

Length of stay and functional improvement of completed episodes of rehabilitation in New Zealand, by impairment and age, AROC calendar 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	290	28.6 (26.1–31.1)	25.2 (22.9–27.5)	6.2	591	26.4 (24.9–27.9)	20.8 (19.4–22.3)	5.5	881	27.1 (25.8–28.4)	22.3 (21.1–23.5)	5.7
Brain	225	28.8 (25.3–32.2)	27.2 (24.3–30.2)	6.6	75	26.3 (21.9–30.8)	20.8 (17.0–24.7)	5.5	300	28.2 (25.3–31.0)	25.6 (23.2–28.1)	6.4
Neurological	128	25.2 (20.9–29.4)	16.8 (14.0–19.6)	4.7	91	21.3 (18.0–24.5)	14.7 (11.9–17.4)	4.8	219	23.6 (20.7–26.4)	15.9 (13.9–17.9)	4.7
Spinal cord	120	69.8 (60.4–79.3)	28.5 (25.0–31.9)	2.9	34	57.9 (42.1–73.8)	23.5 (18.6–28.4)	2.8	154	67.2 (59.1–75.4)	27.4 (24.4–30.3)	2.9
Amputee	51	27.4 (22.6–32.3)	13.8 (10.9–16.7)	3.5	86	32.3 (26.8–37.8)	17.9 (14.5–21.2)	3.9	137	30.5 (26.6–34.4)	16.4 (14.0–18.8)	3.8
Arthritis	1	n.a.	n.a.	n.a.	15	16.8 (11.8–21.8)	16.3 (8.3–24.2)	6.8	16	17.6 (12.6–22.5)	16.3 (8.8–23.7)	6.5
Pain	8	22.8 (8.0–37.5)	12.6 (5.7–19.5)	3.9	127	16.4 (14.6–18.1)	17.0 (14.7–19.4)	7.3	135	16.7 (14.9–18.6)	16.8 (14.5–19.0)	7.0
Ortho - fractures	84	20.4 (17.4–23.5)	19.9 (17.2–22.6)	6.8	899	21.5 (20.5–22.4)	20.8 (19.9–21.7)	6.8	983	21.4 (20.5–22.3)	20.7 (19.8–21.6)	6.8
Ortho - replacements	16	18.8 (8.3–29.4)	16.3 (9.1–23.5)	6.1	144	14.7 (13.0–16.3)	19.0 (16.9–21.1)	9.1	160	15.1 (13.3–16.9)	18.7 (16.7–20.7)	8.7
Ortho - others	21	25.8 (16.1–35.5)	18.6 (13.6–23.7)	5.0	33	20.2 (15.1–25.3)	16.8 (11.6–22.0)	5.8	54	22.4 (17.5–27.3)	17.5 (13.8–21.2)	5.5
Cardiac	3	n.a.	n.a.	n.a.	50	15.0 (12.9–17.2)	14.5 (10.6–18.4)	6.8	53	15.0 (12.9–17.1)	14.3 (10.5–18.0)	6.6
Pulmonary	5	21.8 (5.1–38.5)	16.0 (4.5–27.5)	5.1	27	15.4 (12.2–18.6)	16.2 (9.1–23.2)	7.4	32	16.4 (12.7–20.1)	16.2 (10.0–22.3)	6.9
Burns	1	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.
Congenital deformity	2	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	3	n.a.	n.a.	n.a.
Other disabling imp.	17	14.0 (10.8–17.2)	19.2 (12.1–26.3)	9.6	108	16.4 (14.3–18.5)	13.8 (11.4–16.1)	5.9	125	16.0 (14.2–17.9)	14.5 (12.2–16.7)	6.3
Multiple trauma	56	34.9 (26.2–43.6)	34.7 (27.4–41.9)	7.0	18	26.2 (16.4–36.0)	33.7 (23.1–44.3)	9.0	74	32.8 (25.8–39.8)	34.4 (28.4–40.4)	7.3
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	149	27.1 (22.8–31.5)	21.6 (18.7–24.4)	5.6	804	18.9 (18.0–19.9)	16.9 (15.9–17.9)	6.2	953	20.2 (19.1–21.3)	17.6 (16.6–18.6)	6.1
Missing or excluded	118				274				392			
<b>All episodes</b>	<b>1,296</b>	<b>31.5 (29.7–33.2)</b>	<b>23.6 (22.5–24.7)</b>	<b>5.2</b>	<b>3,377</b>	<b>21.7 (21.1–22.3)</b>	<b>18.9 (18.4–19.5)</b>	<b>6.1</b>	<b>4,673</b>	<b>24.4 (23.7–25.1)</b>	<b>20.2 (19.7–20.7)</b>	<b>5.8</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 calendar 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
3-201	0	n.a.	n.a.	n.a.	3	n.a.	n.a.	n.a.	3	n.a.	n.a.	n.a.
3-202	38	104.4 (87.6–121.2)	38.6 (28.8–48.4)	2.6	9	60.9 (27.5–94.3)	29.8 (10.0–49.6)	3.4	47	96.1 (80.4–111.7)	36.9 (28.2–45.7)	2.7
3-203	16	72.6 (51.0–94.1)	38.5 (24.2–52.8)	3.7	53	35.7 (29.5–41.9)	20.8 (14.6–26.9)	4.1	69	44.3 (36.5–52.0)	24.9 (18.9–30.9)	3.9
3-204	131	15.7 (14.1–17.2)	11.3 (9.8–12.7)	5.0	134	13.9 (12.6–15.3)	10.8 (8.9–12.7)	5.4	265	14.8 (13.8–15.8)	11.0 (9.8–12.2)	5.2
3-205	14	27.5 (11.3–43.7)	17.8 (10.7–24.9)	4.5	27	22.6 (17.4–27.8)	17.6 (14.3–20.9)	5.5	41	24.3 (17.8–30.7)	17.7 (14.5–20.8)	5.1
3-206	37	28.7 (22.9–34.5)	25.9 (22.4–29.5)	6.3	108	19.9 (17.8–22.0)	21.4 (19.1–23.8)	7.5	145	22.1 (19.9–24.4)	22.6 (20.6–24.6)	7.1
3-207	6	26.8 (14.6–39.1)	45.7 (39.4–51.9)	11.9	17	22.4 (16.5–28.2)	19.2 (11.6–26.9)	6.0	23	23.5 (18.2–28.8)	26.1 (18.6–33.7)	7.8
3-208	0	n.a.	n.a.	n.a.	200	34.2 (31.4–37.0)	23.3 (20.7–26.0)	4.8	200	34.2 (31.4–37.0)	23.3 (20.7–26.0)	4.8
3-209	92	43.3 (39.1–47.5)	42.5 (38.8–46.1)	6.9	72	35.6 (31.0–40.2)	35.3 (30.6–40.1)	6.9	164	39.9 (36.8–43.1)	39.4 (36.4–42.3)	6.9
3-210	15	9.4 (7.5–11.3)	6.0 (2.3–9.7)	4.5	6	7.5 (3.1–11.9)	8.7 (1.1–16.2)	8.1	21	8.9 (7.1–10.7)	6.8 (3.4–10.1)	5.3
3-211	68	17.7 (14.5–20.9)	12.6 (10.6–14.6)	5.0	13	18.1 (9.0–27.1)	12.4 (6.9–17.8)	4.8	81	17.8 (14.8–20.8)	12.6 (10.7–14.4)	4.9
3-212	46	24.5 (20.0–29.1)	20.2 (17.6–22.8)	5.8	4	n.a.	n.a.	n.a.	50	25.2 (20.9–29.5)	20.4 (17.8–23.0)	5.7
3-213	31	24.0 (19.5–28.4)	23.1 (17.3–28.9)	6.8	9	28.8 (18.0–39.5)	19.0 (11.7–26.3)	4.6	40	25.1 (20.9–29.2)	22.2 (17.4–27.0)	6.2
3-214	50	45.9 (36.3–55.6)	54.0 (49.6–58.3)	8.2	36	31.2 (24.1–38.2)	27.4 (21.1–33.8)	6.2	86	39.7 (33.3–46.2)	42.9 (38.3–47.5)	7.5
3-215	10	47.8 (30.7–64.9)	53.9 (35.4–72.4)	7.9	6	26.0 (11.7–40.3)	16.2 (4.5–27.9)	4.4	16	39.6 (26.8–52.4)	39.8 (24.5–55.0)	7.0
3-216	61	15.4 (12.9–17.8)	10.2 (8.5–11.9)	4.7	30	15.9 (11.7–20.0)	7.3 (4.8–9.8)	3.2	91	15.5 (13.4–17.6)	9.3 (7.8–10.7)	4.2
3-217	17	24.5 (17.6–31.3)	17.3 (12.3–22.3)	4.9	16	17.9 (12.8–22.9)	17.8 (14.0–21.6)	7.0	33	21.3 (16.9–25.6)	17.5 (14.4–20.7)	5.8
3-218	40	27.3 (22.1–32.5)	22.4 (15.8–28.9)	5.7	40	25.1 (19.4–30.9)	17.7 (12.8–22.5)	4.9	80	26.2 (22.3–30.1)	20.0 (15.9–24.1)	5.3
3-219	2	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	3	n.a.	n.a.	n.a.
3-220	5	12.6 (4.6–20.6)	2.8 (0.4–5.2)	1.6	0	n.a.	n.a.	n.a.	5	12.6 (4.6–20.6)	2.8 (0.4–5.2)	1.6
3-221	33	32.9 (24.0–41.9)	19.8 (16.4–23.3)	4.2	10	19.8 (13.6–26.0)	15.7 (9.3–22.1)	5.6	43	29.9 (22.7–37.0)	18.9 (15.8–22.0)	4.4
3-222	49	82.6 (69.2–96.0)	33.4 (27.9–39.0)	2.8	21	68.6 (49.7–87.5)	26.2 (19.6–32.8)	2.7	70	78.4 (67.4–89.4)	31.3 (26.8–35.7)	2.8
3-223	14	61.5 (36.5–86.5)	44.5 (35.9–53.1)	5.1	0	n.a.	n.a.	n.a.	14	61.5 (36.5–86.5)	44.5 (35.9–53.1)	5.1

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 calendar 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
3-224	15	19.5 (14.9–24.0)	6.9 (4.7–9.1)	2.5	5	31.2 (10.9–51.5)	3.0 (-1.1–7.1)	0.7	20	22.4 (16.2–28.6)	6.0 (3.9–8.0)	1.9
3-225	36	30.7 (24.4–37.0)	16.7 (13.0–20.4)	3.8	81	32.3 (26.6–38.1)	18.8 (15.3–22.3)	4.1	117	31.8 (27.5–36.2)	18.1 (15.5–20.8)	4.0
3-226	8	22.8 (8.0–37.5)	12.6 (5.7–19.5)	3.9	127	16.4 (14.6–18.1)	17.0 (14.7–19.4)	7.3	135	16.7 (14.9–18.6)	16.8 (14.5–19.0)	7.0
3-227	37	16.1 (12.6–19.5)	11.6 (9.4–13.9)	5.1	221	14.6 (13.4–15.8)	12.4 (11.3–13.5)	5.9	258	14.8 (13.7–16.0)	12.3 (11.3–13.3)	5.8
3-228	22	19.4 (14.2–24.6)	22.7 (17.5–27.8)	8.2	187	18.3 (16.8–19.9)	19.0 (17.6–20.4)	7.3	209	18.4 (17.0–19.9)	19.4 (18.0–20.8)	7.4
3-229	20	29.5 (21.2–37.8)	29.8 (25.2–34.4)	7.1	362	26.8 (25.0–28.5)	27.4 (25.9–28.9)	7.2	382	26.9 (25.2–28.6)	27.5 (26.1–29.0)	7.2
3-230	5	21.2 (10.6–31.8)	29.4 (12.2–46.6)	9.7	117	22.5 (19.9–25.1)	18.6 (15.9–21.4)	5.8	122	22.4 (19.9–25.0)	19.1 (16.3–21.8)	5.9
3-231	3	n.a.	n.a.	n.a.	17	6.8 (5.1–8.4)	3.9 (2.0–5.7)	4.0	20	7.2 (5.5–8.9)	3.6 (2.0–5.1)	3.5
3-232	8	14.4 (8.1–20.6)	16.5 (8.0–25.0)	8.0	76	11.9 (10.9–13.0)	15.3 (13.5–17.1)	9.0	84	12.2 (11.1–13.3)	15.4 (13.6–17.2)	8.9
3-233	4	n.a.	n.a.	n.a.	51	21.4 (17.7–25.1)	29.4 (26.0–32.8)	9.6	55	21.0 (17.5–24.5)	28.7 (25.4–32.1)	9.6
3-234	7	18.7 (8.3–29.2)	9.6 (3.9–15.2)	3.6	8	10.3 (7.4–13.1)	9.6 (6.0–13.2)	6.6	15	14.2 (8.8–19.6)	9.6 (6.5–12.7)	4.7
3-235	6	21.7 (14.2–29.1)	21.3 (17.5–25.2)	6.9	7	24.3 (5.7–42.8)	17.0 (13.7–20.3)	4.9	13	23.1 (12.9–33.3)	19.0 (16.3–21.7)	5.8
3-236	7	29.4 (6.5–52.3)	27.4 (18.2–36.7)	6.5	18	23.1 (17.9–28.2)	19.9 (10.9–28.9)	6.0	25	24.8 (17.7–32.0)	22.0 (15.0–29.0)	6.2
3-237	3	n.a.	n.a.	n.a.	50	15.0 (12.9–17.2)	14.5 (10.6–18.4)	6.8	53	15.0 (12.9–17.1)	14.3 (10.5–18.0)	6.6
3-238	12	26.0 (13.7–38.3)	3.8 (-1.7–9.3)	1.0	0	n.a.	n.a.	n.a.	12	26.0 (13.7–38.3)	3.8 (-1.7–9.3)	1.0
3-239	23	18.8 (14.6–23.1)	26.5 (22.2–30.8)	9.9	8	17.5 (6.8–28.2)	21.3 (12.2–30.3)	8.5	31	18.5 (14.4–22.6)	25.2 (21.2–29.1)	9.5
3-240	12	34.3 (24.9–43.8)	45.6 (35.2–56.0)	9.3	8	25.8 (12.5–39.0)	35.4 (23.6–47.1)	9.6	20	30.9 (23.1–38.7)	41.5 (33.6–49.4)	9.4
3-241	4	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	5	53.0 (25.9–80.1)	75.0 (61.5–88.5)	9.9
3-242	60	13.3 (11.6–15.0)	9.6 (7.7–11.5)	5.1	234	12.7 (11.6–13.8)	8.8 (7.9–9.6)	4.8	294	12.8 (11.9–13.8)	8.9 (8.1–9.7)	4.9
3-243	37	22.4 (16.8–28.1)	19.7 (16.8–22.7)	6.2	291	16.7 (15.6–17.8)	15.4 (14.2–16.7)	6.4	328	17.4 (16.2–18.5)	15.9 (14.7–17.1)	6.4
3-244	59	29.5 (25.3–33.6)	31.3 (26.6–36.0)	7.4	349	21.4 (19.9–22.8)	21.5 (19.8–23.1)	7.0	408	22.5 (21.1–24.0)	22.9 (21.3–24.5)	7.1
3-245	15	55.5 (34.7–76.2)	26.3 (14.7–37.8)	3.3	70	28.7 (23.7–33.8)	20.9 (15.6–26.2)	5.1	85	33.5 (27.6–39.4)	21.8 (17.1–26.6)	4.6
Missing or excluded	118				274				392			
<b>All episodes</b>	<b>1,296</b>	<b>31.5 (29.7–33.2)</b>	<b>23.6 (22.5–24.7)</b>	<b>5.2</b>	<b>3,377</b>	<b>21.7 (21.1–22.3)</b>	<b>18.9 (18.4–19.5)</b>	<b>6.1</b>	<b>4,673</b>	<b>24.4 (23.7–25.1)</b>	<b>20.2 (19.7–20.7)</b>	<b>5.8</b>

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NOTE 2: Incomplete episodes are excluded from analysis