

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

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# The AROC Annual Report: the state of rehabilitation in New Zealand in 2013

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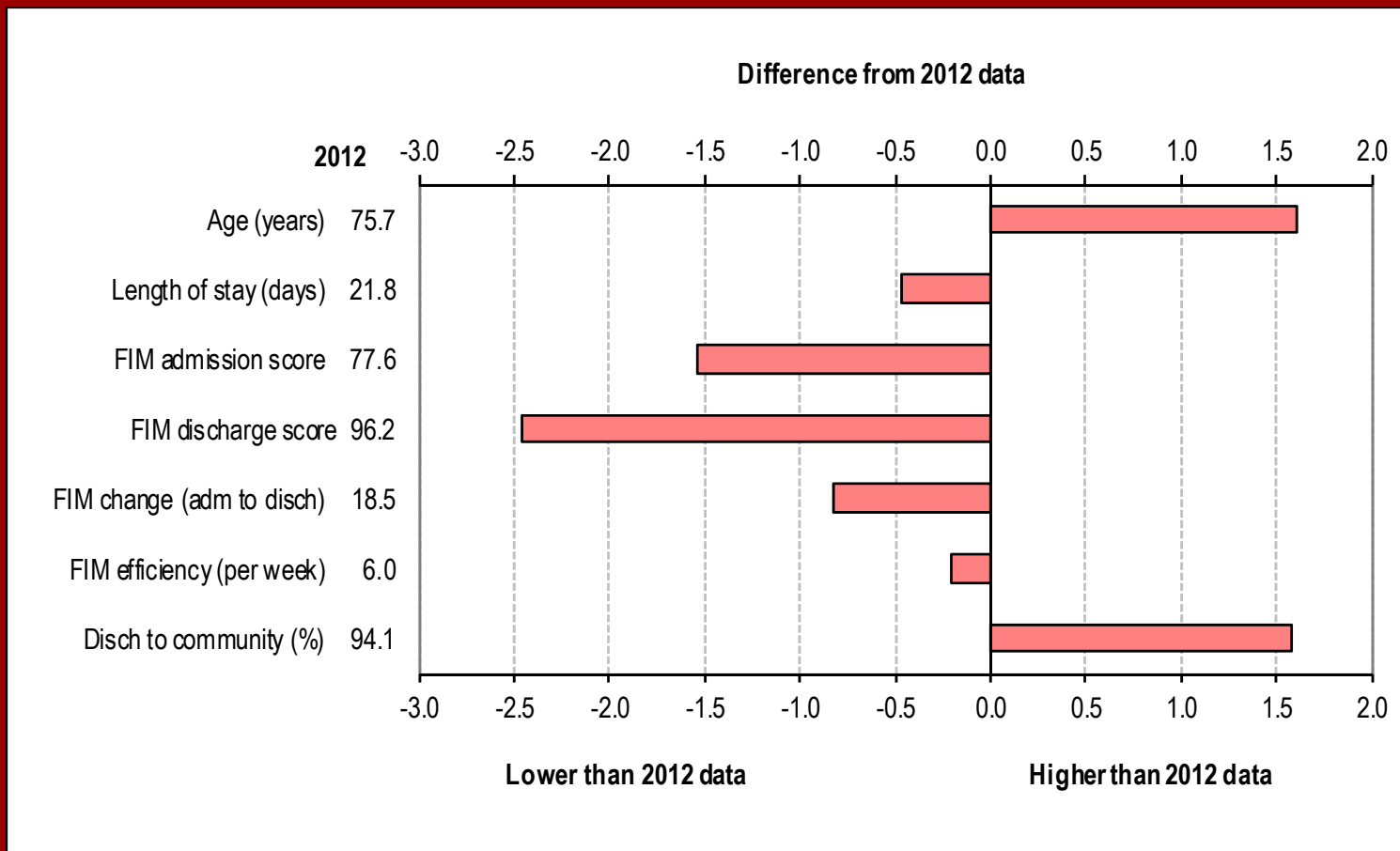
# Introduction

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

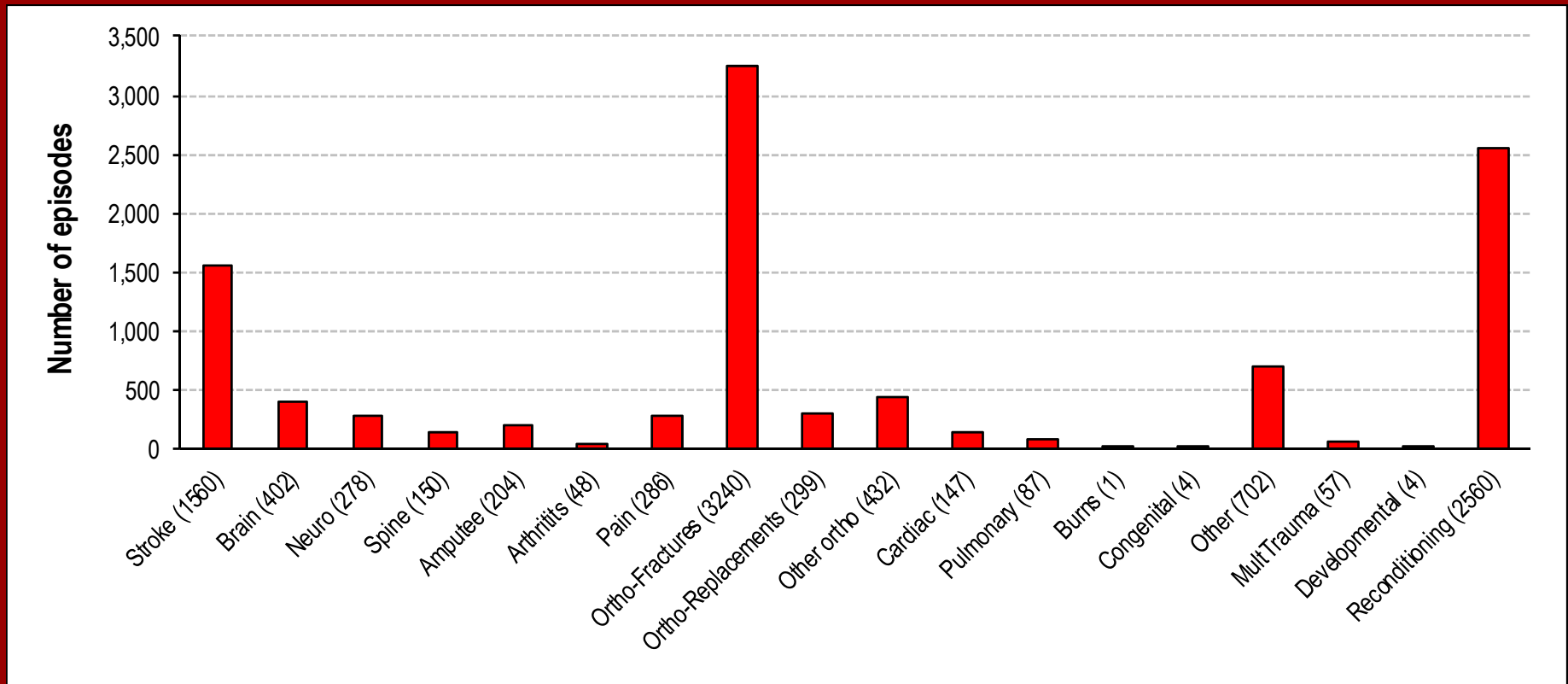
The inaugural report was published in 2013 and described the 2012 data. This report describes the 2013 data.

The provision of rehabilitation in New Zealand continues to grow in volume, with 2013 seeing a 50.3% increase in inpatient episodes of rehabilitation provided. The majority of that volume growth is directly attributable to a doubling in the number of facilities submitting data to AROC during this period.

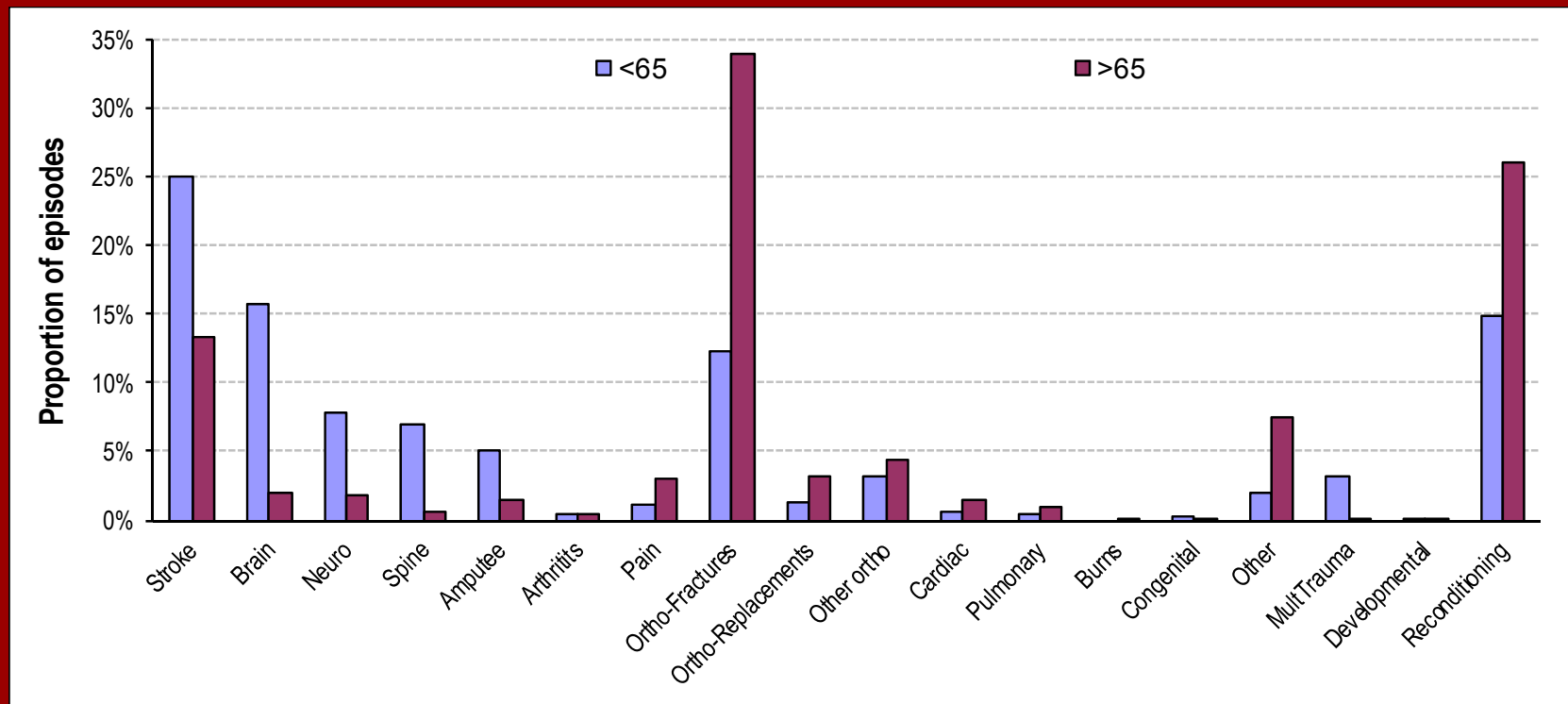
# Change in outcome measures, 2012 to 2013



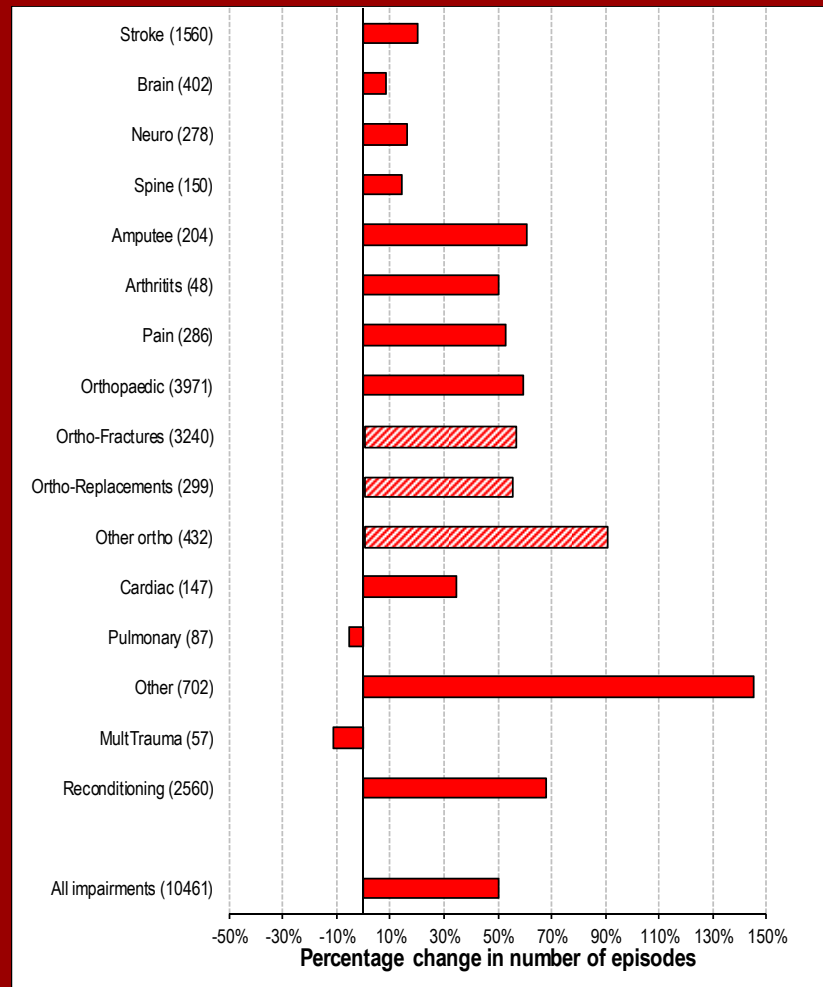
# Number of episodes by impairment group, 2013



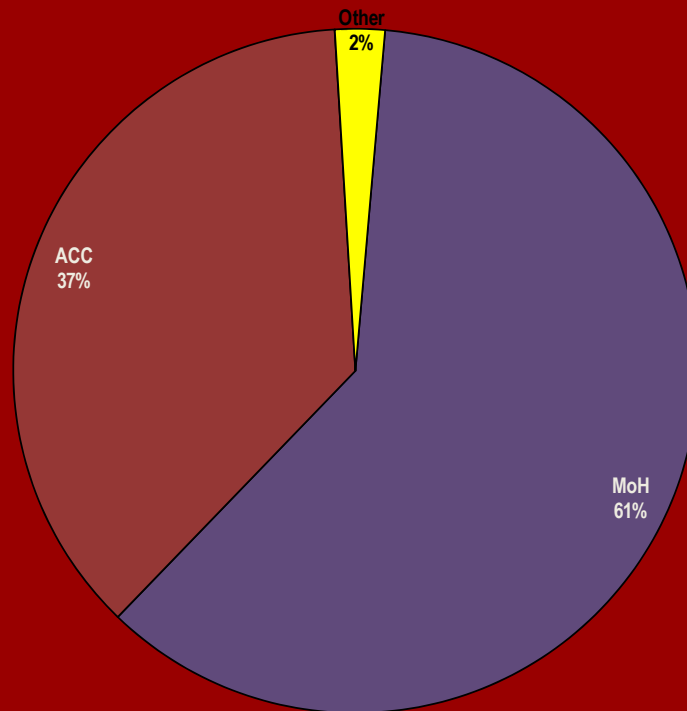
# Proportion of episodes by impairment and benchmark group, 2013



# Change in number of episodes by impairment group, 2012 to 2013



# Funding source for rehabilitation in New Zealand, 2013





# Outcomes by impairment

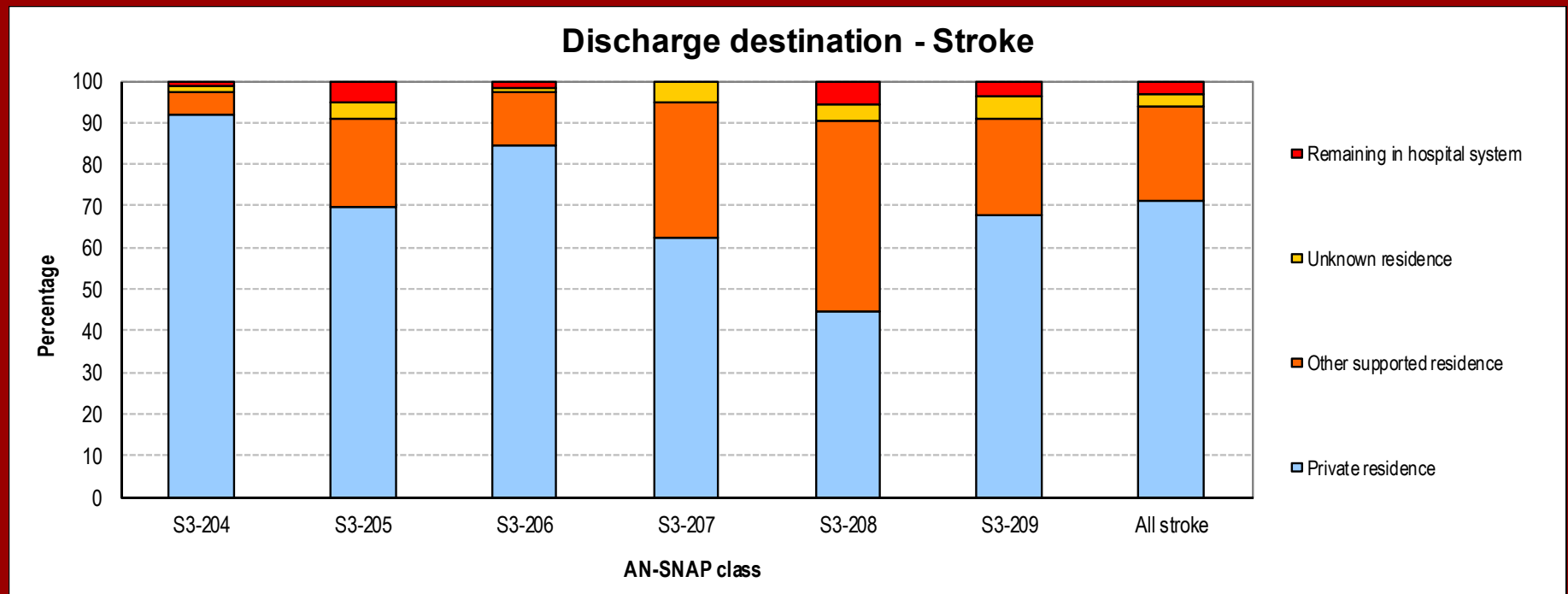
A series of figures and tables are provided for each impairment category; these outline the key descriptive data for 2013:

- First is a table outlining key 2013 data for the respective impairment category by version 3 of the AN-SNAP class.
- Second is a figure providing a summary of the discharge destination of all episodes by AN-SNAP class.
- The third figure provides a graphical representation of 2013 length of stay (LOS) and improvement in the FIM (Functional Independence Measure) by AN-SNAP class.
- Finally, the fourth figure presents the key changes in rehabilitation outcome measures between 2012 and 2013. The horizontal axis describes the difference between the 2012 and 2013 averages, while the actual 2012 data are presented on the left side of the graph.

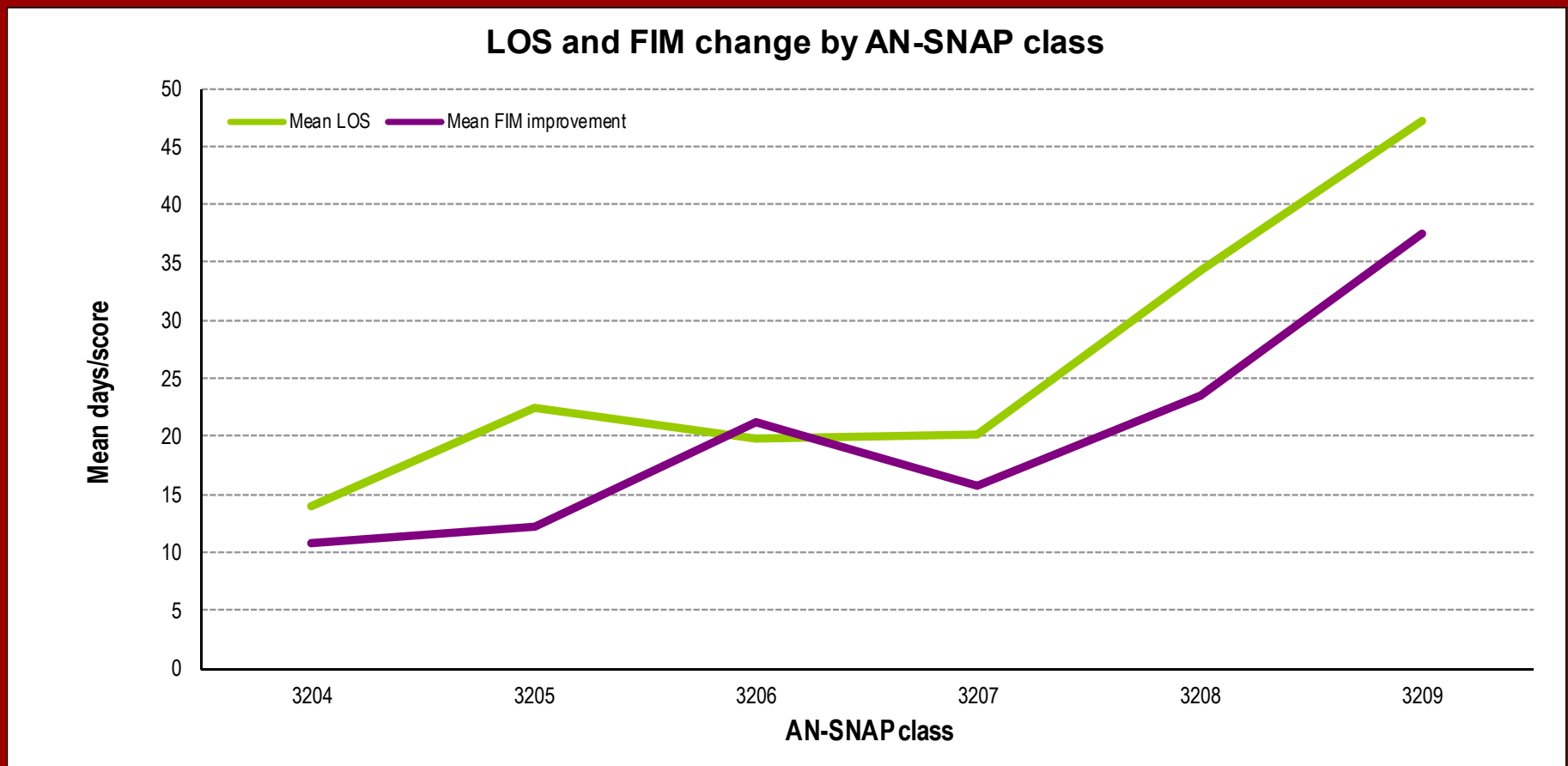
# Stroke episodes in 2013

AN-SNAP class:	S3-204	S3-205	S3-206	S3-207	S3-208	S3-209	All stroke
Number of episodes	405	76	318	37	420	311	1,567
Proportion of episodes	25.8%	4.9%	20.3%	2.4%	26.8%	19.8%	100.0%
Benchmark groups (%)							
<i>Under 65</i>	66.7	71.1	82.8	86.5	100.0	52.1	76.7
<i>65 and over</i>	33.3	28.9	17.2	13.5	0.0	47.9	23.3
Gender (%)							
<i>Female</i>	46.7	42.1	48.1	43.2	57.5	41.5	48.5
<i>Male</i>	53.3	57.9	51.9	56.8	42.5	58.5	51.5
Age (Mean+95%CI)	69.1 (70.6–67.6)	70.1 (73.5–66.7)	74.6 (76.3–72.9)	77.2 (81.0–73.4)	84.1 (84.8–83.5)	62.3 (63.4–61.2)	73.1 (73.9–72.4)
Admission FIM (Mean+95%CI)	103.7 (104.6–102.8)	88.8 (91.1–86.4)	80.9 (81.7–80.2)	65.8 (67.7–63.9)	47.2 (48.8–45.7)	47.4 (49.2–45.7)	71.5 (72.9–70.2)
LOS (Mean+95%CI)	14.0 (15.1–12.9)	22.4 (26.0–18.7)	19.8 (21.1–18.4)	20.1 (24.3–15.8)	34.3 (36.4–32.3)	47.2 (50.5–44.0)	27.6 (28.7–26.5)
Discharge destination (%)							
<i>Discharged to community</i>	98.8	94.7	98.1	100.0	94.5	96.1	96.8
<i>Remaining in hospital system</i>	1.2	5.3	1.9	0.0	5.5	3.9	3.2
FIM improvement (Mean+95%CI)	10.7 (11.6–9.8)	12.1 (14.9–9.3)	21.2 (22.5–19.9)	15.8 (20.0–11.5)	23.6 (25.5–21.6)	37.5 (39.8–35.2)	21.7 (22.7–20.8)
FIM efficiency (FIM imp./LOS)	0.8	0.5	1.1	0.8	0.7	0.8	0.8

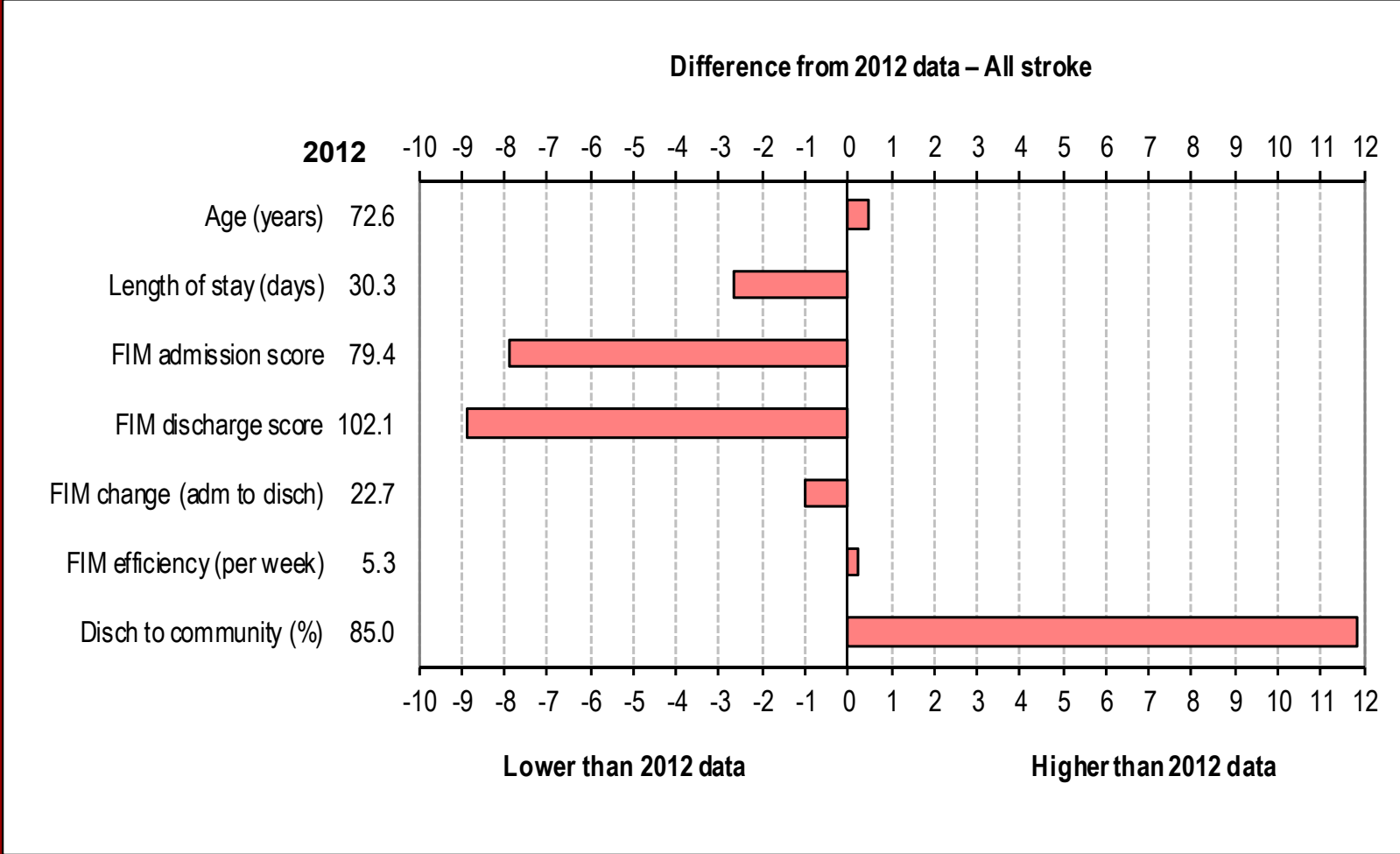
# Stroke discharge destination by AN-SNAP class



# Stroke LOS and FIM change by AN-SNAP class



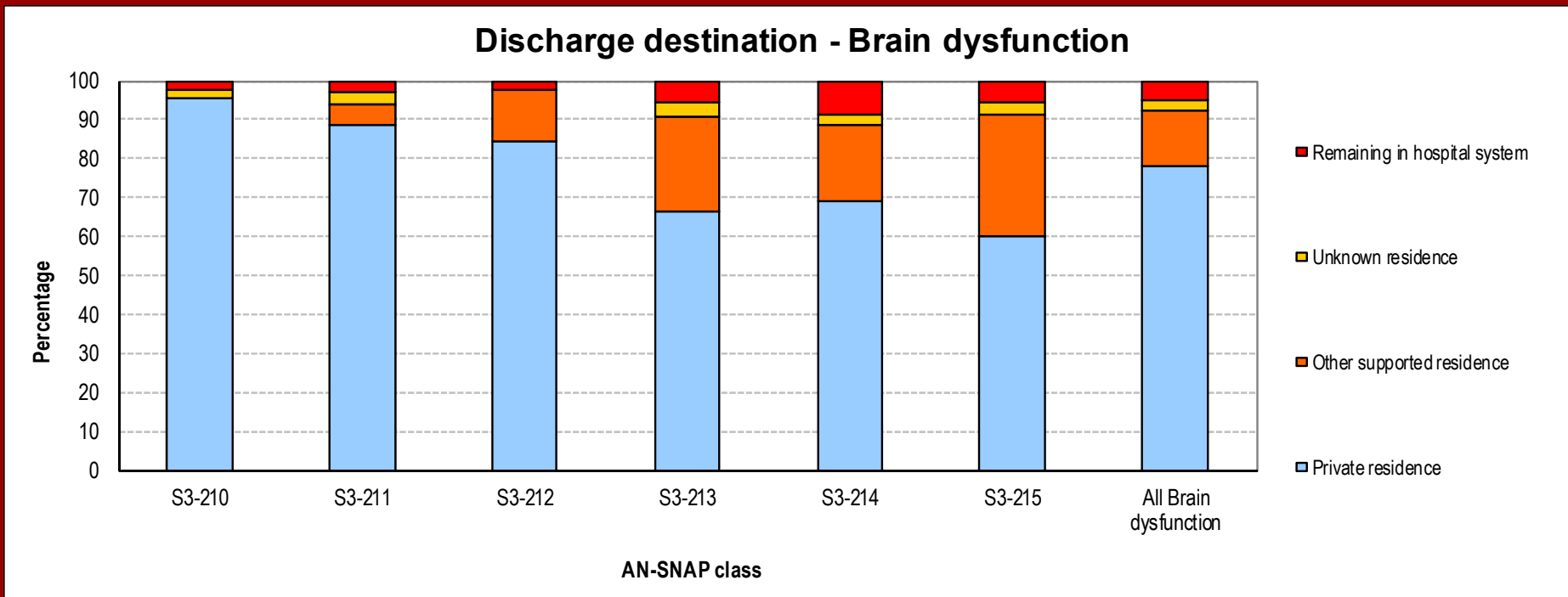
# Changes in outcome measures in stroke – 2012 to 2013



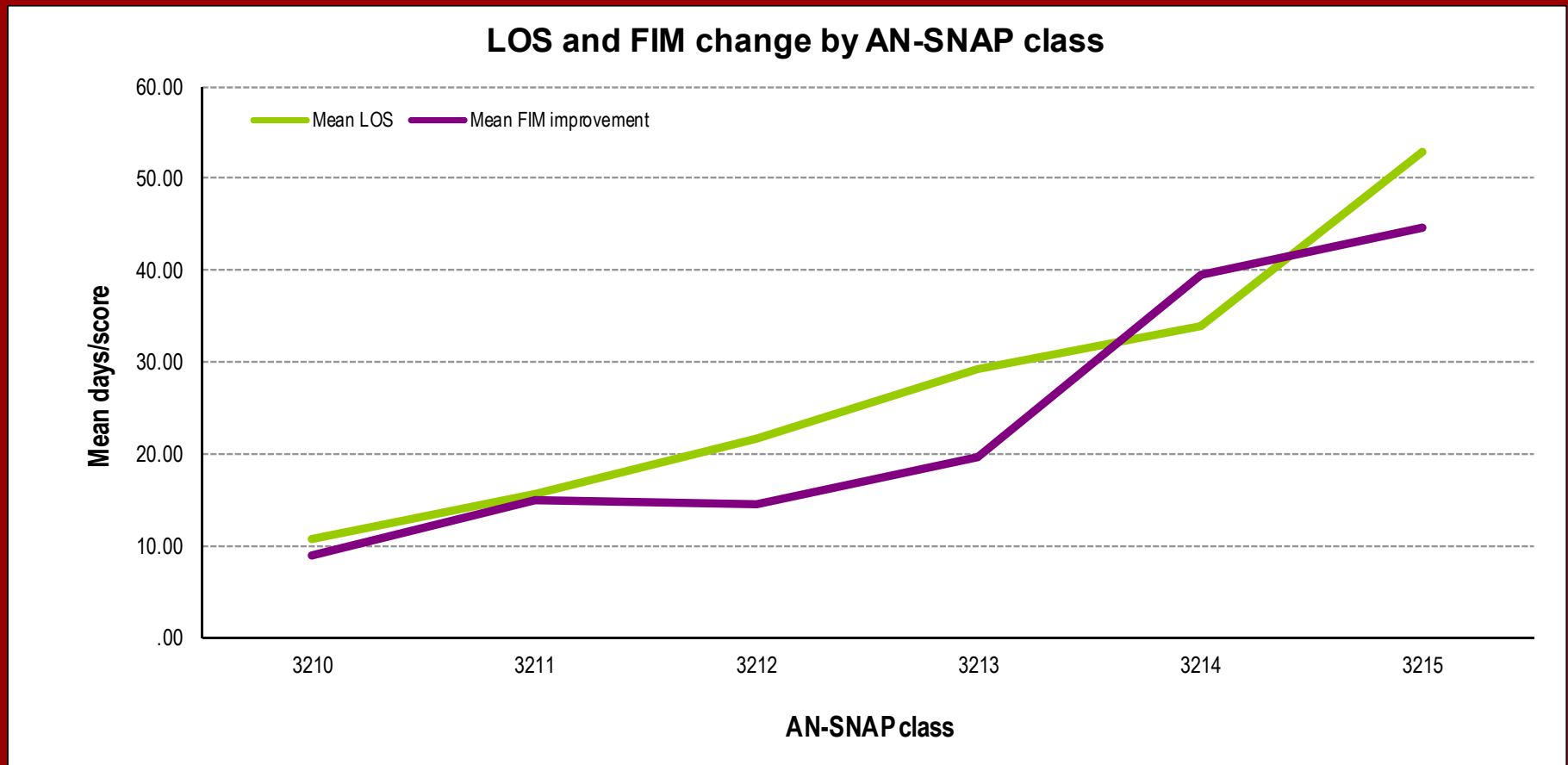
# Brain dysfunction episodes in 2013

AN-SNAP class:	S3-210	S3-211	S3-212	S3-213	S3-214	S3-215	All Brain dysfunction
Number of episodes	43	112	45	54	114	35	403
Proportion of episodes	10.7%	27.8%	11.2%	13.4%	28.3%	8.7%	100.0%
Benchmark groups (%)							
<i>Under 65</i>	37.2	33.9	35.6	51.9	49.1	58.8	43.3
<i>65 and over</i>	62.8	66.1	64.4	48.1	50.9	41.2	56.7
Gender (%)							
<i>Female</i>	48.8	34.8	42.2	38.9	38.6	54.3	40.4
<i>Male</i>	51.2	65.2	57.8	61.1	61.4	45.7	59.6
Age (Mean+95%CI)	54.5 (61.0–48.0)	52.9 (57.0–48.8)	56.6 (62.4–50.7)	63.2 (68.1–58.2)	63.8 (67.3–60.2)	59.1 (66.6–51.7)	58.5 (60.5–56.4)
Admission FIM (Mean+95%CI)	112.0 (115.0–109.0)	118.0 (103.9–99.7)	94.4 (97.2–91.5)	81.7 (84.6–78.8)	58.1 (60.7–55.6)	32.5 (35.5–29.4)	81.6 (84.3–78.9)
LOS (Mean+95%CI)	10.7 (12.6–8.9)	15.6 (17.4–13.8)	21.6 (25.5–17.8)	29.2 (35.6–22.8)	33.9 (39.0–28.8)	52.9 (66.7–39.1)	25.8 (28.1–23.4)
Discharge destination (%)							
<i>Discharged to community</i>	97.7	97.3	97.8	94.4	91.2	94.3	95.0
<i>Remaining in hospital system</i>	2.3	2.7	2.2	5.6	8.8	5.7	5.0
FIM improvement (Mean+95%CI)	8.8 (11.4–6.2)	15.0 (16.9–13.2)	14.5 (17.5–11.6)	19.5 (23.8–15.2)	39.5 (44.2–34.7)	44.6 (56.1–33.1)	24.1 (26.3–21.9)
FIM efficiency (FIM imp./LOS)	0.8	1.0	0.7	0.7	1.2	0.8	0.9

# Brain dysfunction discharge destination by AN-SNAP class

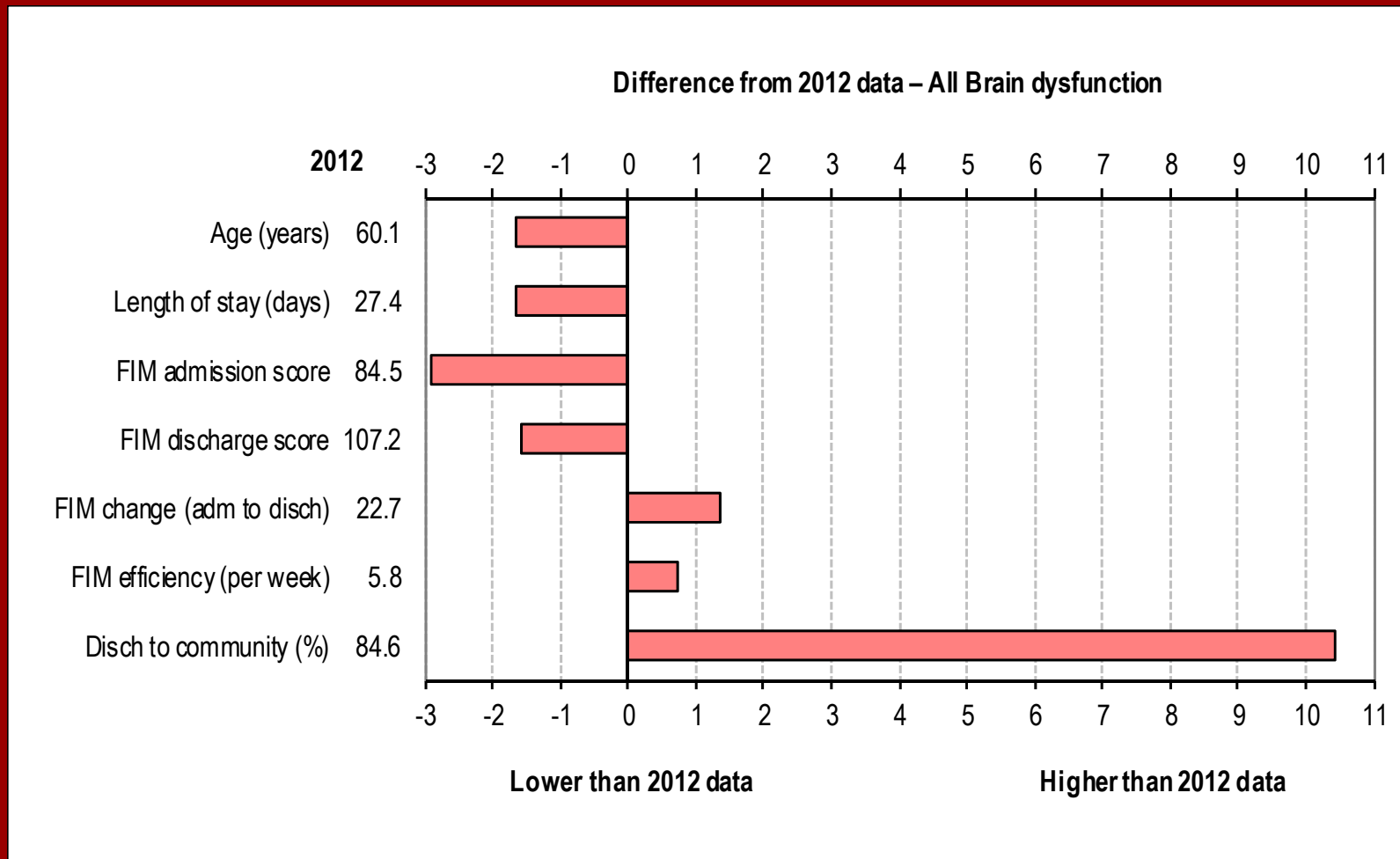


# Brain dysfunction LOS and FIM change by AN-SNAP class





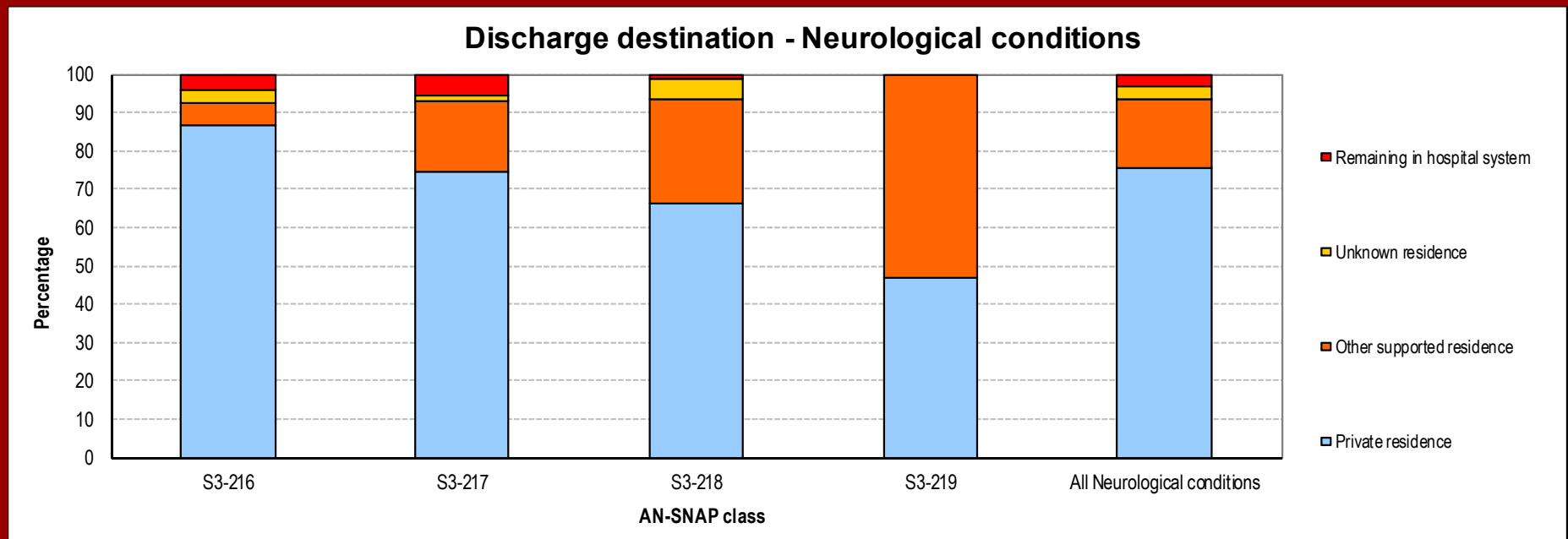
# Change in outcome measures in brain dysfunction – 2012 to 2013



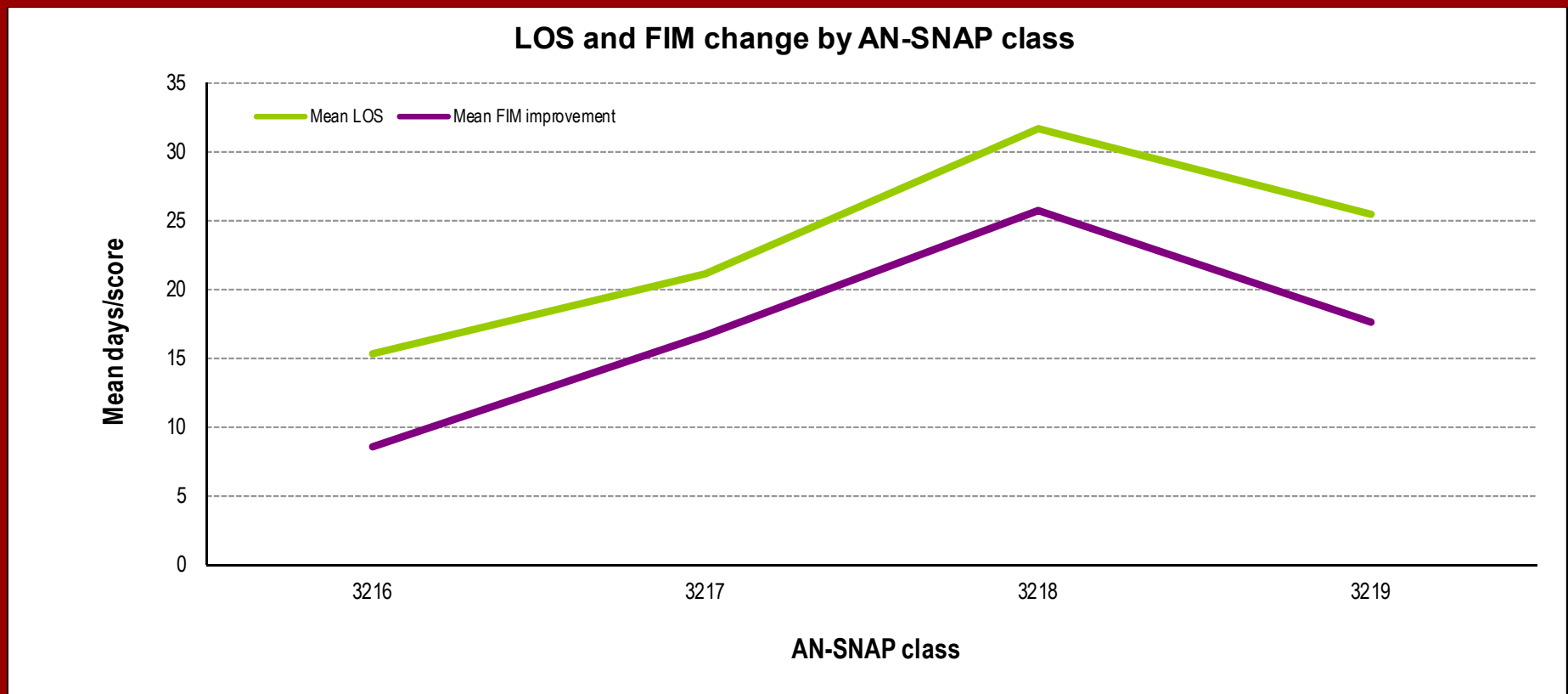
# Neurological conditions episodes in 2013

AN-SNAP class:	S3-216	S3-217	S3-218	S3-219	All Neurological conditions
Number of episodes	121	55	89	15	280
Proportion of episodes	43.2%	19.6%	31.8%	5.4%	100.0%
Benchmark groups (%)					
<i>Under 65</i>	54.5	63.6	60.2	78.6	59.4
<i>65 and over</i>	45.5	36.4	39.8	21.4	40.6
Gender (%)					
<i>Female</i>	58.7	50.9	51.7	60.0	55.0
<i>Male</i>	41.3	49.1	48.3	40.0	45.0
Age (Mean+95%CI)	65.4 (70.1–60.6)	69.4 (73.7–65.0)	67.9 (71.2–64.5)	66.3 (80.2–52.5)	67.0 (69.5–64.5)
Admission FIM (Mean+95%CI)	102.0 (104.0–99.9)	82.2 (84.5–80.0)	59.3 (61.8–56.8)	29.1 (34.4–23.9)	80.1 (83.1–77.2)
LOS (Mean+95%CI)	15.3 (17.5–13.1)	21.1 (25.0–17.1)	31.6 (36.6–26.6)	25.5 (35.4–15.5)	22.3 (24.5–20.1)
Discharge destination (%)					
<i>Discharged to community</i>	95.9	94.5	98.9	100.0	96.8
<i>Remaining in hospital system</i>	4.1	5.5	1.1	0.0	3.2
FIM improvement (Mean+95%CI)	8.5 (10.5–6.6)	16.6 (20.3–13.0)	25.6 (30.1–21.2)	17.6 (31.2–4.0)	16.2 (18.3–14.1)
FIM efficiency (FIM imp./LOS)	0.6	0.8	0.8	0.7	0.7

# Neurological conditions discharge destination by AN-SNAP class

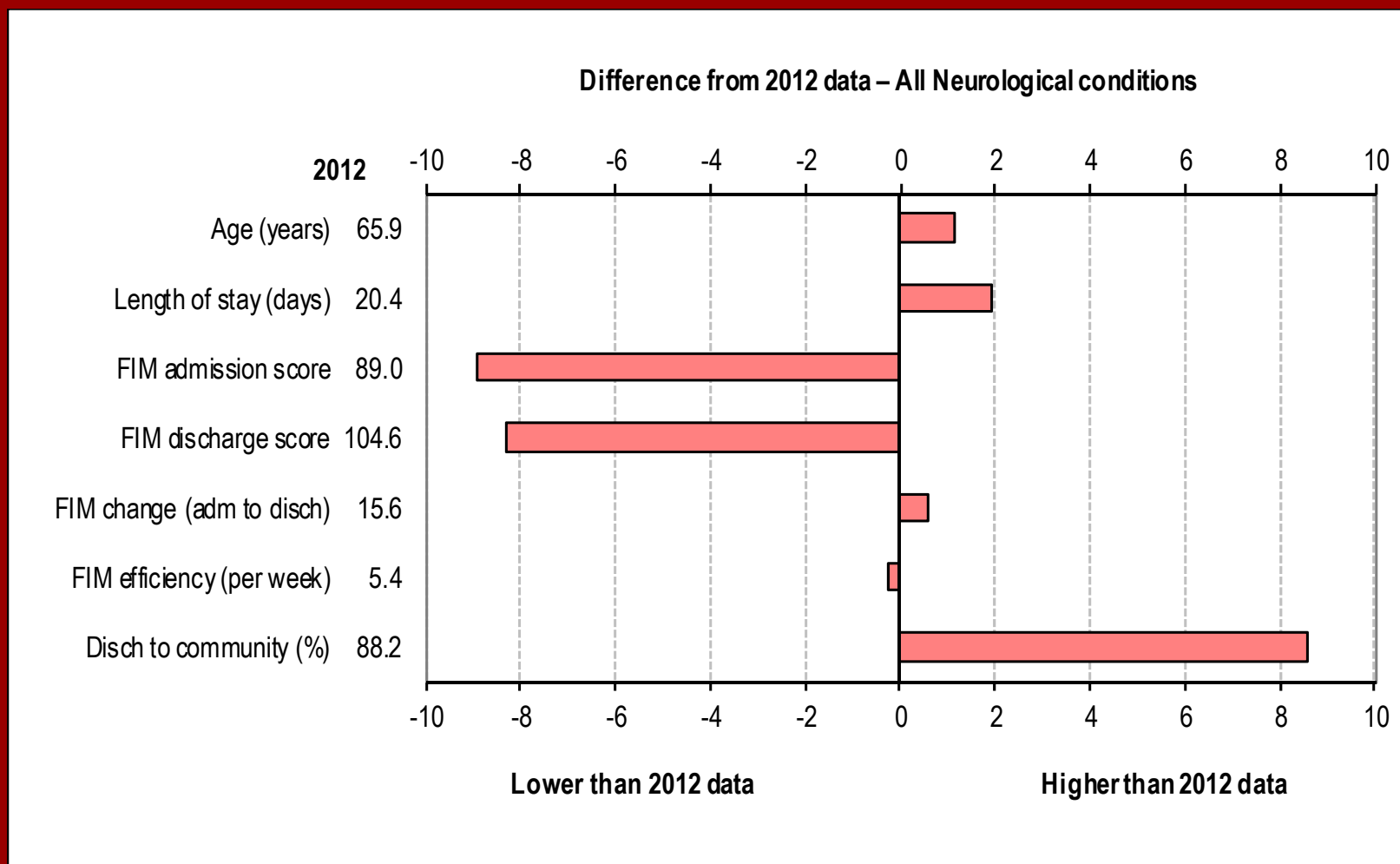


# Neurological conditions LOS and FIM change by AN-SNAP class



# Change in outcome measures in neurological conditions - 2012 to 2013

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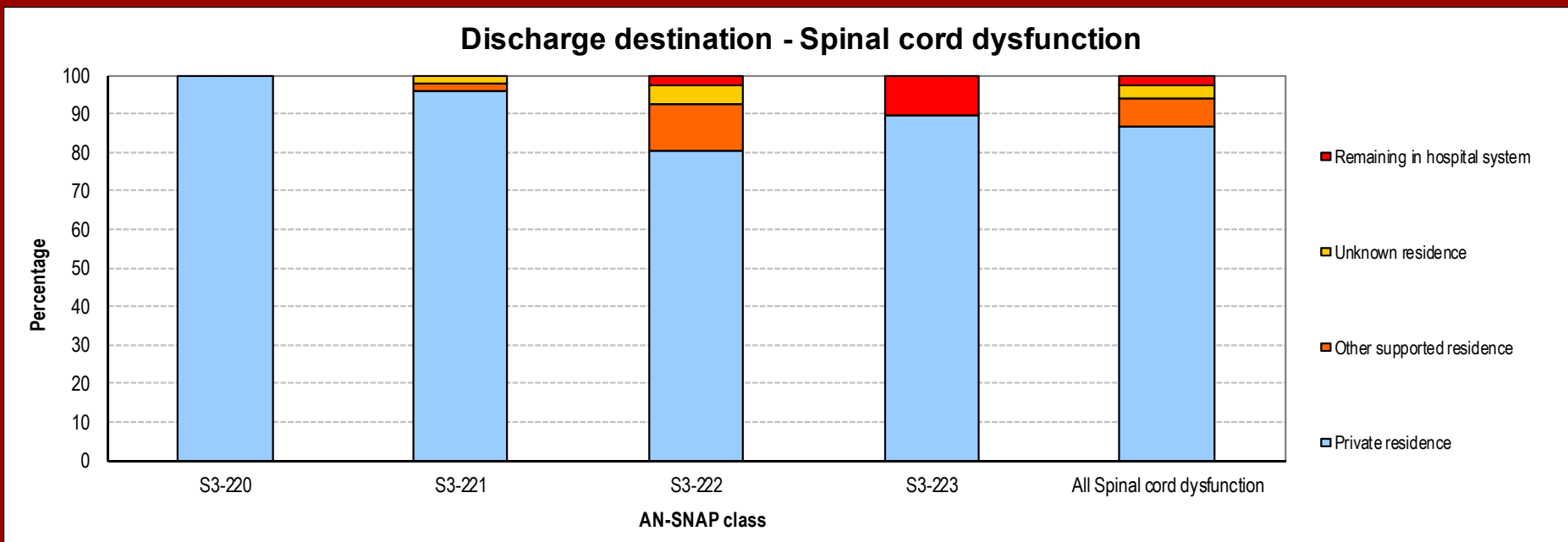


# Spinal cord dysfunction episodes in 2013

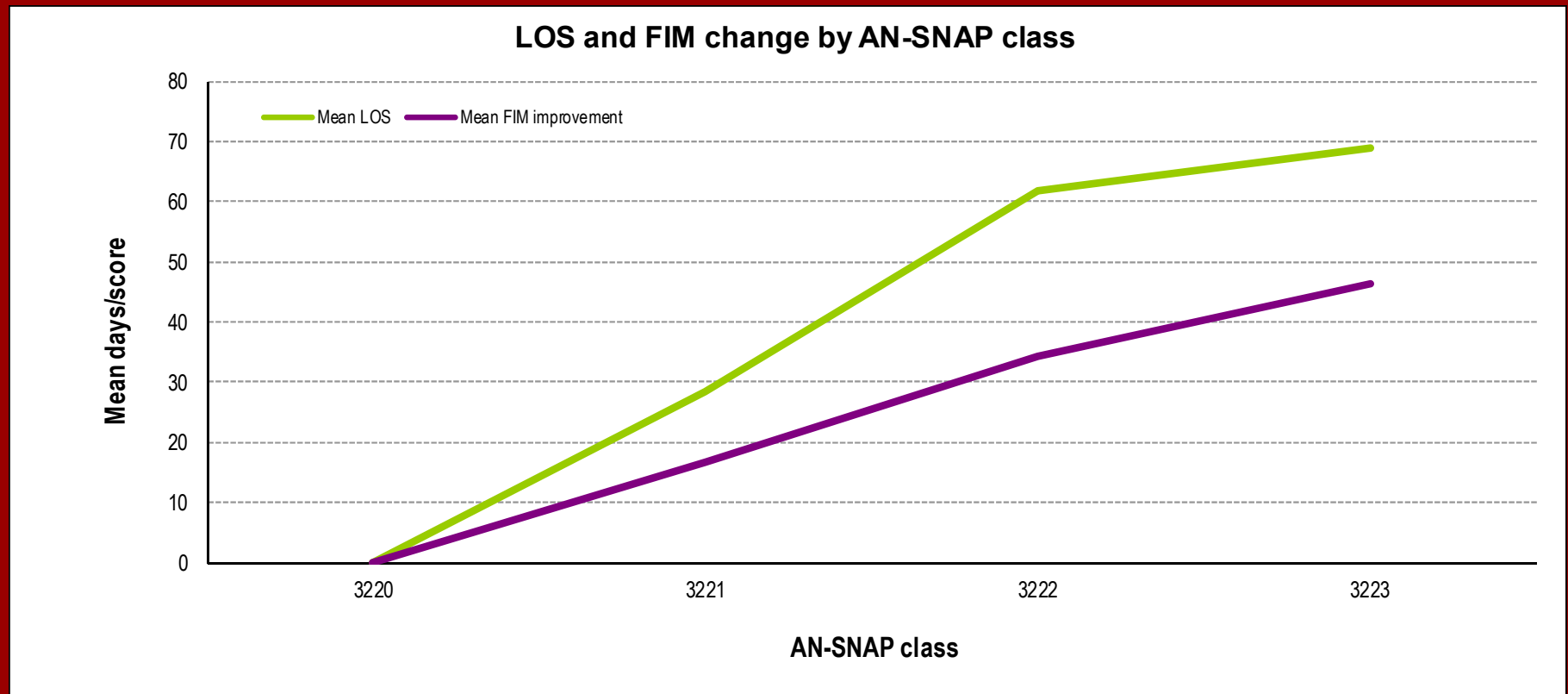


AN-SNAP class:	S3-220	S3-221	S3-222	S3-223	All Spinal cord dysfunction
Number of episodes	n<5	49	81	19	150
Proportion of episodes		32.9%	54.4%	12.8%	100.0%
Benchmark groups (%)					
<i>Under 65</i>	n.a.	32.7	40.7	0.0	32.7
<i>65 and over</i>		67.3	59.3	100.0	67.3
Gender (%)					
<i>Female</i>	n.a.	34.7	34.6	21.1	32.7
<i>Male</i>		65.3	65.4	78.9	67.3
Age (Mean+95%CI)	n.a.	53.5 (58.8–48.2)	61.6 (64.8–58.4)	23.3 (26.0–20.6)	54.1 (57.2–50.9)
Admission FIM (Mean+95%CI)	n.a.	95.3 (98.4–92.3)	61.1 (63.9–58.2)	62.6 (67.0–58.3)	73.3 (76.7–70.0)
LOS (Mean+95%CI)	n.a.	28.5 (35.8–21.1)	61.8 (70.7–52.8)	68.9 (80.2–57.6)	50.9 (57.0–44.8)
Discharge destination (%)					
<i>Discharged to community</i>	n.a.	100.0	97.5	89.5	97.3
<i>Remaining in hospital system</i>		0.0	2.5	10.5	2.7
FIM improvement (Mean+95%CI)	n.a.	16.6 (19.3–13.9)	34.4 (38.3–30.4)	46.4 (52.6–40.1)	29.5 (32.4–26.6)
FIM efficiency (FIM imp./LOS)	n.a.	0.6	0.6	0.7	0.6

# Spinal cord dysfunction discharge destination by AN-SNAP class

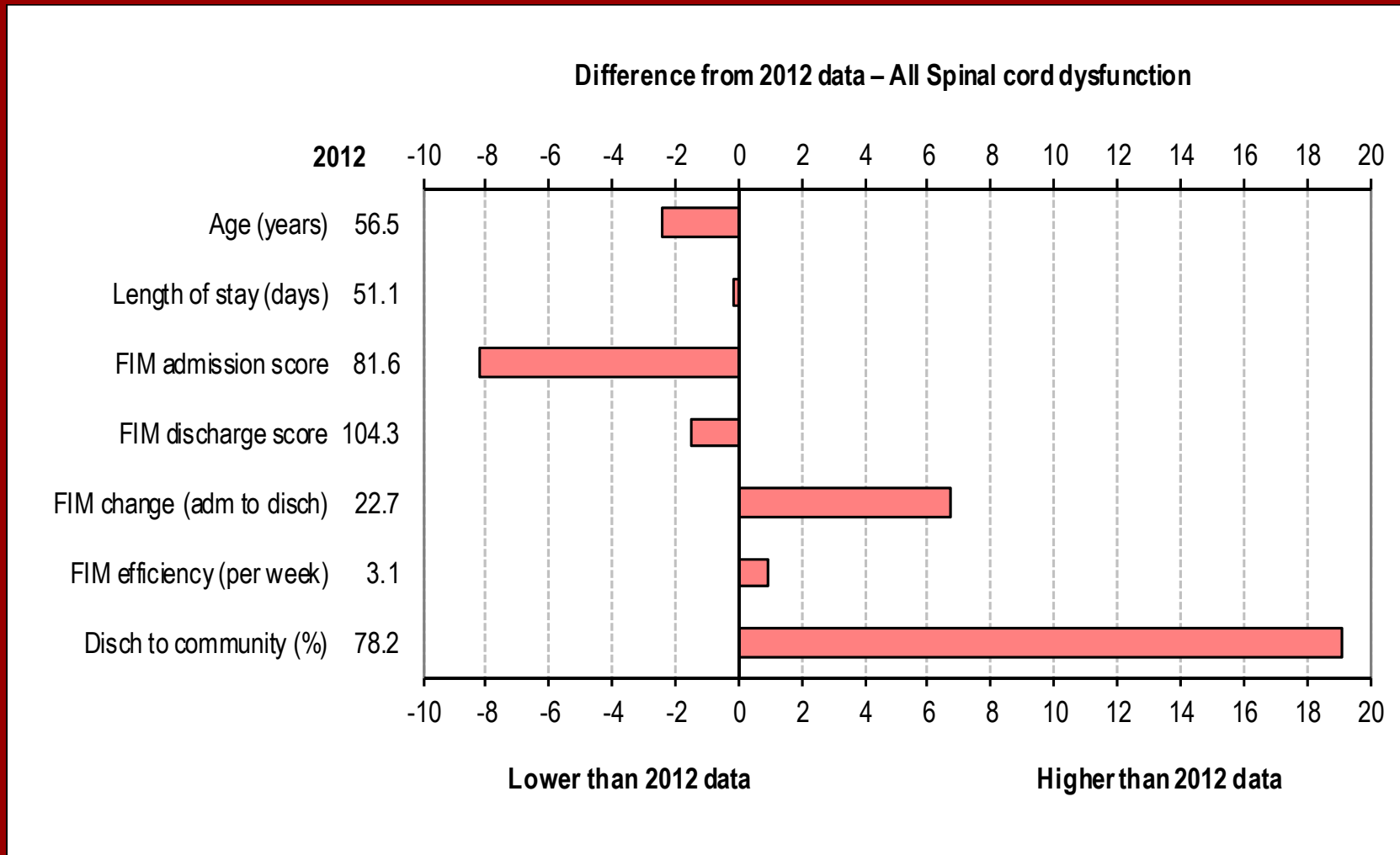


# Spinal cord dysfunction LOS and FIM change by AN-SNAP class





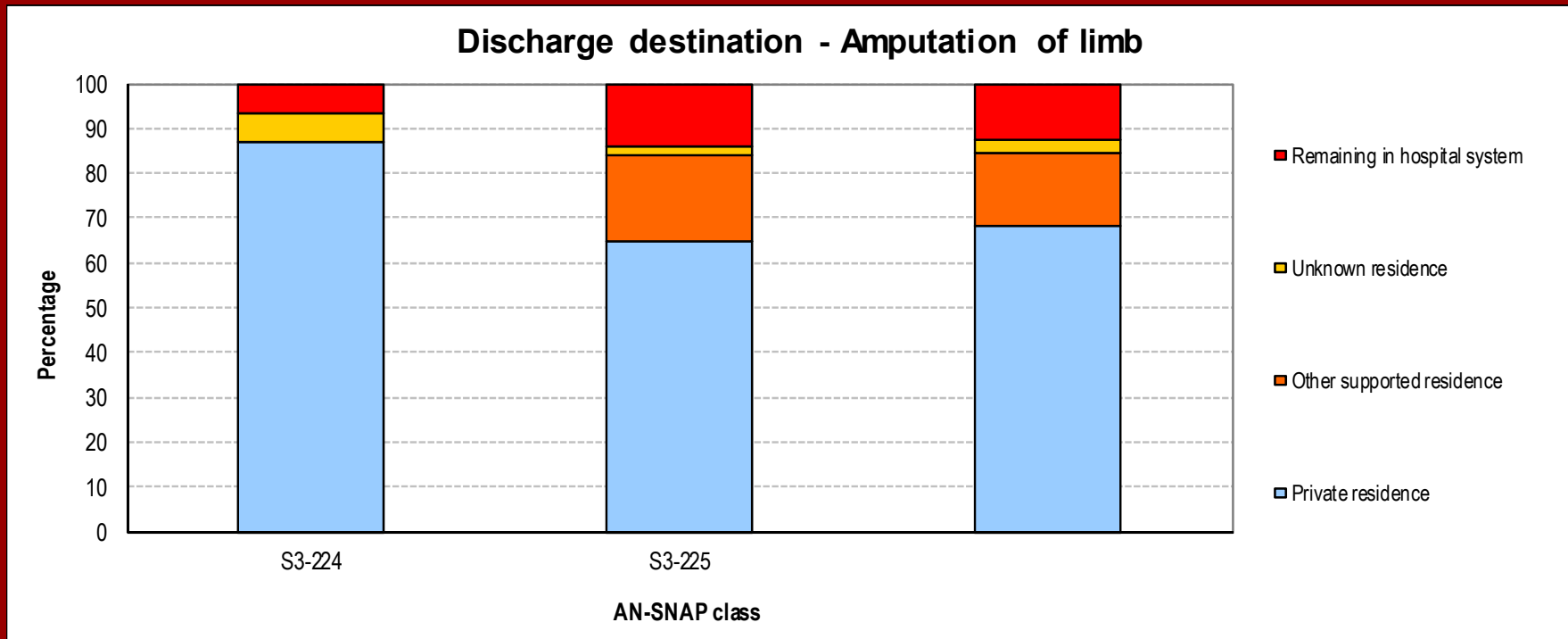
# Change in outcome measures in spinal cord dysfunction - 2012 to 2013



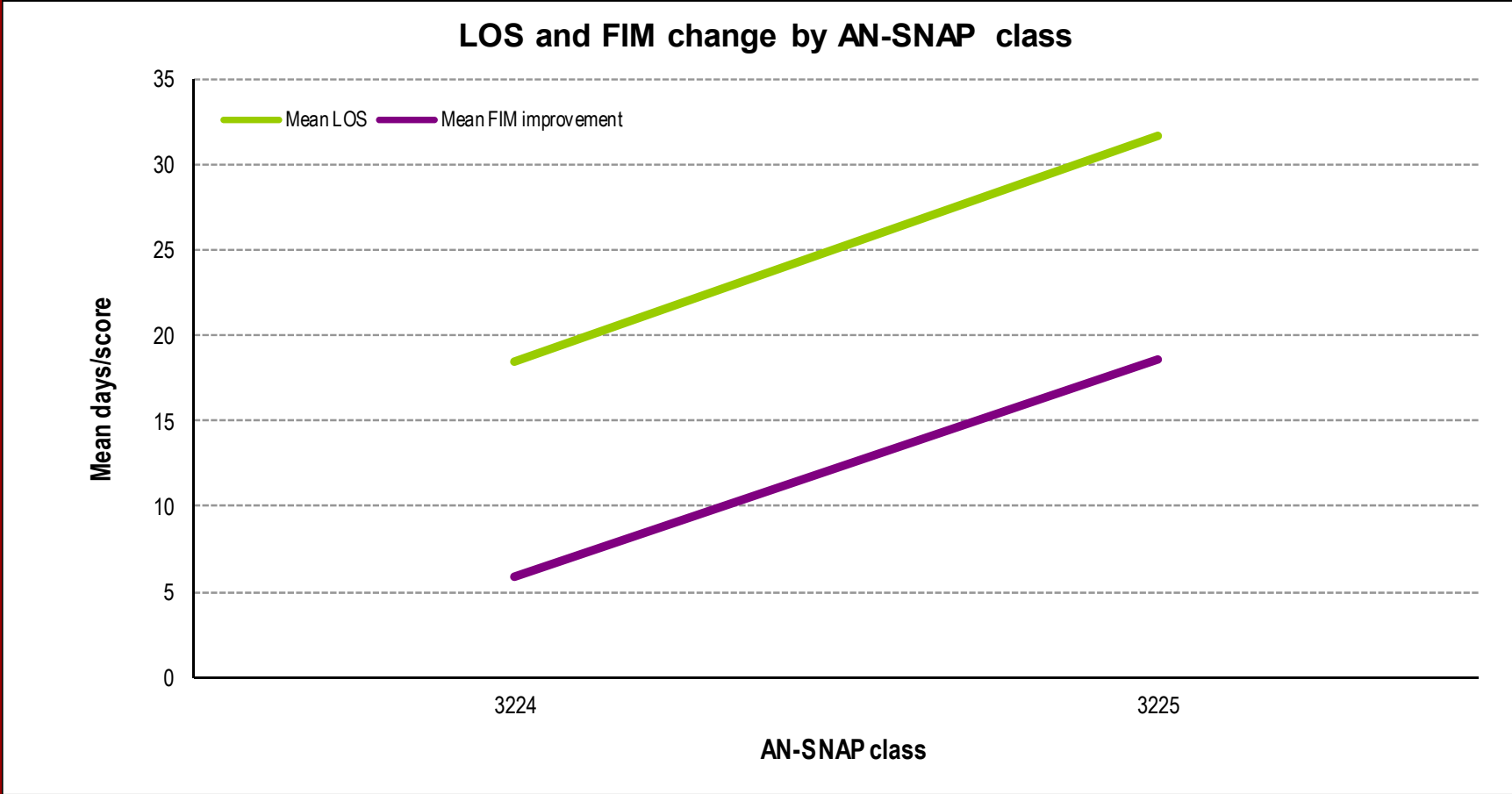
# Amputation episodes in 2013

AN-SNAP class:	S3-224	S3-225	All Amputation of limb
Number of episodes	31	174	205
Proportion of episodes	15.1%	84.9%	100.0%
Benchmark groups (%)			
<i>Under 65</i>	22.6	71.7	64.2
<i>65 and over</i>	77.4	28.3	35.8
Gender (%)			
<i>Female</i>	29.0	37.4	36.1
<i>Male</i>	71.0	62.6	63.9
Age (Mean+95%CI)	53.9 (59.7–48.2)	71.4 (73.6–69.2)	68.7 (70.9–66.5)
Admission FIM (Mean+95%CI)	110.4 (112.0–108.8)	76.6 (79.6–73.6)	81.8 (84.9–78.6)
LOS (Mean+95%CI)	18.4 (23.2–13.6)	31.7 (35.3–28.1)	29.6 (32.8–26.5)
Discharge destination (%)			
<i>Discharged to community</i>	93.5	86.2	87.3
<i>Remaining in hospital system</i>	6.5	13.8	12.7
FIM improvement (Mean+95%CI)	5.9 (7.4–4.3)	18.6 (20.8–16.5)	16.7 (18.6–14.7)
FIM efficiency (FIM imp./LOS)	0.3	0.6	0.6

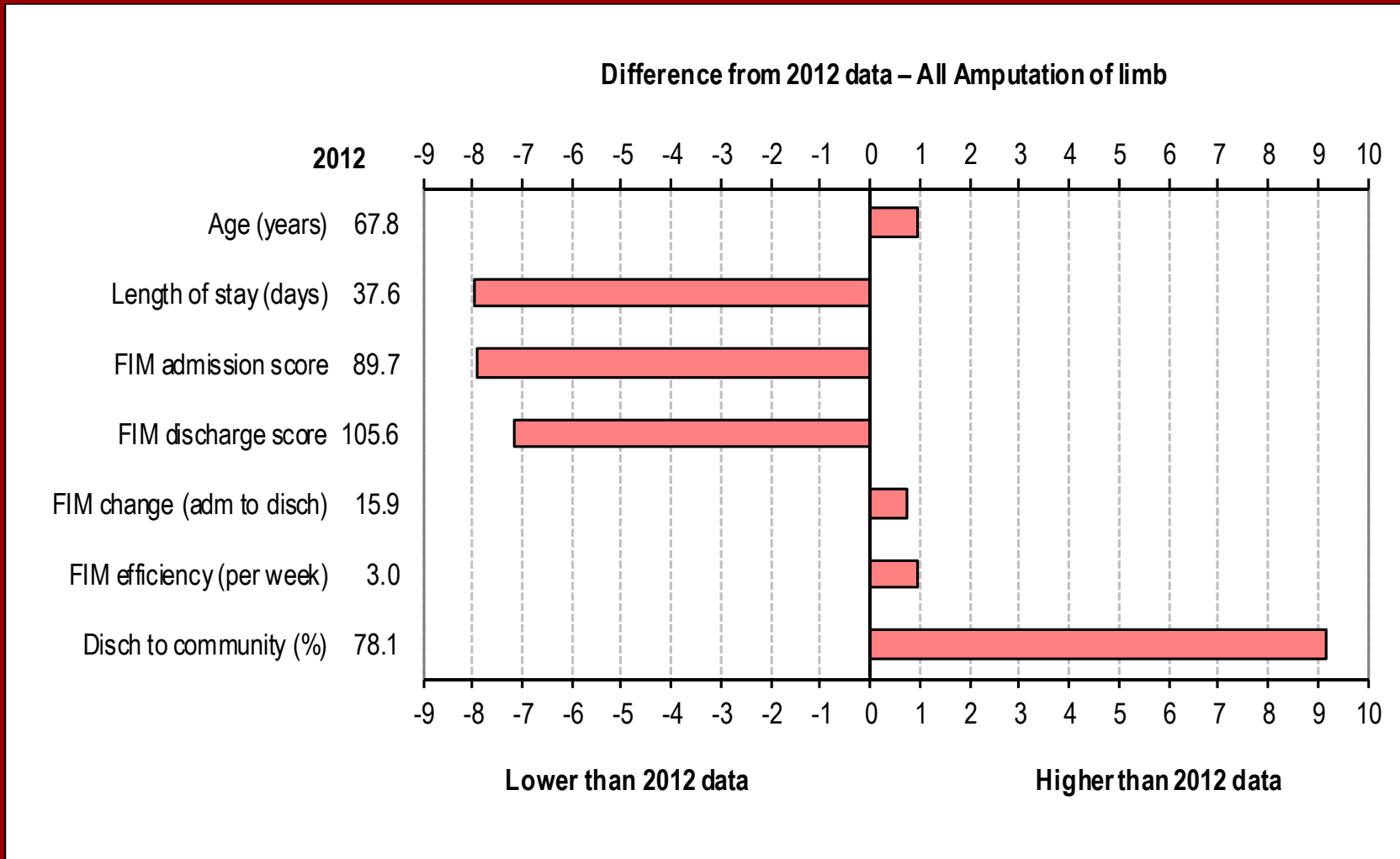
# Amputation discharge destination by AN-SNAP class



# Amputation LOS and FIM change by AN-SNAP class



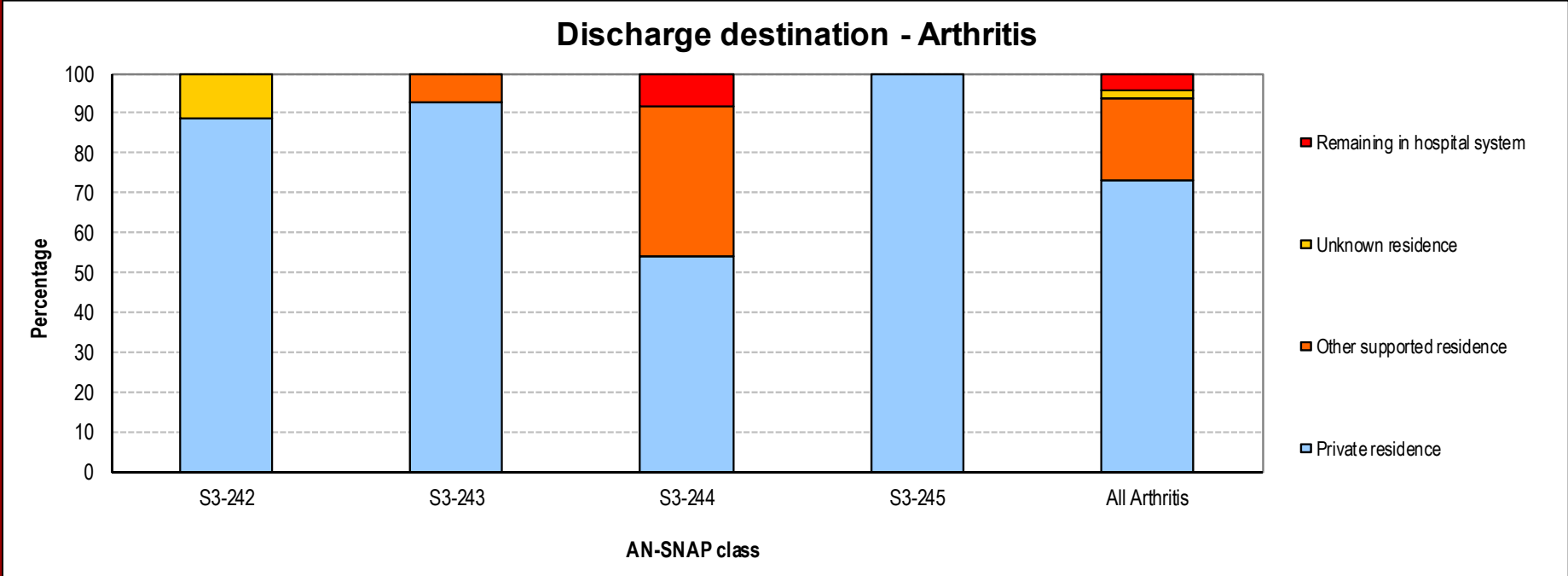
# Change in outcome measures in amputation – 2012 to 2013



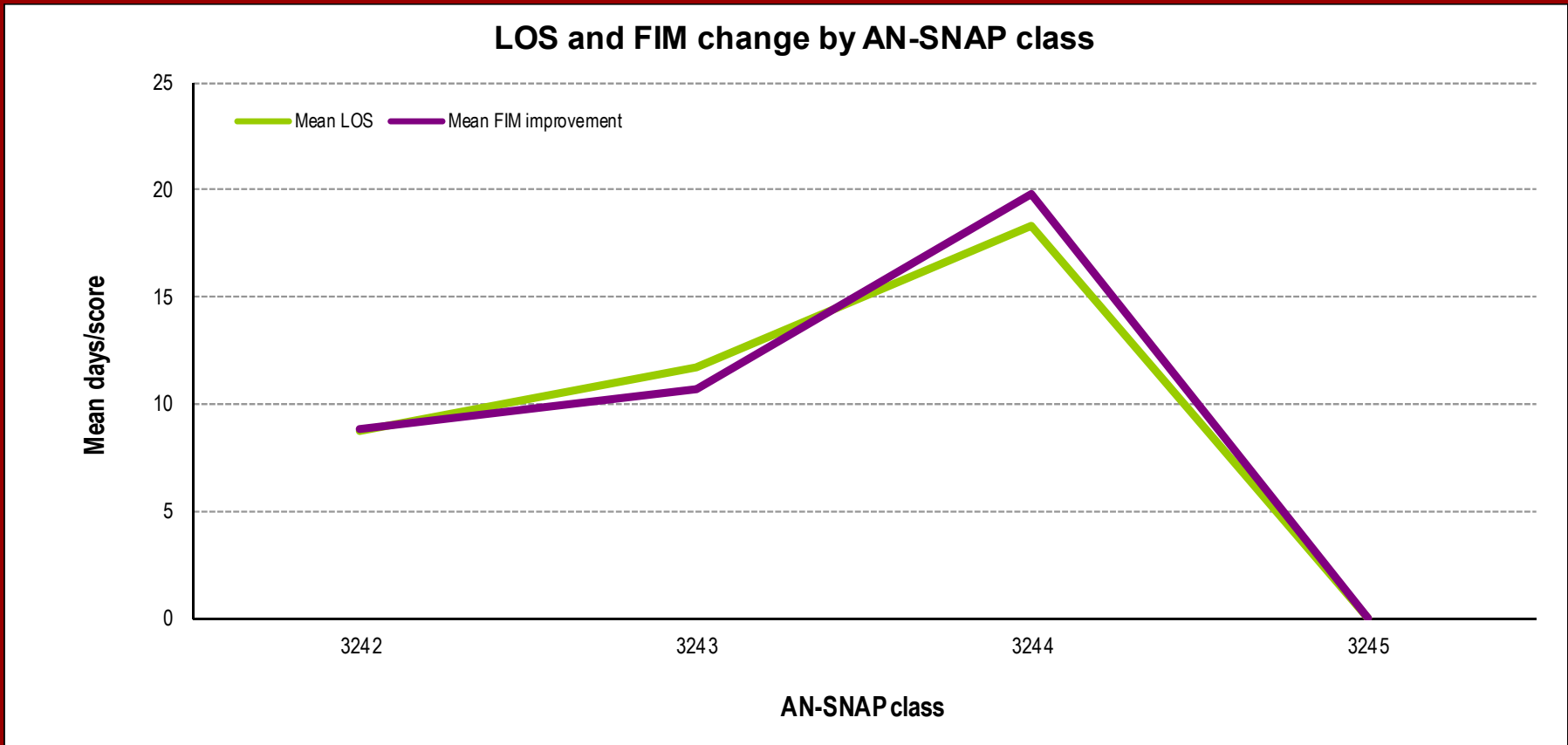
# Arthritis episodes in 2013

AN-SNAP class:	S3-242	S3-243	S3-244	S3-245	All Arthritis
Number of episodes	9	14	24	n<5	48
Proportion of episodes	19.1%	29.8%	51.1%		100.0%
Benchmark groups (%)					
<i>Under 65</i>	88.9	85.7	87.5	n.a.	87.5
<i>65 and over</i>	11.1	14.3	12.5		12.5
Gender (%)					
<i>Female</i>	66.7	71.4	54.2	n.a.	60.4
<i>Male</i>	33.3	28.6	45.8		39.6
Age (Mean+95%CI)	73.6 (87.6–59.5)	76.0 (86.5–65.5)	77.9 (84.2–71.6)	n.a.	76.5 (81.2–71.9)
Admission FIM (Mean+95%CI)	101.0 (106.2–95.8)	90.9 (95.1–86.6)	65.2 (69.8–60.6)	n.a.	79.2 (84.6–73.9)
LOS (Mean+95%CI)	8.8 (10.9–6.6)	11.7 (15.2–8.2)	18.3 (21.5–15.1)	n.a.	14.7 (16.9–12.4)
Discharge destination (%)					
<i>Discharged to community</i>	100.0	100.0	91.7	n.a.	95.8
<i>Remaining in hospital system</i>	0.0	0.0	8.3		4.2
FIM improvement (Mean+95%CI)	8.9 (13.2–4.6)	10.7 (14.7–6.8)	19.8 (25.0–14.6)	n.a.	15.0 (18.1–11.9)
FIM efficiency (FIM imp./LOS)	1.0	0.9	1.1	n.a.	1.0

# Arthritis discharge destination by AN-SNAP class

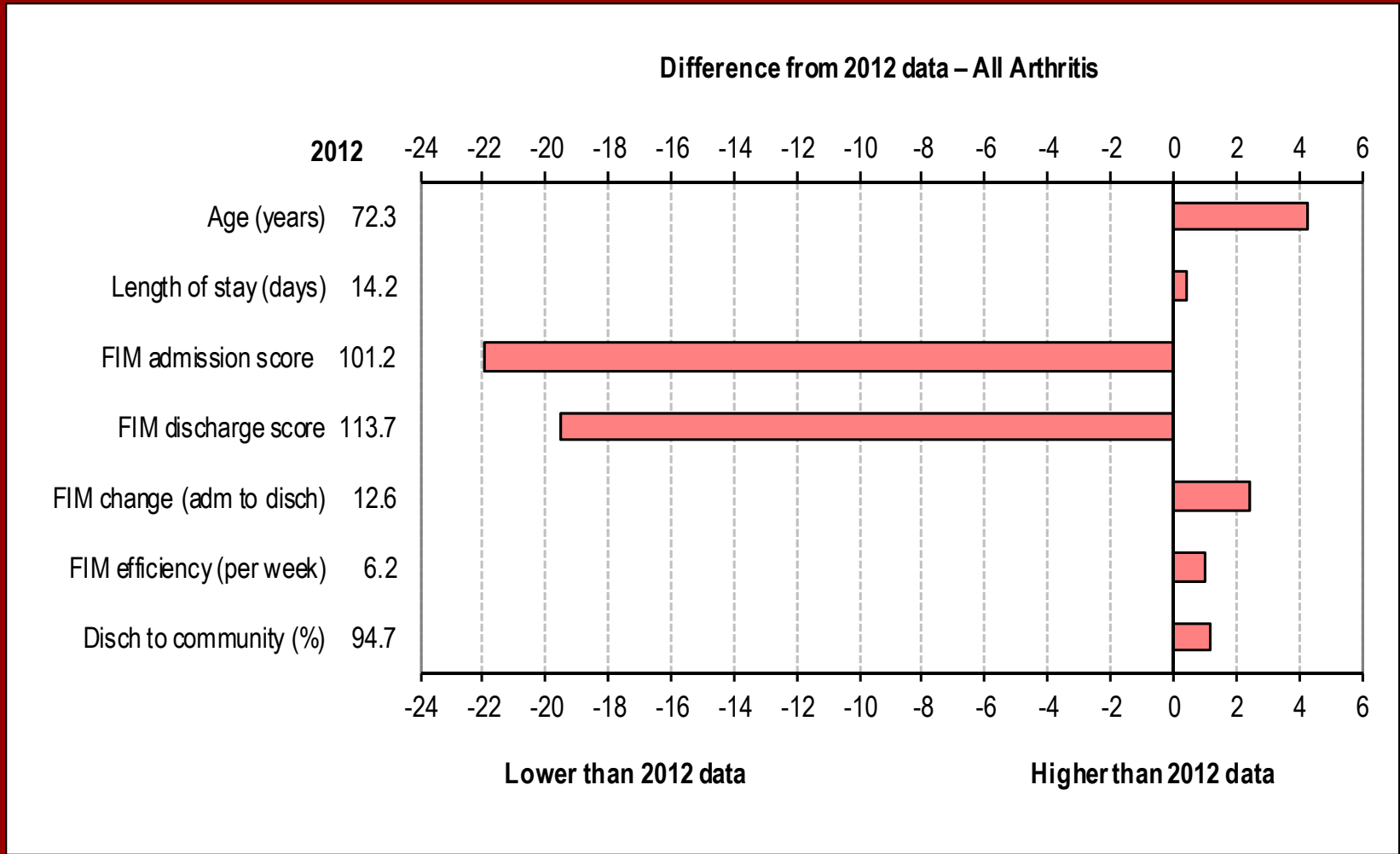


# Arthritis LOS and FIM change by AN-SNAP class





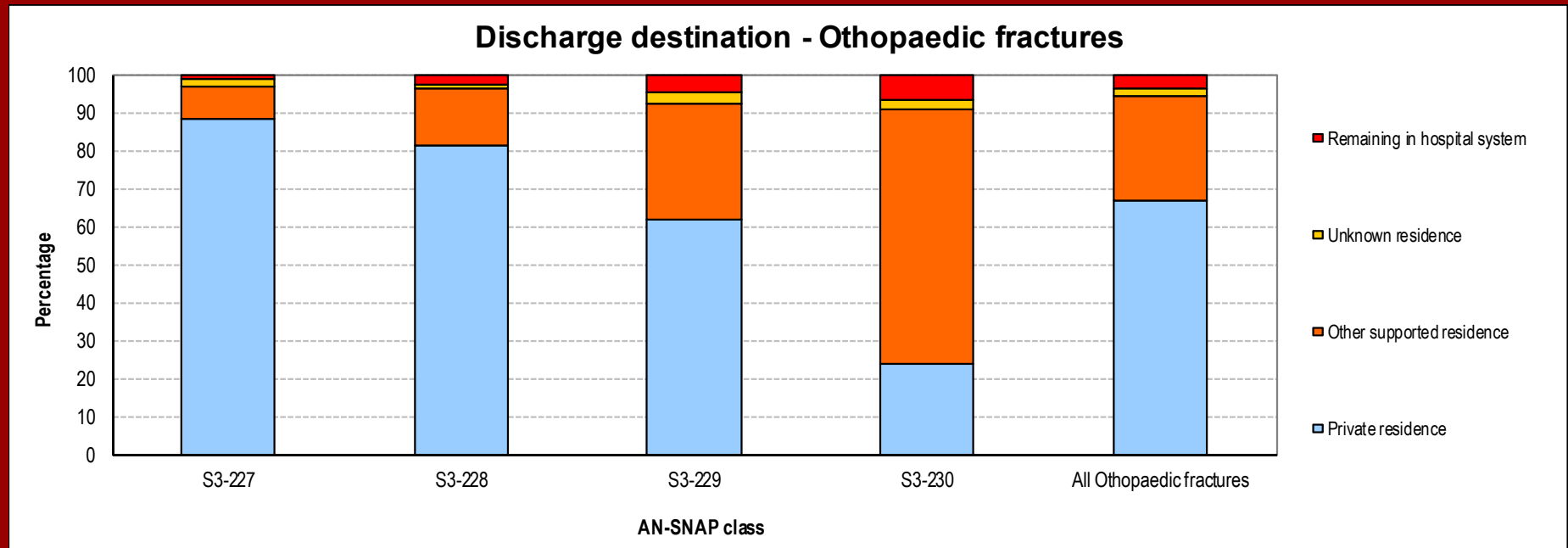
# Change in outcome measures in arthritis – 2012 to 2013



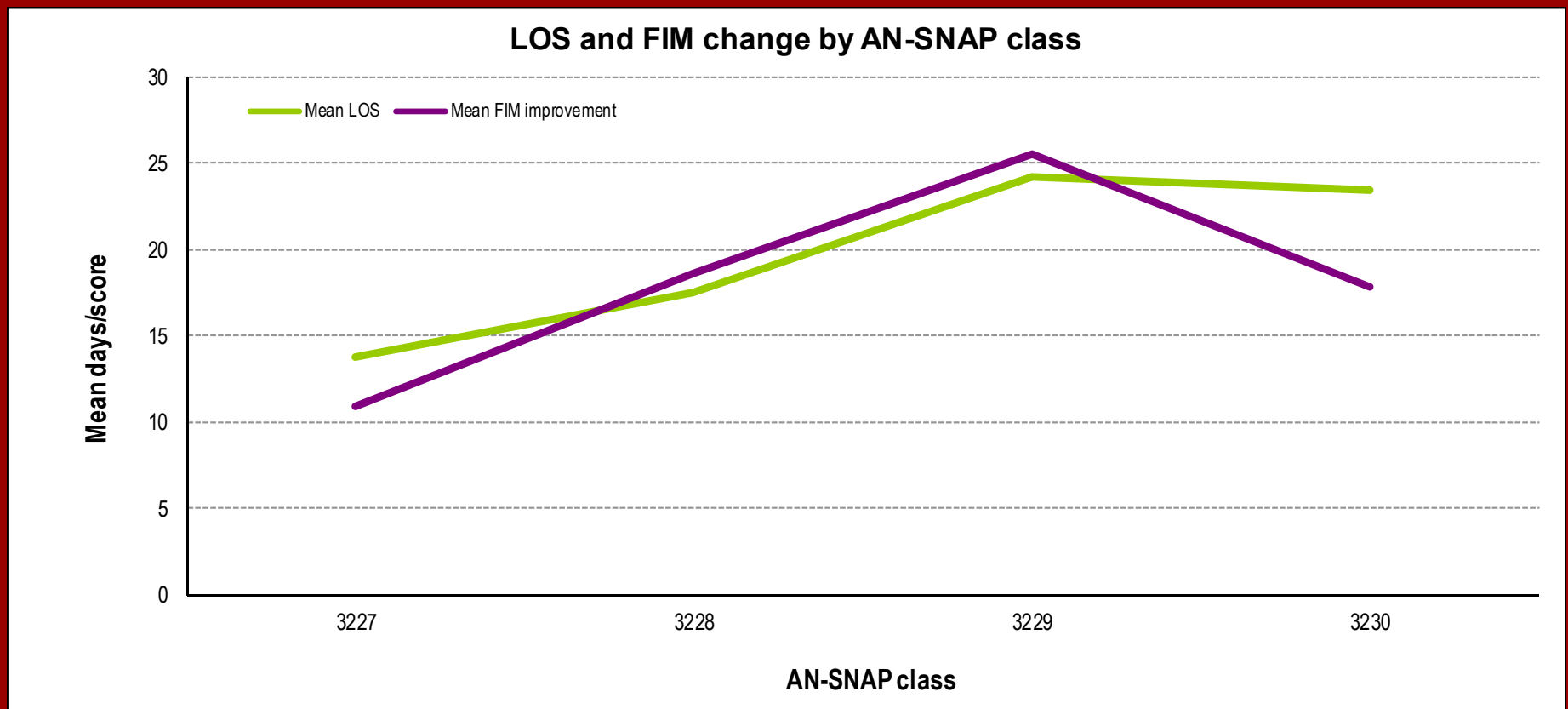
# Orthopaedic fracture episodes in 2013

AN-SNAP class:	S3-227	S3-228	S3-229	S3-230	All Orthopaedic fractures
Number of episodes	888	655	1,172	533	3,248
Proportion of episodes	27.3%	20.2%	36.1%	16.4%	100.0%
Benchmark groups (%)					
<i>Under 65</i>	90.9	94.5	96.2	96.6	94.5
<i>65 and over</i>	9.1	5.5	3.8	3.4	5.5
Gender (%)					
<i>Female</i>	74.5	76.9	73.3	70.4	73.9
<i>Male</i>	25.5	23.1	26.7	29.6	26.1
Age (Mean+95%CI)	79.0 (79.7–78.2)	81.9 (82.7–81.1)	83.1 (83.7–82.5)	84.2 (85.2–83.3)	81.9 (82.3–81.5)
Admission FIM (Mean+95%CI)	98.1 (98.7–97.5)	81.2 (81.8–80.7)	62.8 (63.4–62.1)	39.5 (40.6–38.5)	72.8 (73.6–72.0)
LOS (Mean+95%CI)	13.7 (14.4–13.1)	17.5 (18.3–16.7)	24.2 (25.1–23.4)	23.4 (25.2–21.6)	19.8 (20.3–19.3)
Discharge destination (%)					
<i>Discharged to community</i>	98.5	97.4	95.1	93.2	96.2
<i>Remaining in hospital system</i>	1.5	2.6	4.9	6.8	3.8
FIM improvement (Mean+95%CI)	10.9 (11.4–10.4)	18.6 (19.3–17.9)	25.5 (26.4–24.6)	17.8 (19.3–16.3)	18.8 (19.3–18.3)
FIM efficiency (FIM imp./LOS)	0.8	1.1	1.1	0.8	0.9

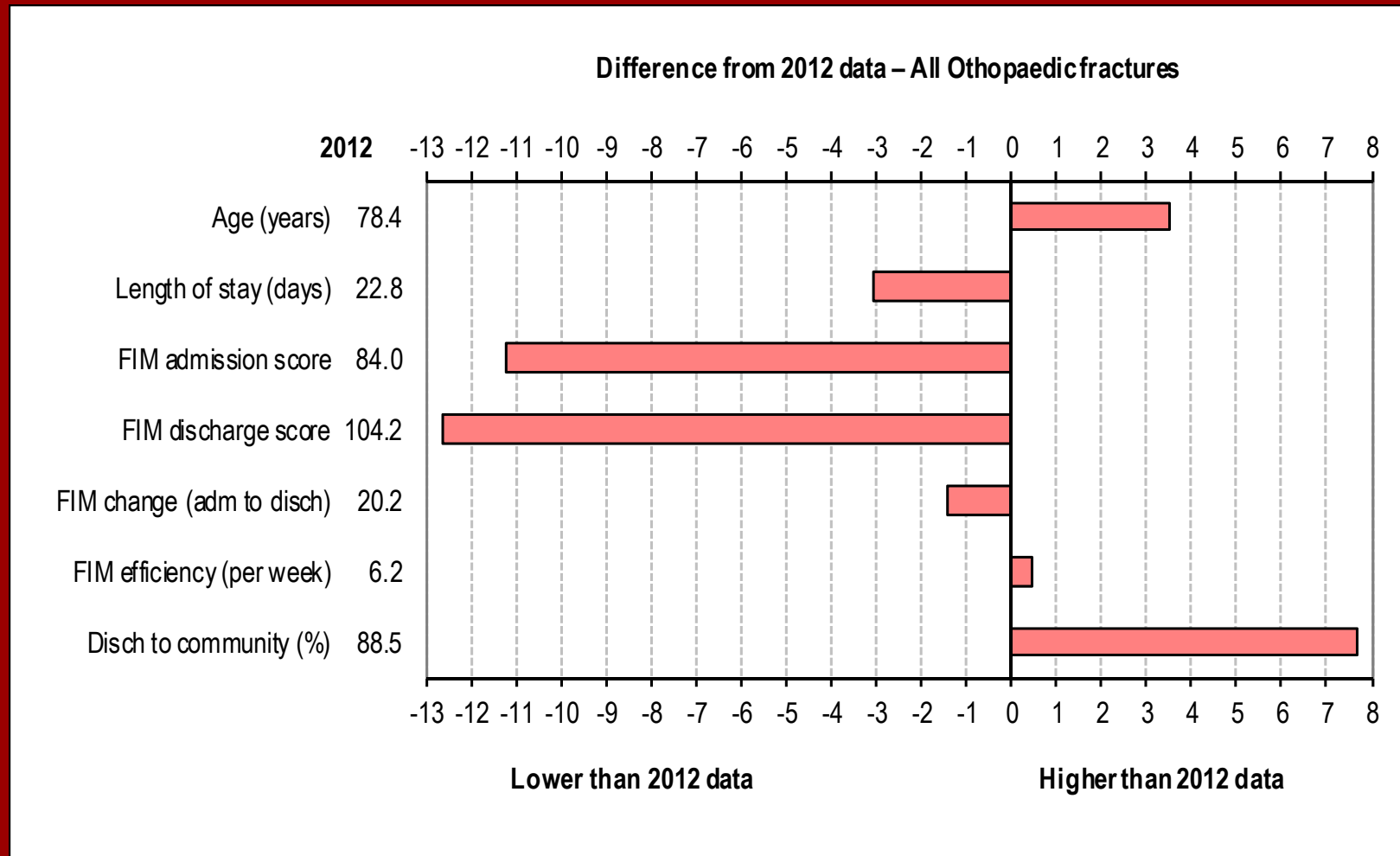
# Orthopaedic fracture discharge destination by AN-SNAP class



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



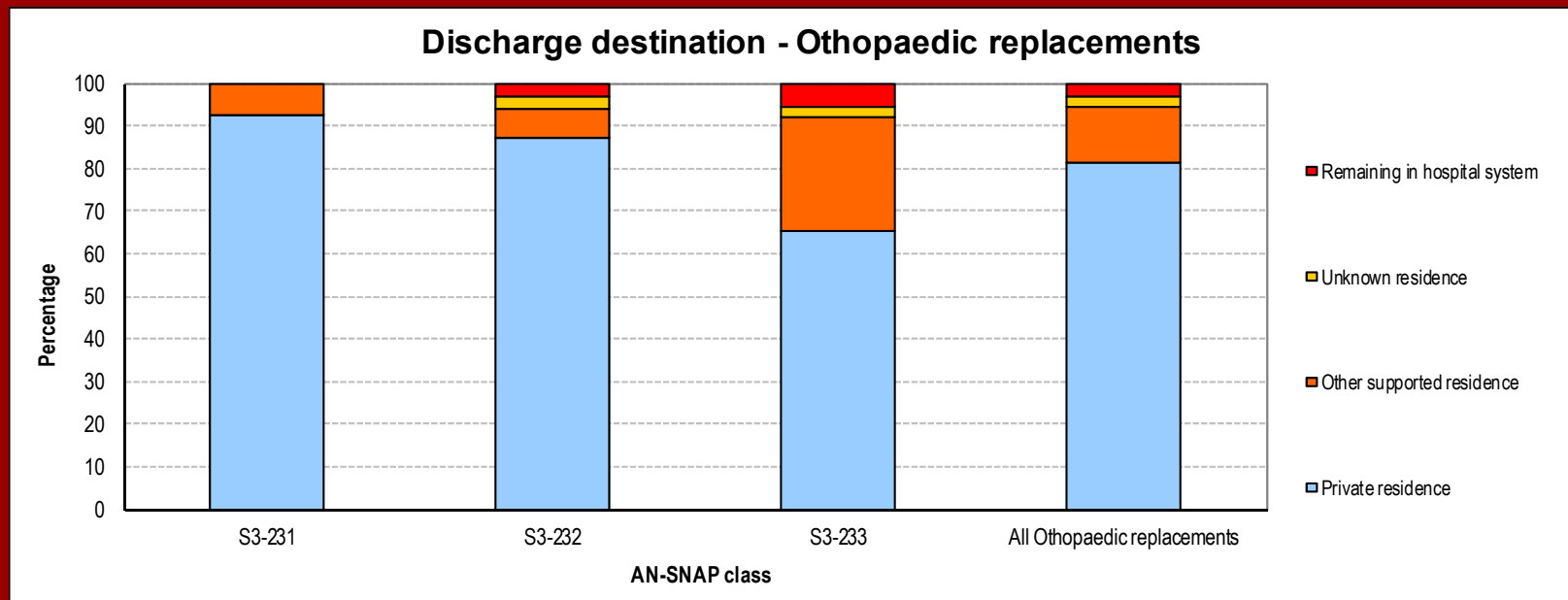
# Change in outcome measures in orthopaedic fracture – 2012 to 2013



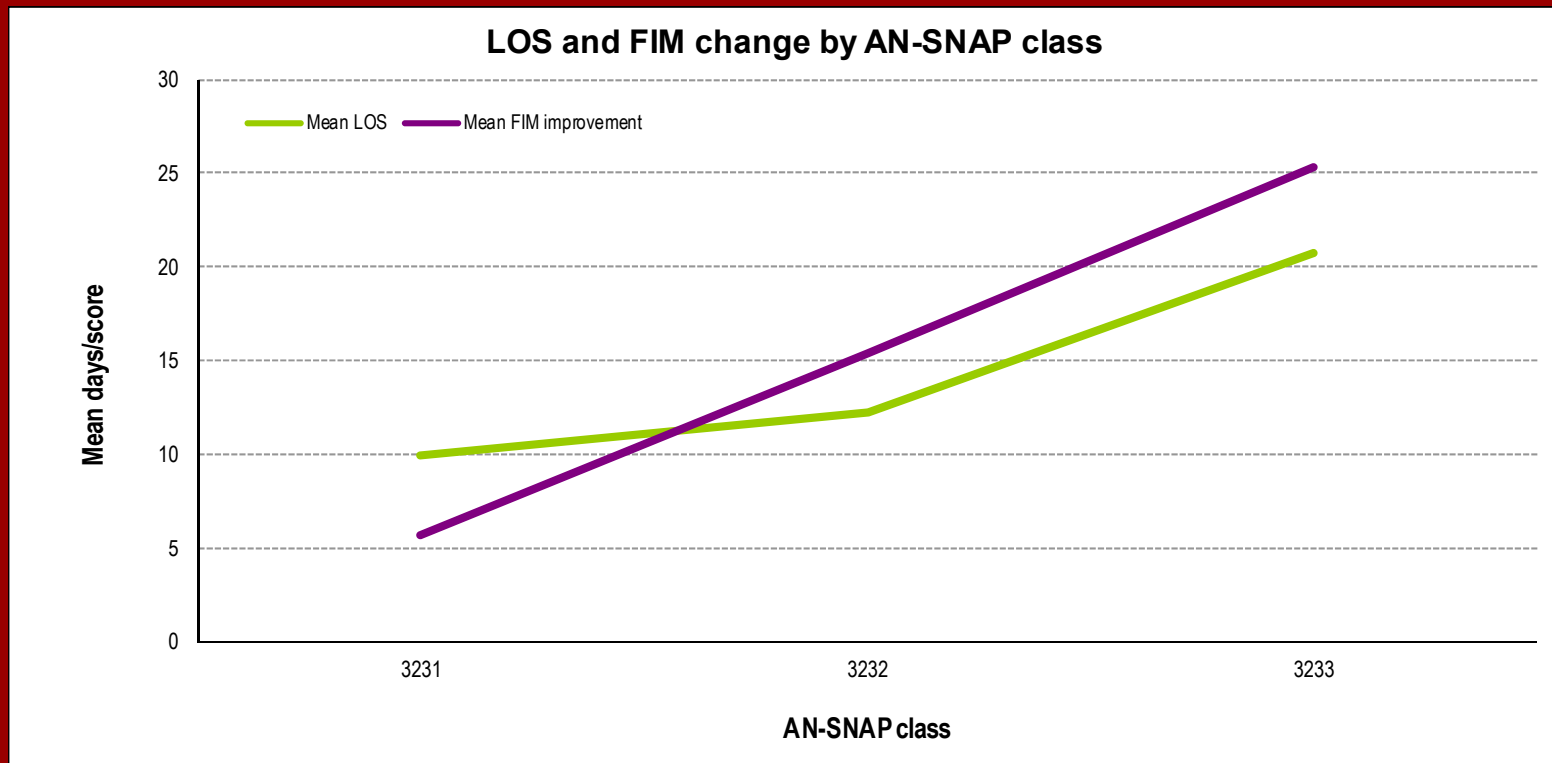
# Orthopaedic replacement episodes in 2013

AN-SNAP class:	S3-231	S3-232	S3-233	All Orthopaedic replacements
Number of episodes	41	170	89	300
Proportion of episodes	13.7%	56.7%	29.7%	100.0%
Benchmark groups (%)				
<i>Under 65</i>	92.7	94.1	94.3	94.0
<i>65 and over</i>	7.3	5.9	5.7	6.0
Gender (%)				
<i>Female</i>	61.0	62.9	60.7	62.0
<i>Male</i>	39.0	37.1	39.3	38.0
Age (Mean+95%CI)	78.1 (80.8–75.5)	79.3 (80.7–77.9)	79.3 (82.0–76.6)	79.1 (80.3–78.0)
Admission FIM (Mean+95%CI)	108.6 (110.0–107.1)	92.1 (93.5–90.8)	59.0 (62.3–55.6)	84.8 (87.2–82.4)
LOS (Mean+95%CI)	10.0 (12.2–7.7)	12.2 (13.7–10.7)	20.7 (23.1–18.3)	14.4 (15.6–13.1)
Discharge destination (%)				
<i>Discharged to community</i>	100.0	97.1	94.4	96.7
<i>Remaining in hospital system</i>	0.0	2.9	5.6	3.3
FIM improvement (Mean+95%CI)	5.7 (7.2–4.2)	15.3 (16.6–14.1)	25.3 (28.6–22.1)	16.9 (18.3–15.5)
FIM efficiency (FIM imp./LOS)	0.6	1.3	1.2	1.2

# Orthopaedic replacement discharge destination by AN-SNAP class

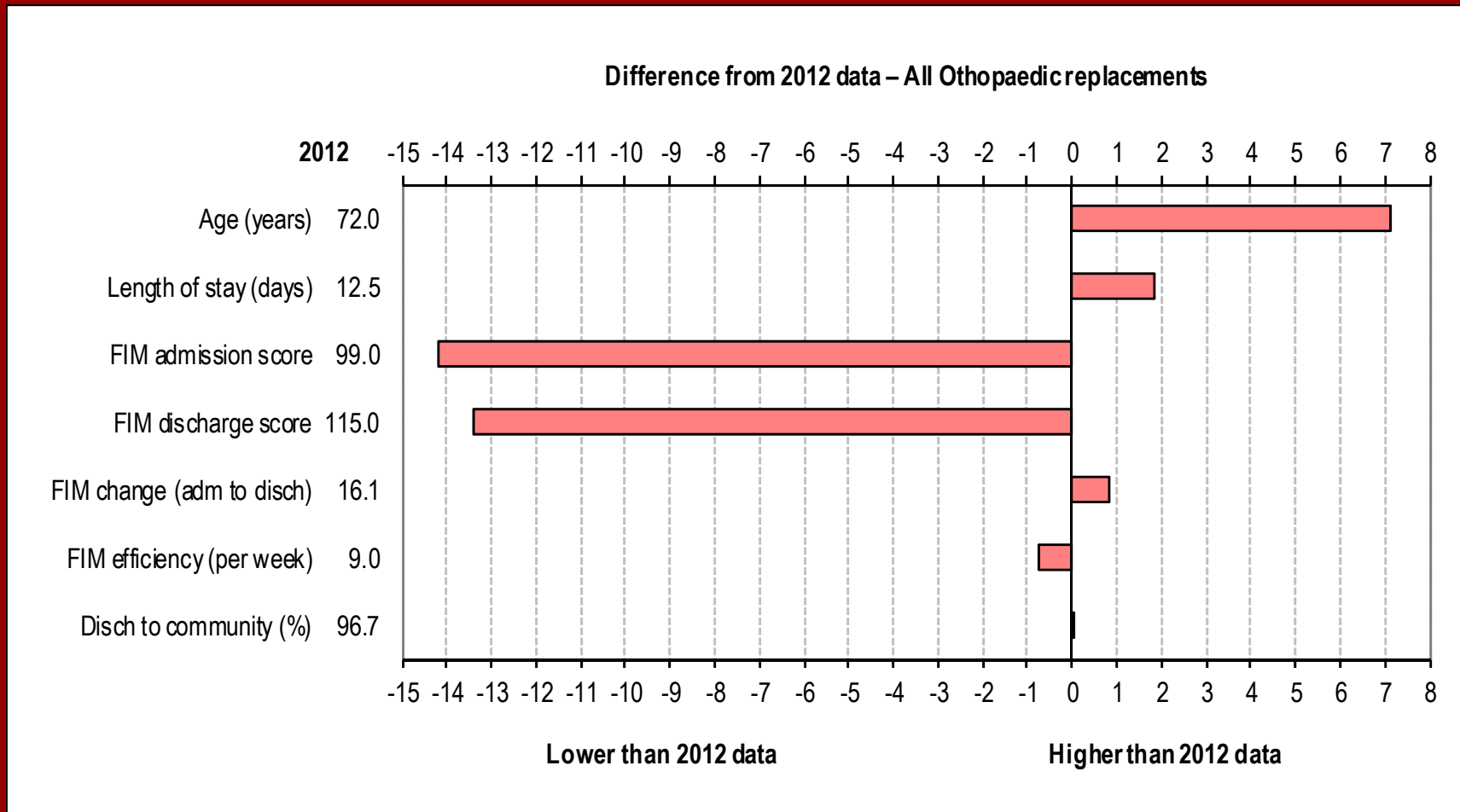


# Orthopaedic replacement LOS and FIM change by AN-SNAP class





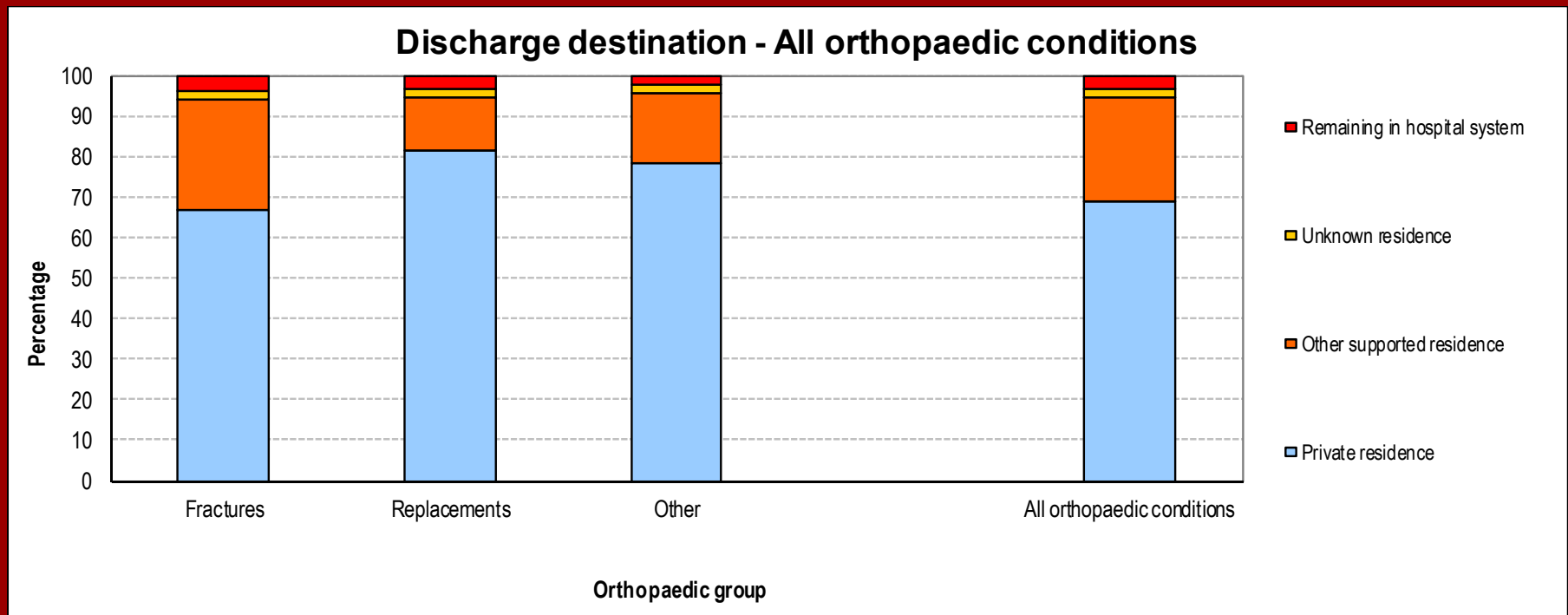
# Change in outcome measures in orthopaedic replacement – 2012 to 2013



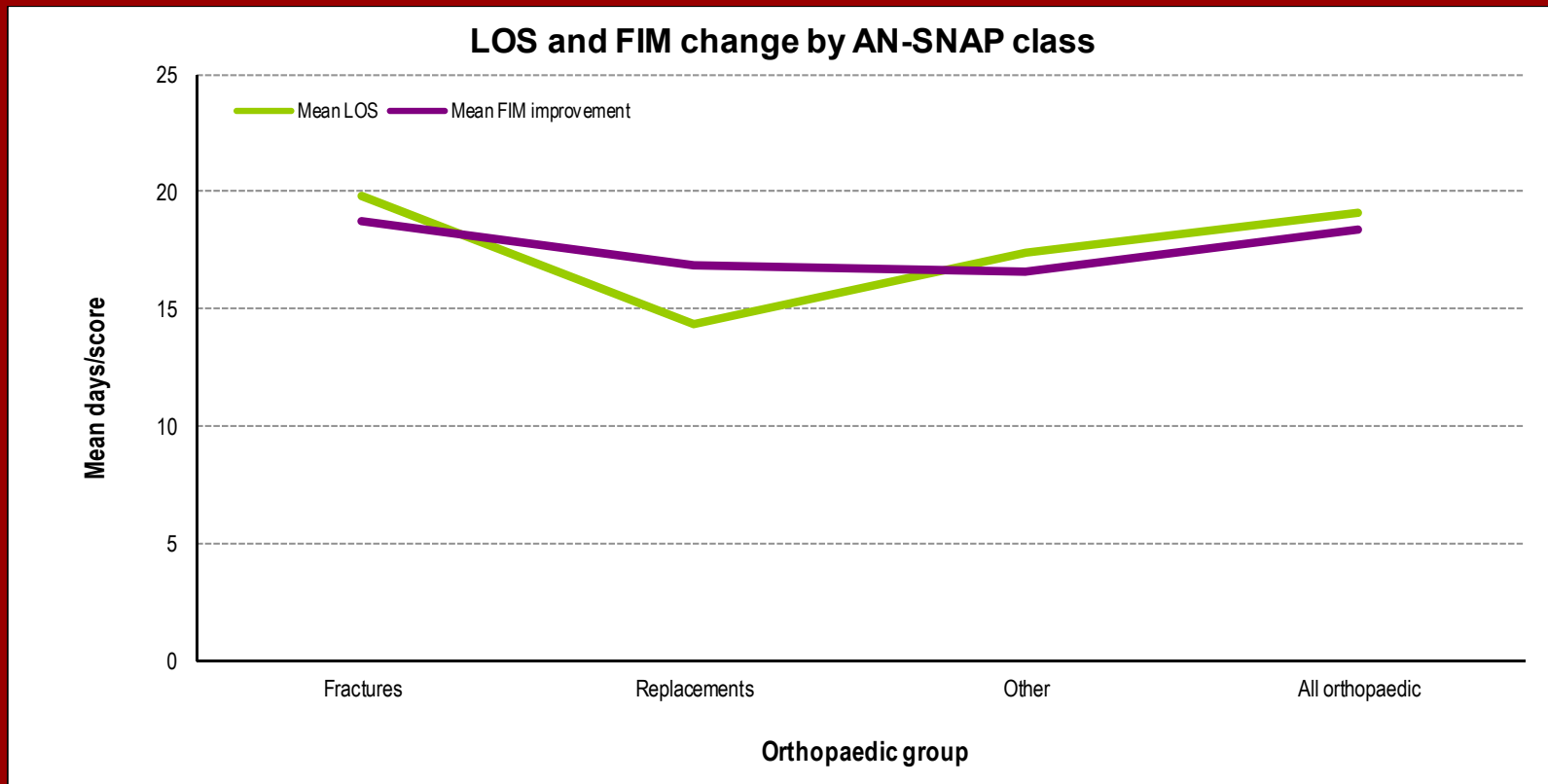
# All orthopaedic episodes in 2013

	Fractures	Replacements	Other	All orthopaedic conditions
Number of episodes	3,248	300	433	3,981
Proportion of episodes	81.6%	7.5%	10.9%	100.0%
Benchmark groups (%)				
<i>Under 65</i>	94.5	94.0	89.6	93.9
<i>65 and over</i>	5.5	6.0	10.4	6.1
Gender (%)				
<i>Female</i>	73.9	62.0	66.9	72.2
<i>Male</i>	26.1	38.0	33.1	27.8
Age (Mean+95%CI)	81.9 (82.3–81.5)	79.1 (80.3–78.0)	79.5 (80.7–78.4)	81.5 (81.8–81.1)
Admission FIM (Mean+95%CI)	72.8 (73.6–72.0)	84.8 (87.2–82.4)	81.8 (83.8–79.8)	74.7 (75.4–74.0)
LOS (Mean+95%CI)	19.8 (20.3–19.3)	14.4 (15.6–13.1)	17.4 (18.6–16.1)	19.1 (19.6–18.7)
Discharge destination (%)				
<i>Discharged to community</i>	96.2	96.7	97.5	96.4
<i>Remaining in hospital system</i>	3.8	3.3	2.5	3.6
FIM improvement (Mean+95%CI)	18.8 (19.3–18.3)	16.9 (18.3–15.5)	16.6 (17.8–15.3)	18.4 (18.8–17.9)
FIM efficiency (FIM imp./LOS)	0.9	1.2	1.0	1.0

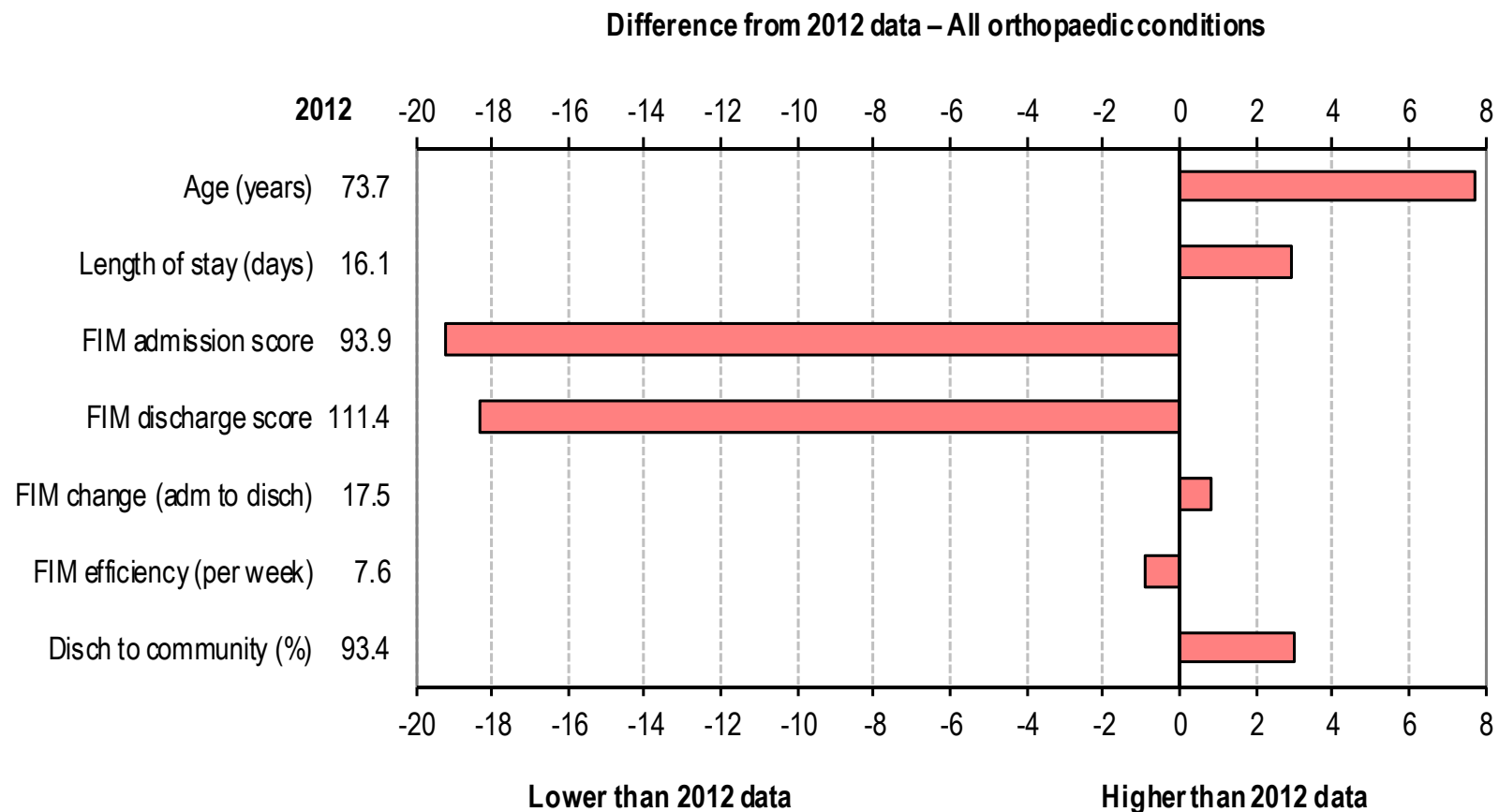
# All Orthopaedic episodes discharge destination by AN-SNAP class



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



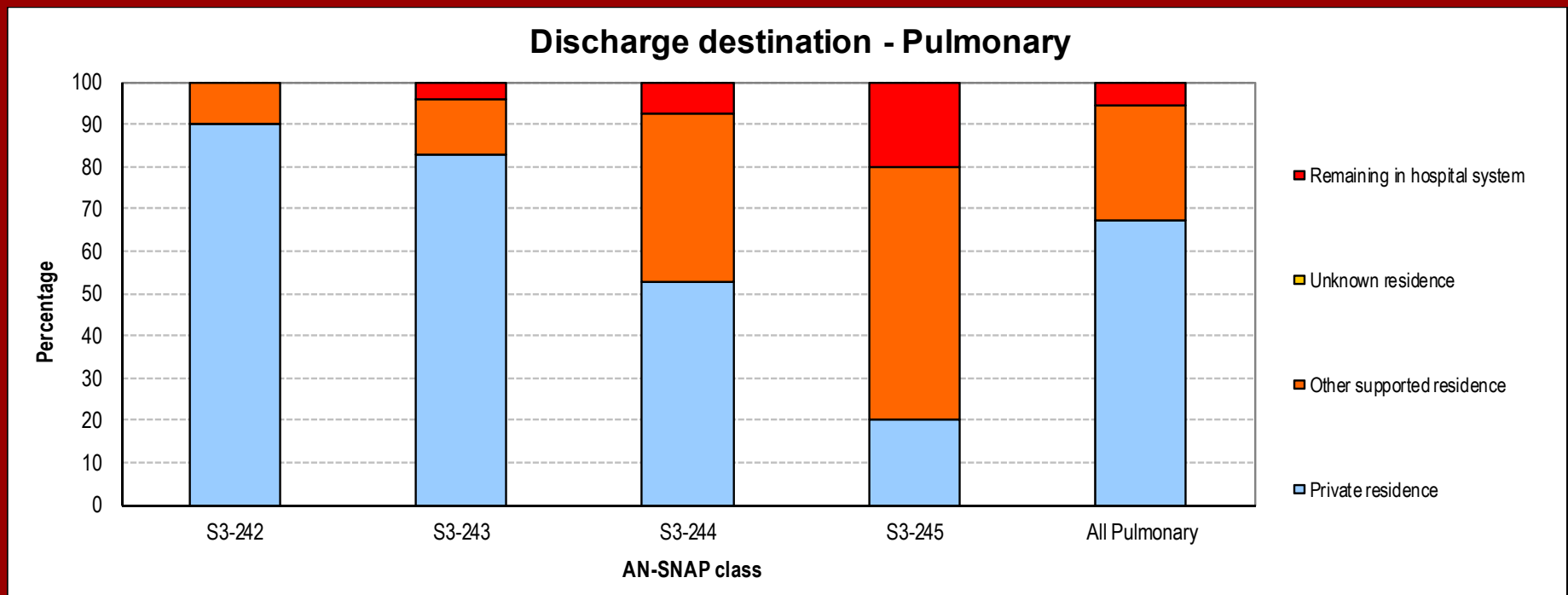
# Change in outcome measures in orthopaedic conditions – 2012 to 2013



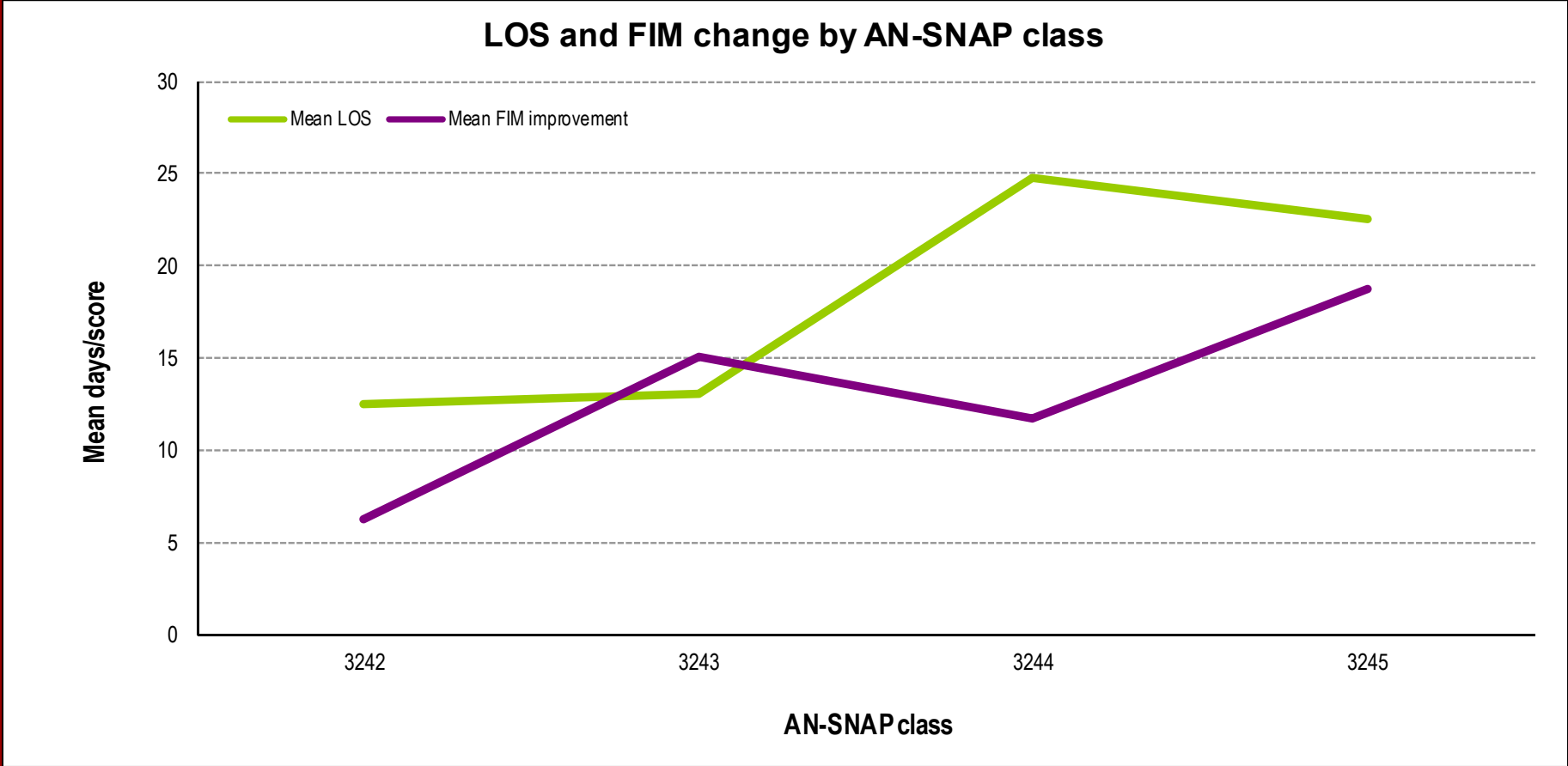
# Pulmonary episodes in 2013

AN-SNAP class:	S3-242	S3-243	S3-244	S3-245	All Pulmonary
Number of episodes	20	23	40	5	88
Proportion of episodes	22.7%	26.1%	45.5%	5.7%	100.0%
Benchmark groups (%)					
<i>Under 65</i>	90.0	87.0	100.0	80.0	93.1
<i>65 and over</i>	10.0	13.0	0.0	20.0	6.9
Gender (%)					
<i>Female</i>	50.0	73.9	50.0	40.0	55.7
<i>Male</i>	50.0	26.1	50.0	60.0	44.3
Age (Mean+95%CI)	76.0 (81.6–70.4)	78.9 (83.8–73.9)	80.3 (85.2–75.3)	81.6 (98.3–64.9)	79.0 (81.9–76.2)
Admission FIM (Mean+95%CI)	107.9 (112.9–102.9)	89.3 (92.9–85.7)	65.2 (68.6–61.8)	37.8 (48.4–27.1)	80.6 (85.4–75.7)
LOS (Mean+95%CI)	12.5 (17.4–7.6)	13.0 (15.9–10.1)	24.8 (28.0–21.5)	22.5 (36.8–8.2)	18.6 (21.0–16.2)
Discharge destination (%)					
<i>Discharged to community</i>	100.0	95.7	92.5	80.0	94.3
<i>Remaining in hospital system</i>	0.0	4.3	7.5	20.0	5.7
FIM improvement (Mean+95%CI)	6.3 (8.5–4.0)	15.0 (18.5–11.6)	11.8 (17.4–6.1)	18.8 (52.7–15.2)	11.6 (14.5–8.7)
FIM efficiency (FIM imp./LOS)	0.5	1.2	0.5	0.8	0.6

# Pulmonary discharge destination by AN-SNAP class

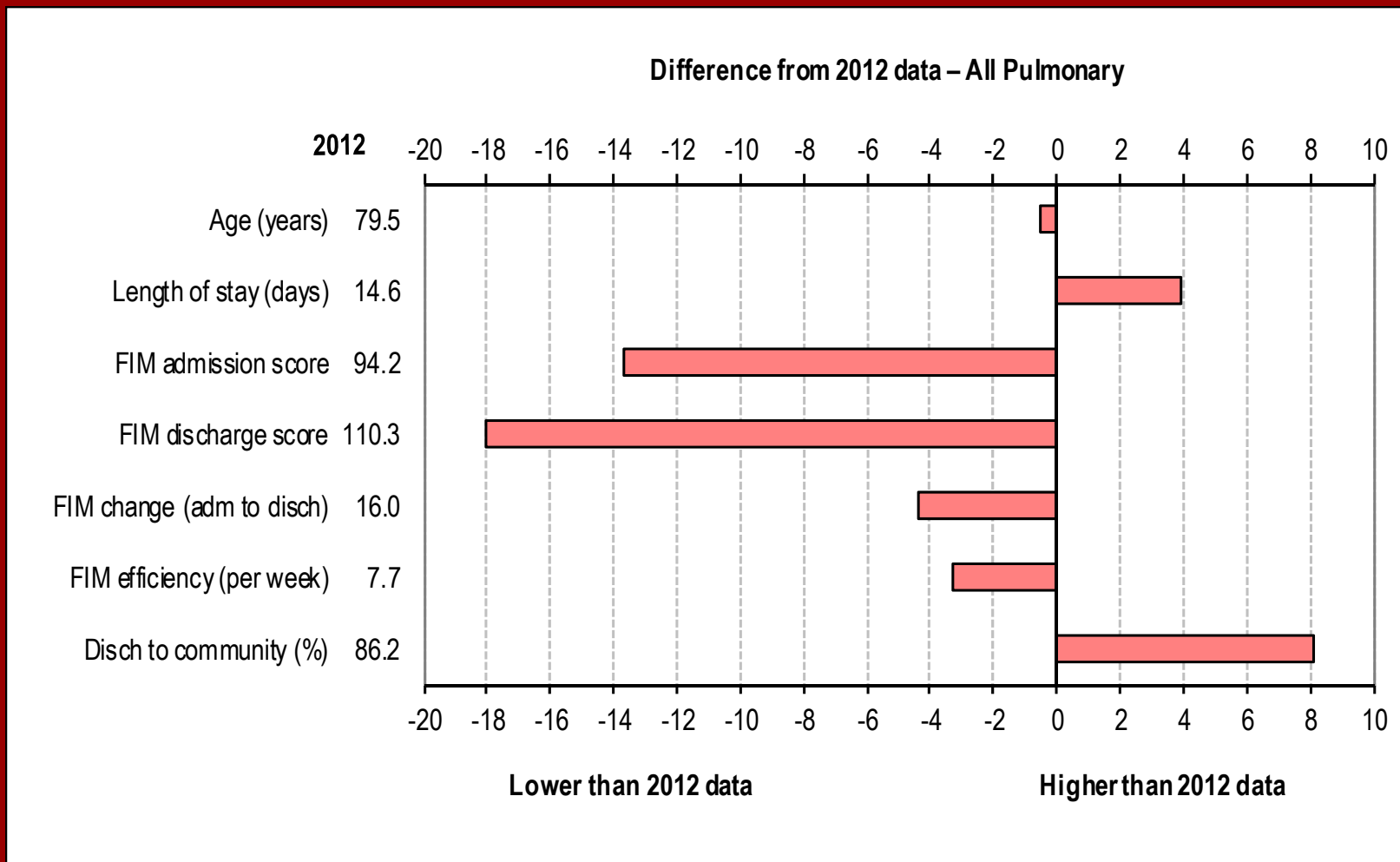


# Pulmonary LOS and FIM change by AN-SNAP class





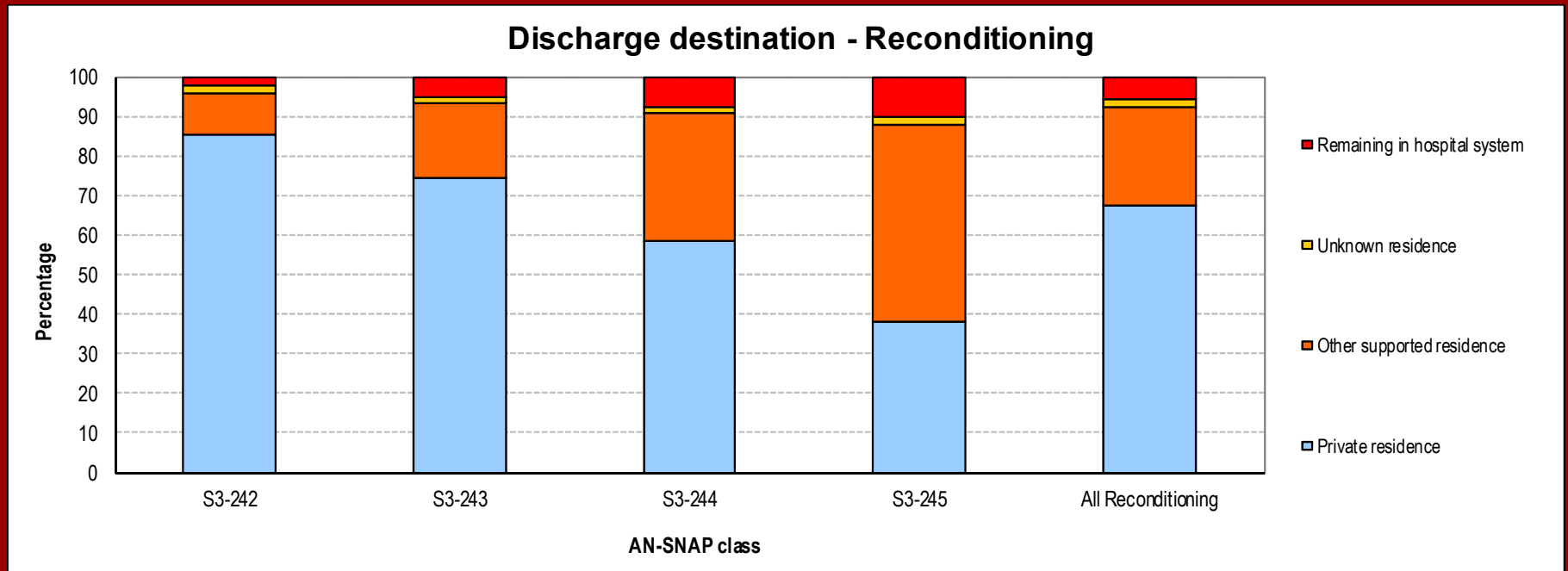
# Change in outcome measures in pulmonary – 2012 to 2013



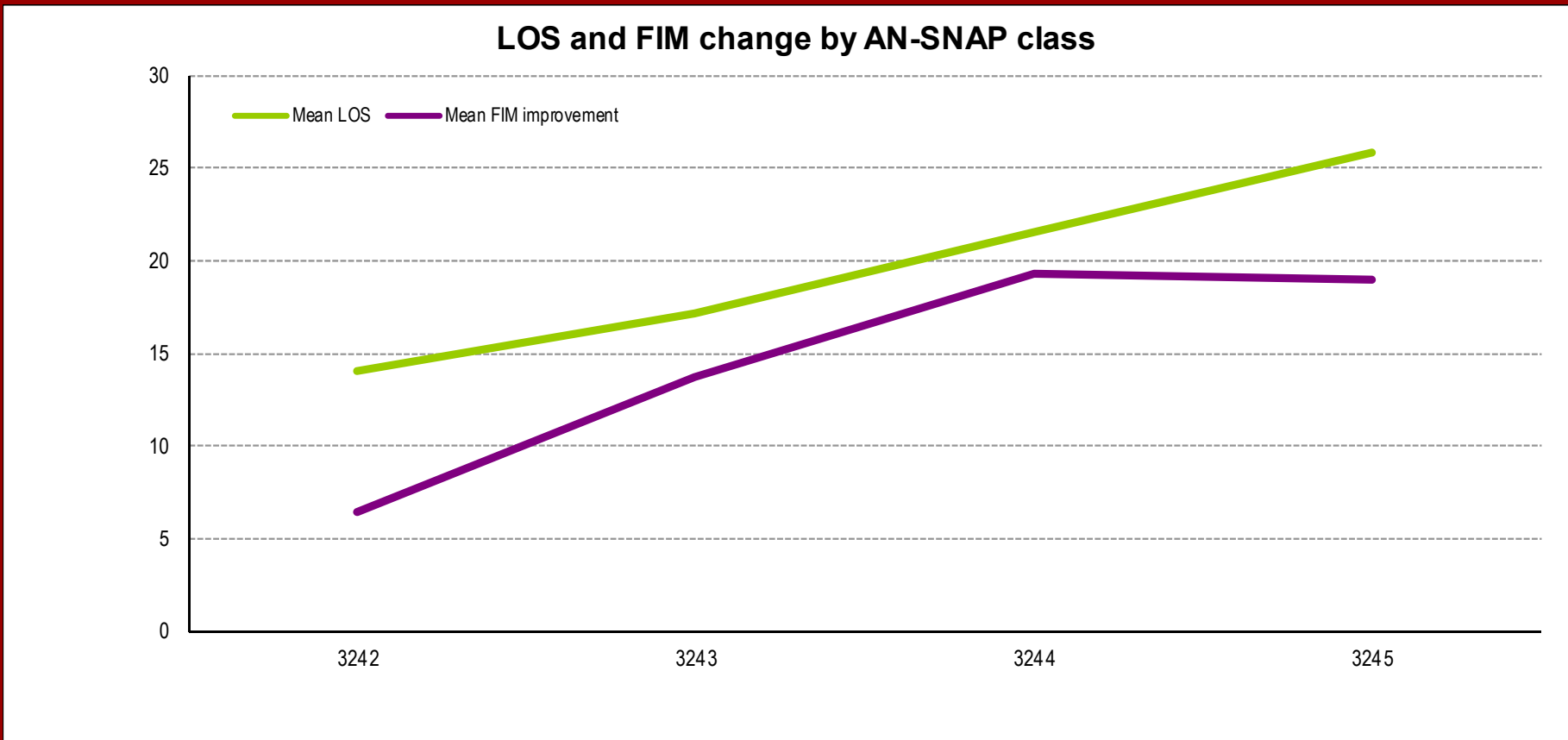
# Reconditioning episodes in 2013

AN-SNAP class:	S3-242	S3-243	S3-244	S3-245	All Reconditioning
Number of episodes	602	727	1,004	233	2,566
Proportion of episodes	23.5%	28.3%	39.1%	9.1%	100.0%
Benchmark groups (%)					
<i>Under 65</i>	89.3	92.4	93.1	88.0	91.6
<i>65 and over</i>	10.7	7.6	6.9	12.0	8.4
Gender (%)					
<i>Female</i>	55.1	55.7	53.1	54.9	54.5
<i>Male</i>	44.9	44.3	46.9	45.1	45.5
Age (Mean+95%CI)	78.0 (79.0–77.0)	79.7 (80.5–78.9)	80.9 (81.6–80.3)	78.6 (80.4–76.9)	79.7 (80.1–79.2)
Admission FIM (Mean+95%CI)	104.8 (105.5–104.1)	86.3 (86.9–85.7)	63.5 (64.3–62.7)	38.0 (39.5–36.5)	77.9 (78.8–77.0)
LOS (Mean+95%CI)	14.0 (15.5–12.5)	17.2 (18.1–16.3)	21.5 (22.4–20.7)	25.8 (28.3–23.3)	18.8 (19.4–18.2)
Discharge destination (%)					
<i>Discharged to community</i>	98.0	94.8	92.1	89.7	94.0
<i>Remaining in hospital system</i>	2.0	5.2	7.9	10.3	6.0
FIM improvement (Mean+95%CI)	6.4 (7.0–5.8)	13.7 (14.5–12.9)	19.3 (20.3–18.3)	18.9 (21.9–15.9)	14.5 (15.1–14.0)
FIM efficiency (FIM imp./LOS)	0.5	0.8	0.9	0.7	0.8

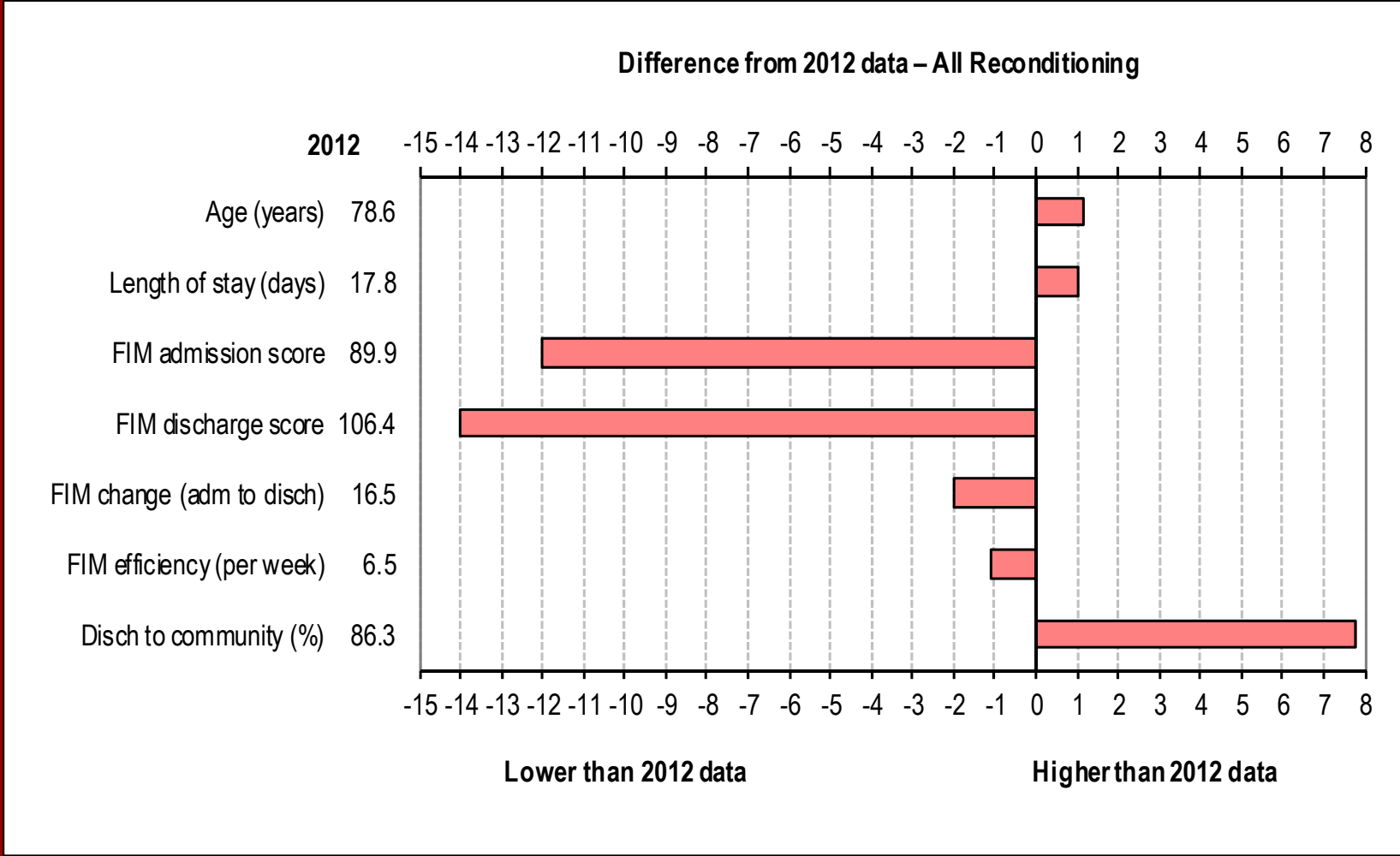
# Reconditioning discharge destination by AN-SNAP class



# Reconditioning LOS and FIM change by AN-SNAP class



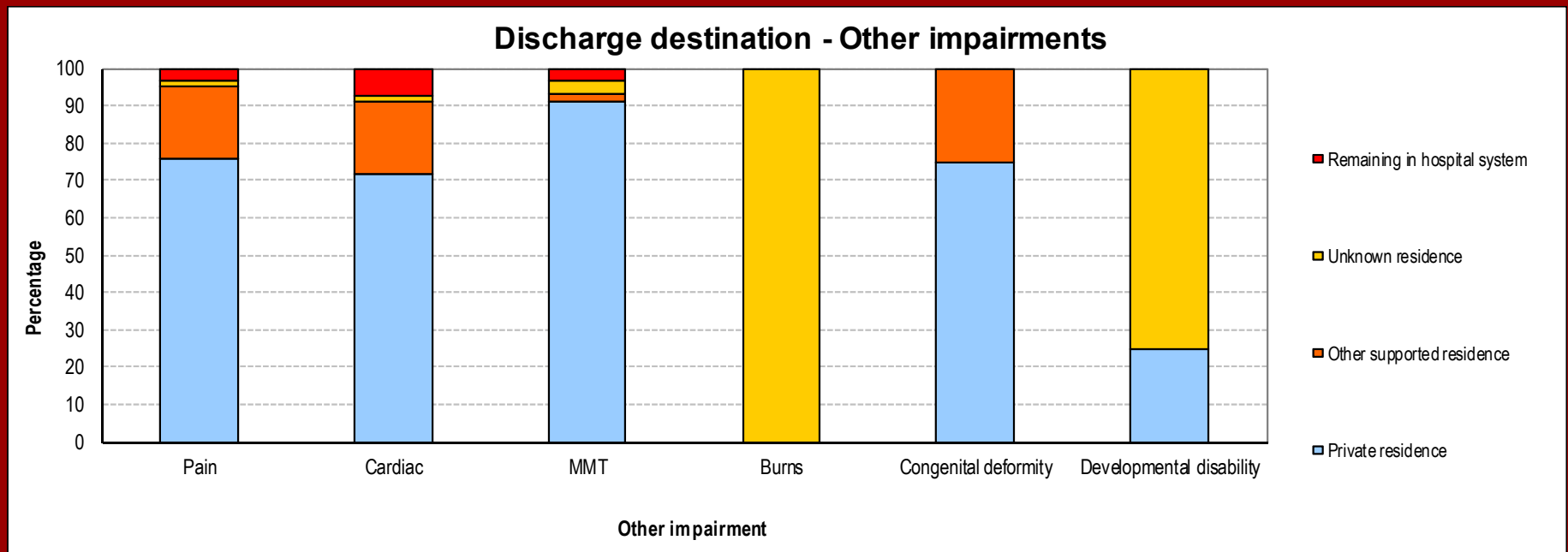
# Change in outcome measures in reconditioning – 2012 to 2013



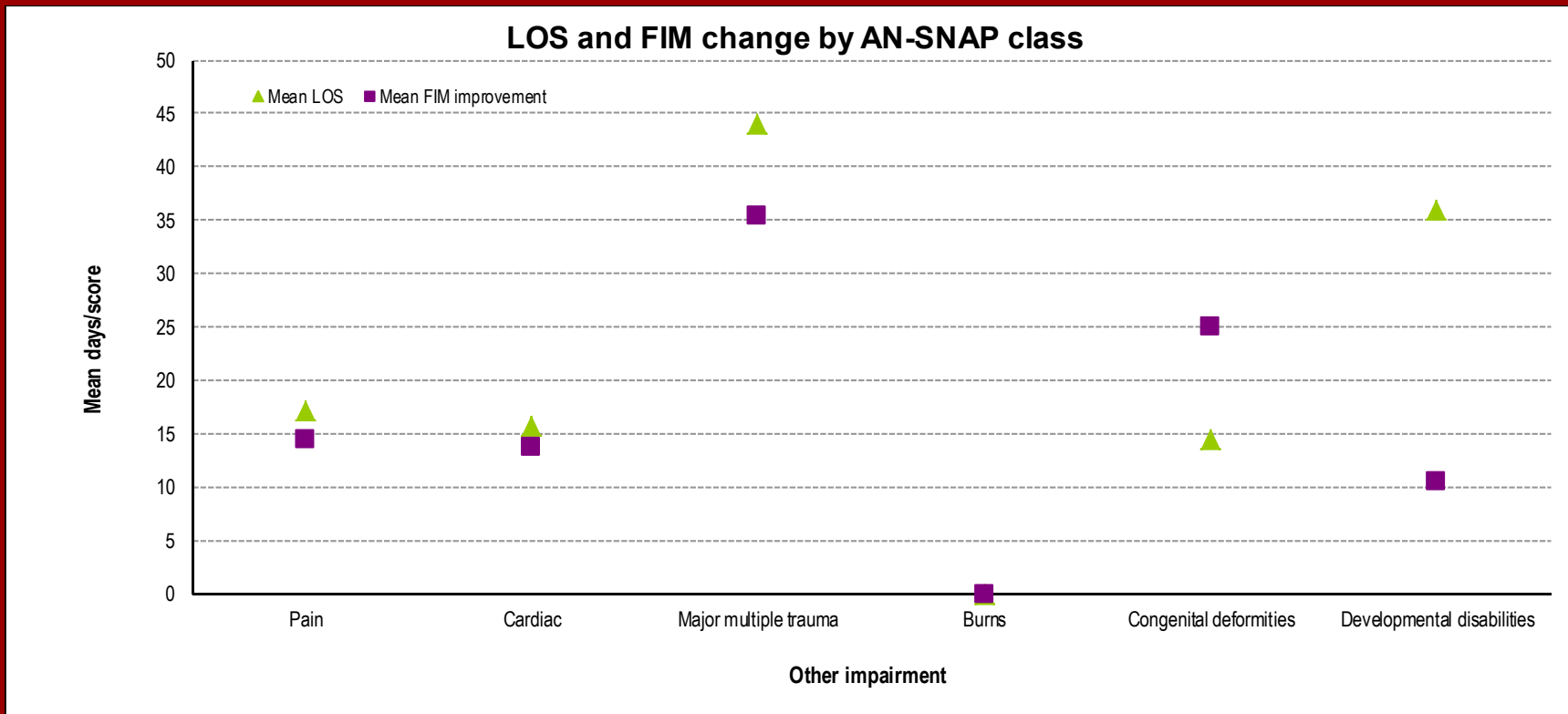
# Other impairment episodes in 2013

	Pain	Cardiac	MMT	Burns	Congenital deformity	Developmental disability
Number of episodes	288	149	57	n<5	n<5	n<5
Proportion of total episodes in 2012	2.8%	1.4%	0.5%			
Benchmark groups (%)						
<i>Under 65</i>	94.8	93.9	21.1	n.a.	n.a.	n.a.
<i>65 and over</i>	5.2	6.1	78.9			
Gender (%)						
<i>Female</i>	70.8	57.7	40.4	n.a.	n.a.	n.a.
<i>Male</i>	29.2	42.3	59.6			
Age (Mean+95%CI)	70.9 (91.6–50.3)	79.7 (82.2–77.2)	43.8 (49.5–38.0)	n.a.	n.a.	n.a.
Admission FIM (Mean+95%CI)	85.2 (87.7–82.8)	84.9 (88.4–81.4)	73.6 (81.1–66.2)	n.a.	n.a.	n.a.
LOS (Mean+95%CI)	17.1 (18.6–15.7)	15.7 (17.3–14.1)	43.9 (53.4–34.4)	n.a.	n.a.	n.a.
Discharge destination (%)						
<i>Discharged to community</i>	96.9	92.6	96.5	n.a.	n.a.	n.a.
<i>Remaining in hospital system</i>	3.1	7.4	3.5			
FIM improvement (Mean+95%CI)	14.4 (15.9–12.9)	13.8 (16.0–11.5)	35.3 (41.7–29.0)	n.a.	n.a.	n.a.
FIM efficiency (FIM imp./LOS)	0.8	0.9	0.8	n.a.	n.a.	n.a.

# Other impairment discharge destination by AN-SNAP class

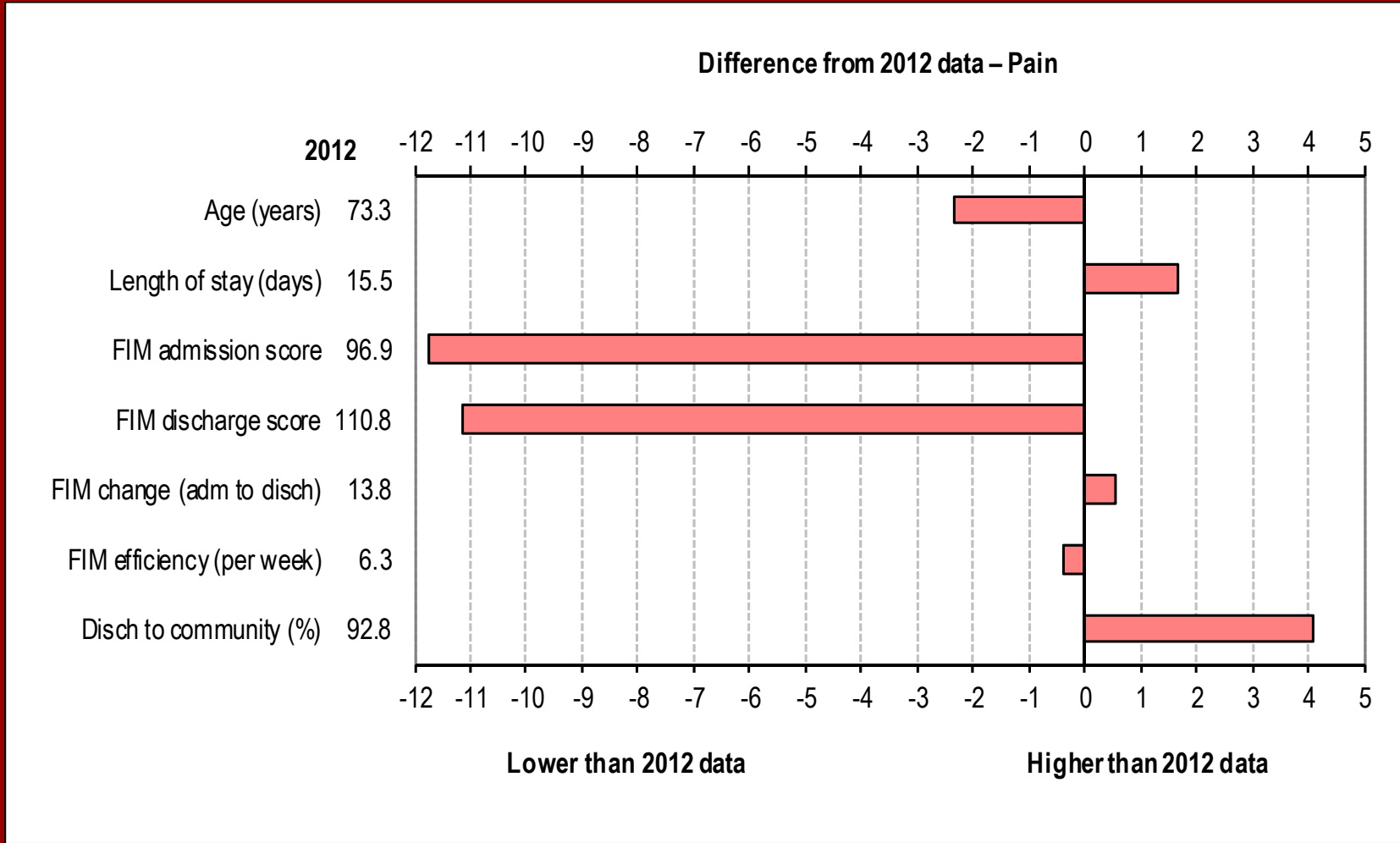


# Other impairment LOS and FIM change by AN-SNAP class

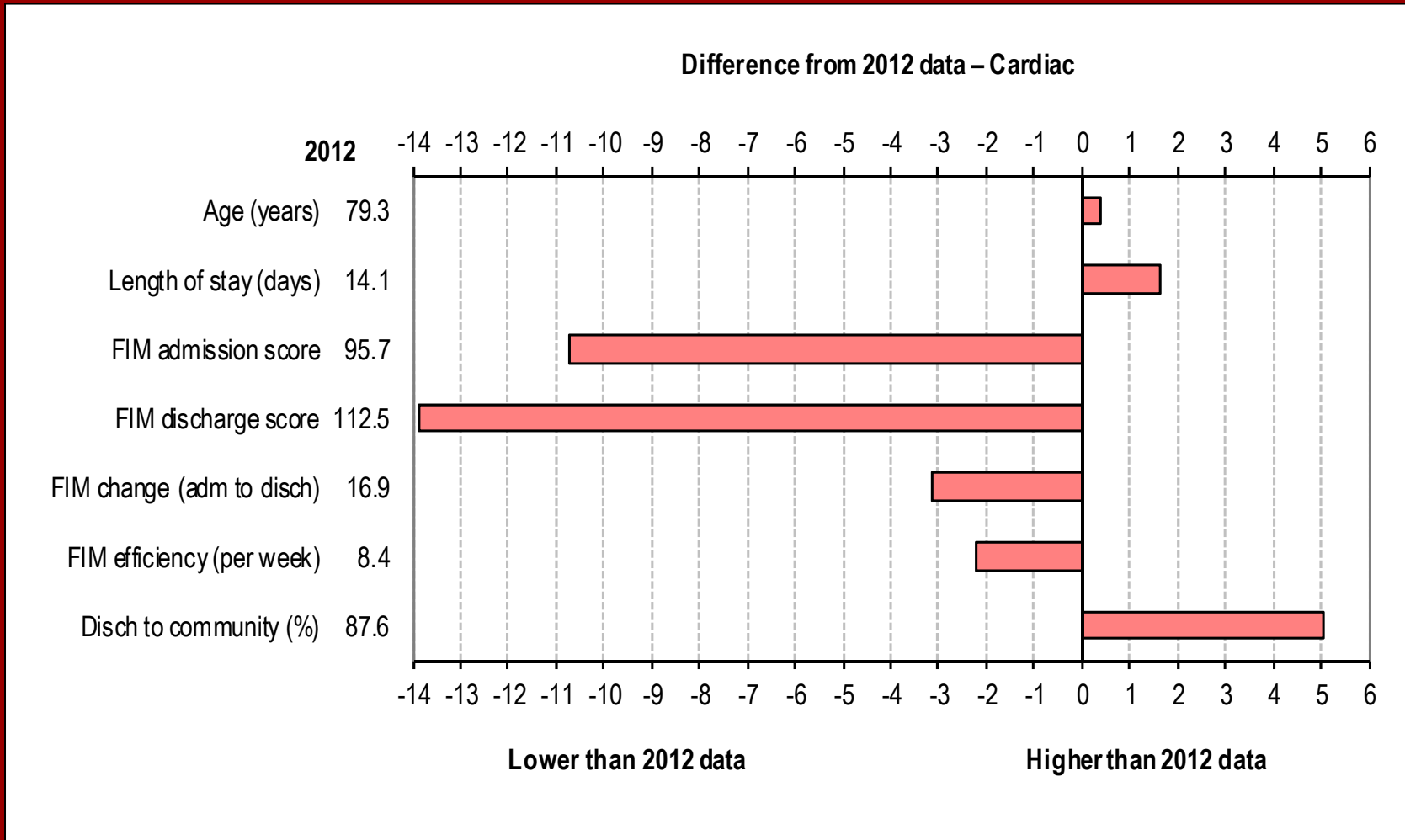




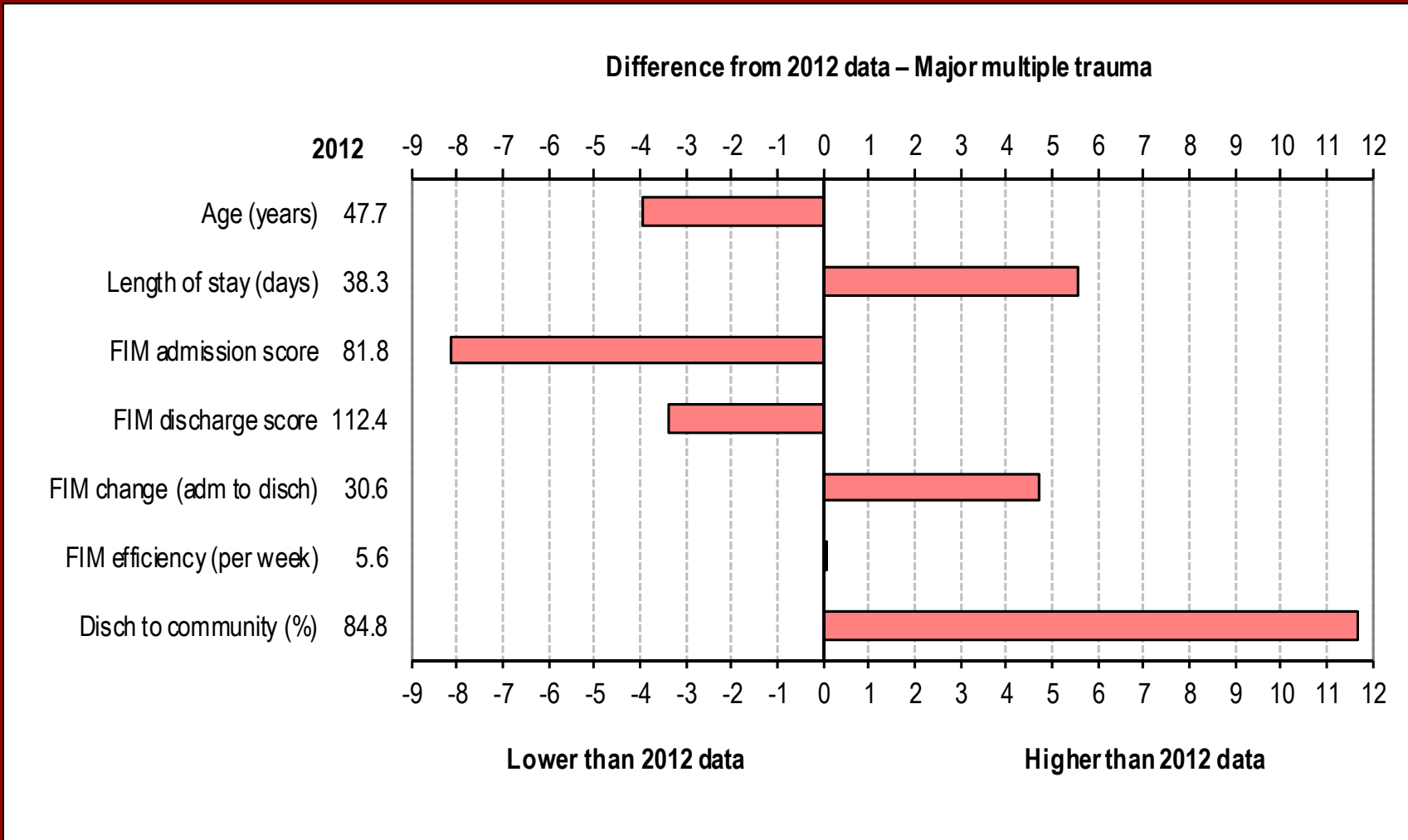
# Change in outcome measures in pain – 2012 to 2013



# Change in outcome measures in cardiac – 2012 to 2013



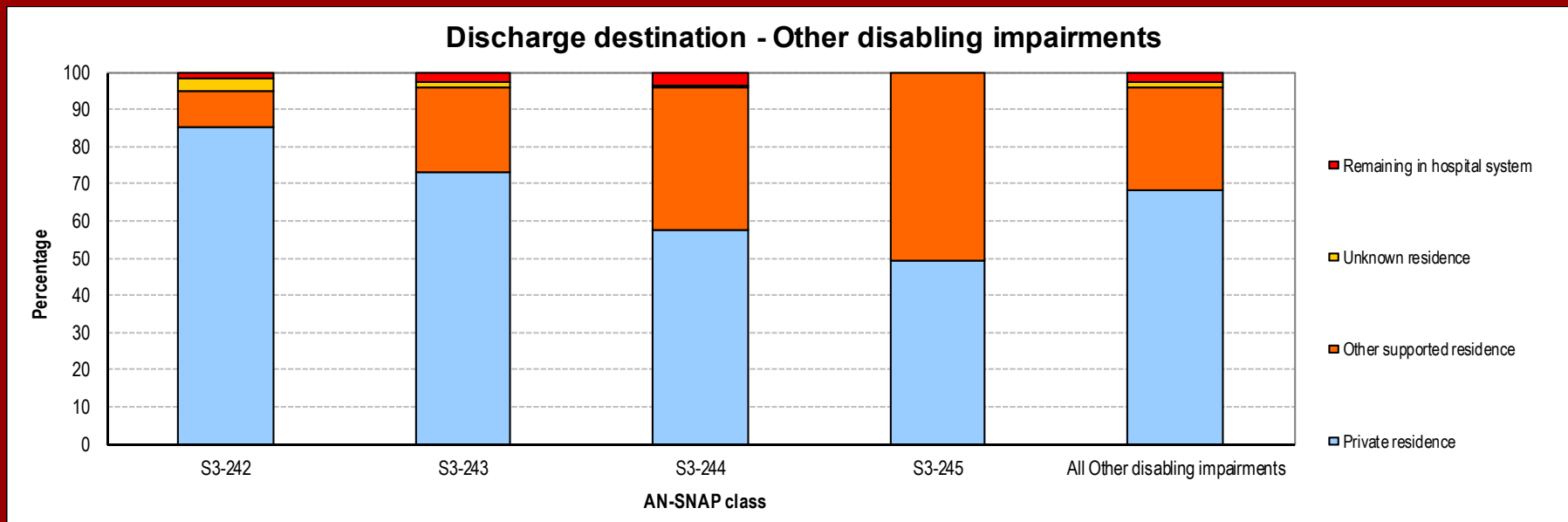
# Change in outcome measures in MMT – 2012 to 2013



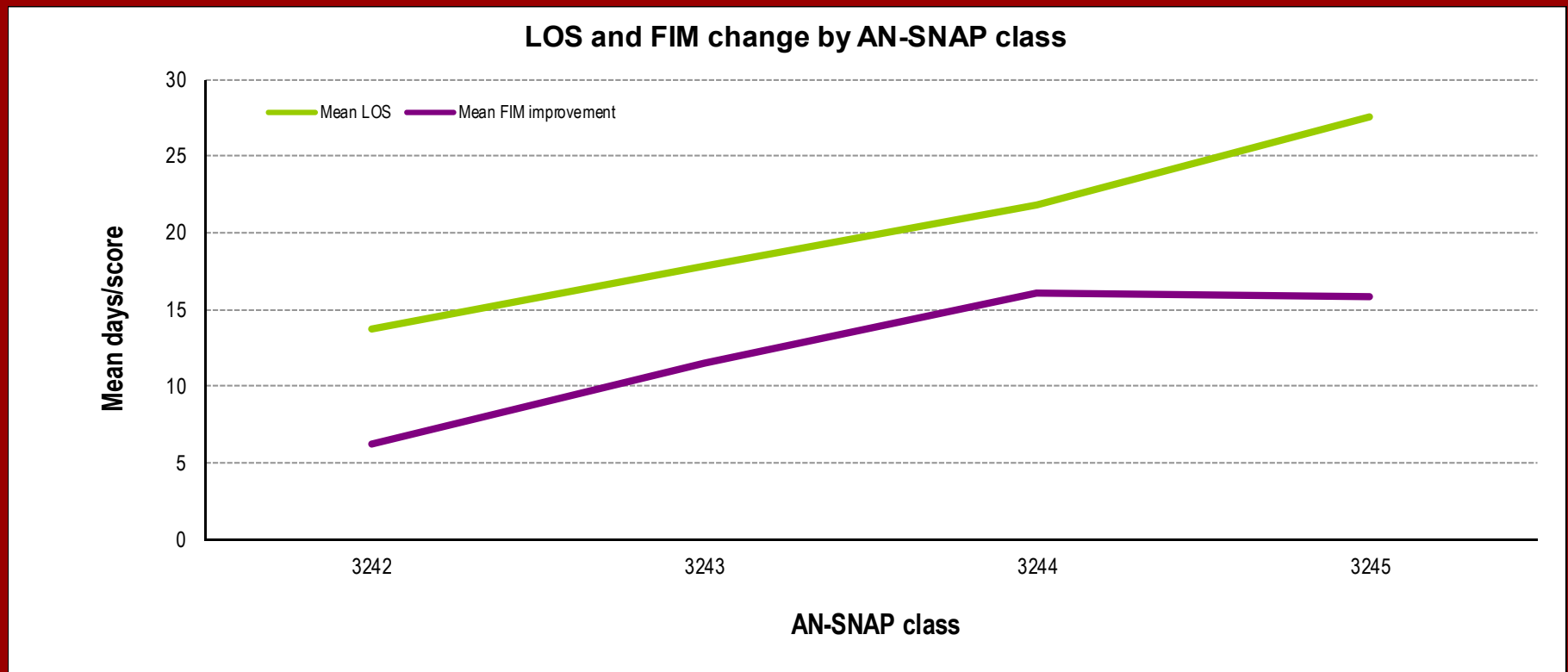
# Other disabling impairment episodes in 2013

AN-SNAP class:	S3-242	S3-243	S3-244	S3-245	All Other disabling impairments
Number of episodes	178	190	271	65	704
Proportion of episodes	25.3%	27.0%	38.5%	9.2%	100.0%
Benchmark groups (%)					
<i>Under 65</i>	91.0	97.9	97.0	98.5	95.9
<i>65 and over</i>	9.0	2.1	3.0	1.5	4.1
Gender (%)					
<i>Female</i>	61.2	63.2	65.3	53.8	62.6
<i>Male</i>	38.8	36.8	34.7	46.2	37.4
Age (Mean+95%CI)	77.8 (80.0–75.6)	82.4 (84.1–80.7)	83.5 (84.6–82.4)	83.4 (85.4–81.4)	81.7 (82.6–80.9)
Admission FIM (Mean+95%CI)	98.1 (98.7–97.5)	81.2 (81.8–80.7)	62.8 (63.4–62.1)	39.5 (40.6–38.5)	75.6 (77.4–73.9)
LOS (Mean+95%CI)	13.7 (15.2–12.2)	17.8 (19.5–16.2)	21.8 (23.1–20.4)	27.5 (32.3–22.7)	19.2 (20.2–18.3)
Discharge destination (%)					
<i>Discharged to community</i>	98.3	97.4	96.3	100.0	97.4
<i>Remaining in hospital system</i>	1.7	2.6	3.7	0.0	2.6
FIM improvement (Mean+95%CI)	6.2 (7.3–5.0)	11.5 (13.1–9.9)	16.0 (17.7–14.4)	15.8 (20.2–11.4)	12.3 (13.2–11.3)
FIM efficiency (FIM imp./LOS)	0.4	0.6	0.7	0.6	0.6

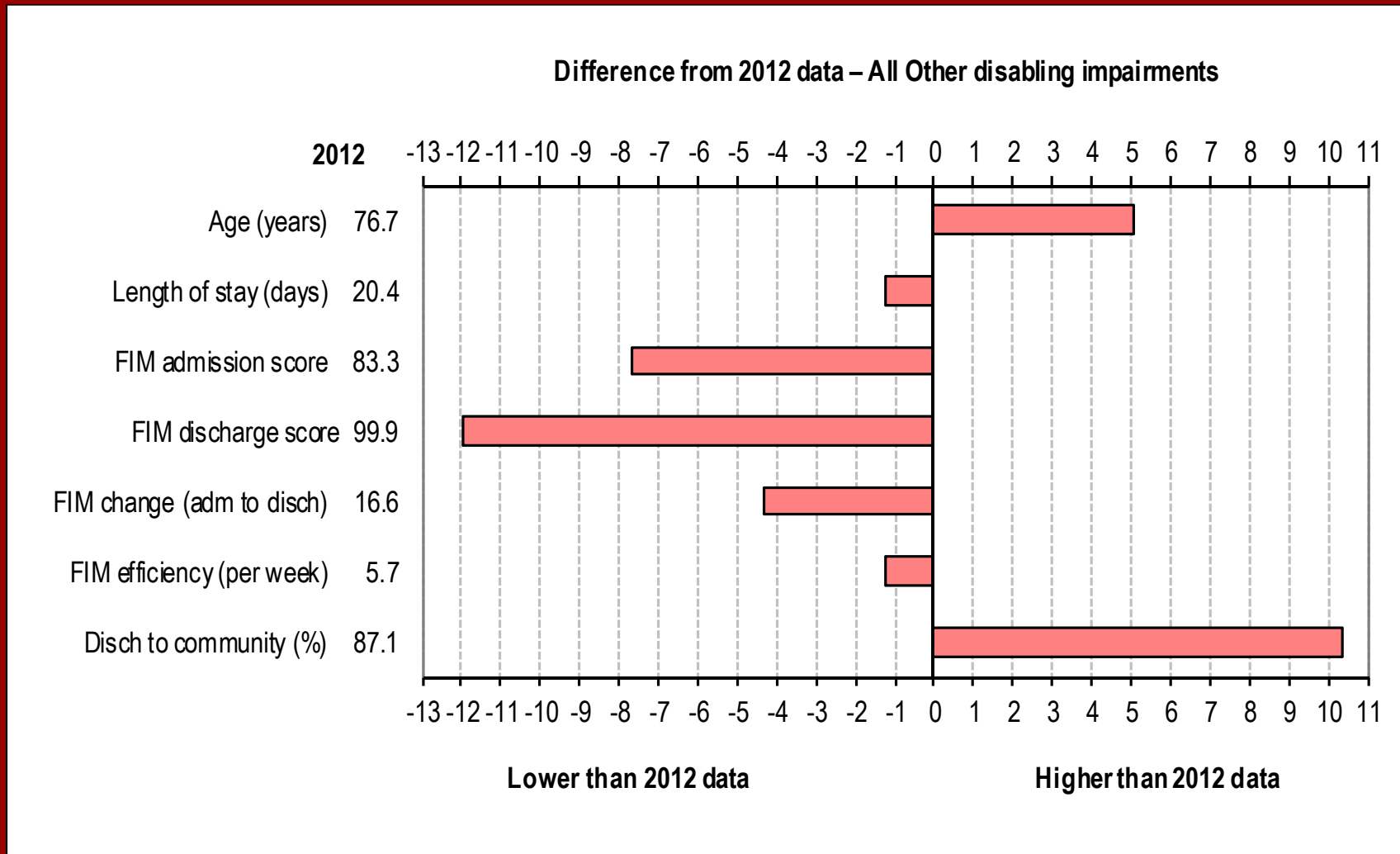
# Other disabling impairment discharge destination by AN-SNAP class



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



# Change in outcome measures in other disabling impairments – 2012 to 2013



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