

LOS and FIM Change Benchmarks of completed episodes in New Zealand, by V5 AN-SNAP class and sector, Financial Year 2024 (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	76	38.5 (33.9 - 43.1)	15.7 (10.8 - 20.5)	2.9	76	38.5 (33.9 - 43.1)	15.7 (10.8 - 20.5)	2.9
5AZ4 Stroke	38	81.9 (67.5 - 96.3)	33.1 (26.0 - 40.1)	2.8	63	59.9 (49.4 - 70.4)	28.2 (21.7 - 34.7)	3.3	101	68.2 (59.5 - 76.9)	30.0 (25.2 - 34.9)	3.1
5AZ3 All other impairments	0	n.a	n.a	n.a	107	29.9 (26.4 - 33.4)	21.1 (17.4 - 24.9)	4.9	107	29.9 (26.4 - 33.4)	21.1 (17.4 - 24.9)	4.9
5AZ4 All other impairments	14	70.8 (45.9 - 95.7)	28.3 (15.0 - 41.5)	2.8	45	47.2 (36.4 - 58.0)	25.3 (18.3 - 32.3)	3.8	59	52.8 (42.5 - 63.2)	26.0 (19.9 - 32.2)	3.4
5AA1	25	13.7 (10.0 - 17.4)	7.7 (5.4 - 10.0)	3.9	23	10.9 (8.8 - 12.9)	6.7 (1.1 - 12.3)	4.3	48	12.3 (10.2 - 14.5)	7.2 (4.3 - 10.1)	4.1
5AA2	23	16.9 (12.9 - 20.8)	12.7 (9.5 - 16.0)	5.3	41	14.4 (11.9 - 17.0)	11.7 (7.5 - 16.0)	5.7	64	15.3 (13.1 - 17.5)	12.1 (9.1 - 15.1)	5.5
5AA3	14	27.3 (15.8 - 38.7)	19.2 (14.2 - 24.3)	4.9	11	27.7 (15.3 - 40.1)	14.7 (9.5 - 19.9)	3.7	25	27.5 (19.2 - 35.7)	17.2 (13.6 - 20.9)	4.4
5AA4	30	26.0 (18.7 - 33.3)	24.5 (19.8 - 29.2)	6.6	110	19.2 (16.8 - 21.6)	21.8 (19.5 - 24.2)	8.0	141	20.5 (18.1 - 23.0)	22.5 (20.4 - 24.5)	7.7
5AA5	12	54.1 (31.0 - 77.1)	39.7 (34.3 - 45.0)	5.1	23	26.7 (17.0 - 36.3)	21.0 (14.9 - 27.2)	5.5	35	36.1 (25.2 - 46.9)	27.4 (22.1 - 32.7)	5.3
5AA6	0	n.a	n.a	n.a	109	27.8 (24.8 - 30.9)	25.9 (22.6 - 29.2)	6.5	109	27.8 (24.8 - 30.9)	25.9 (22.6 - 29.2)	6.5
5AA7	0	n.a	n.a	n.a	110	42.6 (37.6 - 47.7)	33.0 (29.5 - 36.5)	5.4	110	42.6 (37.6 - 47.7)	33.0 (29.5 - 36.5)	5.4
5AA8	82	52.8 (45.1 - 60.5)	39.4 (35.3 - 43.5)	5.2	18	39.4 (28.5 - 50.4)	31.0 (23.4 - 38.6)	5.5	100	50.4 (43.7 - 57.0)	37.9 (34.2 - 41.5)	5.3
5ABI-6*												
5AC1	3	n.a	n.a	n.a	5	25.4 (-14.2 - 65.0)	-1.4 (-5.8 - 3.0)	-0.4	8	19.5 (-4.9 - 43.9)	4.0 (-2.2 - 10.2)	1.4
5AC2	13	15.9 (10.9 - 20.9)	24.7 (21.2 - 28.2)	10.9	8	23.9 (7.7 - 40.0)	10.9 (-4.3 - 26.0)	3.2	21	19.0 (12.1 - 25.8)	19.4 (12.8 - 26.0)	7.2
5AC3	20	33.5 (25.9 - 41.0)	31.7 (23.6 - 39.8)	6.6	19	28.5 (14.4 - 42.5)	18.2 (11.7 - 24.6)	4.5	39	31.0 (23.2 - 38.8)	25.1 (19.5 - 30.7)	5.7
5ADI-3*												
5AE1	17	35.2 (22.1 - 48.4)	13.4 (7.3 - 19.4)	2.7	41	29.2 (23.3 - 35.0)	19.6 (14.7 - 24.5)	4.7	58	30.9 (25.3 - 36.6)	17.7 (13.8 - 21.7)	4.0
5AH1	7	9.0 (5.3 - 12.7)	9.6 (0.9 - 18.2)	7.4	76	12.6 (10.6 - 14.5)	13.6 (11.5 - 15.6)	7.6	83	12.3 (10.5 - 14.1)	13.2 (11.2 - 15.3)	7.6
5AH2	10	22.2 (10.8 - 33.6)	19.2 (12.3 - 26.1)	6.1	125	16.1 (14.4 - 17.8)	15.3 (13.6 - 17.0)	6.6	135	16.6 (14.8 - 18.3)	15.6 (13.9 - 17.3)	6.6
5AH3	0	n.a	n.a	n.a	19	14.8 (10.9 - 18.7)	14.4 (11.0 - 17.8)	6.8	19	14.8 (10.9 - 18.7)	14.4 (11.0 - 17.8)	6.8
5AH4	32	25.9 (20.4 - 31.5)	29.3 (24.8 - 33.9)	7.9	483	23.6 (22.3 - 25.0)	27.9 (26.6 - 29.3)	8.3	516	23.7 (22.4 - 25.0)	28.0 (26.7 - 29.3)	8.3
5A41	2	n.a	n.a	n.a	9	8.6 (5.3 - 11.9)	7.8 (2.8 - 12.7)	6.4	11	8.6 (6.0 - 11.3)	8.7 (4.5 - 12.9)	7.1
5A42	1	n.a	n.a	n.a	12	12.8 (9.2 - 16.5)	18.8 (11.2 - 26.3)	10.2	13	12.7 (9.3 - 16.1)	19.6 (12.5 - 26.7)	10.8
5A43	1	n.a	n.a	n.a	13	32.4 (15.7 - 49.1)	30.5 (25.7 - 35.3)	6.6	14	34.6 (18.5 - 50.6)	29.0 (23.7 - 34.3)	5.9

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

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 2024 (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	2	n.a	n.a	n.a	13	12.8 (6.6 - 18.9)	13.8 (11.2 - 16.5)	7.6	15	11.5 (6.0 - 17.1)	12.7 (9.9 - 15.4)	7.7
5A22	3	n.a	n.a	n.a	17	16.4 (13.2 - 19.6)	21.6 (16.9 - 26.3)	9.2	20	20.6 (12.6 - 28.5)	22.1 (17.8 - 26.3)	7.5
5A23	1	n.a	n.a	n.a	24	27.5 (22.5 - 32.5)	24.7 (18.1 - 31.3)	6.3	25	27.5 (22.7 - 32.3)	24.4 (18.1 - 30.8)	6.2
5A31	2	n.a	n.a	n.a	4	n.a	n.a	n.a	6	9.5 (4.8 - 14.2)	11.5 (6.7 - 16.3)	8.5
5A32	1	n.a	n.a	n.a	41	18.3 (14.4 - 22.1)	15.9 (11.0 - 20.8)	6.1	42	18.4 (14.7 - 22.2)	15.8 (11.0 - 20.6)	6.0
5A33	4	n.a	n.a	n.a	26	23.2 (18.1 - 28.2)	22.2 (16.0 - 28.4)	6.7	30	24.6 (19.8 - 29.4)	22.9 (17.1 - 28.6)	6.5
5API*	2	n.a	n.a	n.a	3	n.a	n.a	n.a	5	22.6 (5.5 - 39.7)	23.4 (15.4 - 31.4)	7.2
5AP2*	1	n.a	n.a	n.a	2	n.a	n.a	n.a	3	n.a	n.a	n.a
5ARI	13	11.5 (9.3 - 13.6)	8.0 (3.4 - 12.6)	4.9	28	11.5 (9.0 - 13.9)	5.0 (2.6 - 7.3)	3.0	41	11.5 (9.7 - 13.3)	5.9 (3.7 - 8.1)	3.6
5AR2	6	18.8 (3.1 - 34.6)	14.5 (9.1 - 19.9)	5.4	24	15.0 (10.1 - 19.9)	11.6 (7.5 - 15.7)	5.4	30	15.7 (10.8 - 20.6)	12.2 (8.7 - 15.6)	5.4
5AR3	19	24.4 (15.2 - 33.7)	15.6 (10.1 - 21.0)	4.5	132	18.1 (15.7 - 20.4)	17.1 (15.3 - 18.9)	6.6	151	18.9 (16.5 - 21.3)	16.9 (15.2 - 18.6)	6.3
5AR4	2	n.a	n.a	n.a	17	24.0 (17.8 - 30.2)	15.3 (10.3 - 20.2)	4.5	20	24.6 (18.1 - 31.0)	19.0 (12.8 - 25.1)	5.4
5AR5	42	34.8 (27.4 - 42.2)	27.0 (21.1 - 33.0)	5.4	297	24.9 (22.7 - 27.0)	23.2 (21.3 - 25.1)	6.5	339	26.1 (24.0 - 28.2)	23.7 (21.9 - 25.5)	6.4
5A91	5	15.0 (4.1 - 25.9)	11.8 (5.4 - 18.2)	5.5	7	20.6 (7.0 - 34.1)	16.3 (11.1 - 21.5)	5.5	12	18.3 (9.4 - 27.1)	14.4 (10.4 - 18.5)	5.5
5A92	7	17.6 (10.8 - 24.3)	39.1 (29.3 - 49.0)	15.6	15	15.3 (11.8 - 18.9)	15.5 (10.9 - 20.0)	7.1	22	16.0 (12.9 - 19.2)	23.0 (16.6 - 29.4)	10.0
5A93	3	n.a	n.a	n.a	14	25.6 (20.6 - 30.7)	21.2 (11.8 - 30.6)	5.8	17	36.6 (23.3 - 49.9)	23.3 (14.9 - 31.7)	4.5
Missing or excluded*	388				449				839			
All episodes	845	42.3 (39.6 - 45.0)	26.9 (25.5 - 28.3)	4.4	2,629	27.6 (26.6 - 28.5)	22.5 (21.8 - 23.2)	5.7	3,474	31.2 (30.2 - 32.2)	23.6 (23.0 - 24.3)	5.3

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 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 2024 (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)	
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	260	42.3 (38.5 - 46.2)	21.4 (18.5 - 24.2)	3.5	260	42.3 (38.5 - 46.2)	21.4 (18.5 - 24.2)	3.5
4AZ4	52	79.2 (66.7 - 91.8)	32.8 (26.5 - 39.2)	2.9	0	n.a	n.a	n.a	52	79.2 (66.7 - 91.8)	32.8 (26.5 - 39.2)	2.9
4AA1	38	16.4 (12.7 - 20.2)	12.2 (8.8 - 15.6)	5.2	56	12.8 (11.0 - 14.5)	14.4 (10.9 - 18.0)	7.9	94	14.3 (12.4 - 16.1)	13.5 (11.0 - 16.1)	6.7
4AA2	37	18.4 (15.6 - 21.1)	18.1 (14.4 - 21.9)	6.9	82	16.2 (13.9 - 18.4)	16.0 (12.9 - 19.0)	6.9	120	16.8 (15.0 - 18.5)	16.7 (14.4 - 19.1)	7.0
4AA3	19	41.5 (26.2 - 56.8)	27.7 (21.3 - 34.2)	4.7	22	25.9 (19.1 - 32.7)	16.1 (11.0 - 21.3)	4.4	41	33.1 (24.9 - 41.3)	21.5 (17.1 - 25.9)	4.5
4AA4	0	n.a	n.a	n.a	104	23.0 (20.6 - 25.5)	28.3 (25.5 - 31.1)	8.6	104	23.0 (20.6 - 25.5)	28.3 (25.5 - 31.1)	8.6
4AA5	30	36.8 (24.6 - 49.0)	31.5 (26.8 - 36.2)	6.0	16	31.0 (17.2 - 44.8)	26.8 (21.8 - 31.8)	6.1	46	34.8 (25.5 - 44.0)	29.8 (26.3 - 33.4)	6.0
4AA6	0	n.a	n.a	n.a	148	41.2 (37.1 - 45.2)	28.9 (25.7 - 32.1)	4.9	148	41.2 (37.1 - 45.2)	28.9 (25.7 - 32.1)	4.9
4AA7	61	59.6 (51.0 - 68.3)	41.4 (36.3 - 46.4)	4.9	18	41.2 (30.6 - 51.8)	34.8 (26.7 - 42.9)	5.9	79	55.4 (48.1 - 62.7)	39.9 (35.6 - 44.2)	5.0
4ABI-7*												
4AC1	10	11.5 (6.9 - 16.1)	20.5 (15.5 - 25.5)	12.5	7	22.9 (-5.0 - 50.7)	-2.4 (-16.5 - 11.7)	-0.7	17	16.2 (4.6 - 27.8)	11.1 (2.7 - 19.4)	4.8
4AC2	12	27.2 (20.2 - 34.2)	27.7 (24.3 - 31.0)	7.1	12	24.2 (13.4 - 34.9)	17.7 (12.0 - 23.3)	5.1	24	25.7 (19.4 - 32.0)	22.7 (18.9 - 26.5)	6.2
4AC3	14	33.1 (22.9 - 43.3)	32.6 (21.1 - 44.2)	6.9	13	31.5 (11.1 - 51.8)	17.7 (8.7 - 26.7)	3.9	27	32.3 (21.4 - 43.2)	25.4 (17.6 - 33.3)	5.5
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	8	33.0 (19.0 - 47.0)	17.4 (7.8 - 27.0)	3.7	25	23.6 (18.5 - 28.7)	15.6 (11.2 - 20.1)	4.6	33	25.9 (20.7 - 31.1)	16.1 (12.0 - 20.1)	4.3
4AE3	2	n.a	n.a	n.a	15	40.4 (28.6 - 52.2)	29.1 (19.4 - 38.7)	5.0	17	44.6 (32.7 - 56.4)	27.8 (19.2 - 36.5)	4.4
4AE4	7	35.9 (9.6 - 62.1)	9.0 (0.1 - 17.9)	1.8	0	n.a	n.a	n.a	7	35.9 (9.6 - 62.1)	9.0 (0.1 - 17.9)	1.8

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 V4 AN-SNAP class and age, Financial Year 2024 (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)	
4AH1	7	9.0 (5.3 - 12.7)	9.6 (0.9 - 18.2)	7.4	82	13.6 (11.3 - 15.8)	14.0 (11.9 - 16.1)	7.2	89	13.2 (11.1 - 15.3)	13.7 (11.6 - 15.7)	7.2
4AH2	10	22.2 (10.8 - 33.6)	19.2 (12.3 - 26.1)	6.1	148	16.4 (14.8 - 18.0)	15.2 (13.7 - 16.8)	6.5	158	16.7 (15.1 - 18.4)	15.5 (13.9 - 17.0)	6.5
4AH3	8	24.9 (15.1 - 34.7)	28.4 (19.5 - 37.2)	8.0	161	20.3 (18.4 - 22.3)	25.8 (24.0 - 27.7)	8.9	169	20.5 (18.6 - 22.4)	25.9 (24.1 - 27.8)	8.8
4AH4	25	27.4 (20.6 - 34.3)	29.0 (23.7 - 34.3)	7.4	333	25.9 (24.1 - 27.6)	29.1 (27.3 - 31.0)	7.9	359	25.9 (24.2 - 27.6)	29.1 (27.4 - 30.8)	7.9
4A21	3	na	na	na	6	9.2 (6.0 - 12.3)	4.3 (-0.2 - 8.8)	3.3	9	8.0 (5.2 - 10.8)	5.4 (2.0 - 8.9)	4.8
4A22	4	na	na	na	33	13.0 (9.9 - 16.1)	16.9 (14.1 - 19.7)	9.1	37	15.4 (10.3 - 20.4)	17.4 (14.7 - 20.1)	7.9
4A23	3	na	na	na	49	26.0 (20.7 - 31.3)	25.4 (21.5 - 29.4)	6.9	52	26.4 (21.2 - 31.6)	25.1 (21.3 - 28.9)	6.6
4A31	2	na	na	na	2	na	na	na	4	na	na	na
4A32	1	na	na	na	13	13.5 (7.2 - 19.9)	12.4 (4.5 - 20.3)	6.4	14	14.3 (8.3 - 20.3)	12.4 (5.0 - 19.7)	6.1
4A33	2	na	na	na	32	19.2 (14.9 - 23.5)	17.7 (12.2 - 23.2)	6.5	34	19.4 (15.3 - 23.5)	18.8 (13.2 - 24.3)	6.8
4A34	2	na	na	na	24	23.9 (18.6 - 29.2)	22.3 (15.6 - 28.9)	6.5	26	25.6 (20.2 - 31.0)	22.0 (15.7 - 28.2)	6.0
4API*	3	na	na	na	5	26.0 (11.3 - 40.7)	18.6 (8.3 - 28.9)	5.0	8	30.5 (16.3 - 44.7)	21.9 (14.6 - 29.1)	5.0
4AR1	17	13.8 (8.0 - 19.5)	9.0 (5.6 - 12.4)	4.6	44	13.5 (10.5 - 16.5)	6.7 (4.1 - 9.2)	3.5	61	13.6 (10.9 - 16.3)	7.3 (5.3 - 9.4)	3.8
4AR2	18	22.0 (12.7 - 31.3)	14.9 (9.0 - 20.7)	4.7	85	16.4 (13.4 - 19.4)	16.6 (14.5 - 18.7)	7.1	103	17.4 (14.4 - 20.4)	16.3 (14.3 - 18.3)	6.6
4AR3	4	na	na	na	69	21.6 (18.2 - 25.1)	16.9 (14.4 - 19.4)	5.5	74	22.3 (18.9 - 25.8)	18.0 (15.3 - 20.6)	5.6
4AR4	7	51.4 (17.4 - 85.5)	30.0 (21.8 - 38.2)	4.1	20	20.9 (13.5 - 28.2)	24.6 (19.1 - 30.0)	8.2	27	28.8 (17.6 - 40.0)	26.0 (21.4 - 30.5)	6.3
4AR5	16	27.2 (19.2 - 35.2)	20.3 (11.8 - 28.7)	5.2	149	23.7 (20.5 - 27.0)	21.4 (19.0 - 23.7)	6.3	165	24.1 (21.1 - 27.1)	21.3 (19.0 - 23.5)	6.2
4AR6	20	34.4 (27.1 - 41.6)	31.1 (21.1 - 41.0)	6.3	141	25.9 (23.2 - 28.7)	24.7 (21.5 - 27.9)	6.7	161	27.0 (24.4 - 29.6)	25.5 (22.4 - 28.5)	6.6
4A91	5	15.0 (4.1 - 25.9)	11.8 (5.4 - 18.2)	5.5	12	17.8 (9.7 - 25.8)	14.8 (10.8 - 18.9)	5.8	17	16.9 (10.6 - 23.3)	13.9 (10.5 - 17.3)	5.8
4A92	7	17.6 (10.8 - 24.3)	39.1 (29.3 - 49.0)	15.6	14	15.9 (12.2 - 19.6)	16.1 (10.8 - 21.4)	7.1	21	16.5 (13.2 - 19.7)	23.8 (17.1 - 30.4)	10.1
4A93	2	na	na	na	9	28.2 (23.7 - 32.7)	26.3 (13.9 - 38.8)	6.5	11	36.5 (24.1 - 48.8)	28.7 (17.8 - 39.7)	5.5
Missing or excluded*	388				418				812			
All episodes	845	42.3 (39.6 - 45.0)	26.9 (25.5 - 28.3)	4.4	2,629	27.6 (26.6 - 28.5)	22.5 (21.8 - 23.2)	5.7	3,483	31.2 (30.2 - 32.2)	23.6 (23.0 - 24.3)	5.3

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 2024 (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	48	91.1 (77.3 - 104.9)	33.5 (24.4 - 42.6)	2.6	24	95.5 (75.0 - 116.0)	27.4 (18.3 - 36.5)	2.0	72	92.6 (81.2 - 103.9)	31.5 (24.7 - 38.3)	2.4
3-203	19	75.1 (58.8 - 91.3)	31.6 (19.9 - 43.3)	2.9	81	51.3 (43.2 - 59.4)	20.4 (15.1 - 25.8)	2.8	100	55.8 (48.4 - 63.3)	22.5 (17.6 - 27.5)	2.8
3-204	52	15.1 (12.6 - 17.7)	11.1 (8.9 - 13.3)	5.1	69	13.1 (11.4 - 14.8)	10.8 (7.5 - 14.1)	5.8	121	14.0 (12.5 - 15.5)	10.9 (8.8 - 13.0)	5.5
3-205	11	30.2 (16.0 - 44.3)	18.0 (12.1 - 23.9)	4.2	10	29.1 (15.7 - 42.5)	13.1 (8.6 - 17.6)	3.2	21	29.7 (20.1 - 39.2)	15.7 (11.8 - 19.5)	3.7
3-206	31	29.0 (20.8 - 37.2)	25.7 (21.2 - 30.2)	6.2	92	18.9 (16.3 - 21.5)	21.6 (19.2 - 24.1)	8.0	124	21.3 (18.4 - 24.2)	22.7 (20.5 - 24.9)	7.4
3-207	8	59.1 (28.1 - 90.2)	42.0 (35.7 - 48.3)	5.0	15	20.3 (15.1 - 25.5)	22.4 (14.6 - 30.2)	7.7	23	33.8 (20.4 - 47.1)	29.2 (22.5 - 35.9)	6.1
3-208	0	na	na	na	237	36.4 (33.2 - 39.5)	26.5 (23.9 - 29.1)	5.1	237	36.4 (33.2 - 39.5)	26.5 (23.9 - 29.1)	5.1
3-209	107	59.0 (51.2 - 66.7)	38.3 (34.6 - 42.0)	4.5	98	37.3 (32.4 - 42.2)	30.7 (27.0 - 34.3)	5.8	205	48.6 (43.7 - 53.5)	34.7 (32.0 - 37.3)	5.0
3-210	15	14.7 (11.7 - 17.6)	8.3 (4.5 - 12.2)	4.0	6	14.5 (7.7 - 21.3)	14.7 (6.9 - 22.4)	7.1	21	14.6 (11.9 - 17.4)	10.1 (6.5 - 13.8)	4.9
3-211	48	23.3 (18.2 - 28.4)	15.6 (12.6 - 18.5)	4.7	17	23.7 (16.4 - 31.0)	16.9 (12.1 - 21.8)	5.0	65	23.4 (19.2 - 27.6)	15.9 (13.4 - 18.4)	4.8
3-212	23	24.9 (17.8 - 32.0)	18.2 (14.1 - 22.2)	5.1	10	26.2 (16.7 - 35.7)	21.3 (15.5 - 27.1)	5.7	33	25.3 (19.6 - 30.9)	19.1 (15.8 - 22.4)	5.3
3-213	23	44.6 (29.0 - 60.2)	26.2 (21.4 - 31.0)	4.1	14	43.4 (31.0 - 55.7)	24.8 (18.1 - 31.5)	4.0	37	44.1 (33.5 - 54.8)	25.7 (21.8 - 29.6)	4.1
3-214	42	52.5 (39.5 - 65.4)	41.4 (34.5 - 48.4)	5.5	29	48.3 (34.6 - 62.1)	38.7 (31.2 - 46.2)	5.6	71	50.8 (41.3 - 60.2)	40.3 (35.2 - 45.4)	5.6
3-215	8	68.6 (42.1 - 95.1)	55.6 (36.3 - 74.9)	5.7	10	69.6 (31.9 - 107.3)	37.0 (18.3 - 55.7)	3.7	19	70.8 (48.4 - 93.1)	47.2 (33.6 - 60.8)	4.7
3-216	8	11.5 (5.7 - 17.3)	19.5 (13.3 - 25.7)	11.9	7	22.9 (-5.0 - 50.7)	-2.4 (-16.5 - 11.7)	-0.7	15	16.8 (3.7 - 29.9)	9.3 (0.2 - 18.4)	3.9
3-217	9	19.0 (13.5 - 24.5)	26.1 (22.6 - 29.6)	9.6	6	26.3 (5.2 - 47.4)	16.2 (7.2 - 25.2)	4.3	15	21.9 (13.1 - 30.7)	22.1 (17.4 - 26.8)	7.1
3-218	19	33.8 (25.9 - 41.7)	31.7 (23.2 - 40.3)	6.6	19	28.5 (14.4 - 42.5)	18.2 (11.7 - 24.6)	4.5	38	31.1 (23.1 - 39.1)	24.9 (19.2 - 30.7)	5.6
3-219	3	na	na	na	2	na	na	na	5	85.0 (34.0 - 136.0)	34.6 (17.6 - 51.6)	2.8
3-220	3	na	na	na	1	na	na	na	4	na	na	na
3-221	30	27.6 (20.7 - 34.6)	20.7 (17.7 - 23.7)	5.2	11	29.6 (21.0 - 38.3)	15.6 (10.8 - 20.4)	3.7	42	28.5 (23.0 - 33.9)	19.5 (16.9 - 22.1)	4.8
3-222	42	76.7 (61.5 - 92.0)	36.0 (30.7 - 41.4)	3.3	53	60.9 (53.4 - 68.5)	31.5 (26.7 - 36.4)	3.6	95	67.9 (59.9 - 76.0)	33.5 (29.9 - 37.1)	3.5
3-223	15	36.7 (24.8 - 48.6)	33.6 (22.2 - 45.0)	6.4	0	na	na	na	15	36.7 (24.8 - 48.6)	33.6 (22.2 - 45.0)	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

LOS and FIM Change Benchmarks of completed episodes in New Zealand, by V3 AN-SNAP class and age, Financial Year 2024 (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
		Mean (95%CI)	Mean (95%CI)			Mean (95%CI)	Mean (95%CI)			Mean (95%CI)	Mean (95%CI)	per week
3-224	3	na	na	na	2	na	na	na	5	16.2 (9.5 - 22.9)	0.2 (-5.0 - 5.4)	0.1
3-225	15	41.9 (26.9 - 57.0)	16.4 (10.8 - 22.0)	2.7	40	30.1 (24.2 - 36.0)	20.8 (15.9 - 25.7)	4.8	55	33.3 (27.3 - 39.4)	19.6 (15.7 - 23.5)	4.1
3-226	6	27.8 (16.6 - 39.1)	19.7 (5.7 - 33.6)	4.9	49	18.9 (15.5 - 22.3)	18.4 (13.4 - 23.4)	6.8	55	19.9 (16.6 - 23.1)	18.5 (13.8 - 23.2)	6.5
3-227	12	19.7 (9.6 - 29.7)	15.2 (9.0 - 21.4)	5.4	106	12.4 (10.8 - 13.9)	11.3 (9.7 - 12.9)	6.4	118	13.1 (11.3 - 14.9)	11.7 (10.2 - 13.3)	6.3
3-228	4	na	na	na	130	18.0 (16.2 - 19.8)	18.4 (16.7 - 20.2)	7.2	134	17.8 (16.0 - 19.5)	18.5 (16.8 - 20.2)	7.3
3-229	31	26.4 (20.2 - 32.5)	28.6 (23.4 - 33.9)	7.6	407	24.9 (23.2 - 26.5)	28.9 (27.4 - 30.4)	8.1	439	24.9 (23.3 - 26.5)	28.8 (27.4 - 30.3)	8.1
3-230	3	na	na	na	132	25.5 (22.7 - 28.3)	23.1 (20.1 - 26.2)	6.4	135	25.5 (22.7 - 28.2)	23.0 (20.0 - 26.0)	6.3
3-231	0	na	na	na	2	na	na	na	2	na	na	na
3-232	2	na	na	na	15	10.8 (7.5 - 14.1)	12.1 (6.0 - 18.3)	7.9	17	10.6 (7.6 - 13.5)	12.2 (6.8 - 17.6)	8.1
3-233	2	na	na	na	19	27.7 (15.8 - 39.7)	28.1 (23.3 - 32.9)	7.1	21	28.6 (17.2 - 40.0)	27.3 (22.7 - 32.0)	6.7
3-234	2	na	na	na	2	na	na	na	4	na	na	na
3-235	2	na	na	na	14	14.1 (8.3 - 19.8)	14.9 (11.6 - 18.2)	7.4	16	19.9 (9.2 - 30.7)	15.9 (12.2 - 19.7)	5.6
3-236	3	na	na	na	40	23.3 (19.6 - 27.0)	24.1 (19.3 - 28.9)	7.2	43	23.0 (19.5 - 26.4)	24.2 (19.7 - 28.7)	7.4
3-237	0	na	na	na	10	12.6 (9.0 - 16.2)	10.5 (5.8 - 15.2)	5.8	10	12.6 (9.0 - 16.2)	10.5 (5.8 - 15.2)	5.8
3-238	8	24.0 (16.1 - 31.9)	9.0 (5.1 - 12.9)	2.6	2	na	na	na	10	22.4 (15.6 - 29.2)	11.0 (6.9 - 15.1)	3.4
3-239	23	44.8 (31.4 - 58.2)	26.5 (23.4 - 29.7)	4.1	10	54.8 (27.4 - 82.2)	27.0 (20.8 - 33.2)	3.4	33	47.8 (35.5 - 60.2)	26.7 (23.8 - 29.5)	3.9
3-240	13	76.2 (49.3 - 103.1)	43.1 (33.2 - 53.0)	4.0	8	100.3 (57.6 - 142.9)	36.5 (21.4 - 51.6)	2.5	21	85.4 (62.2 - 108.6)	40.6 (32.3 - 48.9)	3.3
3-241	1	na	na	na	1	na	na	na	2	na	na	na
3-242	20	12.3 (9.3 - 15.2)	9.8 (6.6 - 13.0)	5.6	40	13.1 (9.8 - 16.3)	4.9 (3.1 - 6.7)	2.6	60	12.8 (10.4 - 15.2)	6.6 (4.8 - 8.3)	3.6
3-243	22	26.4 (17.2 - 35.6)	16.2 (10.8 - 21.6)	4.3	123	16.7 (14.5 - 18.9)	15.8 (14.1 - 17.5)	6.6	146	18.1 (15.7 - 20.4)	15.9 (14.2 - 17.6)	6.2
3-244	46	32.1 (24.9 - 39.4)	27.8 (22.8 - 32.8)	6.1	337	23.4 (21.5 - 25.2)	21.5 (19.9 - 23.1)	6.4	383	24.4 (22.5 - 26.3)	22.3 (20.7 - 23.8)	6.4
3-245	13	42.2 (27.2 - 57.3)	27.4 (13.5 - 41.3)	4.5	98	31.2 (27.6 - 34.9)	23.8 (19.6 - 28.0)	5.3	111	32.5 (28.8 - 36.2)	24.2 (20.2 - 28.2)	5.2
Missing or excluded	50				231				285			
All episodes	845	42.3 (39.6 - 45.0)	26.9 (25.5 - 28.3)	4.4	2,629	27.6 (26.6 - 28.5)	22.5 (21.8 - 23.2)	5.7	3,483	31.2 (30.2 - 32.2)	23.6 (23.0 - 24.3)	5.3

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