

Length of stay and functional improvement of completed episodes of rehabilitation in New Zealand, by impairment and age, AROC financial 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	276	30.7 (27.5–33.8)	25.3 (23.0–27.6)	5.8	322	21.0 (19.2–22.8)	21.9 (20.0–23.9)	7.3	598	25.5 (23.7–27.2)	23.5 (22.0–25.0)	6.5
Brain	141	34.3 (28.9–39.7)	26.0 (21.9–30.2)	5.3	35	25.5 (19.2–31.8)	22.3 (17.6–27.0)	6.1	176	32.6 (28.0–37.1)	25.3 (21.9–28.7)	5.4
Neurological	92	26.8 (21.3–32.3)	14.3 (11.0–17.7)	3.7	47	24.7 (18.1–31.4)	16.1 (11.1–21.2)	4.6	139	26.1 (21.8–30.4)	14.9 (12.2–17.7)	4.0
Spinal cord	118	70.2 (60.9–79.5)	33.2 (29.5–37.0)	3.3	28	71.2 (54.2–88.1)	27.3 (20.8–33.8)	2.7	146	70.4 (62.2–78.5)	32.1 (28.8–35.4)	3.2
Amputee	36	25.6 (20.5–30.6)	10.9 (8.1–13.7)	3.0	29	32.9 (24.7–41.2)	19.2 (13.8–24.5)	4.1	65	28.8 (24.2–33.5)	14.6 (11.6–17.6)	3.5
Arthritis	5	43.6 (8.4–78.8)	20.4 (13.2–27.6)	3.3	8	8.5 (6.2–10.8)	11.4 (5.5–17.2)	9.4	13	22.0 (6.1–37.9)	14.8 (9.8–19.9)	4.7
Pain	5	24.4 (5.9–42.9)	12.6 (4.0–21.2)	3.6	48	17.7 (14.6–20.7)	14.7 (11.5–17.9)	5.8	53	18.3 (15.1–21.5)	14.5 (11.5–17.5)	5.5
Ortho - fractures	59	23.1 (17.1–29.0)	16.4 (13.0–19.8)	5.0	531	20.9 (19.7–22.1)	20.8 (19.5–22.1)	7.0	590	21.1 (19.9–22.3)	20.4 (19.2–21.6)	6.8
Ortho - replacements	5	16.8 (11.7–21.9)	13.8 (4.7–22.9)	5.8	47	14.9 (12.7–17.1)	17.4 (14.6–20.2)	8.2	52	15.1 (13.0–17.1)	17.1 (14.4–19.7)	7.9
Ortho - others	11	17.4 (11.2–23.6)	16.6 (7.5–25.8)	6.7	22	17.8 (14.5–21.1)	16.9 (11.8–22.0)	6.6	33	17.7 (14.7–20.6)	16.8 (12.4–21.3)	6.7
Cardiac	2	n.a.	n.a.	n.a.	34	21.6 (17.7–25.5)	13.7 (9.5–17.8)	4.4	36	21.3 (17.5–25.1)	13.5 (9.5–17.5)	4.4
Pulmonary	5	11.4 (8.9–13.9)	15.8 (5.1–26.5)	9.7	6	21.3 (15.2–27.5)	15.3 (-1.9–32.6)	5.0	11	16.8 (12.3–21.4)	15.5 (5.5–25.6)	6.5
Burns	0	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
Congenital deformity	1	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.
Other disabling imp.	24	20.5 (12.5–28.5)	14.8 (9.0–20.6)	5.1	103	20.3 (16.8–23.8)	9.0 (6.8–11.1)	3.1	127	20.3 (17.2–23.5)	10.1 (8.0–12.2)	3.5
Multiple trauma	48	35.8 (26.3–45.2)	30.0 (23.7–36.4)	5.9	4	n.a.	n.a.	n.a.	52	38.0 (28.4–47.6)	30.4 (24.5–36.3)	5.6
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	84	28.2 (23.7–32.8)	17.4 (13.9–20.9)	4.3	284	20.5 (19.1–22.0)	16.5 (14.8–18.2)	5.6	368	22.3 (20.7–23.8)	16.7 (15.2–18.2)	5.2
Missing or excluded	110				273				383			
<b>All episodes</b>	<b>1,022</b>	<b>34.7 (32.5–36.9)</b>	<b>23.1 (21.8–24.4)</b>	<b>4.7</b>	<b>1,821</b>	<b>21.9 (21.0–22.8)</b>	<b>18.9 (18.1–19.7)</b>	<b>6.0</b>	<b>2,843</b>	<b>26.6 (25.6–27.7)</b>	<b>20.4 (19.8–21.1)</b>	<b>5.4</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 2010 (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	4	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	4	n.a.	n.a.	n.a.
S2-202	33	112.3 (91.5–133.1)	36.5 (23.7–49.3)	2.3	4	n.a.	n.a.	n.a.	37	114.6 (95.4–133.7)	32.9 (21.0–44.8)	2.0
S2-203	13	62.6 (36.5–88.8)	33.8 (19.2–48.4)	3.8	19	24.2 (17.6–30.8)	26.3 (12.6–40.0)	7.6	32	39.8 (26.9–52.7)	29.3 (19.3–39.3)	5.2
S2-204	116	15.7 (13.5–17.9)	11.2 (9.7–12.7)	5.0	96	10.3 (8.5–12.2)	11.1 (9.6–12.5)	7.5	212	13.3 (11.8–14.8)	11.1 (10.1–12.2)	5.9
S2-205	14	28.4 (17.6–39.1)	18.9 (13.5–24.4)	4.7	8	9.5 (6.9–12.1)	14.0 (7.3–20.7)	10.3	22	21.5 (13.7–29.3)	17.1 (12.9–21.4)	5.6
S2-206	45	27.4 (22.5–32.3)	30.9 (27.9–33.9)	7.9	73	18.4 (15.8–20.9)	21.4 (18.6–24.3)	8.2	118	21.8 (19.3–24.4)	25.0 (22.8–27.3)	8.0
S2-207	2	n.a.	n.a.	n.a.	6	24.0 (18.6–29.4)	14.0 (-0.4–28.4)	4.1	8	32.3 (20.2–44.3)	21.8 (7.3–36.2)	4.7
S2-208	0	n.a.	n.a.	n.a.	83	28.2 (25.0–31.3)	27.7 (23.4–32.0)	6.9	83	28.2 (25.0–31.3)	27.7 (23.4–32.0)	6.9
S2-209	87	48.1 (42.2–54.0)	40.3 (36.2–44.5)	5.9	47	33.7 (27.0–40.4)	33.7 (27.6–39.8)	7.0	134	43.0 (38.4–47.7)	38.0 (34.5–41.5)	6.2
S2-210	15	13.3 (10.6–16.0)	9.1 (5.1–13.1)	4.8	2	n.a.	n.a.	n.a.	17	12.9 (10.4–15.3)	10.2 (6.2–14.2)	5.5
S2-211	49	18.7 (13.8–23.6)	10.7 (8.1–13.3)	4.0	11	18.6 (12.2–25.1)	15.4 (11.0–19.8)	5.8	60	18.7 (14.5–22.8)	11.5 (9.2–13.9)	4.3
S2-212	9	24.1 (12.8–35.4)	18.1 (10.3–25.9)	5.3	3	n.a.	n.a.	n.a.	12	23.1 (13.9–32.3)	19.8 (12.7–26.8)	6.0
S2-213	28	35.7 (27.9–43.5)	26.3 (20.7–31.8)	5.1	5	34.4 (23.0–45.8)	21.2 (10.5–31.9)	4.3	33	35.5 (28.7–42.3)	25.5 (20.5–30.5)	5.0
S2-214	24	47.0 (32.2–61.7)	43.7 (35.9–51.4)	6.5	9	28.4 (15.2–41.7)	35.3 (24.4–46.3)	8.7	33	41.9 (30.4–53.5)	41.4 (35.0–47.8)	6.9
S2-215	7	74.0 (53.0–95.0)	56.1 (31.8–80.5)	5.3	5	36.2 (7.3–65.1)	15.4 (5.3–25.5)	3.0	12	58.3 (38.6–77.9)	39.2 (20.6–57.7)	4.7
S2-216	48	16.2 (13.0–19.4)	7.2 (5.7–8.8)	3.1	11	12.3 (9.5–15.1)	9.1 (5.1–13.1)	5.2	59	15.5 (12.8–18.1)	7.6 (6.1–9.0)	3.4
S2-217	11	24.4 (15.2–33.5)	14.5 (6.9–22.0)	4.2	11	34.0 (10.5–57.5)	7.1 (0.7–13.5)	1.5	22	29.2 (16.7–41.7)	10.8 (5.7–15.9)	2.6
S2-218	26	39.9 (26.4–53.4)	27.0 (18.7–35.3)	4.7	24	26.0 (19.5–32.4)	24.0 (15.8–32.3)	6.5	50	33.2 (25.4–41.0)	25.6 (19.8–31.4)	5.4
S2-219	2	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	3	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	36	28.7 (22.1–35.3)	21.1 (17.1–25.0)	5.1	9	41.3 (23.9–58.8)	22.3 (16.8–27.9)	3.8	45	31.2 (24.8–37.7)	21.3 (18.0–24.6)	4.8
S2-222	40	81.1 (69.6–92.6)	41.7 (36.6–46.9)	3.6	15	72.5 (53.2–91.9)	36.7 (28.3–45.1)	3.5	55	78.7 (68.9–88.6)	40.3 (36.0–44.7)	3.6
S2-223	21	74.8 (59.9–89.8)	55.2 (51.2–59.2)	5.2	0	n.a.	n.a.	n.a.	21	74.8 (59.9–89.8)	55.2 (51.2–59.2)	5.2

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 2010 (2/2)

AN-SNAP class	Aged under 65				Aged 65 and over				New Zealand National			
	No.	Length of stay	FIM change	FIM gain per week	No.	Length of stay	FIM change	FIM gain per week	No.	Length of stay	FIM change	FIM gain per week
		Mean (95%CI)	Mean (95%CI)			Mean (95%CI)	Mean (95%CI)			Mean (95%CI)		
S2-224	13	17.2 (13.8–20.5)	7.1 (5.4–8.7)	2.9	3	n.a.	n.a.	n.a.	16	17.8 (14.6–20.9)	6.6 (5.0–8.2)	2.6
S2-225	23	30.3 (23.3–37.3)	13.1 (9.0–17.2)	3.0	26	34.4 (25.4–43.4)	20.8 (15.3–26.4)	4.2	49	32.5 (26.7–38.2)	17.2 (13.5–20.9)	3.7
S2-226	5	24.4 (5.9–42.9)	12.6 (4.0–21.2)	3.6	48	17.7 (14.6–20.7)	14.7 (11.5–17.9)	5.8	53	18.3 (15.1–21.5)	14.5 (11.5–17.5)	5.5
S2-227	36	16.9 (11.8–22.1)	9.8 (7.4–12.1)	4.0	147	13.5 (12.4–14.7)	12.5 (11.3–13.6)	6.4	183	14.2 (12.8–15.6)	11.9 (10.9–13.0)	5.9
S2-228	7	25.3 (11.8–38.8)	22.9 (15.5–30.2)	6.3	101	20.3 (18.0–22.5)	20.6 (18.9–22.3)	7.1	108	20.6 (18.4–22.8)	20.8 (19.1–22.4)	7.1
S2-229	12	29.7 (16.3–43.0)	33.3 (25.0–41.7)	7.9	214	26.1 (23.9–28.2)	27.8 (25.6–30.0)	7.5	226	26.3 (24.1–28.4)	28.1 (26.0–30.2)	7.5
S2-230	3	n.a.	n.a.	n.a.	61	21.9 (18.5–25.4)	18.3 (13.3–23.3)	5.8	64	22.3 (18.8–25.7)	18.2 (13.4–23.0)	5.7
S2-231	2	n.a.	n.a.	n.a.	7	12.3 (7.9–16.7)	5.1 (3.1–7.2)	2.9	9	12.1 (8.7–15.5)	4.9 (3.2–6.5)	2.8
S2-232	3	n.a.	n.a.	n.a.	28	12.8 (10.8–14.7)	17.3 (14.4–20.1)	9.5	31	13.5 (11.5–15.5)	17.5 (14.9–20.2)	9.1
S2-233	0	n.a.	n.a.	n.a.	11	20.5 (14.8–26.1)	24.0 (18.4–29.6)	8.2	11	20.5 (14.8–26.1)	24.0 (18.4–29.6)	8.2
S2-234	4	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	5	12.8 (6.7–18.9)	3.2 (0.2–6.2)	1.8
S2-235	3	n.a.	n.a.	n.a.	9	14.2 (10.5–17.9)	13.8 (9.3–18.3)	6.8	12	13.7 (10.4–16.9)	15.3 (11.4–19.1)	7.8
S2-236	4	n.a.	n.a.	n.a.	12	21.6 (17.4–25.8)	20.7 (12.7–28.6)	6.7	16	22.2 (17.8–26.6)	22.3 (14.8–29.7)	7.0
S2-237	2	n.a.	n.a.	n.a.	34	21.6 (17.7–25.5)	13.7 (9.5–17.8)	4.4	36	21.3 (17.5–25.1)	13.5 (9.5–17.5)	4.4
S2-238	16	11.8 (9.7–13.8)	10.4 (7.7–13.2)	6.2	0	n.a.	n.a.	n.a.	16	11.8 (9.7–13.8)	10.4 (7.7–13.2)	6.2
S2-239	16	30.5 (22.7–38.3)	25.4 (21.2–29.7)	5.8	1	n.a.	n.a.	n.a.	17	29.1 (21.3–37.0)	25.2 (21.2–29.2)	6.1
S2-240	9	56.3 (34.5–78.1)	48.9 (41.2–56.6)	6.1	2	n.a.	n.a.	n.a.	11	61.5 (39.2–83.7)	46.8 (40.0–53.6)	5.3
S2-241	4	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	5	48.6 (23.1–74.1)	52.4 (29.5–75.3)	7.5
S2-242	51	17.6 (14.8–20.4)	8.9 (7.0–10.7)	3.5	109	16.7 (13.8–19.7)	6.5 (5.1–8.0)	2.7	160	17.0 (14.8–19.2)	7.3 (6.1–8.4)	3.0
S2-243	25	23.4 (17.3–29.6)	17.7 (13.6–21.7)	5.3	116	17.1 (15.3–18.9)	14.3 (12.8–15.8)	5.9	141	18.2 (16.4–20.1)	14.9 (13.5–16.4)	5.7
S2-244	31	35.9 (26.2–45.5)	28.3 (22.0–34.6)	5.5	142	23.4 (21.1–25.6)	17.4 (15.1–19.8)	5.2	173	25.6 (23.0–28.2)	19.4 (17.1–21.7)	5.3
S2-245	10	40.2 (23.1–57.3)	20.5 (4.8–36.2)	3.6	33	30.0 (25.3–34.8)	27.4 (18.6–36.2)	6.4	43	32.4 (27.0–37.8)	25.8 (18.1–33.4)	5.6
Missing or excluded	110				273				383			
<b>All episodes</b>	<b>1,022</b>	<b>34.7 (32.5–36.9)</b>	<b>23.1 (21.8–24.4)</b>	<b>4.7</b>	<b>1,821</b>	<b>21.9 (21.0–22.8)</b>	<b>18.9 (18.1–19.7)</b>	<b>6.0</b>	<b>2,843</b>	<b>26.6 (25.6–27.7)</b>	<b>20.4 (19.8–21.1)</b>	<b>5.4</b>

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