LOS and FIM Change Benchmarks of completed episodes in New Zealand, by V5 AN-SNAP class and sector, Financial Year 2023 (1/2)

AN-SNAP class	Aged under 65				Aged 65 and over				National data benchmarks			
		Length of stay	FIM change	FIM gain per week		Length of stay	FIM change	FIM gain per week		Length of stay	FIM change	FIM gain per week
	No.	Mean (95%CI)	Mean (95%CI)		No.	Mean (95%CI)	Mean (95%CI)		No.	Mean (95%CI)	Mean (95%CI)	
5AZ1*	0	n.a	n.a	n.a	1	n.a	n.a	n.a	1	n.a	n.a	n.a
5AZ2*	0	n.a	n.a	n.a	0	n.a	n.a	n.a	0	n.a	n.a	n.a
5AZ3 Stroke	0	n.a	n.a	n.a	69	39.0 (34.4 - 43.7)	17.2 (12.3 - 22.1)	3.1	69	39.0 (34.4 - 43.7)	17.2 (12.3 - 22.1)	3.1
5AZ4 Stroke	48	73.3 (62.7 - 83.9)	40.6 (33.5 - 47.8)	3.9	58	48.2 (43.3 - 53.1)	22.3 (16.2 - 28.3)	3.2	106	59.6 (53.6 - 65.5)	30.6 (25.7 - 35.5)	3.6
5AZ3 All other impairments	0	n.a	n.a	n.a	143	29.8 (25.8 - 33.8)	26.5 (22.4 - 30.5)	6.2	144	30.0 (26.0 - 33.9)	26.4 (22.4 - 30.4)	6.2
5AZ4 All other impairments	20	55.6 (46.1 - 65.1)	45.3 (33.3 - 57.2)	5.7	53	33.0 (26.7 - 39.4)	24.8 (18.9 - 30.7)	5.3	73	39.2 (33.5 - 45.0)	30.4 (24.7 - 36.2)	5.4
5AA1	18	9.3 (7.6 - 11.1)	10.5 (7.6 - 13.4)	7.9	29	8.7 (6.3 - 11.0)	9.7 (7.4 - 12.0)	7.8	47	8.9 (7.3 - 10.5)	10.0 (8.2 - 11.8)	7.9
5AA2	32	15.4 (11.2 - 19.6)	14.3 (10.9 - 17.7)	6.5	25	13.4 (7.2 - 19.6)	10.3 (7.3 - 13.2)	5.4	57	14.5 (11.0 - 18.1)	12.6 (10.2 - 14.9)	6.0
5AA3	13	26.7 (18.2 - 35.2)	14.7 (9.3 - 20.1)	3.9	20	23.9 (15.2 - 32.6)	16.0 (11.3 - 20.7)	4.7	33	25.0 (18.8 - 31.2)	15.5 (12.0 - 19.0)	4.3
5AA4	39	20.2 (16.3 - 24.0)	27.2 (22.5 - 32.0)	9.5	126	17.1 (15.5 - 18.8)	20.8 (18.8 - 22.9)	8.5	165	17.8 (16.3 - 19.4)	22.4 (20.4 - 24.3)	8.8
5AA5	6	33.0 (17.1 - 48.9)	33.3 (22.3 - 44.4)	7.1	40	28.0 (21.2 - 34.7)	21.0 (16.6 - 25.4)	5.3	46	28.6 (22.4 - 34.8)	22.6 (18.4 - 26.8)	5.5
5AA6	0	n.a	n.a	n.a	100	29.4 (26.4 - 32.4)	28.2 (24.7 - 31.7)	6.7	100	29.4 (26.4 - 32.4)	28.2 (24.7 - 31.7)	6.7
5AA7	0	n.a	n.a	n.a	100	42.7 (37.3 - 48.2)	37.6 (33.5 - 41.7)	6.2	100	42.7 (37.3 - 48.2)	37.6 (33.5 - 41.7)	6.2
5AA8	96	43.2 (37.7 - 48.7)	39.1 (35.1 - 43.1)	6.3	13	47.3 (25.6 - 69.0)	43.8 (33.9 - 53.7)	6.5	109	43.7 (38.3 - 49.2)	39.6 (35.9 - 43.3)	6.3
5AB1-6*												
5AC1	4	n.a	n.a	n.a	8	16.4 (11.3 - 21.4)	3.4 (-2.3 - 9.0)	1.4	12	15.3 (11.4 - 19.1)	3.8 (-0.1 - 7.7)	1.8
5AC2	14	19.5 (13.2 - 25.8)	21.7 (17.1 - 26.3)	7.8	19	19.1 (9.9 - 28.3)	18.2 (11.5 - 24.9)	6.7	33	19.3 (13.4 - 25.1)	19.7 (15.4 - 24.0)	7.2
5AC3	25	27.9 (19.8 - 35.9)	37.5 (31.2 - 43.9)	9.4	29	26.3 (18.9 - 33.7)	19.5 (13.0 - 26.0)	5.2	54	27.0 (21.6 - 32.4)	27.8 (22.7 - 33.0)	7.2
5AD1-3*												
5AE1	25	36.6 (25.3 - 47.8)	11.1 (5.7 - 16.5)	2.1	44	23.8 (18.8 - 28.8)	17.0 (13.8 - 20.2)	5.0	70	28.2 (22.9 - 33.5)	14.9 (12.0 - 17.7)	3.7
5AH1	17	14.9 (8.9 - 20.9)	12.6 (8.7 - 16.5)	5.9	160	12.3 (11.0 - 13.5)	16.2 (14.8 - 17.5)	9.2	177	12.5 (11.2 - 13.8)	15.8 (14.5 - 17.1)	8.9
5AH2	7	16.4 (11.5 - 21.4)	19.4 (12.4 - 26.5)	8.3	193	14.9 (13.4 - 16.5)	16.5 (15.3 - 17.7)	7.7	200	15.0 (13.5 - 16.5)	16.6 (15.4 - 17.8)	7.8
5AH3	1	n.a	n.a	n.a	26	16.9 (10.8 - 23.0)	17.1 (13.0 - 21.3)	7.1	27	16.9 (11.0 - 22.7)	17.2 (13.2 - 21.2)	7.1
5AH4	35	31.4 (23.8 - 38.9)	31.3 (27.1 - 35.6)	7.0	986	21.9 (21.1 - 22.7)	29.8 (28.8 - 30.7)	9.5	1,022	22.2 (21.4 - 23.0)	29.8 (28.9 - 30.7)	9.4
5A41*	0	n.a	n.a	n.a	6	10.2 (5.8 - 14.5)	8.2 (4.1 - 12.2)	5.6	6	10.2 (5.8 - 14.5)	8.2 (4.1 - 12.2)	5.6
5A42*	0	n.a	n.a	n.a	11	13.1 (10.5 - 15.6)	18.2 (13.3 - 23.1)	9.7	11	13.1 (10.5 - 15.6)	18.2 (13.3 - 23.1)	9.7
5A43	4	n.a	n.a	n.a	14	21.6 (14.3 - 28.8)	33.3 (27.2 - 39.4)	10.8	18	22.2 (15.4 - 29.1)	31.8 (26.5 - 37.0)	10.0

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

*NOTE 3: *Brain and Spinal episodes are removed from this analysis as their benchmarks are available in our impairment specific benchmark reports found on our website*

LOS and FIM Change Benchmarks of completed episodes in New Zealand, by V5 AN-SNAP class and sector, Financial Year 2023 (2/2)

AN-SNAP class	Aged under 65				Aged 65 and over				National data benchmarks			
	No.	Length of stay Mean (95%CI)	FIM change Mean (95%CI)	FIM gain per week	No.	Length of stay Mean (95%CI)	FIM change Mean (95%CI)	FIM gain per week	No.	Length of stay Mean (95%CI)	FIM change Mean (95%CI)	FIM gain per week
5A21	1	n.a	n.a	n.a	31	20.1 (8.5 - 31.7)	11.5 (6.8 - 16.1)	4.0	32	20.4 (9.1 - 31.7)	11.2 (6.6 - 15.7)	3.8
5A22	5	32.8 (13.9 - 51.7)	24.2 (17.0 - 31.4)	5.2	36	17.6 (13.9 - 21.4)	18.1 (13.8 - 22.5)	7.2	41	19.5 (15.3 - 23.7)	18.9 (14.9 - 22.8)	6.8
5A23	5	25.4 (11.3 - 39.5)	23.4 (15.2 - 31.6)	6.4	53	21.4 (18.1 - 24.7)	28.6 (24.0 - 33.3)	9.4	58	21.8 (18.5 - 25.0)	28.2 (23.9 - 32.5)	9.1
5A31	3	n.a	n.a	n.a	10	14.2 (7.4 - 21.0)	8.3 (4.5 - 12.1)	4.1	13	13.5 (8.2 - 18.8)	8.7 (5.5 - 11.9)	4.5
5A32	0	n.a	n.a	n.a	66	18.0 (14.7 - 21.4)	18.5 (15.8 - 21.1)	7.2	66	18.0 (14.7 - 21.4)	18.5 (15.8 - 21.1)	7.2
5A33	1	n.a	n.a	n.a	48	20.5 (17.0 - 24.1)	25.5 (19.6 - 31.3)	8.7	49	20.6 (17.1 - 24.2)	25.8 (20.1 - 31.6)	8.8
5AP1*	1	n.a	n.a	n.a	0	n.a	n.a	n.a	1	n.a	n.a	n.a
5AP2*	2	n.a	n.a	n.a	3	n.a	n.a	n.a	5	43.2 (19.8 - 66.6)	31.8 (21.5 - 42.1)	5.2
5AR1	8	15.0 (11.2 - 18.8)	11.9 (8.6 - 15.1)	5.5	36	7.9 (6.5 - 9.2)	7.8 (5.9 - 9.7)	7.0	45	9.1 (7.6 - 10.6)	8.6 (6.9 - 10.3)	6.6
5AR2	4	n.a	n.a	n.a	20	13.4 (10.0 - 16.8)	8.4 (4.5 - 12.3)	4.4	24	13.2 (10.3 - 16.0)	9.6 (5.9 - 13.3)	5.1
5AR3	20	25.1 (18.3 - 31.8)	26.5 (22.5 - 30.5)	7.4	127	17.7 (11.9 - 23.5)	15.2 (13.4 - 17.1)	6.0	147	18.7 (13.6 - 23.8)	16.8 (15.0 - 18.5)	6.3
5AR4	2	n.a	n.a	n.a	18	19.7 (11.8 - 27.7)	13.5 (5.4 - 21.6)	4.8	20	20.1 (12.9 - 27.3)	13.7 (6.3 - 21.1)	4.8
5AR5	39	30.2 (24.1 - 36.3)	33.8 (28.5 - 39.0)	7.8	315	21.5 (19.9 - 23.0)	23.0 (21.1 - 24.9)	7.5	354	22.4 (20.9 - 24.0)	24.2 (22.4 - 26.0)	7.5
5A91	2	n.a	n.a	n.a	12	15.0 (10.4 - 19.6)	10.2 (4.3 - 16.0)	4.7	14	14.6 (10.6 - 18.6)	10.1 (5.1 - 15.1)	4.9
5A92	5	43.6 (-10.6 - 97.8)	29.4 (14.2 - 44.6)	4.7	31	21.4 (15.9 - 26.9)	12.6 (9.1 - 16.1)	4.1	36	24.5 (15.8 - 33.2)	14.9 (10.9 - 19.0)	4.3
5A93	8	33.0 (17.9 - 48.1)	26.0 (16.0 - 36.0)	5.5	27	28.6 (21.9 - 35.2)	19.2 (14.3 - 24.1)	4.7	36	30.3 (24.2 - 36.4)	21.0 (16.6 - 25.3)	4.8
Missing or excluded*	365				470				836			
All episodes	875	39.4 (36.8 - 42.0)	27.3 (26.0 - 28.7)	4.9	3,509	23.8 (23.1 - 24.5)	23.7 (23.1 - 24.3)	7.0	4,384	26.9 (26.1 - 27.7)	24.4 (23.9 - 25.0)	6.4

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NOTE 3: *Brain and Spinal episodes are removed from this analysis as their benchmarks are available in our impairment specific benchmark reports found on our website

Class	Description of V5 AN-SNAP class	Class	Description of V5 AN-SNAP class
5AZ1	Weighted FIM Motor score 13-18, Brain, Spine, MMT, Burns, Age >= 59	5AE1	Amputation of limb, Weighted FIM Motor 19-91
5AZ2	Weighted FIM Motor score 13-18, Brain, Spine, MMT, Burns, Age 18 - 58	5AH1	Orthopaedic conditions, fractures, Weighted FIM Motor 48 - 91, FIM Cognition 33 - 35
5AZ3	Weighted FIM Motor score 13-18, All other impairments, Age >= 79	5AH2	Orthopaedic conditions, fractures, Weighted FIM Motor 48 - 91, FIM Cognition 21 - 32
5AZ4	Weighted FIM Motor score 13-18, All other impairments, Age 18 - 78	5AH3	Orthopaedic conditions, fractures, Weighted FIM Motor 48 - 91, FIM Cognition 5 - 20
5AA1	Stroke, Weighted FIM Motor 63 - 91, FIM Cognition 30 - 35	5AH4	Orthopaedic conditions, fractures, Weighted FIM Motor 19 - 47
5AA2	Stroke, Weighted FIM Motor 63 - 91, FIM Cognition 21 - 29	5A41	Orthopaedic conditions, replacement (knee, hip, shoulder), Weighted FIM Motor 61 - 91
5AA3	Stroke, Weighted FIM Motor 63 - 91, FIM Cognition 5 - 20	5A42	Orthopaedic conditions, replacement (knee, hip, shoulder), Weighted FIM Motor 45 - 60
5AA4	Stroke, Weighted FIM Motor 44 - 62, FIM Cognition 18 - 35	5A43	Orthopaedic conditions, replacement (knee, hip, shoulder), Weighted FIM Motor 19 - 44
5AA5	Stroke, Weighted FIM Motor 44 - 62, FIM Cognition 5 - 17	5A21	Orthopaedic conditions, all other, Weighted FIM Motor 57 - 91
5AA6	Stroke, Weighted FIM Motor 19 - 43, Age >= 80	5A22	Orthopaedic conditions, all other, Weighted FIM Motor 41 - 56
5AA7	Stroke, Weighted FIM Motor 19 - 43, Age 67 - 79	5A23	Orthopaedic conditions, all other, Weighted FIM Motor 19 - 40
5AA8	Stroke, Weighted FIM Motor 19 - 43 Age 18 - 66	5A31	Cardiac, Pain syndromes, and Pulmonary, Weighted FIM Motor 66 - 91
5AB1	Brain dysfunction, FIM Cognition 27 - 35 Weighted FIM Motor 59 - 91	5A32	Cardiac, Pain syndromes, and Pulmonary, Weighted FIM Motor 38 - 65
5AB2	Brain dysfunction, FIM Cognition 27 - 35 Weighted FIM Motor 19 - 58	5A33	Cardiac, Pain syndromes, and Pulmonary, Weighted FIM Motor 19 - 37
5AB3	Brain dysfunction, FIM Cognition 19 - 26 Weighted FIM Motor 50 - 91	5AP1	Major Multiple Trauma, Weighted FIM Motor 51 - 91
5AB4	Brain dysfunction, FIM Cognition 19 - 26 Weighted FIM Motor 19 - 49	5AP2	Major Multiple Trauma, Weighted FIM Motor 19 - 50
5AB5	Brain dysfunction, FIM Cognition 5 - 18 Weighted FIM Motor 39 - 91	5AR1	Reconditioning, Weighted FIM Motor 64 - 91, FIM Cognition 29 - 35
5AB6	Brain dysfunction, FIM Cognition 5 - 18 Weighted FIM Motor 19 - 38	5AR2	Reconditioning, Weighted FIM Motor 64 - 91, FIM Cognition 5 - 28
5AC1	Neurological conditions, Weighted FIM Motor 70 - 91	5AR3	Reconditioning, Weighted FIM Motor 48 - 63, FIM Cognition 19 - 35
5AC2	Neurological conditions, Weighted FIM Motor 50 - 69	5AR4	Reconditioning, Weighted FIM Motor 48 - 63, FIM Cognition 5 - 18
5AC3	Neurological conditions, Weighted FIM Motor 19 - 49	5AR5	Reconditioning, Weighted FIM Motor 19 - 47
5AD1	Spinal cord dysfunction, Weighted FIM Motor 55 - 91	5A91	All other impairments, Weighted FIM Motor 61 - 91
5AD2	Spinal cord dysfunction, Weighted FIM Motor 37 - 54	5A92	All other impairments, Weighted FIM Motor 42 - 60
5AD3	Spinal cord dysfunction, Weighted FIM Motor 19 - 36	5A93	All other impairments, Weighted FIM Motor 19 - 41

LOS and FIM Change Benchmarks of completed episodes in New Zealand, by V4 AN-SNAP class and age, Financial Year 2023 (1/2)

AN-SNAP class	Aged under 65				Aged 65 and over				National data benchmarks			
		Length of stay	FIM change	FIM gain per week		Length of stay	FIM change	FIM gain per week		Length of stay	FIM change	FIM gain per week
	No.	Mean (95%CI)	Mean (95%CI)		No.	Mean (95%CI)	Mean (95%CI)		No.	Mean (95%CI)	Mean (95%CI)	
4AZ1*	0	n.a	n.a	n.a	1	n.a	n.a	n.a	1	n.a	n.a	n.a
4AZ2*	0	n.a	n.a	n.a	0	n.a	n.a	n.a	0	n.a	n.a	n.a
4AZ3	0	n.a	n.a	n.a	296	36.3 (33.6 - 39.0)	22.6 (20.0 - 25.2)	4.4	296	36.3 (33.6 - 39.0)	22.6 (20.0 - 25.2)	4.4
4AZ4	64	68.2 (59.6 - 76.7)	41.0 (34.7 - 47.2)	4.2	0	n.a	n.a	n.a	64	68.2 (59.6 - 76.7)	41.0 (34.7 - 47.2)	4.2
4AA1	31	11.9 (9.5 - 14.3)	15.7 (12.3 - 19.2)	9.3	68	12.5 (10.6 - 14.3)	15.2 (12.9 - 17.4)	8.5	99	12.3 (10.8 - 13.8)	15.3 (13.5 - 17.2)	8.7
4AA2	47	18.3 (14.5 - 22.2)	18.0 (15.0 - 21.1)	6.9	81	16.3 (13.5 - 19.1)	16.2 (13.7 - 18.6)	6.9	128	17.1 (14.8 - 19.3)	16.8 (14.9 - 18.8)	6.9
4AA3	17	29.9 (21.8 - 38.1)	22.1 (15.4 - 28.7)	5.2	49	26.2 (19.9 - 32.5)	18.8 (14.9 - 22.7)	5.0	66	27.2 (22.1 - 32.3)	19.6 (16.3 - 23.0)	5.1
4AA4	0	n.a	n.a	n.a	86	23.3 (20.7 - 26.0)	28.1 (25.4 - 30.7)	8.4	86	23.3 (20.7 - 26.0)	28.1 (25.4 - 30.7)	8.4
4AA5	41	27.7 (19.9 - 35.4)	33.5 (27.4 - 39.7)	8.5	9	34.6 (20.0 - 49.1)	29.9 (20.1 - 39.7)	6.1	50	28.9 (22.1 - 35.8)	32.9 (27.5 - 38.2)	8.0
4AA6	0	n.a	n.a	n.a	147	39.3 (35.2 - 43.3)	33.6 (30.1 - 37.1)	6.0	147	39.3 (35.2 - 43.3)	33.6 (30.1 - 37.1)	6.0
4AA7	68	48.1 (42.0 - 54.1)	40.7 (35.8 - 45.5)	5.9	12	48.8 (26.1 - 71.4)	46.6 (36.2 - 57.0)	6.7	80	48.2 (42.1 - 54.2)	41.6 (37.2 - 46.0)	6.0
4AB1-7*												
4AC1	8	19.6 (9.6 - 29.6)	13.4 (6.6 - 20.1)	4.8	15	14.5 (11.1 - 17.8)	11.1 (4.6 - 17.6)	5.4	23	16.3 (12.2 - 20.4)	11.9 (7.1 - 16.6)	5.1
4AC2	20	17.8 (13.5 - 22.1)	28.2 (22.1 - 34.3)	11.1	20	21.0 (12.5 - 29.5)	17.7 (11.7 - 23.6)	5.9	40	19.4 (14.7 - 24.1)	22.9 (18.4 - 27.4)	8.3
4AC3	16	34.4 (23.3 - 45.4)	42.6 (32.1 - 53.0)	8.7	22	30.2 (20.7 - 39.7)	21.2 (12.4 - 30.1)	4.9	38	31.9 (24.8 - 39.1)	30.2 (22.7 - 37.7)	6.6
4AD1-4*												
4AE1	1	n.a	n.a	n.a	1	n.a	n.a	n.a	2	n.a	n.a	n.a
4AE2	20	32.5 (20.2 - 44.8)	10.3 (3.9 - 16.7)	2.2	36	21.9 (16.4 - 27.3)	16.9 (13.5 - 20.2)	5.4	56	25.7 (19.9 - 31.4)	14.5 (11.3 - 17.8)	4.0
4AE3	4	n.a	n.a	n.a	9	44.9 (26.4 - 63.4)	23.1 (13.0 - 33.2)	3.6	13	53.5 (37.6 - 69.5)	23.5 (15.6 - 31.5)	3.1
4AE4	1	n.a	n.a	n.a	0	n.a	n.a	n.a	1	n.a	n.a	n.a

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LOS and FIM Change Benchmarks of completed episodes in New Zealand, by V4 AN-SNAP class and age, Financial Year 2023 (2/2)

AN-SNAP class	Aged under 65				Aged 65 and over				National data benchmarks			
	No.	Length of stay Mean (95%CI)	FIM change Mean (95%CI)	FIM gain per week	No.	Length of stay Mean (95%CI)	FIM change Mean (95%CI)	FIM gain per week	No.	Length of stay Mean (95%CI)	FIM change Mean (95%CI)	FIM gain per week
4AH1	18	16.0 (9.9 - 22.1)	12.3 (8.5 - 16.0)	5.4	166	12.6 (11.3 - 13.9)	16.4 (15.1 - 17.8)	9.1	184	12.9 (11.6 - 14.3)	16.0 (14.8 - 17.3)	8.7
4AH2	8	16.5 (12.2 - 20.8)	19.5 (13.4 - 25.6)	8.3	232	15.3 (13.8 - 16.8)	16.9 (15.7 - 18.0)	7.7	240	15.4 (13.9 - 16.8)	16.9 (15.8 - 18.0)	7.7
4AH3	15	22.7 (13.2 - 32.3)	29.5 (25.4 - 33.6)	9.1	274	18.1 (16.8 - 19.4)	25.7 (24.2 - 27.1)	9.9	289	18.4 (17.0 - 19.7)	25.9 (24.5 - 27.2)	9.9
4AH4	21	40.4 (29.9 - 50.9)	35.6 (28.9 - 42.4)	6.2	711	23.4 (22.5 - 24.4)	31.7 (30.5 - 32.9)	9.5	733	23.9 (22.9 - 24.9)	31.8 (30.6 - 33.0)	9.3
4A21	0	n.a	n.a	n.a	11	10.0 (4.3 - 15.7)	6.5 (3.7 - 9.2)	4.5	11	10.0 (4.3 - 15.7)	6.5 (3.7 - 9.2)	4.5
4A22	2	n.a	n.a	n.a	54	18.4 (11.5 - 25.2)	14.7 (11.4 - 18.0)	5.6	56	19.1 (12.4 - 25.8)	14.5 (11.3 - 17.8)	5.3
4A23	13	26.1 (16.4 - 35.7)	24.9 (20.2 - 29.7)	6.7	86	20.9 (18.4 - 23.5)	27.7 (24.2 - 31.1)	9.3	99	21.6 (19.0 - 24.2)	27.3 (24.3 - 30.3)	8.8
4A31	2	n.a	n.a	n.a	8	15.1 (6.8 - 23.4)	7.6 (3.5 - 11.7)	3.5	10	14.3 (7.6 - 21.0)	7.4 (4.1 - 10.7)	3.6
4A32	1	n.a	n.a	n.a	30	13.0 (10.2 - 15.7)	16.1 (13.0 - 19.2)	8.7	31	12.9 (10.3 - 15.6)	16.1 (13.1 - 19.1)	8.7
4A33	0	n.a	n.a	n.a	49	19.8 (15.6 - 24.0)	20.0 (15.7 - 24.4)	7.1	49	19.8 (15.6 - 24.0)	20.0 (15.7 - 24.4)	7.1
4A34	1	n.a	n.a	n.a	37	22.6 (18.3 - 26.9)	27.0 (20.7 - 33.3)	8.4	38	22.7 (18.5 - 26.9)	27.4 (21.2 - 33.6)	8.5
4AP1*	3	n.a	n.a	n.a	3	n.a	n.a	n.a	6	38.8 (17.9 - 59.8)	32.5 (24.0 - 41.0)	5.9
4AR1	9	14.1 (10.8 - 17.4)	12.6 (7.4 - 17.7)	6.2	53	9.8 (8.1 - 11.6)	7.8 (5.9 - 9.6)	5.5	63	10.4 (8.9 - 12.0)	8.5 (6.7 - 10.3)	5.7
4AR2	15	21.2 (14.2 - 28.2)	24.9 (20.5 - 29.2)	8.2	81	17.8 (8.9 - 26.8)	16.1 (14.3 - 18.0)	6.3	96	18.4 (10.7 - 26.0)	17.5 (15.7 - 19.3)	6.7
4AR3	10	27.1 (17.7 - 36.5)	23.3 (16.2 - 30.4)	6.0	65	17.9 (14.8 - 21.1)	13.2 (9.8 - 16.6)	5.1	75	19.1 (16.1 - 22.2)	14.5 (11.4 - 17.7)	5.3
4AR4	6	15.2 (9.1 - 21.2)	37.5 (30.0 - 45.0)	17.3	29	18.0 (13.3 - 22.8)	24.3 (19.7 - 29.0)	9.4	35	17.5 (13.5 - 21.6)	26.6 (22.3 - 30.9)	10.6
4AR5	10	27.5 (21.5 - 33.5)	27.8 (17.9 - 37.7)	7.1	145	19.5 (17.3 - 21.8)	20.8 (18.2 - 23.4)	7.4	155	20.1 (17.9 - 22.2)	21.2 (18.7 - 23.8)	7.4
4AR6	23	35.3 (26.1 - 44.5)	35.4 (28.0 - 42.8)	7.0	151	24.0 (21.8 - 26.1)	25.0 (22.0 - 28.0)	7.3	174	25.5 (23.2 - 27.8)	26.4 (23.6 - 29.2)	7.3
4A91	3	n.a	n.a	n.a	19	16.7 (12.4 - 21.0)	9.7 (5.1 - 14.4)	4.1	22	16.0 (12.2 - 19.8)	10.1 (6.0 - 14.1)	4.4
4A92	10	41.6 (14.1 - 69.1)	30.5 (20.8 - 40.2)	5.1	38	22.7 (17.4 - 27.9)	16.5 (13.1 - 19.8)	5.1	48	26.6 (19.4 - 33.8)	19.4 (15.7 - 23.1)	5.1
4A93	2	n.a	n.a	n.a	12	31.3 (21.6 - 40.9)	14.8 (7.0 - 22.7)	3.3	15	32.4 (24.0 - 40.8)	15.9 (9.4 - 22.5)	3.4
Missing or excluded*	365				403				774			
All episodes	875	39.4 (36.8 - 42.0)	27.3 (26.0 - 28.7)	4.9	3,509	23.8 (23.1 - 24.5)	23.7 (23.1 - 24.3)	7.0	4,393	26.9 (26.1 - 27.7)	24.4 (23.9 - 25.0)	6.4

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

*NOTE 3: *Brain and Spinal episodes are removed from this analysis as their benchmarks are available in our impairment specific benchmark reports found on our website*

Class	Description of V4 AN-SNAP class	Class	Description of V4 AN-SNAP class
4AZ1	Weighted FIM motor score 13-18, Brain, Spine, MMT, Age ≥ 49	4AE1	Amputation of limb, Age ≥ 54, weighted FIM motor 68-91
4AZ2	Weighted FIM motor score 13-18, Brain, Spine, MMT, Age ≤ 48	4AE2	Amputation of limb, Age ≥ 54, weighted FIM motor 31-67
4AZ3	Weighted FIM motor score 13-18, All other impairments, Age ≥ 65	4AE3	Amputation of limb, Age ≥ 54, weighted FIM motor 19-30
4AZ4	Weighted FIM motor score 13-18, All other impairments, Age ≤ 64	4AE4	Amputation of limb, Age ≤ 53, weighted FIM motor 19-91
4AA1	Stroke, weighted FIM motor 51-91, FIM cognition 29-35	4AH1	Orthopaedic conditions, fractures, weighted FIM motor 49-91, FIM cognition 33-35
4AA2	Stroke, weighted FIM motor 51-91, FIM cognition 19-28	4AH2	Orthopaedic conditions, fractures, weighted FIM motor 49-91, FIM cognition 5-32
4AA3	Stroke, weighted FIM motor 51-91, FIM cognition 5-18	4AH3	Orthopaedic conditions, fractures, weighted FIM motor 38-48
4AA4	Stroke, weighted FIM motor 36-50, Age ≥ 68	4AH4	Orthopaedic conditions, fractures, weighted FIM motor 19-37
4AA5	Stroke, weighted FIM motor 36-50, Age ≤ 67	4A21	Orthopaedic conditions, all other, weighted FIM motor 68-91
4AA6	Stroke, weighted FIM motor 19-35, Age ≥ 68	4A22	Orthopaedic conditions, all other, weighted FIM motor 50-67
4AA7	Stroke, weighted FIM motor 19-35, Age ≤ 67	4A23	Orthopaedic conditions, all other, weighted FIM motor 19-49
4AB1	Brain dysfunction, weighted FIM motor 71-91, FIM cognition 26-35	4A31	Cardiac, Pain syndromes, Pulmonary, weighted FIM motor 72-91
4AB2	Brain dysfunction, weighted FIM motor 71-91, FIM cognition 5-25	4A32	Cardiac, Pain syndromes, Pulmonary, weighted FIM motor 55-71
4AB3	Brain dysfunction, weighted FIM motor 41-70, FIM cognition 26-35	4A33	Cardiac, Pain syndromes, Pulmonary, weighted FIM motor 34-54
4AB4	Brain dysfunction, weighted FIM motor 41-70, FIM cognition 17-25	4A34	Cardiac, Pain syndromes, Pulmonary, weighted FIM motor 19-33
4AB5	Brain dysfunction, weighted FIM motor 41-70, FIM cognition 5-16	4AP1	Major Multiple Trauma, weighted FIM motor 19-91
4AB6	Brain dysfunction, weighted FIM motor 29-40	4AR1	Reconditioning, weighted FIM motor 67-91
4AB7	Brain dysfunction, weighted FIM motor 19-28	4AR2	Reconditioning, weighted FIM motor 50-66, FIM cognition 26-35
4AC1	Neurological conditions, weighted FIM motor 62-91	4AR3	Reconditioning, weighted FIM motor 50-66, FIM cognition 5-25
4AC2	Neurological conditions, weighted FIM motor 43-61	4AR4	Reconditioning, weighted FIM motor 34-49, FIM cognition 31-35
4AC3	Neurological conditions, weighted FIM motor 19-42	4AR5	Reconditioning, weighted FIM motor 34-49, FIM cognition 5-30
4AD1	Spinal cord dysfunction, Age ≥ 50, weighted FIM motor 42-91	4AR6	Reconditioning, weighted FIM motor 19-33
4AD2	Spinal cord dysfunction, Age ≥ 50, weighted FIM motor 19-41	4A91	All other impairments, weighted FIM motor 55-91
4AD3	Spinal cord dysfunction, Age ≤ 49, weighted FIM motor 34-91	4A92	All other impairments, weighted FIM motor 33-54
4AD4	Spinal cord dysfunction, Age ≤ 49, weighted FIM motor 19-33	4A93	All other impairments, weighted FIM motor 19-32

LOS and FIM Change Benchmarks of completed episodes in New Zealand, by V3 AN-SNAP class and age, Financial Year 2023 (1/2)

AN-SNAP class	Aged under 65				Aged 65 and over				National data benchmarks			
	No.	Length of stay Mean (95%CI)	FIM change Mean (95%CI)	FIM gain per week	No.	Length of stay Mean (95%CI)	FIM change Mean (95%CI)	FIM gain per week	No.	Length of stay Mean (95%CI)	FIM change Mean (95%CI)	FIM gain per week
3-202	36	109.3 (84.1 - 134.4)	22.7 (13.8 - 31.5)	1.5	25	91.0 (73.2 - 108.9)	34.7 (25.3 - 44.0)	2.7	62	103.4 (86.8 - 119.9)	27.8 (21.3 - 34.3)	1.9
3-203	22	83.7 (65.9 - 101.5)	35.5 (25.5 - 45.5)	3.0	97	38.4 (34.2 - 42.7)	21.0 (16.3 - 25.7)	3.8	119	46.8 (41.1 - 52.5)	23.7 (19.3 - 28.1)	3.5
3-204	52	13.8 (10.9 - 16.6)	12.9 (10.6 - 15.3)	6.6	57	11.3 (8.2 - 14.4)	10.5 (8.6 - 12.3)	6.5	109	12.4 (10.3 - 14.6)	11.7 (10.2 - 13.1)	6.6
3-205	11	26.6 (16.6 - 36.7)	15.2 (8.8 - 21.5)	4.0	17	25.4 (15.6 - 35.2)	16.3 (10.8 - 21.7)	4.5	28	25.9 (18.8 - 32.9)	15.9 (11.8 - 19.9)	4.3
3-206	34	19.4 (15.4 - 23.4)	28.0 (24.6 - 31.4)	10.1	124	17.4 (15.7 - 19.1)	19.8 (17.8 - 21.8)	8.0	158	17.8 (16.2 - 19.4)	21.6 (19.8 - 23.3)	8.5
3-207	4	n.a	n.a	n.a	25	30.5 (20.4 - 40.6)	21.2 (15.0 - 27.3)	4.9	29	32.0 (22.9 - 41.1)	23.3 (17.6 - 29.1)	5.1
3-208	0	n.a	n.a	n.a	206	34.7 (31.6 - 37.8)	27.7 (25.0 - 30.4)	5.6	206	34.7 (31.6 - 37.8)	27.7 (25.0 - 30.4)	5.6
3-209	133	46.7 (41.8 - 51.7)	39.0 (35.2 - 42.8)	5.8	89	42.2 (37.2 - 47.3)	36.7 (32.3 - 41.1)	6.1	222	44.9 (41.3 - 48.5)	38.0 (35.2 - 40.9)	5.9
3-210	14	16.8 (7.3 - 26.3)	8.7 (4.9 - 12.6)	3.6	0	n.a	n.a	n.a	14	16.8 (7.3 - 26.3)	8.7 (4.9 - 12.6)	3.6
3-211	47	22.1 (17.4 - 26.8)	12.9 (10.1 - 15.8)	4.1	20	16.8 (12.5 - 21.1)	13.6 (9.9 - 17.2)	5.6	67	20.5 (16.9 - 24.1)	13.1 (10.9 - 15.4)	4.5
3-212	23	26.2 (16.5 - 35.8)	16.8 (13.3 - 20.4)	4.5	6	17.2 (9.6 - 24.7)	12.7 (0.4 - 24.9)	5.2	29	24.3 (16.4 - 32.2)	16.0 (12.3 - 19.7)	4.6
3-213	24	40.3 (29.1 - 51.5)	24.6 (19.2 - 30.1)	4.3	9	46.0 (25.5 - 66.5)	23.3 (15.4 - 31.2)	3.6	33	41.8 (32.1 - 51.6)	24.3 (19.8 - 28.7)	4.1
3-214	33	47.2 (33.3 - 61.0)	40.2 (34.0 - 46.4)	6.0	49	38.8 (28.2 - 49.4)	29.0 (23.6 - 34.5)	5.2	82	42.2 (33.7 - 50.6)	33.5 (29.3 - 37.8)	5.6
3-215	8	73.9 (29.9 - 117.9)	58.6 (45.4 - 71.9)	5.6	16	43.6 (28.4 - 58.7)	28.6 (15.1 - 42.2)	4.6	24	53.7 (35.5 - 71.9)	38.6 (27.2 - 50.1)	5.0
3-216	6	22.3 (10.1 - 34.6)	9.8 (3.0 - 16.6)	3.1	11	15.0 (10.9 - 19.1)	6.7 (1.2 - 12.2)	3.1	17	17.6 (12.5 - 22.7)	7.8 (3.6 - 12.1)	3.1
3-217	12	15.9 (11.1 - 20.7)	22.0 (16.6 - 27.4)	9.7	16	20.6 (9.8 - 31.3)	18.7 (10.8 - 26.6)	6.4	28	18.6 (12.1 - 25.0)	20.1 (15.1 - 25.1)	7.6
3-218	26	28.4 (20.6 - 36.2)	39.6 (32.3 - 46.9)	9.8	34	34.2 (21.2 - 47.3)	21.8 (14.9 - 28.8)	4.5	60	31.7 (23.6 - 39.8)	29.5 (24.0 - 35.0)	6.5
3-219	3	n.a	n.a	n.a	2	n.a	n.a	n.a	5	62.0 (31.7 - 92.3)	44.4 (19.1 - 69.7)	5.0
3-220	4	n.a	n.a	n.a	1	n.a	n.a	n.a	5	11.8 (9.8 - 13.8)	4.0 (2.4 - 5.6)	2.4
3-221	29	29.6 (22.4 - 36.7)	16.9 (13.7 - 20.0)	4.0	7	22.7 (16.2 - 29.3)	19.9 (12.5 - 27.2)	6.1	36	28.3 (22.3 - 34.2)	17.4 (14.5 - 20.4)	4.3
3-222	45	68.6 (57.9 - 79.4)	35.4 (30.2 - 40.5)	3.6	39	55.9 (46.4 - 65.4)	29.2 (22.7 - 35.7)	3.7	84	62.7 (55.4 - 70.1)	32.5 (28.4 - 36.6)	3.6
3-223	15	58.7 (41.1 - 76.3)	35.1 (24.1 - 46.0)	4.2	0	n.a	n.a	n.a	15	58.7 (41.1 - 76.3)	35.1 (24.1 - 46.0)	4.2

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

LOS and FIM Change Benchmarks of completed episodes in New Zealand, by V3 AN-SNAP class and age, Financial Year 2023 (2/2)

AN-SNAP class	Aged under 65									Aged 65 and over										National data benchmarks									
	No.	Length of stay Mean (95%CI)	FIM change Mean (95%CI)	FIM gain per week	No.	Length of stay Mean (95%CI)	FIM change Mean (95%CI)	FIM gain per week	No.	Length of stay Mean (95%CI)	FIM change Mean (95%CI)	FIM gain per week
3-224	4	n.a	n.a	n.a	5	14.6 (4.8 - 24.4)	4.2 (1.8 - 6.6)	2.0	9	19.2 (7.2 - 31.2)	4.2 (2.9 - 5.5)	1.5
3-225	22	41.5 (28.4 - 54.7)	13.7 (7.2 - 20.3)	2.3	42	29.4 (22.4 - 36.3)	19.7 (16.3 - 23.1)	4.7	65	33.2 (26.7 - 39.6)	17.6 (14.5 - 20.8)	3.7
3-226	2	n.a	n.a	n.a	80	17.9 (14.6 - 21.1)	23.3 (20.2 - 26.4)	9.1	82	17.7 (14.5 - 20.9)	22.9 (19.8 - 26.0)	9.1
3-227	19	16.4 (10.9 - 21.9)	13.0 (9.4 - 16.6)	5.6	160	11.7 (10.3 - 13.0)	13.6 (12.4 - 14.8)	8.1	179	12.2 (10.8 - 13.5)	13.5 (12.4 - 14.6)	7.8
3-228	7	13.4 (9.8 - 17.1)	21.3 (14.4 - 28.2)	11.1	226	15.6 (14.2 - 17.1)	18.5 (17.4 - 19.7)	8.3	233	15.5 (14.1 - 16.9)	18.6 (17.5 - 19.8)	8.4
3-229	28	33.3 (24.4 - 42.2)	31.3 (26.0 - 36.5)	6.6	876	22.0 (21.2 - 22.9)	30.8 (29.8 - 31.8)	9.8	905	22.4 (21.5 - 23.2)	30.8 (29.9 - 31.8)	9.7
3-230	9	33.8 (19.1 - 48.5)	34.0 (24.0 - 44.0)	7.0	181	24.0 (21.9 - 26.1)	24.9 (21.9 - 27.9)	7.3	190	24.5 (22.4 - 26.6)	25.3 (22.4 - 28.2)	7.2
3-231	0	n.a	n.a	n.a	1	n.a	n.a	n.a	1	n.a	n.a	n.a
3-232	0	n.a	n.a	n.a	14	12.4 (10.0 - 14.7)	14.1 (9.3 - 18.9)	8.0	14	12.4 (10.0 - 14.7)	14.1 (9.3 - 18.9)	8.0
3-233	4	n.a	n.a	n.a	17	20.0 (13.8 - 26.2)	33.1 (27.1 - 39.1)	11.6	21	20.9 (14.8 - 26.9)	31.9 (26.6 - 37.1)	10.7
3-234	0	n.a	n.a	n.a	6	11.7 (1.4 - 21.9)	4.0 (2.0 - 6.0)	2.4	6	11.7 (1.4 - 21.9)	4.0 (2.0 - 6.0)	2.4
3-235	2	n.a	n.a	n.a	31	22.4 (10.7 - 34.0)	11.5 (6.8 - 16.2)	3.6	33	23.4 (12.3 - 34.5)	11.4 (6.9 - 15.9)	3.4
3-236	9	26.8 (15.1 - 38.4)	24.2 (18.5 - 29.9)	6.3	85	21.0 (17.5 - 24.5)	25.6 (22.2 - 29.0)	8.5	94	21.6 (18.2 - 24.9)	25.5 (22.4 - 28.6)	8.3
3-237	2	n.a	n.a	n.a	26	20.9 (16.5 - 25.4)	16.8 (11.1 - 22.6)	5.6	28	20.8 (16.6 - 24.9)	17.8 (12.2 - 23.4)	6.0
3-238	6	19.8 (10.1 - 29.6)	5.7 (1.6 - 9.7)	2.0	2	n.a	n.a	n.a	8	18.6 (10.7 - 26.5)	6.5 (3.4 - 9.6)	2.4
3-239	18	38.7 (22.7 - 54.7)	27.2 (23.5 - 30.9)	4.9	4	n.a	n.a	n.a	22	37.7 (23.9 - 51.4)	25.6 (21.7 - 29.6)	4.8
3-240	10	59.1 (38.5 - 79.7)	41.2 (30.4 - 52.0)	4.9	4	n.a	n.a	n.a	14	47.5 (29.4 - 65.6)	35.1 (24.0 - 46.2)	5.2
3-241	1	n.a	n.a	n.a	3	n.a	n.a	n.a	4	n.a	n.a	n.a
3-242	10	14.0 (10.9 - 17.1)	10.4 (7.4 - 13.4)	5.2	50	10.1 (8.3 - 11.9)	7.3 (5.1 - 9.4)	5.0	61	10.7 (9.1 - 12.3)	7.8 (6.0 - 9.7)	5.1
3-243	21	18.4 (13.6 - 23.1)	21.4 (17.7 - 25.1)	8.1	139	17.0 (11.7 - 22.2)	13.9 (12.1 - 15.6)	5.7	160	17.2 (12.5 - 21.8)	14.8 (13.2 - 16.5)	6.1
3-244	48	32.4 (25.6 - 39.2)	32.9 (29.1 - 36.6)	7.1	358	21.4 (19.9 - 22.9)	20.9 (19.3 - 22.6)	6.9	407	22.8 (21.2 - 24.4)	22.3 (20.8 - 23.9)	6.9
3-245	14	42.7 (28.6 - 56.8)	35.7 (21.5 - 50.0)	5.9	124	25.8 (22.8 - 28.7)	22.7 (18.8 - 26.5)	6.2	139	27.7 (24.5 - 30.8)	23.9 (20.2 - 27.6)	6.1
Missing or excluded	58				225				286			
All episodes	**875**	**39.4 (36.8 - 42.0)**	**27.3 (26.0 - 28.7)**	**4.9**	**3,509**	**23.8 (23.1 - 24.5)**	**23.7 (23.1 - 24.3)**	**7.0**	**4,393**	**26.9 (26.1 - 27.7)**	**24.4 (23.9 - 25.0)**	**6.4**

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

Class	Description of V3 AN-SNAP class	Class	Description of V3 AN-SNAP class
3-202	Brain, Neurological, Spinal & Major Multiple Trauma, FIM 13	3-224	Amputation of limb, FIM motor 72-91
3-203	All other impairments, FIM 13	3-225	Amputation of limb, FIM motor 14-71
3-204	Stroke , FIM motor 63-91, FIM cognition 20-35	3-226	Pain Syndromes
3-205	Stroke , FIM motor 63-91, FIM cognition 5-19	3-227	Orthopaedic conditions, fractures, FIM motor 58-91
3-206	Stroke, FIM motor 47-62, FIM cognition 16-35	3-228	Orthopaedic conditions, fractures, FIM motor 48-57
3-207	Stroke, FIM motor 47-62, FIM cognition 5-15	3-229	Orthopaedic conditions, fractures, FIM motor 14-47, FIM cognition 19-35
3-208	Stroke, FIM motor 14-46, age>=75	3-230	Orthopaedic conditions, fractures, FIM motor 14-47, FIM cognition 5-18
3-209	Stroke, FIM motor 14-46, age<=74	3-231	Orthopaedic conditions, replacement, FIM motor 72-91
3-210	Brain Dysfunction, FIM motor 56-91, FIM cognition 32-35	3-232	Orthopaedic conditions, replacement, FIM motor 49-71
3-211	Brain Dysfunction, FIM motor 56-91, FIM cognition 24-31	3-233	Orthopaedic conditions, replacement, FIM motor 14-48
3-212	Brain Dysfunction, FIM motor 56-91, FIM cognition 20-23	3-234	Orthopaedic conditions, all other, FIM motor 68-91
3-213	Brain Dysfunction, FIM motor 56-91, FIM cognition 5-19	3-235	Orthopaedic conditions, all other, FIM motor 53-67
3 214	Brain Dysfunction, FIM motor 24-55	3-236	Orthopaedic conditions, all other, FIM motor 14-52
3-215	Brain Dysfunction, FIM motor 14-23	3-237	Cardiac
3-216	Neurological, FIM motor 63-91	3-238	Major Multiple Trauma, FIM total 101-126
3-217	Neurological, FIM motor 49-62	3-239	Major Multiple Trauma, FIM total 74-100 or Burns
3-218	Neurological, FIM motor 18-48	3-240	Major Multiple Trauma, FIM total 44-73
3-219	Neurological, FIM motor 14-17	3-241	Major Multiple Trauma, FIM total 19-43
3-220	Spinal Cord Dysfunction, FIM motor 81-91	3-242	All other impairments, FIM motor 67-91
3-221	Spinal Cord Dysfunction, FIM motor 47-80	3-243	All other impairments, FIM motor 53-66
3-222	Spinal Cord Dysfunction, FIM motor 14-46, age>=33	3-244	All other impairments, FIM motor 25-52
3-223	Spinal Cord Dysfunction, FIM motor 14-46, age<=32	3-245	All other impairments, FIM motor 14-24