

Length of stay and functional improvement of completed episodes of rehabilitation in New Zealand, by impairment and age, AROC financial year 2011

Impairment group	Aged under 65				Aged 65 and over				New Zealand National			
	Length of stay		FIM change	FIM gain	Length of stay		FIM change	FIM gain	Length of stay		FIM change	FIM gain
	No.	Mean (95%CI)	Mean (95%CI)	per week	No.	Mean (95%CI)	Mean (95%CI)	per week	No.	Mean (95%CI)	Mean (95%CI)	per week
Stroke	312	29.6 (26.9–32.3)	26.0 (23.8–28.2)	6.1	476	27.3 (25.5–29.0)	20.2 (18.8–21.7)	5.2	788	28.2 (26.7–29.7)	22.5 (21.3–23.8)	5.6
Brain	223	36.4 (30.9–41.8)	28.2 (25.0–31.4)	5.4	63	24.8 (20.5–29.2)	20.3 (16.1–24.6)	5.7	286	33.8 (29.4–38.2)	26.5 (23.8–29.1)	5.5
Neurological	135	25.1 (20.8–29.4)	15.4 (12.7–18.1)	4.3	62	22.7 (18.3–27.1)	15.2 (12.0–18.5)	4.7	197	24.4 (21.1–27.6)	15.3 (13.2–17.4)	4.4
Spinal cord	121	72.6 (63.8–81.5)	30.8 (27.0–34.5)	3.0	36	65.3 (50.7–79.8)	30.1 (23.4–36.8)	3.2	157	70.9 (63.4–78.5)	30.6 (27.3–33.9)	3.0
Amputee	51	25.6 (21.3–29.9)	13.9 (10.8–17.1)	3.8	60	32.0 (25.0–39.0)	16.2 (12.8–19.6)	3.5	111	29.1 (24.7–33.4)	15.1 (12.8–17.5)	3.6
Arthritis	1	n.a.	n.a.	n.a.	15	17.8 (13.0–22.6)	15.7 (9.1–22.3)	6.2	16	17.4 (12.9–22.0)	15.8 (9.6–22.0)	6.3
Pain	14	15.4 (9.4–21.4)	9.3 (4.6–14.0)	4.2	83	18.6 (16.2–20.9)	15.2 (11.9–18.5)	5.7	97	18.1 (15.9–20.3)	14.4 (11.4–17.3)	5.5
Ortho - fractures	78	23.5 (20.0–26.9)	18.5 (16.0–21.0)	5.5	721	22.2 (21.1–23.3)	21.3 (20.3–22.4)	6.7	799	22.3 (21.3–23.3)	21.1 (20.0–22.1)	6.6
Ortho - replacements	10	15.8 (10.2–21.4)	18.1 (9.7–26.5)	8.0	91	14.4 (12.6–16.3)	17.4 (15.1–19.7)	8.4	101	14.6 (12.8–16.3)	17.5 (15.2–19.7)	8.4
Ortho - others	17	29.8 (16.2–43.3)	14.6 (8.7–20.5)	3.4	21	23.1 (14.5–31.6)	17.7 (11.6–23.9)	5.4	38	26.1 (18.4–33.7)	16.3 (12.1–20.6)	4.4
Cardiac	3	n.a.	n.a.	n.a.	42	20.7 (16.5–24.9)	17.7 (12.8–22.6)	6.0	45	20.1 (16.1–24.1)	17.2 (12.5–21.9)	6.0
Pulmonary	8	20.1 (9.1–31.2)	15.4 (9.8–20.9)	5.3	15	15.4 (10.9–19.9)	12.3 (8.4–16.3)	5.6	23	17.0 (12.3–21.8)	13.4 (10.2–16.6)	5.5
Burns	2	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	3	n.a.	n.a.	n.a.
Congenital deformity	2	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.
Other disabling imp.	19	13.3 (10.6–16.0)	18.7 (11.7–25.8)	9.8	53	20.4 (17.5–23.2)	14.2 (11.1–17.2)	4.9	72	18.5 (16.2–20.8)	15.4 (12.4–18.3)	5.8
Multiple trauma	55	49.3 (32.5–66.0)	39.3 (31.7–46.9)	5.6	12	35.9 (11.6–60.2)	26.8 (17.6–35.9)	5.2	67	46.9 (32.4–61.3)	37.0 (30.5–43.6)	5.5
Developmental disabilities	0	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
Re-conditioning	132	26.9 (22.1–31.7)	20.9 (18.0–23.9)	5.5	516	22.2 (20.7–23.6)	17.1 (15.8–18.4)	5.4	648	23.1 (21.6–24.7)	17.9 (16.7–19.1)	5.4
Missing or excluded	124				234				358			
<b>All episodes</b>	<b>1,307</b>	<b>34.2 (32.1–36.2)</b>	<b>24.0 (22.9–25.2)</b>	<b>4.9</b>	<b>2,501</b>	<b>23.8 (23.0–24.5)</b>	<b>19.2 (18.6–19.9)</b>	<b>5.7</b>	<b>3,808</b>	<b>27.3 (26.5–28.2)</b>	<b>20.9 (20.3–21.5)</b>	<b>5.3</b>

NOTE 1: Where the number of episodes < 5 details are not given for reasons of privacy and accuracy.

NOTE 2: Incomplete episodes are excluded from analysis

Length of stay and functional improvement of completed episodes of rehabilitation in New Zealand, by AN-SNAP class and age, AROC financial year 2011 (1/2)

AN-SNAP class	Aged under 65			Aged 65 and over				New Zealand National				
	No.	Length of stay	FIM change	FIM gain	No.	Length of stay	FIM change	FIM gain	No.	Length of stay	FIM change	FIM gain
		Mean (95%CI)	Mean (95%CI)	per week		Mean (95%CI)	Mean (95%CI)	per week		Mean (95%CI)	Mean (95%CI)	per week
S2-201	1	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.
S2-202	44	126.3 (104.4–148.1)	41.6 (31.7–51.6)	2.3	11	80.6 (54.7–106.6)	41.7 (23.0–60.4)	3.6	55	117.1 (98.3–135.9)	41.7 (32.9–50.4)	2.5
S2-203	14	81.4 (56.0–106.9)	38.9 (25.3–52.4)	3.3	47	40.7 (33.0–48.3)	15.9 (10.1–21.7)	2.7	61	50.0 (40.8–59.3)	21.2 (15.3–27.1)	3.0
S2-204	133	15.3 (13.7–16.9)	10.8 (9.4–12.2)	4.9	125	14.9 (13.3–16.5)	11.6 (10.2–13.0)	5.4	258	15.1 (14.0–16.2)	11.2 (10.2–12.2)	5.2
S2-205	12	26.9 (7.8–46.0)	24.1 (16.2–31.9)	6.3	21	20.2 (14.9–25.6)	16.6 (13.4–19.7)	5.7	33	22.7 (15.0–30.3)	19.3 (15.7–22.9)	6.0
S2-206	46	26.8 (21.7–31.9)	28.8 (25.7–31.9)	7.5	91	21.4 (18.7–24.1)	19.1 (16.4–21.8)	6.2	137	23.2 (20.7–25.7)	22.3 (20.1–24.5)	6.7
S2-207	7	29.0 (18.1–39.9)	47.9 (42.1–53.6)	11.6	8	25.6 (17.4–33.8)	21.1 (13.9–28.3)	5.8	15	27.2 (20.7–33.7)	33.6 (25.3–41.9)	8.6
S2-208	0	n.a.	n.a.	n.a.	140	36.3 (32.9–39.8)	24.4 (21.3–27.5)	4.7	140	36.3 (32.9–39.8)	24.4 (21.3–27.5)	4.7
S2-209	102	44.7 (40.0–49.4)	41.5 (37.9–45.1)	6.5	62	34.3 (29.2–39.3)	32.7 (28.4–37.0)	6.7	164	40.8 (37.2–44.3)	38.2 (35.3–41.0)	6.6
S2-210	16	11.2 (8.0–14.3)	10.9 (6.8–14.9)	6.8	7	10.9 (7.0–14.8)	12.4 (7.3–17.5)	8.0	23	11.1 (8.6–13.5)	11.3 (8.2–14.5)	7.2
S2-211	67	19.0 (14.8–23.3)	11.1 (8.9–13.3)	4.1	13	18.6 (9.6–27.6)	11.8 (6.3–17.2)	4.4	80	19.0 (15.2–22.8)	11.2 (9.2–13.3)	4.1
S2-212	32	31.4 (22.4–40.5)	19.8 (16.1–23.5)	4.4	5	26.6 (20.9–32.3)	25.2 (17.5–32.9)	6.6	37	30.8 (22.9–38.6)	20.5 (17.2–23.9)	4.7
S2-213	35	31.8 (24.1–39.5)	25.6 (21.5–29.7)	5.6	5	32.0 (16.5–47.5)	17.6 (7.4–27.8)	3.9	40	31.8 (24.9–38.7)	24.6 (20.7–28.5)	5.4
S2-214	47	44.7 (34.8–54.6)	52.3 (47.6–57.1)	8.2	25	28.8 (20.9–36.8)	25.8 (18.8–32.7)	6.3	72	39.2 (32.0–46.4)	43.1 (38.2–48.0)	7.7
S2-215	17	69.7 (51.2–88.2)	56.5 (40.3–72.6)	5.7	6	26.7 (12.6–40.7)	16.0 (4.3–27.7)	4.2	23	58.5 (42.4–74.6)	45.9 (31.7–60.2)	5.5
S2-216	73	16.4 (14.1–18.7)	8.4 (6.4–10.4)	3.6	21	14.9 (10.7–19.0)	7.0 (3.9–10.2)	3.3	94	16.1 (14.1–18.0)	8.1 (6.4–9.8)	3.5
S2-217	17	24.9 (16.2–33.5)	18.6 (12.7–24.6)	5.2	14	19.1 (14.2–24.1)	16.3 (12.2–20.3)	6.0	31	22.3 (17.0–27.5)	17.6 (13.9–21.3)	5.5
S2-218	36	31.7 (23.1–40.2)	23.9 (17.5–30.3)	5.3	25	30.3 (21.3–39.3)	21.2 (15.0–27.3)	4.9	61	31.1 (24.9–37.3)	22.8 (18.2–27.3)	5.1
S2-219	2	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.
S2-220	2	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.
S2-221	38	39.1 (29.6–48.7)	20.4 (17.2–23.6)	3.6	11	27.7 (7.8–47.7)	15.2 (8.7–21.7)	3.8	49	36.6 (27.9–45.2)	19.2 (16.3–22.1)	3.7
S2-222	45	77.8 (64.7–90.8)	38.7 (32.6–44.7)	3.5	19	73.2 (56.9–89.5)	33.8 (26.6–40.9)	3.2	64	76.4 (66.1–86.7)	37.2 (32.5–42.0)	3.4
S2-223	16	84.9 (61.7–108.2)	43.8 (35.3–52.2)	3.6	0	n.a.	n.a.	n.a.	16	84.9 (61.7–108.2)	43.8 (35.3–52.2)	3.6

NOTE 1: Where the number of episodes < 5 details are not given for reasons of privacy and accuracy.

NOTE 2: Incomplete episodes are excluded from analysis

Length of stay and functional improvement of completed episodes of rehabilitation in New Zealand, by AN-SNAP class and age, AROC financial year 2011 (2/2)

AN-SNAP class	Aged under 65				Aged 65 and over				New Zealand National			
	No.	Length of stay	FIM change	FIM gain	No.	Length of stay	FIM change	FIM gain	No.	Length of stay	FIM change	FIM gain
		Mean (95%CI)	Mean (95%CI)	per week		Mean (95%CI)	Mean (95%CI)	per week		Mean (95%CI)	Mean (95%CI)	per week
S2-224	18	20.9 (15.3–26.6)	6.2 (4.5–7.8)	2.1	3	n.a.	n.a.	n.a.	21	22.3 (15.6–29.0)	6.1 (4.7–7.5)	1.9
S2-225	33	28.1 (22.3–33.9)	18.2 (14.0–22.3)	4.5	57	32.1 (24.9–39.3)	16.7 (13.2–20.2)	3.7	90	30.6 (25.6–35.7)	17.3 (14.6–19.9)	3.9
S2-226	14	15.4 (9.4–21.4)	9.3 (4.6–14.0)	4.2	83	18.6 (16.2–20.9)	15.2 (11.9–18.5)	5.7	97	18.1 (15.9–20.3)	14.4 (11.4–17.3)	5.5
S2-227	37	20.5 (15.6–25.4)	12.6 (10.1–15.1)	4.3	173	15.4 (13.9–16.9)	12.3 (11.1–13.5)	5.6	210	16.3 (14.7–17.8)	12.4 (11.3–13.5)	5.3
S2-228	18	21.8 (16.0–27.7)	20.5 (15.9–25.1)	6.6	141	18.6 (16.8–20.5)	19.9 (18.2–21.6)	7.5	159	19.0 (17.2–20.7)	20.0 (18.4–21.6)	7.4
S2-229	20	30.8 (22.8–38.8)	28.0 (23.2–32.8)	6.4	294	27.7 (25.9–29.5)	28.0 (26.3–29.7)	7.1	314	27.9 (26.1–29.7)	28.0 (26.4–29.6)	7.0
S2-230	3	n.a.	n.a.	n.a.	102	22.7 (20.0–25.3)	19.5 (16.1–22.9)	6.0	105	22.6 (20.0–25.2)	19.4 (16.0–22.7)	6.0
S2-231	2	n.a.	n.a.	n.a.	13	11.5 (4.7–18.4)	6.2 (0.7–11.8)	3.8	15	11.2 (5.2–17.2)	5.7 (0.9–10.6)	3.6
S2-232	3	n.a.	n.a.	n.a.	53	13.0 (11.0–15.0)	16.7 (14.4–19.0)	9.0	56	13.4 (11.5–15.4)	16.8 (14.6–19.0)	8.7
S2-233	5	15.0 (6.4–23.6)	24.2 (10.9–37.5)	11.3	24	19.1 (15.3–22.8)	25.4 (20.7–30.1)	9.3	29	18.4 (14.9–21.8)	25.2 (20.8–29.6)	9.6
S2-234	9	22.4 (4.2–40.7)	8.3 (3.8–12.9)	2.6	5	9.2 (6.5–11.9)	10.6 (6.3–14.9)	8.1	14	17.7 (5.7–29.7)	9.1 (5.9–12.4)	3.6
S2-235	3	n.a.	n.a.	n.a.	6	26.7 (5.3–48.0)	20.0 (13.5–26.5)	5.3	9	22.8 (8.5–37.1)	18.9 (14.5–23.3)	5.8
S2-236	5	51.8 (26.9–76.7)	24.6 (9.6–39.6)	3.3	10	27.9 (16.4–39.4)	19.9 (7.9–31.9)	5.0	15	35.9 (23.6–48.2)	21.5 (12.3–30.7)	4.2
S2-237	3	n.a.	n.a.	n.a.	42	20.7 (16.5–24.9)	17.7 (12.8–22.6)	6.0	45	20.1 (16.1–24.1)	17.2 (12.5–21.9)	6.0
S2-238	12	20.3 (12.0–28.5)	8.4 (5.7–11.2)	2.9	0	n.a.	n.a.	n.a.	12	20.3 (12.0–28.5)	8.4 (5.7–11.2)	2.9
S2-239	22	21.0 (16.1–26.0)	25.9 (21.7–30.1)	8.6	6	41.8 (0.0–85.6)	20.2 (9.0–31.3)	3.4	28	25.5 (15.5–35.5)	24.6 (20.6–28.7)	6.8
S2-240	8	30.4 (22.8–38.0)	44.1 (37.3–51.0)	10.2	5	22.8 (13.7–31.9)	28.4 (16.4–40.4)	8.7	13	27.5 (21.5–33.4)	38.1 (30.7–45.4)	9.7
S2-241	6	74.0 (32.9–115.1)	81.2 (73.0–89.3)	7.7	0	n.a.	n.a.	n.a.	6	74.0 (32.9–115.1)	81.2 (73.0–89.3)	7.7
S2-242	57	14.5 (12.3–16.7)	10.0 (8.0–12.0)	4.8	137	14.7 (12.6–16.8)	8.4 (7.1–9.6)	4.0	194	14.6 (13.0–16.2)	8.8 (7.8–9.9)	4.2
S2-243	31	22.8 (15.9–29.7)	19.2 (15.9–22.5)	5.9	169	19.7 (17.7–21.7)	14.2 (12.6–15.9)	5.1	200	20.2 (18.2–22.2)	15.0 (13.5–16.5)	5.2
S2-244	60	27.1 (22.5–31.6)	28.9 (24.3–33.5)	7.5	237	24.5 (22.5–26.5)	22.6 (20.6–24.6)	6.5	297	25.0 (23.1–26.9)	23.9 (22.0–25.7)	6.7
S2-245	12	55.1 (30.5–79.6)	28.1 (14.4–41.8)	3.6	50	31.3 (25.8–36.8)	21.0 (15.6–26.4)	4.7	62	35.9 (29.1–42.7)	22.4 (17.3–27.4)	4.4
Missing or excluded	124				234				358			
<b>All episodes</b>	<b>1,307</b>	<b>34.2 (32.1–36.2)</b>	<b>24.0 (22.9–25.2)</b>	<b>4.9</b>	<b>2,501</b>	<b>23.8 (23.0–24.5)</b>	<b>19.2 (18.6–19.9)</b>	<b>5.7</b>	<b>3,808</b>	<b>27.3 (26.5–28.2)</b>	<b>20.9 (20.3–21.5)</b>	<b>5.3</b>

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