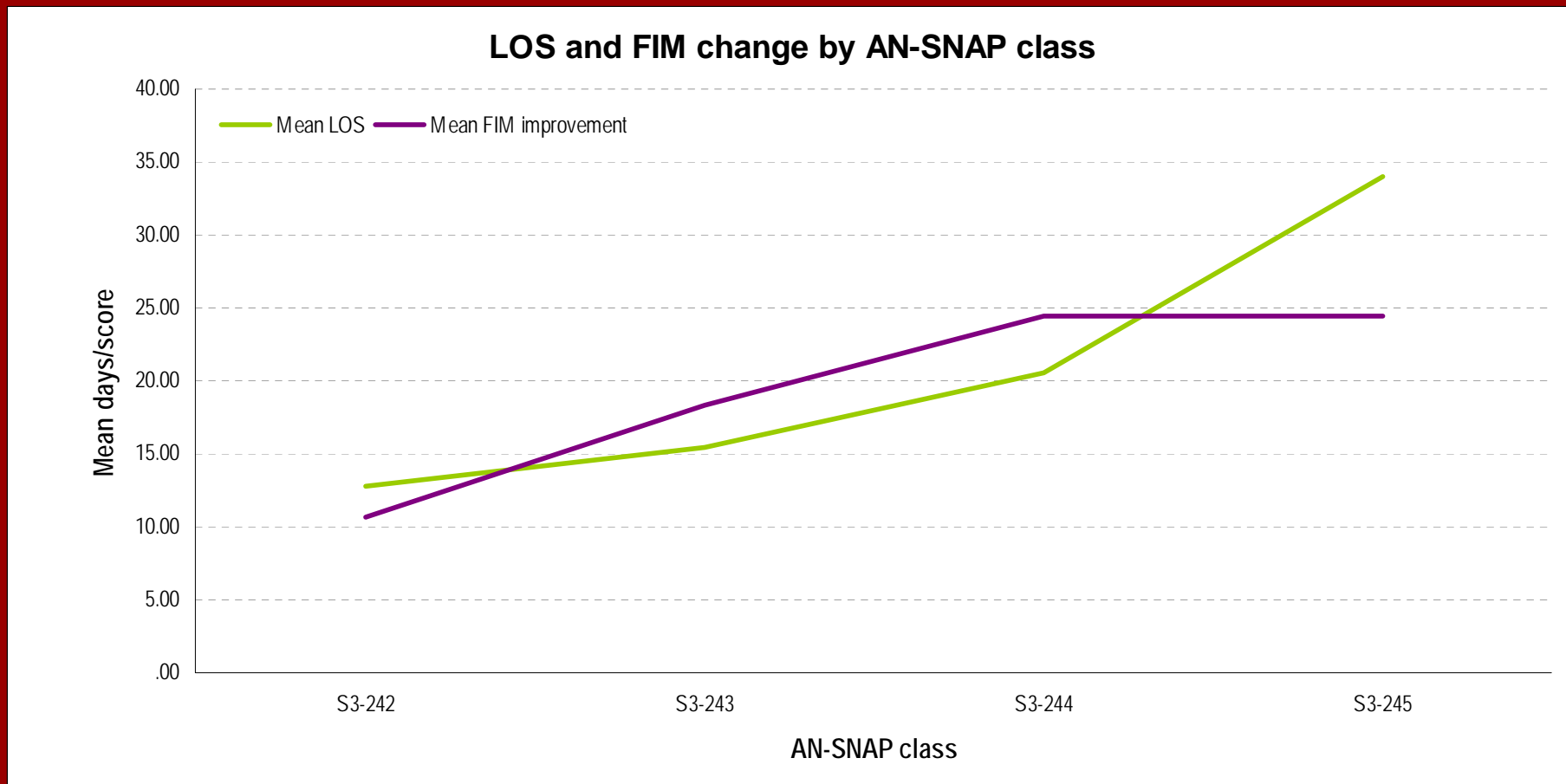
AN-SNAP class:	S3-242	S3-243	S3-244	S3-245	All Pulmonary
Number of episodes	540	635	332	28	1,535
Proportion of episodes	35.2%	41.4%	21.6%	1.8%	100.0%
Sector (%)					
<i>Private</i>	78.1	70.6	44.6	28.6	66.8
<i>Public</i>	21.9	29.4	55.4	71.4	33.2
Gender (%)					
<i>Female</i>	62.4	57.8	52.1	50.0	58.0
<i>Male</i>	37.6	42.2	47.9	50.0	42.0
Age (Mean+95%CI)	78.1 (77.2–78.9)	80.6 (79.8–81.4)	81.3 (80.3–82.4)	81.1 (75.9–86.3)	79.9 (79.4–80.4)
Admission FIM (Mean+95%CI)	107.5 (106.9–108.0)	90.6 (90.0–91.2)	69.1 (67.6–70.5)	40.1 (35.1–45.1)	92.4 (91.5–93.3)
LOS (Mean+95%CI)	12.8 (12.2–13.4)	15.4 (14.8–16.1)	20.6 (19.1–22.0)	34.0 (18.3–49.7)	15.6 (15.1–16.1)
Discharge destination (%)					
<i>Discharged to community</i>	96.1	88.0	78.3	67.9	88.4
<i>Remaining in hospital system</i>	3.9	12.0	21.7	32.1	11.6
FIM improvement (Mean+95%CI)	10.7 (10.2–11.2)	18.4 (17.6–19.2)	24.4 (22.6–26.2)	24.5 (10.5–38.5)	16.7 (16.1–17.3)
FIM efficiency (FIM imp./LOS)	0.8	1.2	1.2	0.7	1.1

# Pulmonary discharge destination by AN-SNAP class

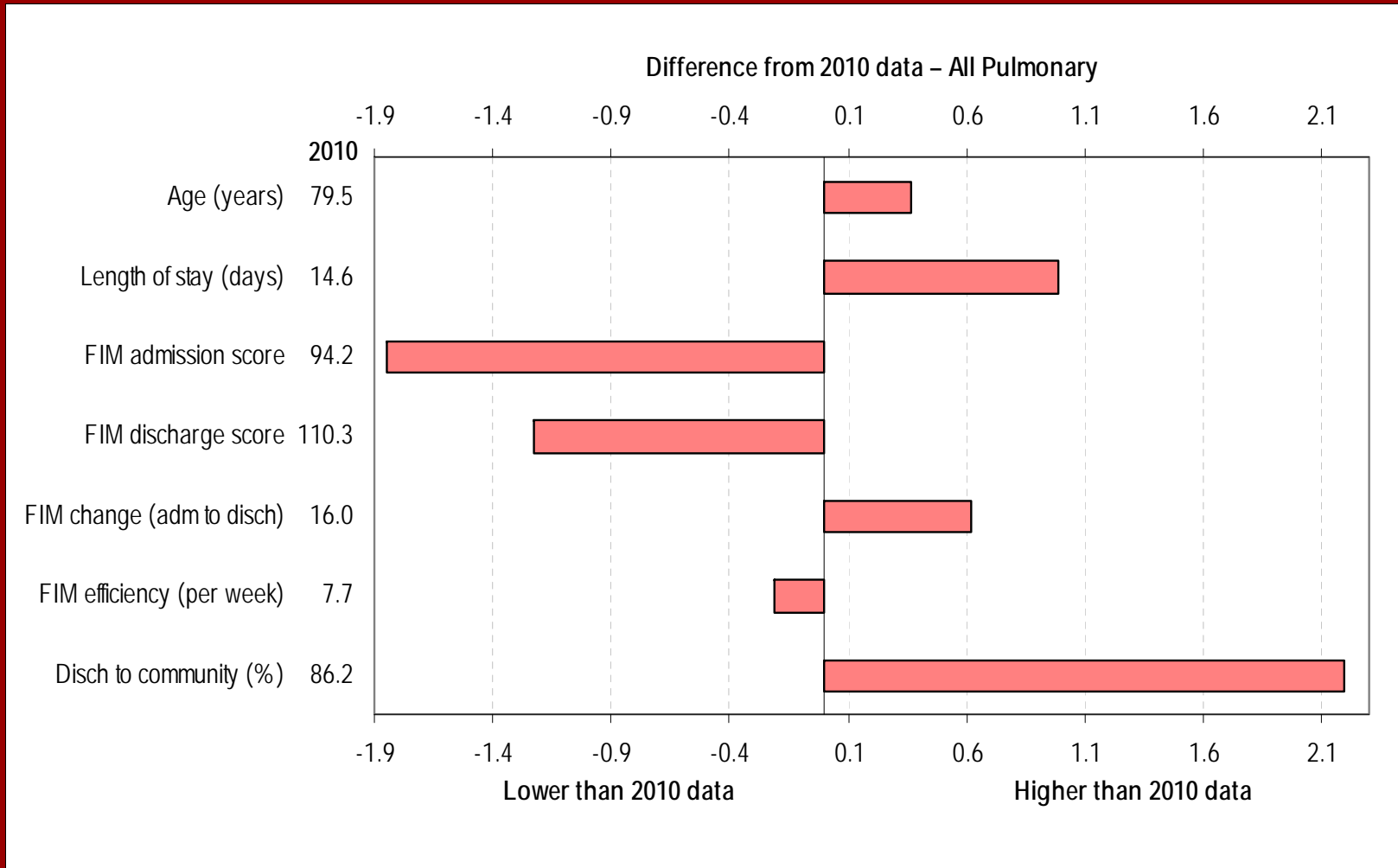


# Pulmonary LOS and FIM change by AN-SNAP class

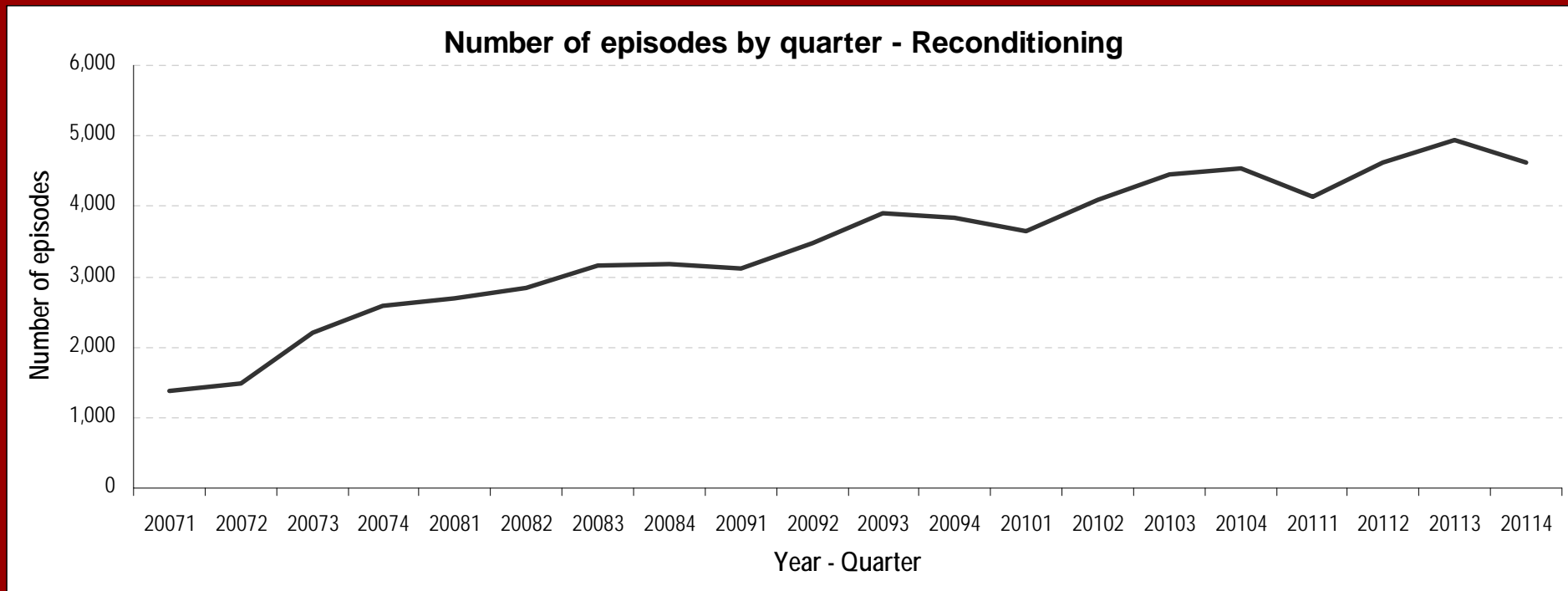
*aroc*



# Change in outcome measures in pulmonary – 2010 to 2011



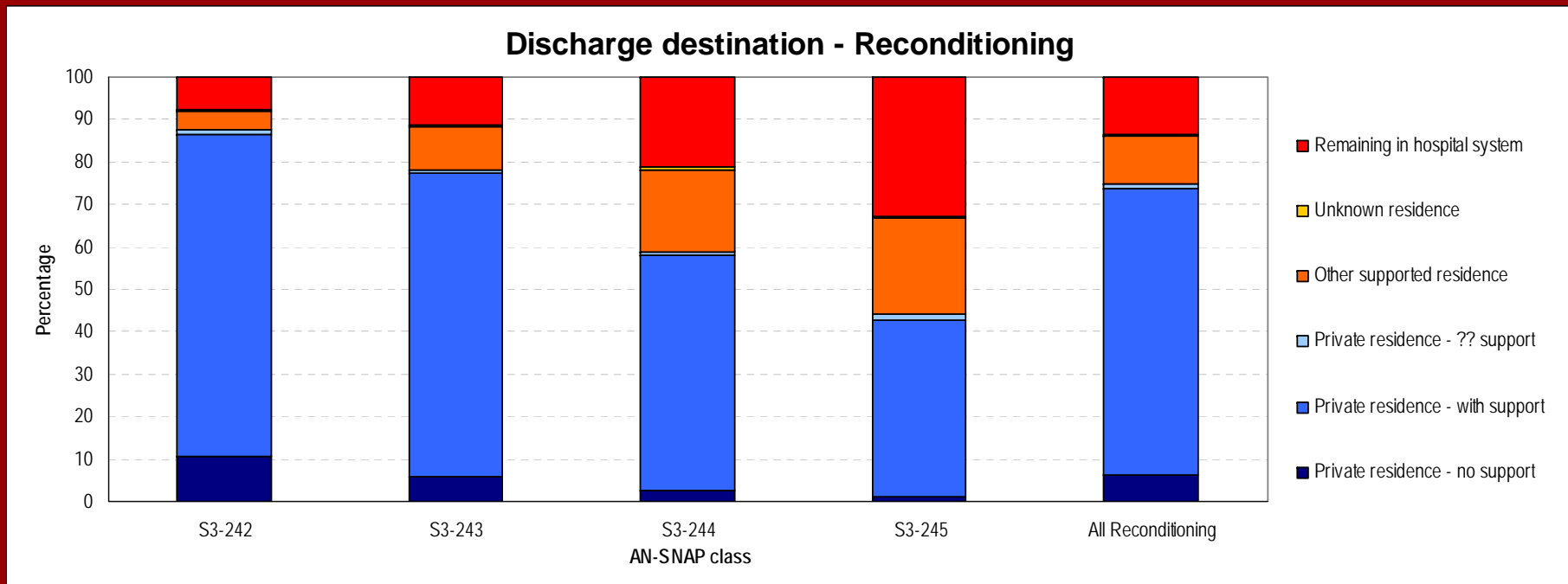
# Change in reconditioning episodes over time



# Reconditioning episodes in 2011

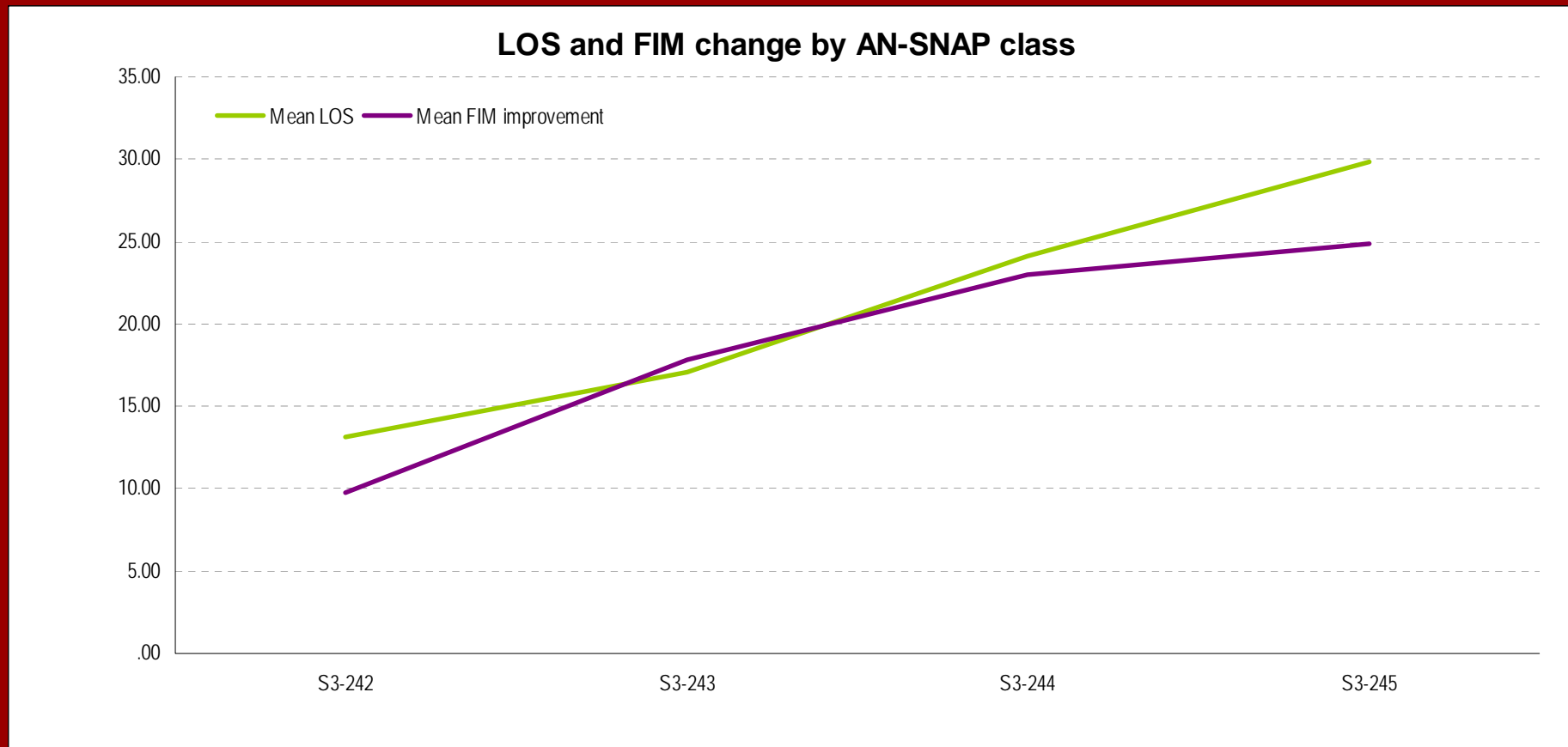
<b>AN-SNAP class:</b>	<b>S3-242</b>	<b>S3-243</b>	<b>S3-244</b>	<b>S3-245</b>	<b>All Reconditioning</b>
Number of episodes	5,697	6,975	5,093	554	18,319
Proportion of episodes	31.1%	38.1%	27.8%	3.0%	100.0%
Sector (%)					
<i>Private</i>	74.7	68.6	48.1	29.1	63.6
<i>Public</i>	25.3	31.4	51.9	70.9	36.4
Gender (%)					
<i>Female</i>	58.4	62.3	55.8	51.3	59.0
<i>Male</i>	41.6	37.7	44.2	48.7	41.0
Age (Mean+95%CI)	76.4 (76.1–76.7)	80.6 (80.4–80.9)	80.6 (80.3–80.9)	77.4 (76.2–78.5)	79.2 (79.0–79.4)
Admission FIM (Mean+95%CI)	107.0 (106.9–107.2)	90.4 (90.3–90.6)	68.9 (68.6–69.3)	40.3 (39.3–41.3)	89.3 (89.0–89.6)
LOS (Mean+95%CI)	13.1 (12.8–13.4)	17.1 (16.8–17.4)	24.1 (23.5–24.6)	29.8 (27.5–32.2)	17.8 (17.6–18.1)
Discharge destination (%)					
<i>Discharged to community</i>	92.5	88.8	78.7	67.1	86.5
<i>Remaining in hospital system</i>	7.5	11.2	21.3	32.9	13.5
FIM improvement (Mean+95%CI)	9.8 (9.6–9.9)	17.8 (17.6–18.0)	23.0 (22.6–23.5)	24.8 (22.5–27.2)	16.6 (16.4–16.8)
FIM efficiency (FIM imp./LOS)	0.7	1.0	1.0	0.8	0.9

# Reconditioning discharge destination by AN-SNAP class



# Reconditioning LOS and FIM change by AN-SNAP class

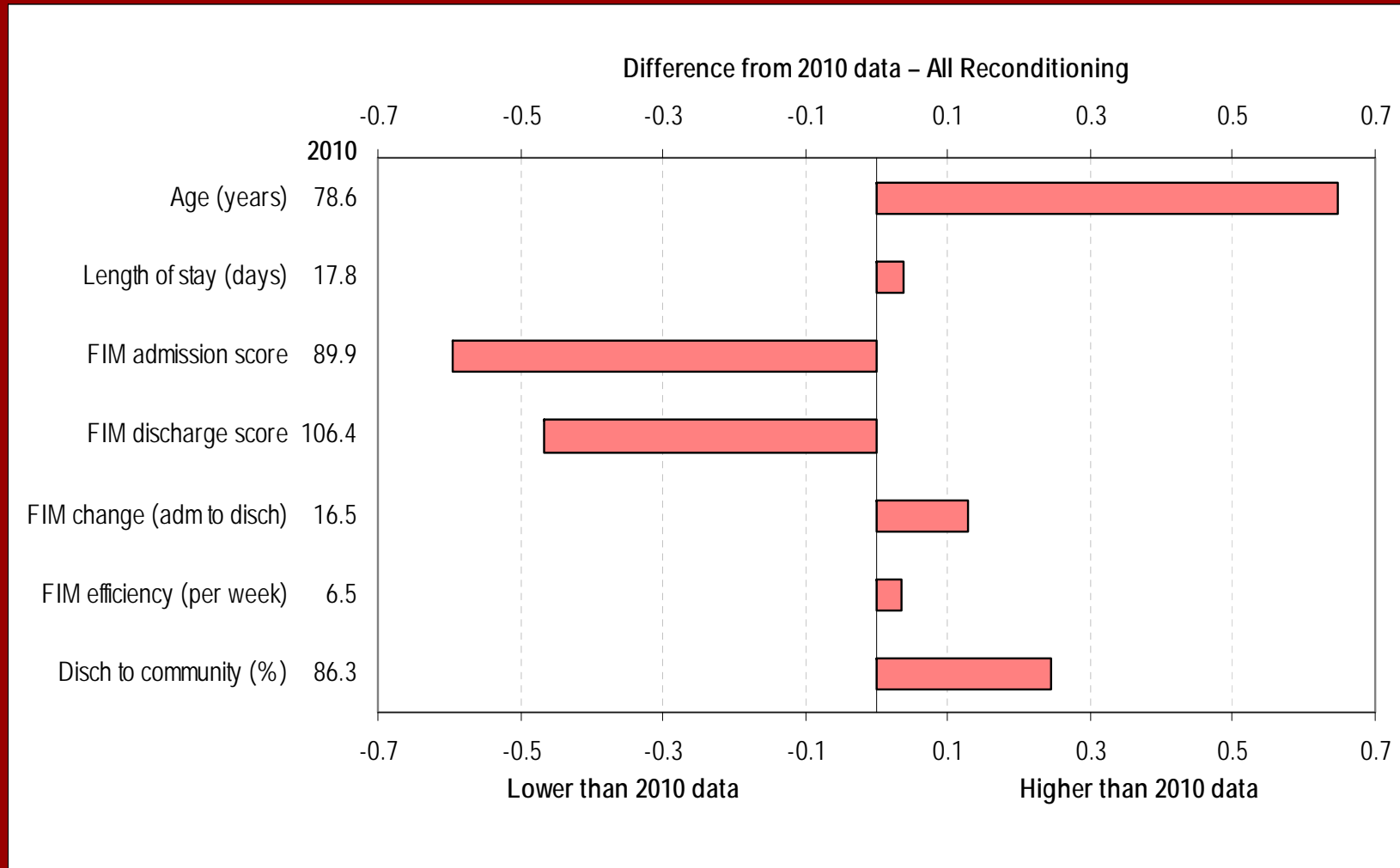
*aroc*



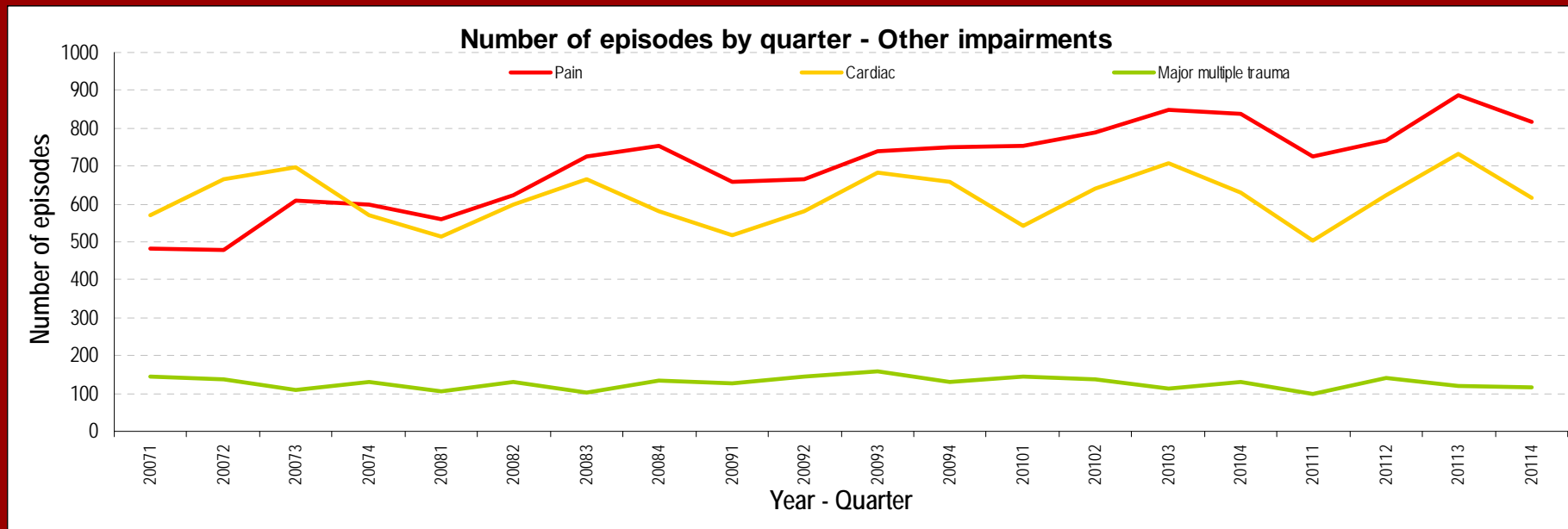


# Change in outcome measures in reconditioning – 2010 to 2011

*aroc*



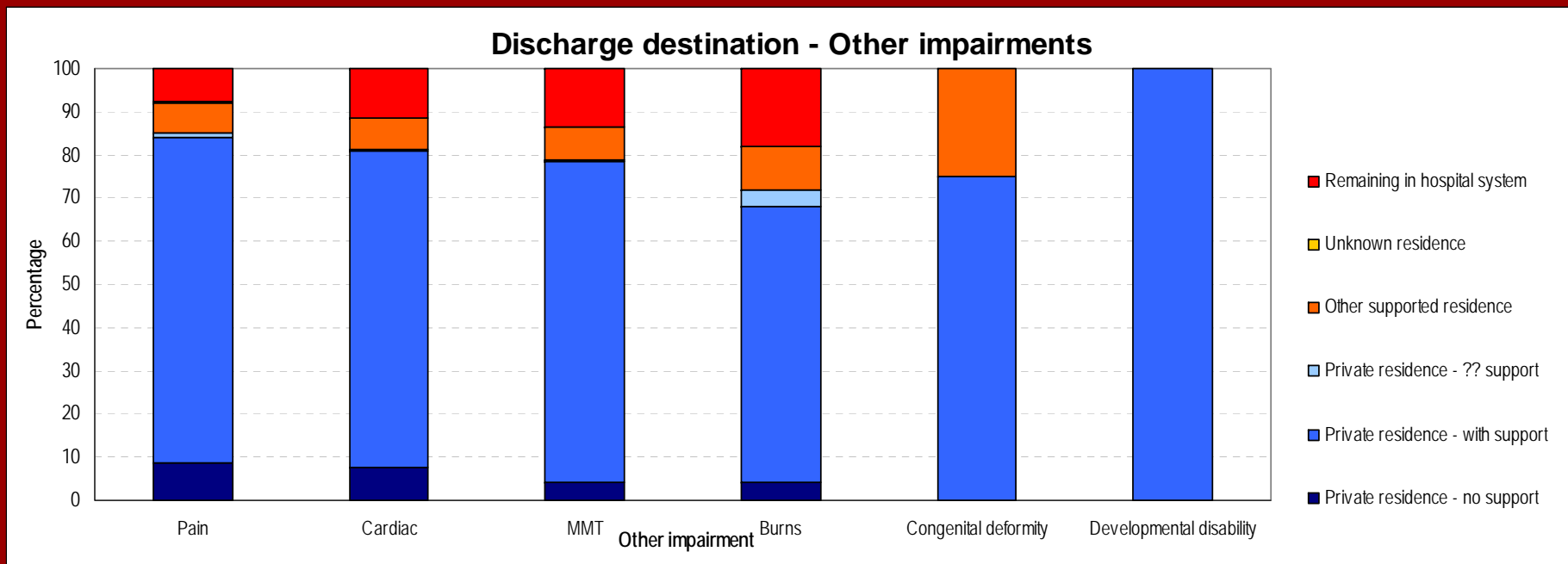
# Change in other impairment episodes over time



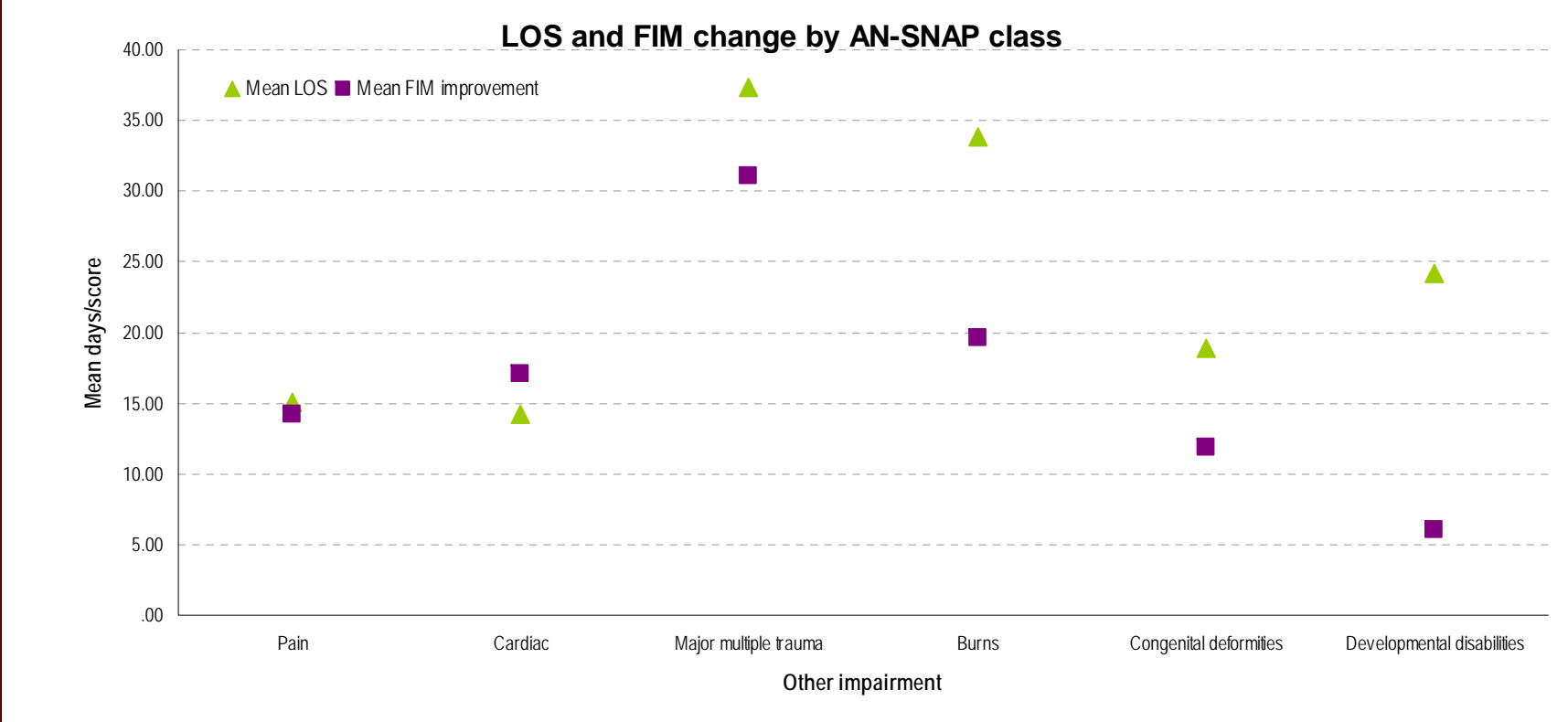
# Other impairment episodes in 2011

	<b>Pain</b>	<b>Cardiac</b>	<b>MMT</b>	<b>Burns</b>	<b>Congenital deformity</b>	<b>Developmental disability</b>
Number of episodes	3,199	2,475	476	50	8	5
Proportion of total episodes in 2011	4.1%	3.1%	0.6%	0.1%	0.0%	0.0%
Sector (%)						
<i>Private</i>	72.3	78.1	56.1	10.0	50.0	20.0
<i>Public</i>	27.7	21.9	43.9	90.0	50.0	80.0
Gender (%)						
<i>Female</i>	70.8	52.3	29.0	36.0	62.5	80.0
<i>Male</i>	29.2	47.7	71.0	64.0	37.5	20.0
Age (Mean+95%CI)	73.1 (72.5–73.7)	79.2 (78.9–79.6)	48.7 (46.9–50.6)	57.6 (51.9–63.4)	35.3 (26.0–44.5)	57.0 (27.4–86.6)
Admission FIM (Mean+95%CI)	96.2 (95.6–96.9)	95.9 (95.2–96.5)	80.2 (78.1–82.3)	85.8 (80.1–91.5)	90.3 (68.3–112.3)	69.2 (26.8–111.6)
LOS (Mean+95%CI)	15.1 (14.7–15.4)	14.2 (13.8–14.6)	37.3 (34.1–40.5)	33.8 (21.9–45.7)	18.8 (12.0–25.7)	24.2 (5.2–43.2)
Discharge destination (%)						
<i>Discharged to community</i>	92.4	88.6	86.6	82.0	100.0	100.0
<i>Remaining in hospital system</i>	7.6	11.4	13.4	18.0	0.0	0.0
FIM improvement (Mean+95%CI)	14.2 (13.8–14.6)	17.1 (16.7–17.5)	31.1 (29.1–33.1)	19.7 (16.0–23.3)	11.8 (6.9–16.8)	6.0 (-6.8–18.8)
FIM efficiency (FIM imp./LOS)	0.9	1.2	0.8	0.6	0.6	0.2

# Other impairment discharge destination by AN-SNAP class

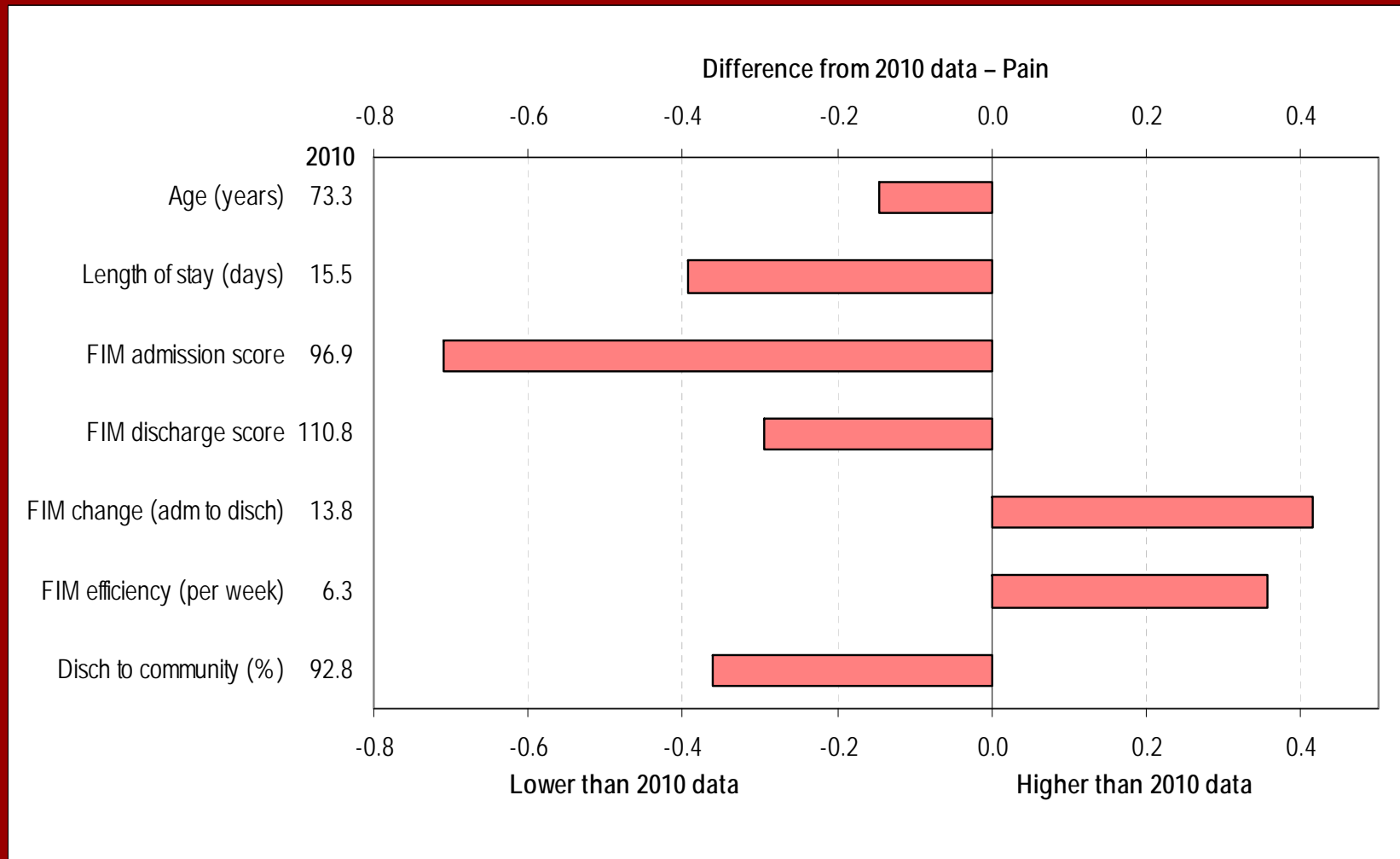


# Other impairment LOS and FIM change by AN-SNAP class



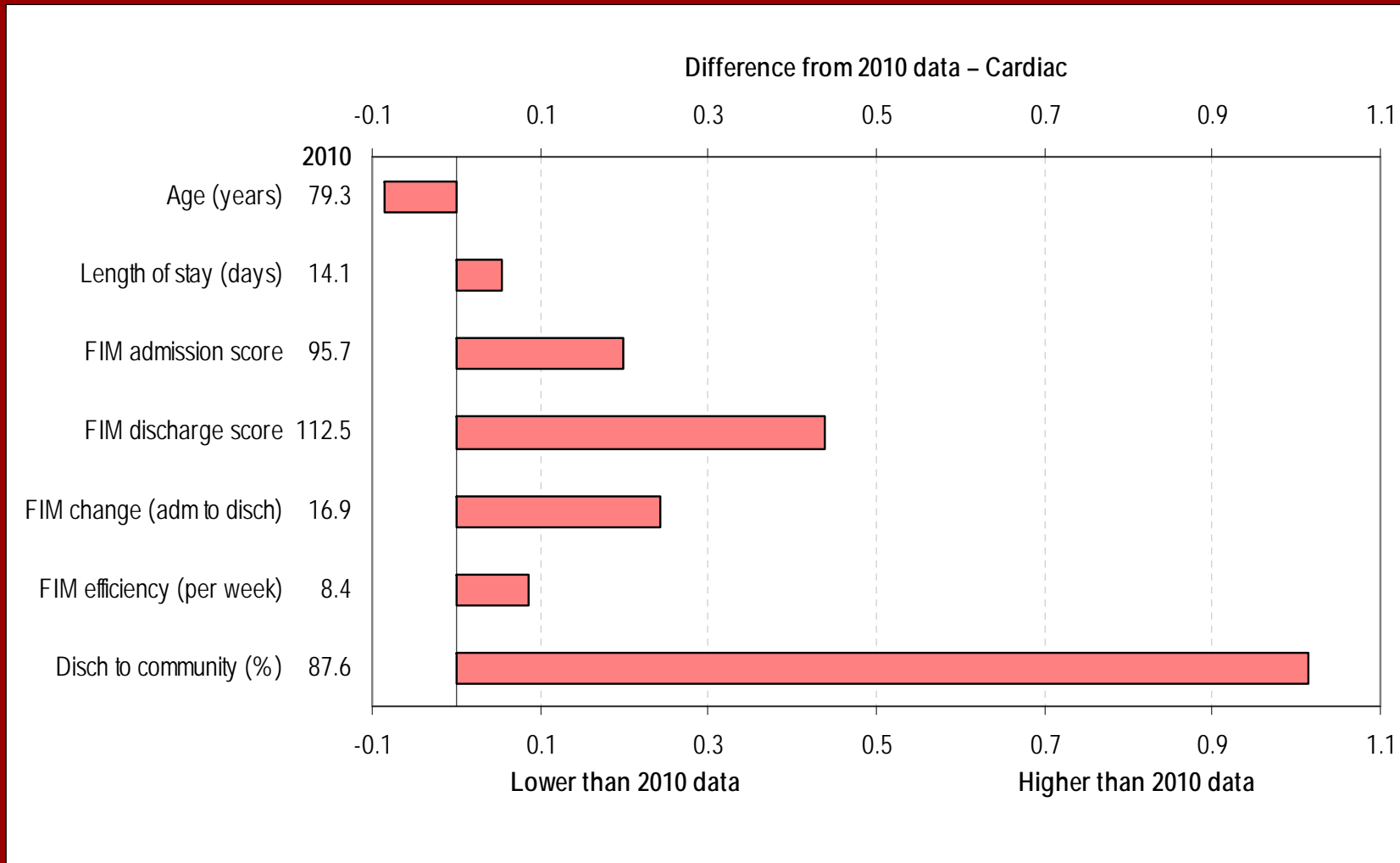
# Change in outcome measures in pain – 2010 to 2011

*aroc*

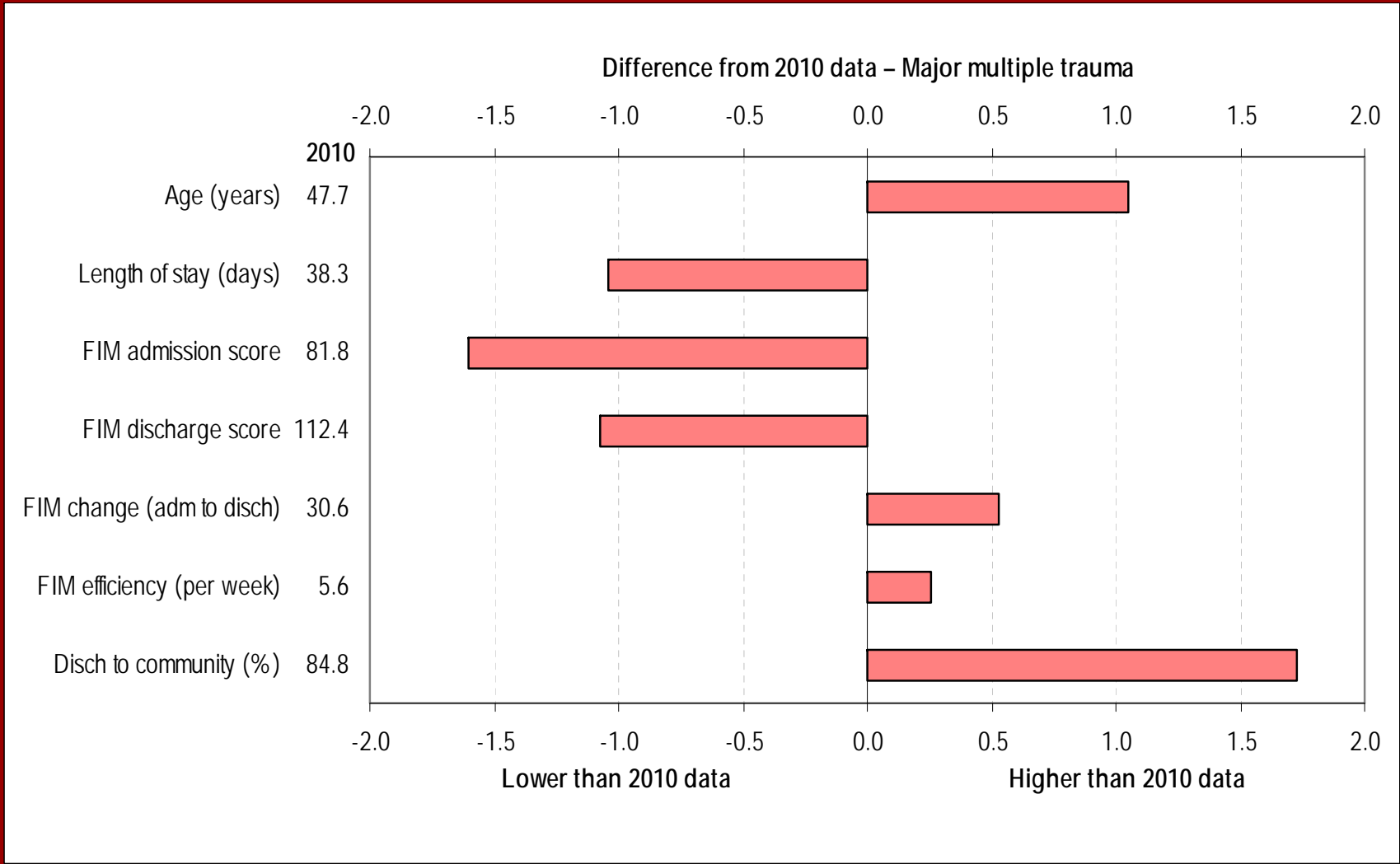


# Change in outcome measures in cardiac – 2010 to 2011

*aroc*

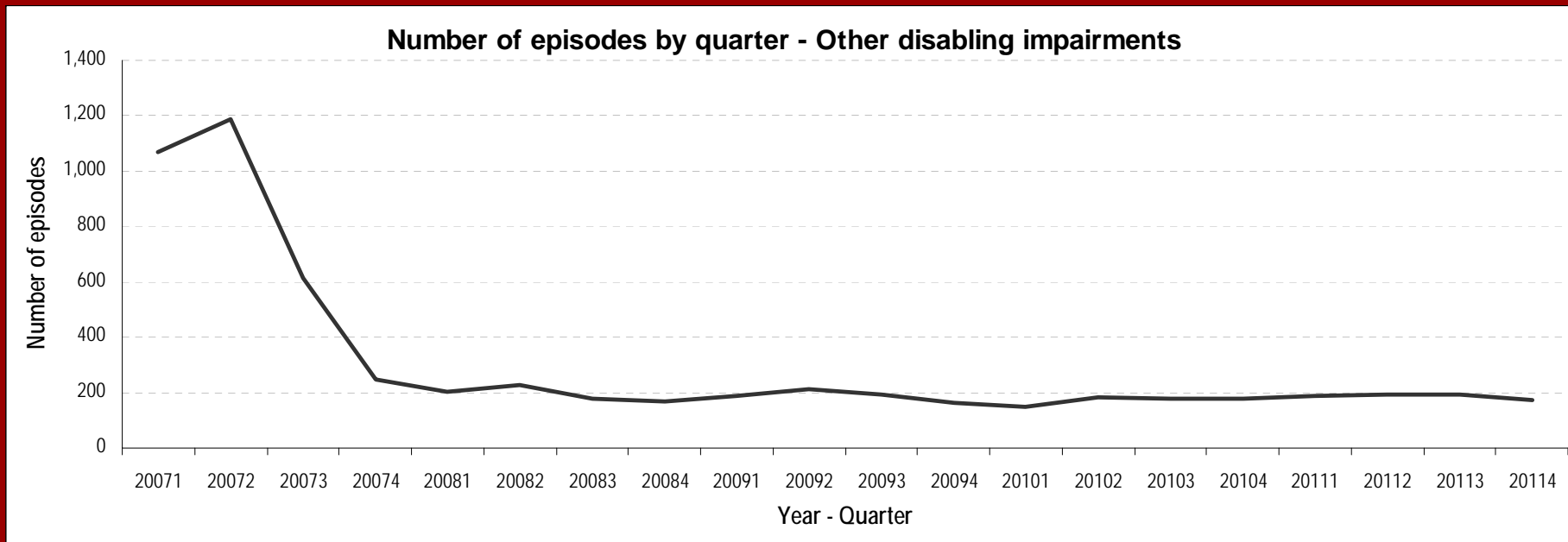


# Change in outcome measures in MMT – 2010 to 2011





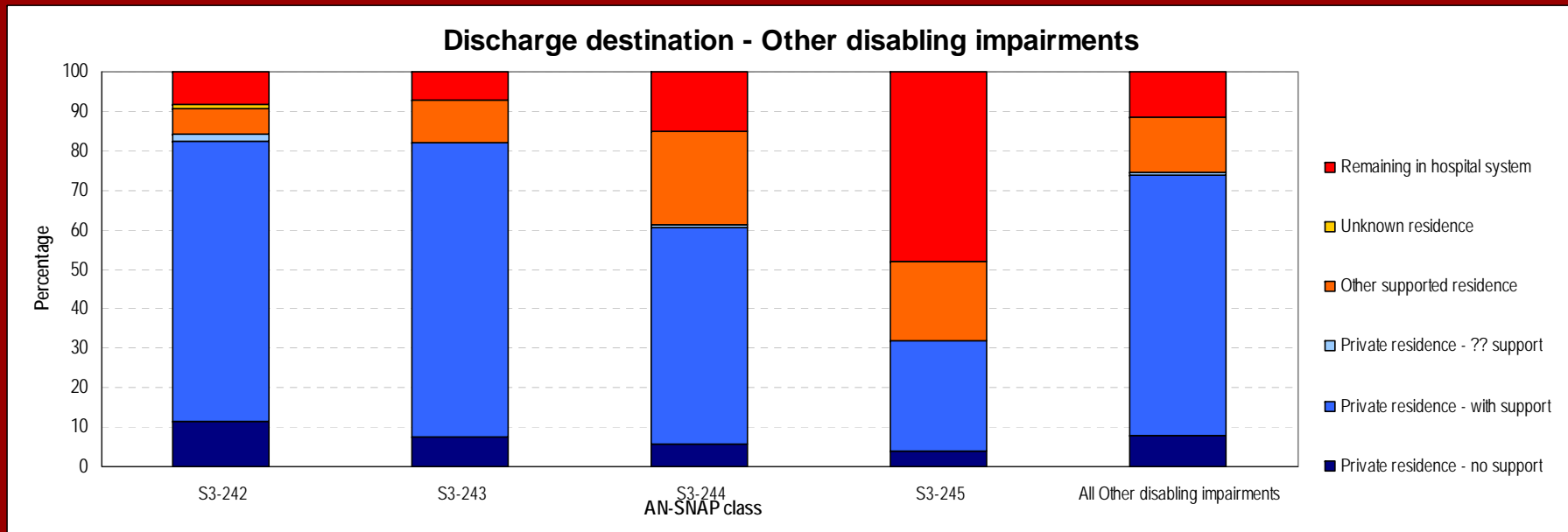
# Change in other disabling impairment episodes over time



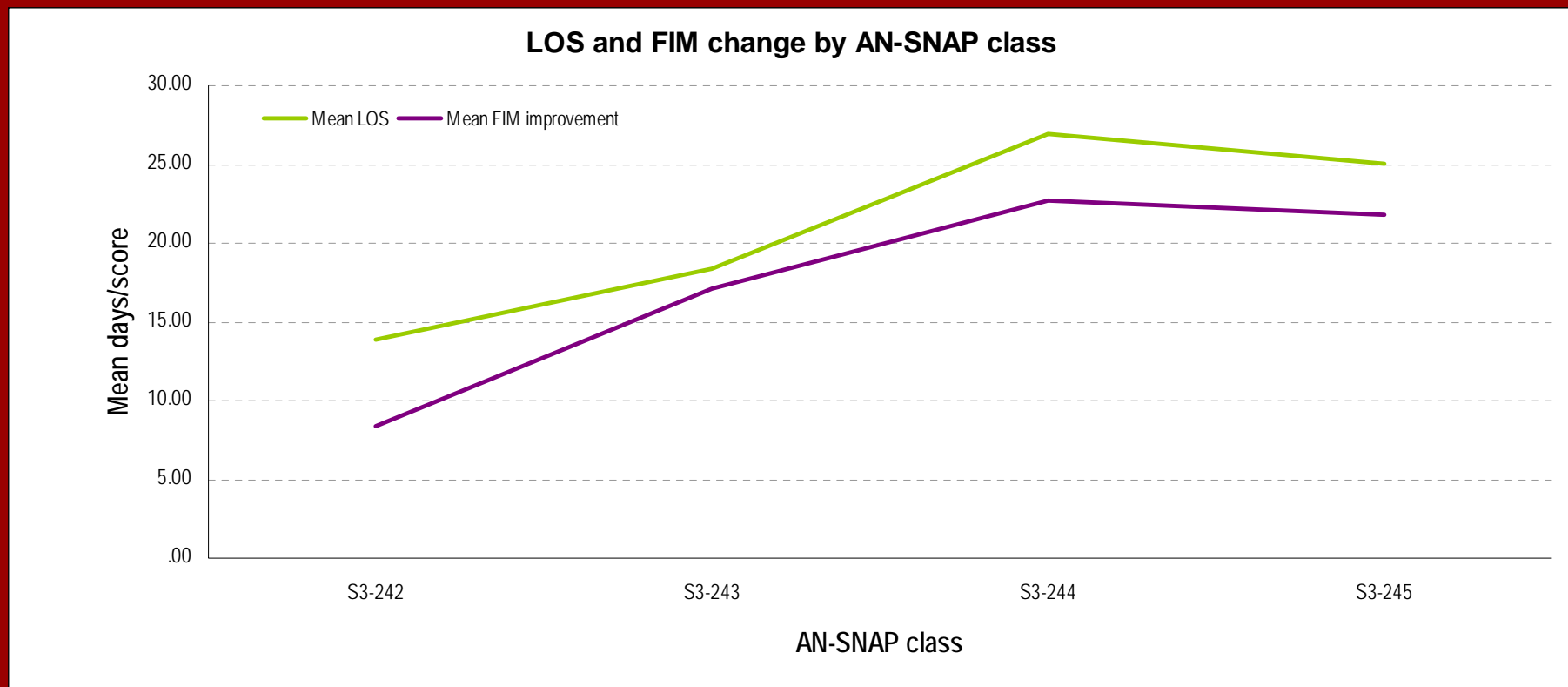
# Other disabling impairment episodes in 2011

AN-SNAP class:	S3-242	S3-243	S3-244	S3-245	All Other disabling impairments
Number of episodes	217	266	233	25	741
Proportion of episodes	29.3%	35.9%	31.4%	3.4%	100.0%
Sector (%)					
<i>Private</i>	56.2	37.6	12.9	12.0	34.4
<i>Public</i>	43.8	62.4	87.1	88.0	65.6
Gender (%)					
<i>Female</i>	62.7	61.7	56.7	48.0	59.9
<i>Male</i>	37.3	38.3	43.3	52.0	40.1
Age (Mean+95%CI)	70.7 (68.6–72.8)	77.3 (75.5–79.1)	78.0 (76.2–79.7)	72.0 (65.0–79.0)	75.4 (74.3–76.5)
Admission FIM (Mean+95%CI)	98.6 (98.4–98.9)	82.8 (82.6–83.0)	66.8 (66.4–67.1)	45.0 (44.2–45.9)	87.1 (85.6–88.7)
LOS (Mean+95%CI)	13.9 (12.7–15.1)	18.4 (17.1–19.7)	26.9 (22.4–31.5)	25.1 (17.4–32.8)	19.6 (18.1–21.1)
Discharge destination (%)					
<i>Discharged to community</i>	91.7	92.9	85.0	52.0	88.7
<i>Remaining in hospital system</i>	8.3	7.1	15.0	48.0	11.3
FIM improvement (Mean+95%CI)	8.4 (7.5–9.3)	17.1 (15.9–18.3)	22.7 (20.5–24.8)	21.8 (10.9–32.6)	16.1 (15.2–17.1)
FIM efficiency (FIM imp./LOS)	0.6	0.9	0.8	0.9	0.8

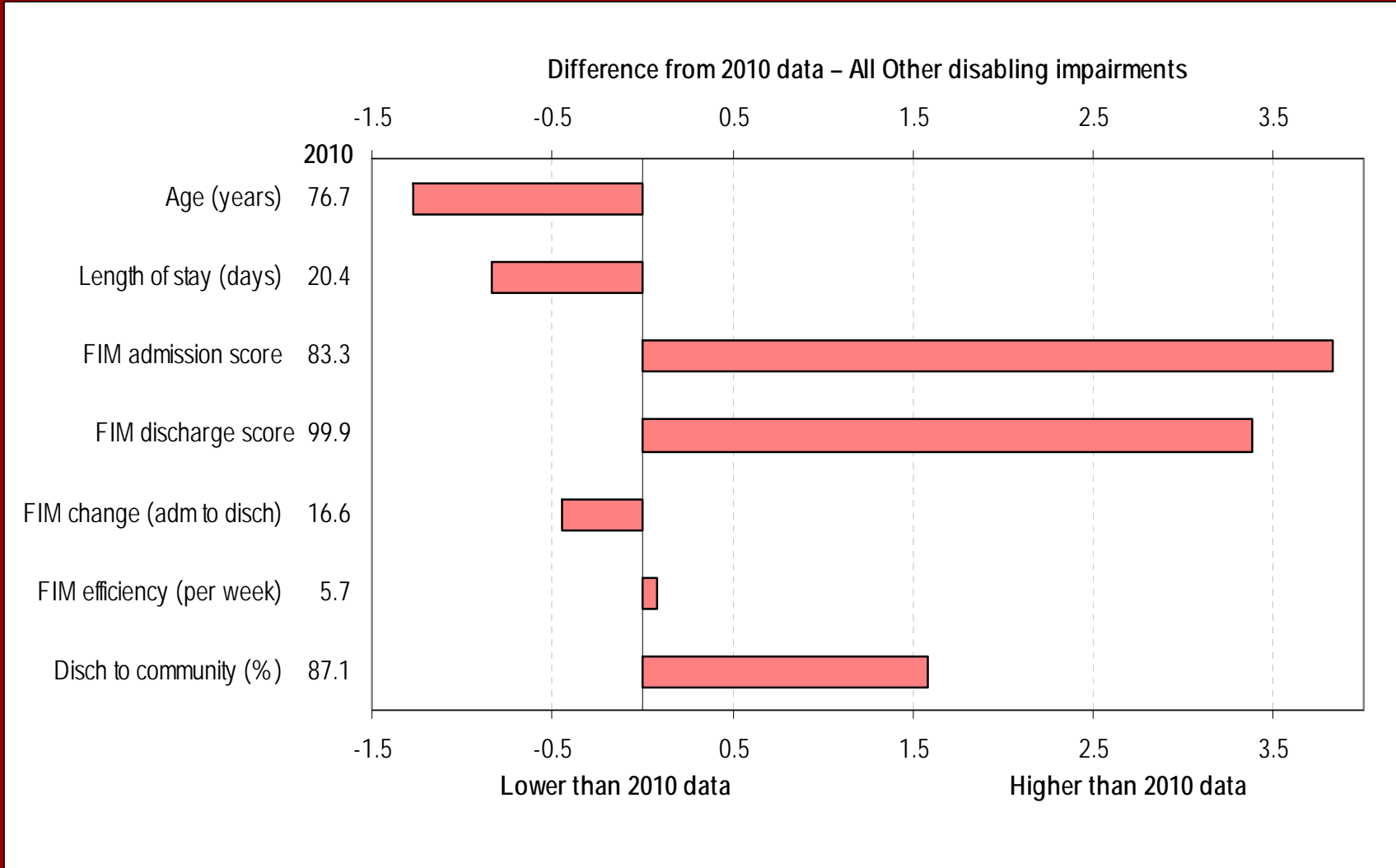
# Other disabling impairment discharge destination by AN-SNAP class



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



# Change in outcome measures in other disabling impairments – 2010 to 2011



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

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