

Length of stay and functional improvement of completed episodes of rehabilitation in New Zealand, by impairment and age, AROC calendar year 2010

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 (26.7–32.4)	24.6 (22.5–26.7)	5.8	379	24.1 (22.4–25.9)	22.0 (20.3–23.7)	6.4	691	26.6 (25.0–28.2)	23.2 (21.8–24.5)	6.1
Brain	174	36.5 (29.7–43.2)	26.0 (22.4–29.6)	5.0	44	20.6 (16.3–24.9)	24.8 (19.4–30.2)	8.4	218	33.3 (27.8–38.7)	25.8 (22.7–28.9)	5.4
Neurological	128	25.3 (20.9–29.7)	15.3 (12.3–18.2)	4.2	50	24.7 (17.9–31.5)	17.0 (13.1–20.9)	4.8	178	25.1 (21.4–28.8)	15.8 (13.4–18.1)	4.4
Spinal cord	116	64.6 (56.4–72.7)	33.0 (29.0–37.0)	3.6	31	78.5 (63.4–93.7)	32.4 (25.1–39.7)	2.9	147	67.5 (60.3–74.7)	32.9 (29.4–36.4)	3.4
Amputee	47	25.1 (20.6–29.5)	13.5 (10.1–16.8)	3.8	44	27.7 (22.1–33.4)	17.2 (13.0–21.4)	4.3	91	26.4 (22.8–29.9)	15.3 (12.6–17.9)	4.1
Arthritis	3	n.a.	n.a.	n.a.	8	16.5 (10.6–22.4)	19.1 (10.2–28.0)	8.1	11	25.5 (8.0–43.1)	18.5 (12.1–24.8)	5.1
Pain	12	18.1 (11.5–24.7)	7.6 (4.1–11.1)	2.9	73	17.4 (15.0–19.8)	14.5 (11.3–17.8)	5.9	85	17.5 (15.2–19.7)	13.6 (10.7–16.5)	5.4
Ortho - fractures	69	21.1 (17.4–24.9)	16.6 (13.8–19.4)	5.5	631	21.1 (20.1–22.2)	22.2 (21.0–23.4)	7.4	700	21.1 (20.1–22.2)	21.7 (20.6–22.8)	7.2
Ortho - replacements	5	17.0 (8.9–25.1)	26.0 (19.9–32.1)	10.7	62	15.1 (13.1–17.2)	17.5 (15.1–19.8)	8.1	67	15.3 (13.3–17.3)	18.1 (15.9–20.4)	8.3
Ortho - others	15	19.4 (11.0–27.8)	14.2 (7.7–20.7)	5.1	17	15.8 (9.8–21.8)	17.5 (12.2–22.9)	7.8	32	17.5 (12.5–22.5)	16.0 (11.8–20.1)	6.4
Cardiac	3	n.a.	n.a.	n.a.	41	20.2 (16.2–24.1)	15.6 (11.0–20.3)	5.4	44	19.8 (16.1–23.6)	15.3 (10.8–19.7)	5.4
Pulmonary	6	21.8 (10.0–33.6)	12.8 (7.1–18.6)	4.1	13	16.1 (12.3–19.9)	11.5 (6.6–16.5)	5.0	19	17.9 (13.4–22.4)	11.9 (8.2–15.7)	4.7
Burns	1	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	2	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.	21	19.3 (11.0–27.7)	12.9 (8.0–17.8)	4.7	91	19.8 (16.4–23.1)	10.4 (8.0–12.9)	3.7	112	19.7 (16.6–22.8)	10.9 (8.7–13.1)	3.9
Multiple trauma	40	52.1 (29.8–74.3)	34.3 (25.9–42.7)	4.6	4	n.a.	n.a.	n.a.	44	53.5 (32.6–74.5)	33.7 (25.8–41.6)	4.4
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	115	25.4 (21.5–29.2)	18.6 (15.7–21.5)	5.1	370	22.2 (20.6–23.8)	16.9 (15.4–18.5)	5.3	485	23.0 (21.4–24.5)	17.3 (16.0–18.7)	5.3
Missing or excluded	109				209				318			
All episodes	####	33.1 (30.9–35.2)	22.6 (21.4–23.8)	4.8	2,068	22.7 (21.9–23.6)	19.8 (19.1–20.5)	6.1	3,246	26.5 (25.5–27.5)	20.8 (20.2–21.5)	5.5

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 calendar year 2010 (1/2)

AN-SNAP class	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
S2-201	1 n.a.	n.a.	n.a.	0 n.a.	n.a.	n.a.	1 n.a.	n.a.	n.a.
S2-202	32 130.0 (101.9–158.0)	37.2 (24.7–49.8)	2.0	8 98.0 (72.3–123.7)	48.5 (25.0–72.0)	3.5	40 123.6 (100.3–146.8)	39.5 (28.4–50.5)	2.2
S2-203	15 75.3 (52.7–97.8)	29.5 (16.1–43.0)	2.7	27 34.3 (24.8–43.8)	19.7 (10.6–28.7)	4.0	42 49.0 (37.3–60.6)	23.2 (15.6–30.8)	3.3
S2-204	131 16.8 (14.7–19.0)	10.2 (8.8–11.5)	4.2	98 14.3 (12.4–16.1)	12.8 (11.3–14.3)	6.3	229 15.7 (14.3–17.2)	11.3 (10.3–12.3)	5.0
S2-205	15 22.1 (12.3–32.0)	25.3 (20.5–30.0)	8.0	15 15.7 (11.9–19.4)	15.7 (11.3–20.0)	7.0	30 18.9 (13.6–24.2)	20.5 (16.9–24.1)	7.6
S2-206	55 25.4 (21.4–29.5)	29.6 (26.8–32.3)	8.1	81 19.6 (16.8–22.3)	20.6 (17.8–23.3)	7.4	136 21.9 (19.6–24.3)	24.2 (22.1–26.3)	7.7
S2-207	2 n.a.	n.a.	n.a.	9 24.7 (20.1–29.2)	21.4 (12.7–30.2)	6.1	11 24.9 (19.5–30.3)	27.1 (16.8–37.4)	7.6
S2-208	0 n.a.	n.a.	n.a.	104 30.8 (27.4–34.2)	27.4 (23.5–31.3)	6.2	104 30.8 (27.4–34.2)	27.4 (23.5–31.3)	6.2
S2-209	96 44.5 (39.0–49.9)	39.8 (35.9–43.7)	6.3	57 33.0 (27.4–38.7)	31.7 (27.0–36.4)	6.7	153 40.2 (36.1–44.3)	36.8 (33.7–39.9)	6.4
S2-210	19 12.8 (9.8–15.7)	9.9 (6.1–13.7)	5.4	4 n.a.	n.a.	n.a.	23 12.7 (10.2–15.2)	10.9 (7.4–14.3)	6.0
S2-211	59 18.2 (13.5–22.9)	10.3 (7.8–12.8)	4.0	10 12.5 (9.6–15.4)	12.6 (9.0–16.2)	7.1	69 17.4 (13.3–21.5)	10.6 (8.4–12.9)	4.3
S2-212	14 36.4 (17.0–55.9)	17.9 (10.6–25.1)	3.4	5 19.0 (12.1–25.9)	19.0 (12.6–25.4)	7.0	19 31.8 (17.1–46.6)	18.2 (12.6–23.7)	4.0
S2-213	29 34.3 (24.7–43.9)	27.4 (23.5–31.4)	5.6	4 n.a.	n.a.	n.a.	33 33.7 (25.0–42.3)	26.0 (22.0–30.0)	5.4
S2-214	31 40.3 (30.0–50.6)	50.6 (44.0–57.2)	8.8	18 24.8 (16.7–32.8)	34.9 (27.2–42.6)	9.9	49 34.6 (27.2–42.0)	44.8 (39.4–50.2)	9.1
S2-215	14 74.8 (53.3–96.3)	52.9 (35.0–70.9)	5.0	2 n.a.	n.a.	n.a.	16 67.3 (46.0–88.6)	48.3 (31.5–65.1)	5.0
S2-216	66 15.8 (13.3–18.3)	7.3 (5.2–9.4)	3.2	13 12.5 (9.4–15.7)	9.5 (6.5–12.6)	5.3	79 15.3 (13.1–17.4)	7.6 (5.8–9.5)	3.5
S2-217	18 26.2 (17.2–35.2)	17.3 (11.3–23.2)	4.6	14 27.3 (8.2–46.4)	13.1 (9.5–16.7)	3.4	32 26.7 (17.1–36.3)	15.4 (11.7–19.2)	4.0
S2-218	37 37.1 (25.9–48.4)	26.9 (20.0–33.8)	5.1	23 30.0 (21.7–38.4)	23.6 (16.3–30.9)	5.5	60 34.4 (26.8–42.0)	25.6 (20.6–30.7)	5.2
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	3 n.a.	n.a.	n.a.	0 n.a.	n.a.	n.a.	3 n.a.	n.a.	n.a.
S2-221	42 32.4 (24.5–40.3)	20.9 (17.6–24.2)	4.5	7 51.1 (21.0–81.3)	24.1 (19.3–29.0)	3.3	49 35.1 (27.0–43.2)	21.4 (18.4–24.3)	4.3
S2-222	40 74.2 (62.4–86.0)	45.8 (40.0–51.6)	4.3	18 79.4 (60.4–98.4)	32.9 (24.4–41.5)	2.9	58 75.8 (65.8–85.8)	41.8 (36.8–46.8)	3.9
S2-223	17 89.5 (70.7–108.2)	50.8 (44.6–56.9)	4.0	0 n.a.	n.a.	n.a.	17 89.5 (70.7–108.2)	50.8 (44.6–56.9)	4.0

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 calendar year 2010 (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	19	17.6 (14.1–21.1)	5.9 (4.3–7.6)	2.4	4	n.a.	n.a.	n.a.	23	17.6 (14.4–20.8)	5.7 (4.3–7.1)	2.3
S2-225	28	30.1 (23.7–36.6)	18.6 (13.9–23.2)	4.3	40	28.7 (22.6–34.8)	18.5 (14.0–22.9)	4.5	68	29.3 (24.9–33.7)	18.5 (15.3–21.7)	4.4
S2-226	12	18.1 (11.5–24.7)	7.6 (4.1–11.1)	2.9	73	17.4 (15.0–19.8)	14.5 (11.3–17.8)	5.9	85	17.5 (15.2–19.7)	13.6 (10.7–16.5)	5.4
S2-227	41	19.4 (14.4–24.5)	11.5 (9.3–13.8)	4.2	145	14.1 (12.7–15.5)	12.3 (11.1–13.5)	6.1	186	15.3 (13.7–16.9)	12.1 (11.1–13.2)	5.6
S2-228	10	22.6 (14.7–30.5)	21.0 (15.1–26.9)	6.5	118	18.8 (16.8–20.7)	21.2 (19.6–22.9)	7.9	128	19.1 (17.2–21.0)	21.2 (19.6–22.8)	7.8
S2-229	14	26.0 (16.6–35.4)	28.7 (21.0–36.4)	7.7	276	25.6 (23.7–27.4)	28.9 (27.0–30.7)	7.9	290	25.6 (23.7–27.4)	28.9 (27.0–30.7)	7.9
S2-230	4	n.a.	n.a.	n.a.	84	22.0 (19.5–24.6)	19.4 (15.5–23.4)	6.2	88	21.9 (19.4–24.3)	19.3 (15.4–23.1)	6.2
S2-231	0	n.a.	n.a.	n.a.	10	9.4 (6.9–11.9)	8.2 (4.7–11.7)	6.1	10	9.4 (6.9–11.9)	8.2 (4.7–11.7)	6.1
S2-232	3	n.a.	n.a.	n.a.	31	13.0 (10.9–15.1)	16.9 (14.1–19.7)	9.1	34	13.9 (11.6–16.1)	17.4 (14.8–20.0)	8.8
S2-233	2	n.a.	n.a.	n.a.	21	21.0 (17.0–25.0)	22.7 (18.7–26.7)	7.6	23	19.9 (15.9–23.9)	23.5 (19.6–27.4)	8.3
S2-234	5	11.2 (7.8–14.6)	5.4 (0.3–10.5)	3.4	3	n.a.	n.a.	n.a.	8	10.0 (7.3–12.7)	6.0 (2.2–9.8)	4.2
S2-235	5	13.0 (8.2–17.8)	18.0 (14.2–21.8)	9.7	4	n.a.	n.a.	n.a.	9	13.0 (9.8–16.2)	18.0 (13.0–23.0)	9.7
S2-236	5	34.0 (14.1–53.9)	19.2 (2.1–36.3)	4.0	10	19.2 (9.7–28.7)	20.5 (13.6–27.4)	7.5	15	24.1 (14.7–33.6)	20.1 (13.1–27.0)	5.8
S2-237	3	n.a.	n.a.	n.a.	41	20.2 (16.2–24.1)	15.6 (11.0–20.3)	5.4	44	19.8 (16.1–23.6)	15.3 (10.8–19.7)	5.4
S2-238	14	12.6 (9.2–16.0)	10.4 (7.7–13.2)	5.8	0	n.a.	n.a.	n.a.	14	12.6 (9.2–16.0)	10.4 (7.7–13.2)	5.8
S2-239	11	30.0 (20.7–39.3)	25.4 (20.0–30.7)	5.9	4	n.a.	n.a.	n.a.	15	36.5 (18.7–54.3)	24.0 (18.4–29.6)	4.6
S2-240	6	29.7 (19.8–39.6)	49.7 (43.3–56.0)	11.7	0	n.a.	n.a.	n.a.	6	29.7 (19.8–39.6)	49.7 (43.3–56.0)	11.7
S2-241	4	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	4	n.a.	n.a.	n.a.
S2-242	56	14.9 (12.7–17.1)	9.5 (7.9–11.1)	4.5	121	16.1 (13.3–18.9)	6.5 (5.2–7.7)	2.8	177	15.7 (13.7–17.7)	7.4 (6.4–8.4)	3.3
S2-243	31	24.6 (19.1–30.2)	15.5 (12.0–19.0)	4.4	137	18.8 (16.4–21.1)	14.0 (12.1–15.8)	5.2	168	19.9 (17.7–22.0)	14.3 (12.6–15.9)	5.0
S2-244	50	31.7 (24.6–38.9)	25.6 (20.9–30.3)	5.6	174	24.9 (22.6–27.1)	20.8 (18.5–23.2)	5.9	224	26.4 (24.0–28.8)	21.9 (19.8–24.0)	5.8
S2-245	8	38.8 (16.7–60.8)	29.0 (10.0–48.0)	5.2	46	30.4 (26.2–34.6)	24.9 (18.7–31.2)	5.7	54	31.6 (26.9–36.4)	25.5 (19.6–31.5)	5.6
Missing or excluded	109				209				318			
All episodes	####	33.1 (30.9–35.2)	22.6 (21.4–23.8)	4.8	2,068	22.7 (21.9–23.6)	19.8 (19.1–20.5)	6.1	3,246	26.5 (25.5–27.5)	20.8 (20.2–21.5)	5.5

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