

Length of stay and functional improvement of completed episodes of rehabilitation in New Zealand, by impairment and age, AROC financial year 2012

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	338	29.5 (27.0–31.9)	25.7 (23.6–27.9)	6.1	719	25.0 (23.7–26.3)	21.2 (20.0–22.5)	6.0	1,057	26.4 (25.3–27.6)	22.7 (21.6–23.8)	6.0
Brain	235	32.0 (28.0–35.9)	27.7 (24.5–30.8)	6.1	84	25.6 (21.8–29.4)	23.8 (19.2–28.3)	6.5	319	30.3 (27.2–33.4)	26.6 (24.0–29.2)	6.1
Neurological	130	22.6 (19.3–25.9)	16.8 (13.9–19.8)	5.2	103	19.1 (16.4–21.9)	14.9 (11.8–18.0)	5.4	233	21.1 (18.9–23.3)	16.0 (13.8–18.1)	5.3
Spinal cord	108	63.2 (52.9–73.4)	29.2 (25.3–33.2)	3.2	37	56.8 (41.2–72.3)	22.2 (17.8–26.7)	2.7	145	61.5 (52.9–70.1)	27.4 (24.2–30.6)	3.1
Amputee	48	27.9 (22.2–33.6)	14.1 (10.7–17.4)	3.5	81	28.8 (24.9–32.7)	17.0 (13.7–20.4)	4.1	129	28.5 (25.2–31.7)	15.9 (13.5–18.4)	3.9
Arthritis	3	n.a.	n.a.	n.a.	16	16.9 (13.3–20.4)	17.7 (9.7–25.7)	7.3	19	21.9 (12.4–31.5)	18.6 (11.8–25.5)	5.9
Pain	9	22.0 (9.8–34.2)	11.4 (4.7–18.2)	3.6	153	15.1 (13.5–16.7)	14.9 (12.9–16.9)	6.9	162	15.5 (13.8–17.1)	14.7 (12.7–16.7)	6.7
Ortho - fractures	75	17.8 (14.6–21.0)	19.9 (16.8–23.0)	7.8	1,087	20.3 (19.5–21.1)	20.1 (19.3–21.0)	6.9	1,162	20.2 (19.4–20.9)	20.1 (19.3–20.9)	7.0
Ortho - replacements	14	18.6 (6.6–30.7)	18.0 (10.6–25.4)	6.8	142	15.3 (13.3–17.3)	18.5 (16.5–20.5)	8.5	156	15.6 (13.5–17.7)	18.5 (16.6–20.4)	8.3
Ortho - others	26	19.9 (14.0–25.9)	20.3 (15.4–25.3)	7.1	47	17.8 (14.8–20.8)	17.6 (13.9–21.3)	6.9	73	18.6 (15.7–21.4)	18.6 (15.6–21.6)	7.0
Cardiac	5	16.0 (7.7–24.3)	14.0 (5.2–22.8)	6.1	75	14.3 (12.5–16.1)	13.4 (10.4–16.5)	6.6	80	14.4 (12.6–16.2)	13.5 (10.6–16.4)	6.5
Pulmonary	2	n.a.	n.a.	n.a.	40	16.6 (12.7–20.6)	15.3 (9.7–20.8)	6.4	42	16.2 (12.4–20.0)	14.7 (9.4–20.1)	6.4
Burns	0	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.
Congenital deformity	4	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.	6	32.7 (20.8–44.5)	12.5 (-0.2–25.2)	2.7
Other disabling imp.	12	17.4 (13.1–21.7)	13.5 (8.6–18.4)	5.4	127	14.9 (13.4–16.3)	13.8 (11.6–16.0)	6.5	139	15.1 (13.7–16.4)	13.8 (11.7–15.8)	6.4
Multiple trauma	35	37.4 (27.2–47.6)	31.6 (23.7–39.5)	5.9	17	31.6 (19.6–43.6)	32.8 (20.9–44.7)	7.3	52	35.5 (27.7–43.3)	32.0 (25.5–38.5)	6.3
Developmental disabilities	1	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.
Re-conditioning	166	25.6 (22.7–28.6)	18.9 (16.4–21.4)	5.2	1,032	18.0 (17.2–18.7)	15.7 (14.9–16.6)	6.1	1,198	19.0 (18.2–19.8)	16.2 (15.3–17.0)	5.9
Missing or excluded	105				326				431			
<b>All episodes</b>	<b>1,316</b>	<b>30.6 (28.9–32.3)</b>	<b>23.3 (22.2–24.4)</b>	<b>5.3</b>	<b>4,089</b>	<b>20.5 (20.0–21.0)</b>	<b>18.4 (17.9–18.9)</b>	<b>6.3</b>	<b>5,405</b>	<b>22.9 (22.4–23.5)</b>	<b>19.6 (19.1–20.0)</b>	<b>6.0</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 2012 (1/2)

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)		
3-201	3	n.a.	n.a.	n.a.	25	14.8 (9.9–19.8)	6.6 (2.8–10.3)	3.1	28	15.0 (10.4–19.7)	6.4 (3.0–9.8)	3.0
3-202	34	105.0 (87.0–123.0)	44.2 (32.3–56.1)	2.9	10	51.5 (21.4–81.6)	31.4 (9.9–52.9)	4.3	44	92.8 (76.1–109.6)	41.3 (30.8–51.7)	3.1
3-203	20	61.6 (48.8–74.4)	28.9 (17.4–40.3)	3.3	52	28.7 (23.9–33.5)	19.0 (12.9–25.1)	4.6	72	37.8 (31.8–43.9)	21.7 (16.3–27.2)	4.0
3-204	139	15.2 (13.5–16.9)	11.6 (10.1–13.0)	5.3	169	14.0 (12.6–15.5)	10.8 (9.2–12.4)	5.4	308	14.5 (13.4–15.7)	11.1 (10.1–12.2)	5.4
3-205	18	22.8 (18.2–27.3)	20.5 (15.2–25.8)	6.3	32	21.1 (17.1–25.2)	16.6 (12.7–20.6)	5.5	50	21.7 (18.7–24.8)	18.0 (14.8–21.2)	5.8
3-206	49	24.7 (20.9–28.6)	24.1 (20.8–27.3)	6.8	135	19.8 (17.9–21.7)	21.2 (19.2–23.3)	7.5	184	21.1 (19.3–22.8)	22.0 (20.2–23.7)	7.3
3-207	4	n.a.	n.a.	n.a.	20	23.4 (18.6–28.2)	18.6 (11.3–25.9)	5.6	24	21.3 (16.8–25.9)	22.3 (14.9–29.6)	7.3
3-208	0	n.a.	n.a.	n.a.	239	30.9 (28.6–33.2)	25.4 (23.1–27.7)	5.8	239	30.9 (28.6–33.2)	25.4 (23.1–27.7)	5.8
3-209	113	47.2 (42.9–51.6)	43.8 (40.4–47.2)	6.5	90	37.5 (33.2–41.8)	33.5 (29.2–37.7)	6.3	203	42.9 (39.8–46.1)	39.2 (36.5–42.0)	6.4
3-210	17	12.9 (8.5–17.4)	5.0 (2.6–7.4)	2.7	8	11.1 (7.4–14.9)	5.1 (0.3–10.0)	3.2	25	12.4 (9.2–15.6)	5.0 (2.8–7.2)	2.9
3-211	72	18.3 (14.8–21.7)	14.0 (11.9–16.1)	5.4	11	18.3 (11.2–25.3)	15.2 (11.0–19.4)	5.8	83	18.3 (15.2–21.4)	14.1 (12.2–16.1)	5.4
3-212	39	22.1 (16.9–27.2)	19.5 (16.4–22.6)	6.2	6	31.0 (14.4–47.6)	12.2 (5.1–19.2)	2.7	45	23.2 (18.3–28.2)	18.5 (15.6–21.4)	5.6
3-213	35	29.0 (22.2–35.8)	22.4 (17.7–27.2)	5.4	6	24.8 (13.0–36.6)	20.3 (10.0–30.7)	5.7	41	28.4 (22.3–34.4)	22.1 (17.8–26.4)	5.5
3-214	48	44.4 (35.6–53.1)	50.8 (45.3–56.3)	8.0	43	27.1 (22.1–32.1)	27.8 (21.9–33.7)	7.2	91	36.2 (30.7–41.7)	39.9 (35.3–44.6)	7.7
3-215	12	62.2 (40.3–84.0)	46.4 (27.4–65.4)	5.2	7	36.4 (14.7–58.1)	41.0 (14.7–67.3)	7.9	19	52.7 (36.1–69.3)	44.4 (29.4–59.4)	5.9
3-216	58	14.2 (11.2–17.3)	10.2 (8.3–12.1)	5.0	32	16.6 (12.7–20.5)	5.7 (1.4–9.9)	2.4	90	15.1 (12.6–17.5)	8.6 (6.6–10.6)	4.0
3-217	21	23.0 (17.0–29.1)	17.0 (12.1–22.0)	5.2	22	13.5 (10.4–16.6)	16.9 (12.4–21.3)	8.7	43	18.2 (14.6–21.8)	17.0 (13.7–20.2)	6.5
3-218	45	28.1 (22.5–33.7)	22.2 (16.0–28.4)	5.5	44	23.0 (18.0–28.0)	20.4 (15.2–25.5)	6.2	89	25.6 (21.8–29.4)	21.3 (17.3–25.3)	5.8
3-219	1	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.
3-220	4	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	4	n.a.	n.a.	n.a.
3-221	35	21.3 (16.5–26.1)	17.9 (14.7–21.1)	5.9	11	18.0 (11.8–24.2)	20.3 (16.4–24.1)	7.9	46	20.5 (16.6–24.4)	18.5 (15.9–21.1)	6.3
3-222	38	79.9 (63.9–95.8)	33.9 (27.5–40.4)	3.0	23	70.9 (52.1–89.8)	23.5 (17.0–30.0)	2.3	61	76.5 (64.3–88.6)	30.0 (25.2–34.8)	2.7
3-223	15	69.2 (47.8–90.6)	54.0 (48.6–59.4)	5.5	0	n.a.	n.a.	n.a.	15	69.2 (47.8–90.6)	54.0 (48.6–59.4)	5.5

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

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Length of stay and functional improvement of completed episodes of rehabilitation in New Zealand, by AN-SNAP class and age, AROC financial year 2012 (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
3-224	17	19.3 (14.9–23.7)	6.2 (4.3–8.2)	2.3	8	19.3 (12.1–26.4)	0.8 (-1.2–2.7)	0.3	25	19.3 (15.6–23.0)	4.5 (2.7–6.3)	1.6
3-225	31	32.6 (24.5–40.8)	18.4 (13.9–22.8)	3.9	73	29.8 (25.6–34.0)	18.8 (15.3–22.3)	4.4	104	30.7 (26.9–34.5)	18.7 (15.9–21.4)	4.3
3-226	9	22.0 (9.8–34.2)	11.4 (4.7–18.2)	3.6	150	15.1 (13.5–16.7)	15.1 (13.0–17.2)	7.0	159	15.5 (13.8–17.2)	14.9 (12.9–16.9)	6.7
3-227	32	12.9 (10.0–15.8)	12.3 (10.0–14.6)	6.7	251	13.3 (12.3–14.3)	12.5 (11.5–13.4)	6.6	283	13.3 (12.3–14.2)	12.5 (11.6–13.3)	6.6
3-228	13	20.6 (13.1–28.2)	23.5 (15.2–31.9)	8.0	234	18.6 (17.2–19.9)	18.7 (17.6–19.8)	7.1	247	18.7 (17.3–20.0)	19.0 (17.8–20.1)	7.1
3-229	27	23.2 (16.5–29.9)	28.3 (23.2–33.5)	8.5	453	24.6 (23.2–26.0)	25.7 (24.2–27.1)	7.3	480	24.5 (23.2–25.9)	25.8 (24.4–27.2)	7.4
3-230	2	n.a.	n.a.	n.a.	136	22.0 (19.7–24.2)	18.7 (15.8–21.6)	5.9	138	21.8 (19.5–24.1)	18.6 (15.7–21.5)	6.0
3-231	3	n.a.	n.a.	n.a.	24	10.0 (7.0–13.0)	4.9 (3.4–6.4)	3.5	27	10.0 (7.3–12.8)	4.7 (3.3–6.1)	3.3
3-232	7	10.3 (6.2–14.4)	19.3 (10.3–28.3)	13.1	68	12.5 (10.2–14.8)	15.7 (14.0–17.4)	8.8	75	12.3 (10.2–14.4)	16.0 (14.3–17.8)	9.1
3-233	3	n.a.	n.a.	n.a.	49	21.9 (17.8–25.9)	28.9 (25.6–32.2)	9.3	52	21.8 (18.0–25.7)	28.5 (25.3–31.7)	9.1
3-234	6	13.3 (1.8–24.9)	9.0 (4.1–13.9)	4.7	9	11.3 (8.5–14.2)	8.9 (4.4–13.4)	5.5	15	12.1 (7.4–16.8)	8.9 (5.7–12.2)	5.2
3-235	8	19.6 (12.9–26.4)	21.4 (15.4–27.3)	7.6	11	15.1 (8.0–22.2)	16.5 (13.5–19.6)	7.7	19	17.0 (12.0–22.0)	18.6 (15.4–21.7)	7.7
3-236	11	18.7 (12.9–24.5)	27.3 (19.2–35.3)	10.2	27	21.1 (17.1–25.0)	21.0 (15.2–26.8)	7.0	38	20.4 (17.1–23.6)	22.8 (18.1–27.6)	7.8
3-237	5	16.0 (7.7–24.3)	14.0 (5.2–22.8)	6.1	75	14.3 (12.5–16.1)	13.4 (10.4–16.5)	6.6	80	14.4 (12.6–16.2)	13.5 (10.6–16.4)	6.5
3-238	8	25.3 (8.8–41.7)	3.4 (-4.8–11.6)	0.9	1	n.a.	n.a.	n.a.	9	24.3 (9.7–39.0)	4.7 (-3.0–12.3)	1.3
3-239	13	22.5 (15.1–29.8)	26.7 (20.6–32.8)	8.3	10	19.4 (9.3–29.5)	17.5 (9.1–25.9)	6.3	23	21.1 (15.2–27.1)	22.7 (17.4–28.0)	7.5
3-240	11	48.1 (31.3–64.8)	52.4 (46.2–58.5)	7.6	5	48.4 (25.7–71.1)	43.6 (27.7–59.5)	6.3	16	48.2 (35.1–61.3)	49.6 (43.1–56.1)	7.2
3-241	2	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	3	n.a.	n.a.	n.a.
3-242	63	16.4 (13.5–19.3)	9.4 (7.8–11.0)	4.0	301	12.0 (11.2–12.9)	7.9 (7.2–8.6)	4.6	364	12.8 (11.9–13.6)	8.1 (7.5–8.8)	4.5
3-243	40	22.1 (18.0–26.2)	17.1 (14.3–20.0)	5.4	360	15.9 (14.9–17.0)	14.6 (13.5–15.8)	6.4	400	16.6 (15.5–17.6)	14.9 (13.8–16.0)	6.3
3-244	63	29.6 (24.9–34.3)	26.9 (22.5–31.3)	6.4	440	20.6 (19.4–21.9)	20.7 (19.2–22.1)	7.0	503	21.8 (20.5–23.0)	21.4 (20.0–22.8)	6.9
3-245	17	43.5 (32.2–54.9)	20.4 (10.1–30.7)	3.3	91	27.2 (23.5–30.9)	20.7 (16.1–25.2)	5.3	108	29.8 (26.1–33.5)	20.6 (16.5–24.8)	4.8
Missing or excluded	105				326				431			
<b>All episodes</b>	<b>1,316</b>	<b>30.6 (28.9–32.3)</b>	<b>23.3 (22.2–24.4)</b>	<b>5.3</b>	<b>4,089</b>	<b>20.5 (20.0–21.0)</b>	<b>18.4 (17.9–18.9)</b>	<b>6.3</b>	<b>5,405</b>	<b>22.9 (22.4–23.5)</b>	<b>19.6 (19.1–20.0)</b>	<b>6.0</b>

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NOTE 2: Incomplete episodes are excluded from analysis