

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



AN-SNAP class	Aged under 65				Aged 65 and over				National data benchmarks			
	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)	Mean (95%CI)	
5AZ1*	0	n.a	n.a	n.a	0	n.a	n.a	n.a	0	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	82	36.5 (32.1 - 41.0)	15.3 (11.1 - 19.5)	2.9	82	36.5 (32.1 - 41.0)	15.3 (11.1 - 19.5)	2.9
5AZ4 Stroke	52	75.6 (64.8 - 86.5)	33.9 (27.9 - 40.0)	3.1	59	55.2 (45.1 - 65.3)	23.3 (17.3 - 29.2)	3.0	111	64.8 (57.2 - 72.4)	28.3 (23.9 - 32.6)	3.1
5AZ3 All other impairments	0	n.a	n.a	n.a	142	30.5 (26.6 - 34.5)	22.3 (18.7 - 25.9)	5.1	142	30.5 (26.6 - 34.5)	22.3 (18.7 - 25.9)	5.1
5AZ4 All other impairments	18	64.4 (47.9 - 81.0)	31.2 (20.1 - 42.3)	3.4	57	42.9 (34.9 - 50.8)	24.0 (18.3 - 29.8)	3.9	75	48.0 (40.6 - 55.5)	25.8 (20.6 - 30.9)	3.8
5AA1	24	13.8 (9.9 - 17.6)	9.6 (7.2 - 12.1)	4.9	27	9.1 (6.9 - 11.4)	7.3 (2.4 - 12.2)	5.6	51	11.3 (9.1 - 13.6)	8.4 (5.6 - 11.2)	5.2
5AA2	30	14.8 (12.4 - 17.3)	13.3 (10.0 - 16.6)	6.3	47	13.7 (10.1 - 17.3)	9.9 (6.2 - 13.6)	5.1	77	14.2 (11.8 - 16.5)	11.2 (8.6 - 13.8)	5.5
5AA3	15	26.8 (19.6 - 34.0)	16.6 (11.5 - 21.7)	4.3	18	28.3 (19.3 - 37.3)	13.8 (10.2 - 17.4)	3.4	33	27.6 (21.8 - 33.4)	15.1 (12.0 - 18.1)	3.8
5AA4	34	25.5 (18.7 - 32.4)	23.7 (18.1 - 29.4)	6.5	127	18.1 (16.0 - 20.1)	22.2 (20.4 - 24.1)	8.6	162	19.6 (17.4 - 21.8)	22.6 (20.7 - 24.4)	8.1
5AA5	10	46.9 (28.3 - 65.5)	38.1 (30.6 - 45.6)	5.7	33	30.0 (20.3 - 39.7)	19.7 (14.7 - 24.6)	4.6	43	33.9 (25.2 - 42.7)	24.0 (19.2 - 28.7)	4.9
5AA6	0	n.a	n.a	n.a	103	25.8 (23.2 - 28.4)	27.1 (23.4 - 30.9)	7.4	103	25.8 (23.2 - 28.4)	27.1 (23.4 - 30.9)	7.4
5AA7	0	n.a	n.a	n.a	119	40.7 (35.6 - 45.8)	33.4 (29.9 - 36.9)	5.7	119	40.7 (35.6 - 45.8)	33.4 (29.9 - 36.9)	5.7
5AA8	79	45.1 (37.6 - 52.6)	39.1 (34.5 - 43.7)	6.1	14	44.3 (23.7 - 64.9)	30.3 (22.1 - 38.4)	4.8	93	45.0 (37.9 - 52.0)	37.8 (33.6 - 41.9)	5.9
5ABI-6*												
5AC1	3	n.a	n.a	n.a	9	23.2 (2.4 - 44.1)	1.6 (-4.1 - 7.2)	0.5	12	19.9 (4.1 - 35.7)	3.3 (-1.5 - 8.2)	1.2
5AC2	16	17.9 (12.6 - 23.2)	24.1 (20.2 - 28.0)	9.4	14	26.6 (14.0 - 39.2)	11.6 (3.0 - 20.3)	3.1	30	21.9 (15.3 - 28.5)	18.3 (13.3 - 23.3)	5.8
5AC3	22	30.3 (20.6 - 39.9)	37.6 (31.1 - 44.2)	8.7	31	24.9 (18.6 - 31.1)	20.1 (14.3 - 26.0)	5.7	53	27.1 (21.7 - 32.5)	27.4 (22.5 - 32.3)	7.1
5ADI-3*												
5AE1	21	43.6 (30.5 - 56.7)	14.5 (10.3 - 18.7)	2.3	48	26.3 (21.8 - 30.7)	17.7 (13.8 - 21.7)	4.7	70	31.2 (25.9 - 36.5)	16.7 (13.7 - 19.7)	3.7
5AH1	10	16.7 (7.0 - 26.4)	11.6 (7.5 - 15.7)	4.9	128	13.4 (11.8 - 15.0)	15.3 (13.7 - 16.9)	8.0	138	13.7 (12.0 - 15.3)	15.0 (13.5 - 16.6)	7.7
5AH2	7	23.3 (10.4 - 36.2)	20.1 (14.7 - 25.6)	6.1	182	15.6 (14.0 - 17.2)	16.1 (14.8 - 17.4)	7.2	189	15.9 (14.3 - 17.5)	16.3 (15.0 - 17.5)	7.2
5AH3	1	n.a	n.a	n.a	26	19.5 (13.1 - 25.9)	16.0 (12.1 - 19.8)	5.7	27	19.4 (13.2 - 25.5)	16.1 (12.4 - 19.8)	5.8
5AH4	49	29.8 (24.1 - 35.5)	33.0 (29.4 - 36.7)	7.8	821	23.2 (22.2 - 24.1)	29.6 (28.5 - 30.7)	8.9	872	23.5 (22.5 - 24.5)	29.8 (28.8 - 30.8)	8.9
5A41	0	n.a	n.a	n.a	8	10.5 (7.4 - 13.6)	6.0 (1.5 - 10.5)	4.0	8	10.5 (7.4 - 13.6)	6.0 (1.5 - 10.5)	4.0
5A42	0	n.a	n.a	n.a	16	14.0 (11.2 - 16.8)	17.5 (11.9 - 23.1)	8.8	16	14.0 (11.2 - 16.8)	17.5 (11.9 - 23.1)	8.8
5A43	3	n.a	n.a	n.a	15	25.5 (11.1 - 39.9)	30.0 (26.8 - 33.2)	8.2	18	26.2 (13.8 - 38.6)	28.8 (25.6 - 32.1)	7.7

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



AN-SNAP class	Aged under 65				Aged 65 and over				National data benchmarks			
	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)	Mean (95%CI)	
5A21	1	n.a	n.a	n.a	24	19.8 (5.9 - 33.6)	13.4 (10.4 - 16.4)	4.8	25	19.2 (5.8 - 32.6)	13.1 (10.2 - 16.0)	4.8
5A22	6	32.8 (17.8 - 47.8)	27.5 (22.0 - 33.0)	5.9	26	17.8 (13.4 - 22.2)	17.9 (12.1 - 23.7)	7.0	32	20.6 (15.7 - 25.5)	19.7 (14.7 - 24.6)	6.7
5A23	0	n.a	n.a	n.a	45	23.7 (19.7 - 27.8)	28.3 (22.8 - 33.8)	8.3	45	23.7 (19.7 - 27.8)	28.3 (22.8 - 33.8)	8.3
5A31	3	n.a	n.a	n.a	2	n.a	n.a	n.a	5	15.0 (4.1 - 25.9)	7.2 (2.0 - 12.4)	3.4
5A32	1	n.a	n.a	n.a	43	19.7 (15.3 - 24.2)	18.0 (13.3 - 22.7)	6.4	44	19.8 (15.5 - 24.2)	17.9 (13.3 - 22.5)	6.3
5A33	2	n.a	n.a	n.a	35	20.3 (16.3 - 24.2)	23.7 (17.6 - 29.9)	8.2	37	21.6 (17.5 - 25.8)	23.5 (17.6 - 29.3)	7.6
5API*	0	n.a	n.a	n.a	2	n.a	n.a	n.a	2	n.a	n.a	n.a
5AP2*	2	n.a	n.a	n.a	0	n.a	n.a	n.a	2	n.a	n.a	n.a
5AR1	9	12.1 (9.8 - 14.5)	10.1 (4.3 - 15.9)	5.8	33	8.6 (7.0 - 10.2)	5.3 (3.2 - 7.5)	4.3	42	9.4 (8.0 - 10.8)	6.4 (4.2 - 8.5)	4.8
5AR2	7	19.0 (6.0 - 32.0)	16.6 (10.4 - 22.7)	6.1	26	16.5 (12.1 - 21.0)	10.2 (6.7 - 13.8)	4.3	33	17.1 (12.7 - 21.4)	11.6 (8.4 - 14.7)	4.7
5AR3	19	26.9 (17.2 - 36.7)	19.5 (14.4 - 24.6)	5.1	140	17.0 (14.9 - 19.1)	17.0 (15.3 - 18.6)	7.0	159	18.2 (16.0 - 20.4)	17.3 (15.7 - 18.9)	6.6
5AR4	2	n.a	n.a	n.a	16	20.1 (13.3 - 26.8)	14.8 (8.9 - 20.6)	5.1	19	21.8 (14.8 - 28.8)	17.1 (11.5 - 22.6)	5.5
5AR5	33	32.3 (27.2 - 37.5)	29.5 (22.5 - 36.6)	6.4	281	24.1 (21.9 - 26.3)	23.6 (21.6 - 25.6)	6.9	314	24.9 (22.9 - 27.0)	24.2 (22.3 - 26.2)	6.8
5A91	3	n.a	n.a	n.a	12	16.3 (8.3 - 24.2)	14.3 (8.4 - 20.3)	6.2	15	15.7 (9.3 - 22.1)	13.1 (8.2 - 18.1)	5.9
5A92	6	13.5 (6.8 - 20.2)	33.2 (18.4 - 47.9)	17.2	23	19.4 (12.6 - 26.3)	13.0 (8.9 - 17.0)	4.7	29	18.2 (12.6 - 23.9)	17.1 (11.9 - 22.4)	6.6
5A93	6	57.8 (25.0 - 90.7)	28.5 (13.2 - 43.8)	3.4	21	27.8 (19.8 - 35.9)	22.6 (16.8 - 28.4)	5.7	27	34.5 (24.1 - 44.9)	23.9 (18.3 - 29.4)	4.8
Missing or excluded*	380				477				859			
All episodes	874	42.1 (39.4 - 44.7)	27.2 (25.9 - 28.6)	4.5	3,282	25.7 (24.9 - 26.6)	23.0 (22.4 - 23.6)	6.3	4,156	29.2 (28.3 - 30.1)	23.9 (23.4 - 24.5)	5.7

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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

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	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)	Mean (95%CI)	
4AZ1*	0	n.a	n.a	n.a	0	n.a	n.a	n.a	0	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	303	39.1 (35.7 - 42.4)	20.5 (18.0 - 22.9)	3.7	303	39.1 (35.7 - 42.4)	20.5 (18.0 - 22.9)	3.7
4AZ4	69	72.8 (63.5 - 82.2)	33.4 (27.9 - 38.9)	3.2	0	n.a	n.a	n.a	69	72.8 (63.5 - 82.2)	33.4 (27.9 - 38.9)	3.2
4AA1	37	16.6 (12.9 - 20.4)	13.7 (10.6 - 16.8)	5.8	64	11.7 (9.9 - 13.6)	14.0 (11.1 - 17.0)	8.4	101	13.5 (11.7 - 15.4)	13.9 (11.7 - 16.1)	7.2
4AA2	48	18.1 (15.2 - 21.1)	17.1 (14.1 - 20.2)	6.6	105	16.6 (14.2 - 19.0)	16.2 (13.7 - 18.8)	6.8	154	17.0 (15.1 - 18.9)	16.6 (14.6 - 18.6)	6.8
4AA3	18	40.0 (28.1 - 51.9)	26.7 (19.4 - 33.9)	4.7	37	29.2 (21.6 - 36.8)	16.1 (12.2 - 19.9)	3.8	55	32.7 (26.2 - 39.3)	19.5 (15.8 - 23.2)	4.2
4AA4	0	n.a	n.a	n.a	103	22.8 (20.1 - 25.4)	27.7 (25.2 - 30.2)	8.5	103	22.8 (20.1 - 25.4)	27.7 (25.2 - 30.2)	8.5
4AA5	33	30.9 (20.4 - 41.5)	32.1 (25.1 - 39.1)	7.3	14	36.7 (19.6 - 53.8)	27.9 (20.8 - 35.0)	5.3	47	32.6 (23.7 - 41.6)	30.8 (25.5 - 36.2)	6.6
4AA6	0	n.a	n.a	n.a	151	38.2 (34.0 - 42.3)	30.9 (27.5 - 34.3)	5.7	151	38.2 (34.0 - 42.3)	30.9 (27.5 - 34.3)	5.7
4AA7	55	51.1 (42.3 - 60.0)	40.3 (34.4 - 46.3)	5.5	15	42.6 (23.6 - 61.6)	34.7 (25.8 - 43.5)	5.7	70	49.3 (41.3 - 57.4)	39.1 (34.1 - 44.1)	5.6
4ABI-7*												
4AC1	9	17.7 (8.6 - 26.8)	18.7 (12.9 - 24.4)	7.4	14	20.3 (6.8 - 33.8)	3.5 (-4.8 - 11.8)	1.2	23	19.3 (10.5 - 28.1)	9.4 (3.2 - 15.7)	3.4
4AC2	18	18.9 (13.5 - 24.2)	30.0 (23.9 - 36.1)	11.1	20	25.4 (16.5 - 34.2)	16.9 (12.9 - 20.8)	4.7	38	22.3 (16.9 - 27.6)	23.1 (19.0 - 27.2)	7.2
4AC3	14	34.5 (20.9 - 48.1)	37.9 (28.9 - 47.0)	7.7	20	28.1 (18.9 - 37.2)	20.8 (12.0 - 29.5)	5.2	34	30.7 (23.0 - 38.4)	27.8 (20.9 - 34.7)	6.3
4ADI-4*												
4AE1	1	n.a	n.a	n.a	2	n.a	n.a	n.a	3	n.a	n.a	n.a
4AE2	12	40.5 (21.7 - 59.3)	15.5 (10.0 - 21.0)	2.7	33	22.0 (17.8 - 26.2)	16.0 (12.2 - 19.8)	5.1	45	26.9 (20.7 - 33.2)	15.9 (12.7 - 19.0)	4.1
4AE3	6	74.0 (58.8 - 89.2)	22.5 (12.8 - 32.2)	2.1	14	38.1 (28.8 - 47.5)	24.8 (15.4 - 34.2)	4.5	20	48.9 (38.2 - 59.6)	24.1 (17.1 - 31.1)	3.4
4AE4	4	n.a	n.a	n.a	0	n.a	n.a	n.a	4	n.a	n.a	n.a

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		Mean (95%CI)	Mean (95%CI)			Mean (95%CI)	Mean (95%CI)			Mean (95%CI)	Mean (95%CI)	
4AH1	10	16.7 (7.0 - 26.4)	11.6 (7.5 - 15.7)	4.9	135	14.4 (12.7 - 16.2)	15.4 (13.8 - 17.0)	7.4	145	14.6 (12.8 - 16.4)	15.1 (13.6 - 16.6)	7.2
4AH2	8	22.5 (11.2 - 33.8)	20.1 (15.4 - 24.9)	6.3	216	16.5 (14.9 - 18.1)	16.3 (15.1 - 17.5)	6.9	224	16.7 (15.1 - 18.3)	16.4 (15.2 - 17.6)	6.9
4AH3	16	26.1 (16.5 - 35.6)	31.7 (26.8 - 36.6)	8.5	228	19.2 (17.7 - 20.7)	24.9 (23.3 - 26.5)	9.1	244	19.6 (18.1 - 21.2)	25.4 (23.8 - 26.9)	9.0
4AH4	35	32.9 (26.0 - 39.9)	33.1 (28.4 - 37.9)	7.0	607	25.0 (23.8 - 26.2)	31.6 (30.2 - 32.9)	8.9	644	25.3 (24.1 - 26.5)	31.6 (30.4 - 32.9)	8.7
4A21	1	na	na	na	12	10.3 (5.2 - 15.4)	4.8 (2.2 - 7.3)	3.2	13	10.0 (5.3 - 14.7)	4.8 (2.4 - 7.2)	3.4
4A22	3	na	na	na	42	18.9 (10.8 - 27.0)	16.0 (13.2 - 18.7)	5.9	45	19.7 (11.9 - 27.4)	16.7 (13.9 - 19.4)	5.9
4A23	6	32.7 (17.4 - 48.0)	25.7 (19.2 - 32.1)	5.5	80	22.2 (18.6 - 25.9)	26.4 (22.7 - 30.0)	8.3	86	22.9 (19.4 - 26.5)	26.3 (22.9 - 29.8)	8.0
4A31	2	na	na	na	1	na	na	na	3	na	na	na
4A32	2	na	na	na	16	13.7 (8.4 - 19.0)	12.9 (6.4 - 19.4)	6.6	18	14.2 (9.3 - 19.0)	13.1 (7.3 - 18.8)	6.5
4A33	0	na	na	na	34	21.8 (16.9 - 26.7)	20.7 (15.0 - 26.3)	6.6	34	21.8 (16.9 - 26.7)	20.7 (15.0 - 26.3)	6.6
4A34	2	na	na	na	29	20.8 (16.2 - 25.5)	24.2 (17.5 - 30.9)	8.1	31	22.4 (17.6 - 27.3)	23.8 (17.5 - 30.2)	7.4
4API*	2	na	na	na	2	na	na	na	4	na	na	na
4AR1	14	15.8 (9.1 - 22.4)	11.7 (7.4 - 16.1)	5.2	52	12.2 (9.6 - 14.8)	6.4 (4.3 - 8.5)	3.6	66	13.0 (10.5 - 15.5)	7.5 (5.6 - 9.4)	4.0
4AR2	17	21.6 (11.7 - 31.6)	18.9 (13.4 - 24.4)	6.1	87	14.7 (12.6 - 16.8)	17.0 (15.1 - 18.9)	8.1	104	15.9 (13.4 - 18.3)	17.3 (15.5 - 19.2)	7.6
4AR3	6	41.7 (30.0 - 53.3)	25.8 (18.8 - 32.9)	4.3	72	20.2 (16.7 - 23.6)	16.1 (13.4 - 18.7)	5.6	79	21.7 (18.2 - 25.2)	16.9 (14.4 - 19.5)	5.5
4AR4	5	26.6 (14.3 - 38.9)	34.2 (26.8 - 41.6)	9.0	24	20.9 (15.2 - 26.6)	25.7 (20.8 - 30.6)	8.6	29	21.9 (16.8 - 27.0)	27.2 (22.8 - 31.6)	8.7
4AR5	11	30.3 (20.7 - 39.9)	19.5 (6.9 - 32.2)	4.5	134	22.2 (18.7 - 25.8)	20.9 (18.2 - 23.6)	6.6	145	22.9 (19.5 - 26.2)	20.8 (18.1 - 23.4)	6.4
4AR6	17	35.3 (28.3 - 42.3)	34.6 (24.6 - 44.7)	6.9	134	26.3 (23.5 - 29.2)	25.1 (22.0 - 28.3)	6.7	151	27.3 (24.7 - 30.0)	26.2 (23.2 - 29.3)	6.7
4A91	3	na	na	na	18	15.4 (10.0 - 20.9)	11.9 (6.7 - 17.1)	5.4	21	15.1 (10.4 - 19.9)	11.4 (6.9 - 15.9)	5.3
4A92	8	16.1 (9.5 - 22.8)	35.1 (24.0 - 46.2)	15.2	26	22.0 (14.6 - 29.4)	18.0 (14.2 - 21.8)	5.7	34	20.6 (14.7 - 26.5)	22.0 (17.5 - 26.6)	7.5
4A93	2	na	na	na	12	31.4 (21.6 - 41.2)	21.8 (12.8 - 30.9)	4.9	14	34.9 (23.0 - 46.9)	23.8 (15.1 - 32.4)	4.8
Missing or excluded*	380				426				812			
All episodes	874	42.1 (39.4 - 44.7)	27.2 (25.9 - 28.6)	4.5	3,282	25.7 (24.9 - 26.6)	23.0 (22.4 - 23.6)	6.3	4,166	29.2 (28.3 - 30.1)	23.9 (23.4 - 24.5)	5.7

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, Calendar Year 2023 (1/2)



AN-SNAP class	Aged under 65				Aged 65 and over				National data benchmarks			
	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)	Mean (95%CI)	
3-202	43	108.8 (88.7 - 128.9)	28.5 (19.8 - 37.1)	1.8	24	108.6 (89.8 - 127.4)	27.9 (18.9 - 36.9)	1.8	67	108.7 (94.3 - 123.2)	28.3 (21.9 - 34.6)	1.8
3-203	30	81.6 (66.3 - 96.8)	33.0 (23.9 - 42.0)	2.8	82	45.7 (38.0 - 53.4)	17.5 (12.6 - 22.3)	2.7	112	55.3 (47.8 - 62.9)	21.6 (17.2 - 26.1)	2.7
3-204	59	14.8 (12.7 - 16.9)	12.1 (10.0 - 14.1)	5.7	75	12.0 (9.6 - 14.5)	9.0 (6.1 - 11.9)	5.2	134	13.3 (11.6 - 14.9)	10.4 (8.5 - 12.2)	5.5
3-205	11	28.2 (18.6 - 37.8)	16.9 (10.2 - 23.6)	4.2	18	28.3 (19.3 - 37.3)	13.8 (10.2 - 17.4)	3.4	29	28.2 (21.7 - 34.8)	15.0 (11.6 - 18.3)	3.7
3-206	33	27.5 (19.5 - 35.4)	25.6 (21.5 - 29.7)	6.5	121	18.0 (16.0 - 20.1)	21.5 (19.6 - 23.4)	8.4	155	20.0 (17.6 - 22.4)	22.4 (20.7 - 24.2)	7.9
3-207	6	52.7 (32.4 - 72.9)	43.2 (39.1 - 47.2)	5.7	20	27.6 (15.4 - 39.7)	20.7 (13.9 - 27.5)	5.3	26	33.3 (22.3 - 44.4)	25.9 (19.4 - 32.3)	5.4
3-208	0	na	na	na	235	34.2 (31.2 - 37.2)	26.2 (23.6 - 28.8)	5.4	235	34.2 (31.2 - 37.2)	26.2 (23.6 - 28.8)	5.4
3-209	110	49.9 (43.5 - 56.4)	37.1 (33.0 - 41.3)	5.2	98	38.5 (33.0 - 44.0)	31.3 (27.6 - 35.0)	5.7	208	44.6 (40.2 - 48.9)	34.4 (31.6 - 37.2)	5.4
3-210	13	13.2 (9.8 - 16.7)	8.7 (3.9 - 13.4)	4.6	4	na	na	na	17	12.6 (9.5 - 15.7)	9.4 (5.4 - 13.5)	5.2
3-211	46	21.9 (17.1 - 26.7)	14.5 (11.6 - 17.4)	4.6	19	22.7 (9.6 - 35.7)	18.1 (13.8 - 22.4)	5.6	65	22.1 (17.1 - 27.2)	15.6 (13.1 - 18.0)	4.9
3-212	23	26.0 (18.5 - 33.6)	19.0 (15.4 - 22.6)	5.1	8	25.5 (15.2 - 35.8)	18.4 (8.0 - 28.7)	5.0	31	25.9 (19.8 - 32.0)	18.8 (15.2 - 22.5)	5.1
3-213	24	35.3 (25.3 - 45.3)	26.8 (22.3 - 31.3)	5.3	10	49.0 (30.7 - 67.3)	24.5 (15.6 - 33.4)	3.5	34	39.3 (30.3 - 48.3)	26.1 (22.1 - 30.2)	4.7
3-214	37	51.7 (38.1 - 65.2)	42.5 (36.8 - 48.1)	5.8	40	35.1 (23.8 - 46.4)	29.3 (23.3 - 35.3)	5.8	77	43.1 (34.2 - 52.0)	35.6 (31.3 - 40.0)	5.8
3-215	8	68.0 (41.9 - 94.1)	62.4 (51.7 - 73.1)	6.4	16	71.1 (42.3 - 99.9)	32.9 (19.4 - 46.4)	3.2	25	71.3 (51.3 - 91.3)	44.3 (33.2 - 55.4)	4.4
3-216	7	18.3 (6.5 - 30.0)	17.1 (10.1 - 24.2)	6.6	12	21.3 (5.5 - 37.0)	2.1 (-7.4 - 11.6)	0.7	19	20.2 (9.5 - 30.8)	7.6 (0.4 - 14.9)	2.7
3-217	13	16.5 (12.9 - 20.1)	24.8 (20.0 - 29.6)	10.5	11	29.6 (14.2 - 45.1)	13.8 (8.6 - 19.1)	3.3	24	22.5 (14.9 - 30.2)	19.8 (15.6 - 23.9)	6.1
3-218	21	30.4 (20.3 - 40.5)	38.0 (31.1 - 44.8)	8.7	32	30.9 (17.6 - 44.2)	19.5 (13.7 - 25.3)	4.4	53	30.7 (21.8 - 39.6)	26.8 (21.8 - 31.9)	6.1
3-219	3	na	na	na	1	na	na	na	4	na	na	na
3-220	4	na	na	na	1	na	na	na	5	10.0 (7.5 - 12.5)	4.0 (2.4 - 5.6)	2.8
3-221	30	27.2 (21.3 - 33.1)	17.3 (14.2 - 20.3)	4.4	5	30.2 (26.0 - 34.4)	17.6 (10.1 - 25.1)	4.1	36	28.0 (23.0 - 33.0)	17.6 (14.8 - 20.3)	4.4
3-222	51	68.6 (58.8 - 78.5)	36.7 (31.6 - 41.8)	3.7	48	62.5 (54.1 - 71.0)	27.8 (22.3 - 33.2)	3.1	99	65.7 (59.2 - 72.2)	32.4 (28.5 - 36.2)	3.4
3-223	16	58.9 (42.5 - 75.4)	33.1 (21.2 - 44.9)	3.9	0	na	na	na	16	58.9 (42.5 - 75.4)	33.1 (21.2 - 44.9)	3.9

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, Calendar Year 2023 (2/2)

AN-SNAP class	Aged under 65				Aged 65 and over				National data benchmarks			
	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)	Mean (95%CI)	
3-224	2	na	na	na	3	na	na	na	5	20.8 (-0.4 - 42.0)	3.0 (1.6 - 4.4)	1.0
3-225	21	48.8 (34.9 - 62.7)	17.0 (12.4 - 21.6)	2.4	47	28.7 (23.7 - 33.7)	19.3 (15.4 - 23.2)	4.7	69	34.6 (28.7 - 40.4)	18.6 (15.5 - 21.6)	3.8
3-226	5	27.4 (11.9 - 42.9)	12.4 (4.5 - 20.3)	3.2	60	18.9 (15.6 - 22.2)	21.1 (16.7 - 25.5)	7.8	65	19.6 (16.3 - 22.8)	20.4 (16.3 - 24.6)	7.3
3-227	12	23.3 (13.1 - 33.4)	13.7 (9.0 - 18.3)	4.1	144	12.1 (10.8 - 13.4)	12.6 (11.2 - 13.9)	7.3	156	12.9 (11.4 - 14.4)	12.7 (11.4 - 14.0)	6.9
3-228	7	12.6 (8.5 - 16.6)	19.9 (15.3 - 24.4)	11.1	204	18.0 (16.3 - 19.7)	18.4 (17.1 - 19.6)	7.2	211	17.8 (16.1 - 19.4)	18.4 (17.2 - 19.7)	7.3
3-229	46	31.8 (25.7 - 38.0)	33.2 (29.3 - 37.1)	7.3	722	24.1 (22.9 - 25.2)	30.3 (29.2 - 31.4)	8.8	770	24.5 (23.4 - 25.6)	30.5 (29.4 - 31.5)	8.7
3-230	5	23.2 (17.6 - 28.8)	24.6 (14.7 - 34.5)	7.4	191	24.4 (22.1 - 26.6)	25.7 (23.0 - 28.4)	7.4	196	24.3 (22.1 - 26.5)	25.7 (23.0 - 28.3)	7.4
3-231	0	na	na	na	2	na	na	na	2	na	na	na
3-232	0	na	na	na	18	12.9 (10.2 - 15.6)	12.3 (7.0 - 17.7)	6.7	18	12.9 (10.2 - 15.6)	12.3 (7.0 - 17.7)	6.7
3-233	3	na	na	na	21	22.2 (11.8 - 32.7)	30.1 (26.4 - 33.8)	9.5	24	23.2 (13.7 - 32.7)	29.3 (25.7 - 32.8)	8.8
3-234	1	na	na	na	6	10.7 (0.4 - 21.0)	5.3 (2.7 - 7.9)	3.5	7	10.0 (1.2 - 18.8)	5.4 (3.2 - 7.6)	3.8
3-235	2	na	na	na	23	23.0 (8.4 - 37.5)	13.9 (10.3 - 17.4)	4.2	25	24.4 (10.8 - 37.9)	14.9 (11.3 - 18.6)	4.3
3-236	4	na	na	na	68	21.4 (18.4 - 24.4)	26.2 (22.0 - 30.5)	8.6	72	21.8 (18.8 - 24.9)	26.3 (22.3 - 30.3)	8.4
3-237	1	na	na	na	9	20.6 (13.8 - 27.3)	10.6 (3.6 - 17.5)	3.6	10	19.7 (13.5 - 25.9)	11.2 (4.9 - 17.5)	4.0
3-238	3	na	na	na	2	na	na	na	5	21.0 (11.8 - 30.2)	8.4 (1.2 - 15.6)	2.8
3-239	18	48.9 (29.6 - 68.3)	23.9 (20.1 - 27.8)	3.4	3	na	na	na	21	46.0 (28.9 - 63.0)	24.3 (20.7 - 28.0)	3.7
3-240	15	65.3 (45.7 - 85.0)	40.8 (32.8 - 48.8)	4.4	5	65.4 (13.1 - 117.7)	18.2 (-7.7 - 44.1)	1.9	20	65.4 (46.5 - 84.2)	35.2 (25.7 - 44.6)	3.8
3-241	1	na	na	na	3	na	na	na	4	na	na	na
3-242	15	12.8 (10.9 - 14.7)	10.5 (7.4 - 13.7)	5.8	50	11.9 (9.3 - 14.6)	5.9 (3.7 - 8.2)	3.5	65	12.1 (10.1 - 14.2)	7.0 (5.0 - 8.9)	4.0
3-243	23	28.2 (19.1 - 37.3)	20.0 (15.3 - 24.6)	5.0	131	15.9 (13.8 - 18.0)	15.1 (13.3 - 16.8)	6.6	155	17.7 (15.4 - 20.0)	15.9 (14.2 - 17.5)	6.3
3-244	38	29.5 (24.0 - 35.0)	30.3 (24.6 - 36.1)	7.2	341	23.1 (21.2 - 25.0)	21.5 (19.9 - 23.1)	6.5	379	23.7 (21.9 - 25.5)	22.4 (20.8 - 24.0)	6.6
3-245	11	43.7 (24.9 - 62.6)	24.3 (9.9 - 38.7)	3.9	106	30.5 (26.6 - 34.3)	22.4 (18.4 - 26.4)	5.1	117	31.7 (27.8 - 35.6)	22.6 (18.7 - 26.4)	5.0
Missing or excluded	53				243				299			
All episodes	874	42.1 (39.4 - 44.7)	27.2 (25.9 - 28.6)	4.5	3,282	25.7 (24.9 - 26.6)	23.0 (22.4 - 23.6)	6.3	4,166	29.2 (28.3 - 30.1)	23.9 (23.4 - 24.5)	5.7

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