

Length of stay and functional improvement of completed episodes of rehabilitation in Australia, by impairment and sector, AROC financial year 2015

Impairment group	Public Sector Benchmarks				Private Sector Benchmarks				National data benchmarks			
	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 - haemorrhagic	1,863	33.3 (31.0–35.6)	24.5 (23.6–25.4)	5.2	743	24.1 (22.8–25.5)	19.8 (18.8–20.7)	5.7	2,606	30.7 (29.0–32.4)	23.1 (22.5–23.8)	5.3
Stroke - ischaemic	3,825	29.0 (28.2–29.8)	23.0 (22.5–23.6)	5.6	896	23.1 (22.0–24.2)	19.1 (18.3–19.9)	5.8	4,721	27.9 (27.2–28.6)	22.3 (21.8–22.7)	5.6
Brain - NO trauma	881	29.7 (27.6–31.9)	22.5 (21.2–23.8)	5.3	423	23.0 (20.9–25.0)	19.2 (17.8–20.6)	5.9	1,304	27.5 (26.0–29.1)	21.4 (20.4–22.4)	5.4
Brain - trauma	643	33.2 (29.9–36.4)	24.2 (22.5–25.8)	5.1	183	26.6 (22.2–30.9)	24.4 (21.8–27.1)	6.4	826	31.7 (29.0–34.4)	24.2 (22.8–25.6)	5.3
Neurological	1,618	23.8 (22.5–25.1)	17.5 (16.7–18.2)	5.1	1,441	17.3 (16.7–17.8)	15.7 (15.1–16.3)	6.4	3,059	20.7 (20.0–21.5)	16.6 (16.2–17.1)	5.6
Spinal cord - NO trauma	386	52.4 (46.6–58.1)	23.3 (21.6–25.0)	3.1	42	23.7 (18.0–29.4)	16.4 (12.7–20.2)	4.9	428	49.6 (44.3–54.9)	22.7 (21.1–24.2)	3.2
Spinal cord - trauma	263	77.0 (68.0–86.0)	24.3 (21.7–26.9)	2.2	4	n.a.	n.a.	n.a.	267	76.4 (67.6–85.3)	24.3 (21.8–26.9)	2.2
Amputee - NO trauma	818	33.4 (31.7–35.2)	16.7 (15.8–17.6)	3.5	178	30.1 (26.0–34.2)	14.9 (13.3–16.5)	3.5	996	32.8 (31.2–34.5)	16.4 (15.6–17.2)	3.5
Amputee - trauma	97	31.3 (25.8–36.8)	16.8 (14.2–19.5)	3.8	23	38.7 (23.0–54.3)	16.1 (12.1–20.1)	2.9	120	32.7 (27.4–38.1)	16.7 (14.5–18.9)	3.6
Arthritis	150	19.4 (16.6–22.2)	20.3 (18.1–22.5)	7.3	296	14.0 (13.2–14.8)	15.5 (14.3–16.7)	7.8	446	15.8 (14.7–16.9)	17.1 (16.0–18.2)	7.6
Pain	1,018	16.5 (15.8–17.2)	17.9 (17.2–18.7)	7.6	2,678	14.3 (14.0–14.6)	12.9 (12.5–13.2)	6.3	3,696	14.9 (14.6–15.2)	14.3 (13.9–14.6)	6.7
Ortho - fractures	8,487	22.3 (22.0–22.6)	21.6 (21.3–21.9)	6.8	8,075	21.7 (21.3–22.0)	20.5 (20.2–20.7)	6.6	16,562	22.0 (21.7–22.2)	21.1 (20.9–21.3)	6.7
Ortho - replacements	3,657	14.4 (14.0–14.7)	19.9 (19.5–20.2)	9.7	22,723	11.3 (11.2–11.4)	14.8 (14.7–14.9)	9.2	26,380	11.8 (11.7–11.8)	15.5 (15.4–15.6)	9.2
Ortho - soft tissue injury	414	17.8 (16.4–19.2)	17.5 (16.5–18.6)	6.9	581	15.1 (14.4–15.9)	15.3 (14.4–16.1)	7.1	995	16.3 (15.5–17.0)	16.2 (15.5–16.9)	7.0
Ortho - others	964	19.2 (18.3–20.2)	20.3 (19.5–21.2)	7.4	5,865	13.4 (13.1–13.6)	16.3 (16.0–16.5)	8.5	6,829	14.2 (13.9–14.5)	16.8 (16.6–17.1)	8.3
Cardiac	760	15.5 (14.7–16.3)	19.0 (18.1–19.9)	8.6	2,406	13.5 (13.1–14.0)	16.5 (16.1–16.9)	8.5	3,166	14.0 (13.6–14.4)	17.1 (16.7–17.5)	8.6
Pulmonary	731	15.6 (14.8–16.5)	18.0 (17.0–18.9)	8.0	1,188	14.4 (13.9–14.8)	16.2 (15.7–16.7)	7.9	1,919	14.8 (14.4–15.3)	16.9 (16.4–17.4)	7.9
Burns	46	33.8 (24.0–43.6)	19.3 (15.1–23.6)	4.0	4	n.a.	n.a.	n.a.	50	32.9 (23.8–42.0)	19.1 (15.2–23.1)	4.1
Congenital deformity	16	40.9 (12.8–69.1)	24.1 (17.0–31.1)	4.1	5	9.2 (4.9–13.5)	9.4 (-0.1–18.9)	7.2	21	33.4 (11.3–55.5)	20.6 (14.2–26.9)	4.3
Other disabling imp.	403	18.0 (16.4–19.7)	15.9 (14.6–17.2)	6.2	150	19.6 (18.1–21.1)	8.8 (7.3–10.4)	3.2	553	18.5 (17.2–19.7)	14.0 (12.9–15.0)	5.3
Multiple trauma	385	35.9 (31.8–40.0)	29.5 (27.4–31.6)	5.7	301	43.9 (39.1–48.8)	35.2 (32.7–37.7)	5.6	686	39.4 (36.3–42.6)	32.0 (30.4–33.6)	5.7
Developmental disability	9	26.3 (12.1–40.5)	10.2 (-1.0–21.4)	2.7	2	n.a.	n.a.	n.a.	11	23.1 (10.8–35.4)	10.6 (1.4–19.9)	3.2
Re-conditioning	9,652	18.9 (18.6–19.2)	17.8 (17.5–18.1)	6.6	13,771	15.8 (15.6–16.0)	15.5 (15.3–15.6)	6.8	23,423	17.1 (16.9–17.3)	16.4 (16.3–16.6)	6.7
Missing or excluded	6,828				4,725				11,553			
<b>All episodes</b>	<b>43,914</b>	<b>22.8 (22.6–23.1)</b>	<b>20.2 (20.1–20.4)</b>	<b>6.2</b>	<b>66,703</b>	<b>15.0 (14.9–15.1)</b>	<b>16.1 (16.1–16.2)</b>	<b>7.5</b>	<b>110,617</b>	<b>17.9 (17.8–18.1)</b>	<b>17.7 (17.6–17.7)</b>	<b>6.9</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

# AN-SNAP V3 inpatient overnight rehabilitation classes

Class	Description of AN-SNAP class
3-201	Rehabilitation, admit for assessment only
3-202	Brain, Neurological, Spinal & Major Multiple Trauma, FIM 13
3-203	All other impairments, FIM 13
3-204	Stroke , FIM motor 63-91, FIM cognition 20-35
3-205	Stroke , FIM motor 63-91, FIM cognition 5-19
3-206	Stroke, FIM motor 47-62, FIM cognition 16-35
3-207	Stroke, FIM motor 47-62, FIM cognition 5-15
3-208	Stroke, FIM motor 14-46, age>=75
3-209	Stroke, FIM motor 14-46, age<=74
3-210	Brain Dysfunction, FIM motor 56-91, FIM cognition 32-35
3-211	Brain Dysfunction, FIM motor 56-91, FIM cognition 24-31
3-212	Brain Dysfunction, FIM motor 56-91, FIM cognition 20-23
3-213	Brain Dysfunction, FIM motor 56-91, FIM cognition 5-19
3-214	Brain Dysfunction, FIM motor 24-55
3-215	Brain Dysfunction, FIM motor 14-23
3-216	Neurological, FIM motor 63-91
3-217	Neurological, FIM motor 49-62
3-218	Neurological, FIM motor 18-48
3-219	Neurological, FIM motor 14-17
3-220	Spinal Cord Dysfunction, FIM motor 81-91
3-221	Spinal Cord Dysfunction, FIM motor 47-80
3-222	Spinal Cord Dysfunction, FIM motor 14-46, age>=33
3-223	Spinal Cord Dysfunction, FIM motor 14-46, age<=32

Class	Description of AN-SNAP Classes
3-224	Amputation of limb, FIM motor 72-91
3-225	Amputation of limb, FIM motor 14-71
3-226	Pain Syndromes
3-227	Orthopaedic conditions, fractures, FIM motor 58-91
3-228	Orthopaedic conditions, fractures, FIM motor 48-57
3-229	Orthopaedic conditions, fractures, FIM motor 14-47, FIM cognition 19-35
3-230	Orthopaedic conditions, fractures, FIM motor 14-47, FIM cognition 5-18
3-231	Orthopaedic conditions, replacement, FIM motor 72-91
3-232	Orthopaedic conditions, replacement, FIM motor 49-71
3-233	Orthopaedic conditions, replacement, FIM motor 14-48
3-234	Orthopaedic conditions, all other, FIM motor 68-91
3-235	Orthopaedic conditions, all other, FIM motor 53-67
3-236	Orthopaedic conditions, all other, FIM motor 14-52
3-237	Cardiac
3-238	Major Multiple Trauma, FIM total 101-126
3-239	Major Multiple Trauma, FIM total 74-100 or Burns
3-240	Major Multiple Trauma, FIM total 44-73
3-241	Major Multiple Trauma, FIM total 19-43
3-242	All other impairments, FIM motor 67-91
3-243	All other impairments, FIM motor 53-66
3-244	All other impairments, FIM motor 25-52
3-245	All other impairments, FIM motor 14-24

NOTE: AN-SNAP classes for inpatient rehabilitation have not changed between V2 and V3.

Length of stay and functional improvement of completed episodes of rehabilitation in Australia, by AN-SNAP class and sector, AROC financial year 2015 (1/2)

AN-SNAP class	Public Sector Benchmarks				Private Sector Benchmarks				National data benchmarks			
	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
3-201*	---				---				---			
3-202	172	101.4 (88.8–114.1)	30.2 (25.6–34.8)	2.1	37	98.9 (69.3–128.5)	57.5 (45.2–69.7)	4.1	209	101.0 (89.3–112.6)	35.2 (30.6–39.8)	2.4
3-203	382	44.7 (40.8–48.6)	23.6 (20.9–26.3)	3.7	91	30.2 (25.5–34.8)	32.9 (25.6–40.1)	7.6	473	41.9 (38.6–45.2)	25.4 (22.8–28.0)	4.2
3-204	1,569	14.7 (14.2–15.2)	11.6 (11.2–12.0)	5.5	627	14.5 (13.9–15.1)	12.9 (12.4–13.5)	6.2	2,196	14.6 (14.2–15.0)	12.0 (11.6–12.3)	5.7
3-205	235	33.2 (18.2–48.2)	17.4 (16.2–18.7)	3.7	37	26.2 (21.0–31.5)	16.1 (12.8–19.4)	4.3	272	32.3 (19.3–45.2)	17.2 (16.1–18.4)	3.7
3-206	1,243	21.9 (20.9–22.9)	24.1 (23.4–24.7)	7.7	503	21.3 (20.3–22.3)	22.4 (21.5–23.2)	7.4	1,746	21.8 (21.0–22.5)	23.6 (23.1–24.1)	7.6
3-207	136	26.5 (23.8–29.3)	26.2 (23.4–29.0)	6.9	43	27.3 (23.1–31.4)	24.6 (20.4–28.8)	6.3	179	26.7 (24.4–29.0)	25.8 (23.5–28.2)	6.8
3-208	1,215	36.1 (34.9–37.3)	26.5 (25.4–27.6)	5.1	270	36.4 (33.8–39.0)	23.5 (21.5–25.4)	4.5	1,485	36.2 (35.0–37.3)	25.9 (24.9–26.9)	5.0
3-209	1,046	51.5 (49.4–53.5)	38.2 (36.9–39.4)	5.2	135	43.4 (38.7–48.1)	28.9 (25.7–32.2)	4.7	1,181	50.5 (48.6–52.5)	37.1 (35.9–38.3)	5.1
3-210	186	13.5 (12.3–14.7)	11.7 (10.4–12.9)	6.0	145	14.9 (13.6–16.3)	13.8 (12.6–15.0)	6.5	331	14.2 (13.2–15.1)	12.6 (11.7–13.5)	6.2
3-211	426	16.4 (15.3–17.4)	13.0 (12.1–14.0)	5.6	180	16.9 (15.4–18.4)	18.7 (17.1–20.2)	7.7	606	16.5 (15.7–17.4)	14.7 (13.9–15.5)	6.2
3-212	144	22.6 (19.5–25.7)	16.0 (14.3–17.8)	5.0	51	21.4 (16.6–26.2)	16.2 (12.1–20.3)	5.3	195	22.3 (19.7–24.9)	16.1 (14.4–17.8)	5.1
3-213	166	34.3 (28.7–39.9)	22.6 (20.7–24.5)	4.6	31	30.2 (24.5–35.8)	22.9 (18.3–27.6)	5.3	197	33.6 (28.8–38.4)	22.6 (20.9–24.4)	4.7
3-214	426	37.2 (33.7–40.6)	33.9 (31.9–35.8)	6.4	163	29.6 (26.5–32.8)	25.6 (23.2–28.1)	6.1	589	35.1 (32.4–37.7)	31.6 (30.0–33.2)	6.3
3-215	114	67.5 (58.8–76.3)	42.7 (37.1–48.3)	4.4	27	54.3 (41.3–67.2)	39.6 (26.9–52.2)	5.1	141	65.0 (57.5–72.5)	42.1 (37.0–47.3)	4.5
3-216	532	14.1 (13.3–14.8)	10.6 (10.0–11.3)	5.3	617	14.0 (13.3–14.7)	11.5 (10.9–12.0)	5.7	1,149	14.0 (13.5–14.5)	11.1 (10.6–11.5)	5.5
3-217	443	19.3 (18.1–20.6)	18.5 (17.4–19.5)	6.7	495	17.5 (16.7–18.3)	18.0 (17.2–18.9)	7.2	938	18.4 (17.6–19.1)	18.2 (17.5–18.9)	6.9
3-218	558	32.8 (29.9–35.6)	23.2 (21.7–24.6)	5.0	307	23.0 (21.4–24.5)	19.7 (18.0–21.5)	6.0	865	29.3 (27.3–31.2)	22.0 (20.8–23.1)	5.3
3-219	46	44.6 (30.6–58.7)	20.5 (13.3–27.8)	3.2	10	29.6 (11.2–48.0)	14.4 (0.9–27.9)	3.4	56	41.9 (29.9–54.0)	19.4 (13.0–25.8)	3.2
3-220	15	22.7 (11.4–34.0)	2.3 (0.9–3.8)	0.7	1	12.0	2.0	1.2	16	22.0 (11.3–32.7)	2.3 (1.0–3.7)	0.7
3-221	252	28.8 (24.8–32.8)	16.6 (15.3–18.0)	4.0	32	19.9 (16.6–23.3)	16.0 (12.3–19.7)	5.6	284	27.8 (24.3–31.4)	16.5 (15.3–17.8)	4.2
3-222	270	72.1 (65.1–79.2)	28.2 (25.8–30.6)	2.7	13	39.4 (24.1–54.7)	21.1 (11.9–30.2)	3.7	283	70.6 (63.8–77.4)	27.9 (25.6–30.2)	2.8
3-223	54	95.4 (73.9–116.8)	37.0 (31.2–42.7)	2.7	0	n.a.	n.a.	n.a.	54	95.4 (73.9–116.8)	37.0 (31.2–42.7)	2.7

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

\* there is no 3-201 class in the AROC Version 4 data set - pathway 3 (inpatient direct care) data

Length of stay and functional improvement of completed episodes of rehabilitation in Australia, by AN-SNAP class and sector, AROC financial year 2015 (2/2)

AN-SNAP class	Public Sector Benchmarks				Private Sector Benchmarks				National data benchmarks			
	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
3-224	210	23.7 (21.4–26.1)	5.9 (5.3–6.6)	1.8	46	23.3 (15.8–30.8)	5.3 (4.2–6.5)	1.6	256	23.7 (21.3–26.0)	5.8 (5.3–6.4)	1.7
3-225	704	36.0 (34.0–38.0)	19.9 (19.0–20.9)	3.9	155	33.4 (28.7–38.1)	17.9 (16.3–19.6)	3.8	859	35.6 (33.7–37.4)	19.5 (18.7–20.4)	3.8
3-226	1,014	16.5 (15.8–17.2)	18.0 (17.2–18.7)	7.6	2,676	14.3 (14.0–14.6)	12.8 (12.5–13.2)	6.3	3,690	14.9 (14.6–15.2)	14.3 (13.9–14.6)	6.7
3-227	2,629	16.2 (15.8–16.7)	13.7 (13.4–14.0)	5.9	3,793	16.6 (16.2–16.9)	15.0 (14.7–15.2)	6.3	6,422	16.4 (16.2–16.7)	14.4 (14.2–14.6)	6.2
3-228	2,219	20.8 (20.3–21.4)	21.8 (21.4–22.2)	7.3	2,151	22.5 (21.8–23.2)	22.6 (22.2–23.0)	7.0	4,370	21.7 (21.2–22.1)	22.2 (21.9–22.4)	7.2
3-229	2,921	27.6 (26.9–28.3)	28.1 (27.6–28.7)	7.1	1,829	30.1 (29.3–31.0)	29.1 (28.5–29.7)	6.8	4,750	28.6 (28.0–29.1)	28.5 (28.1–28.9)	7.0
3-230	662	27.4 (26.0–28.8)	23.6 (22.2–25.0)	6.0	279	28.2 (26.0–30.3)	23.8 (21.7–25.9)	5.9	941	27.6 (26.5–28.8)	23.7 (22.5–24.8)	6.0
3-231	530	9.9 (9.4–10.4)	7.3 (6.7–7.8)	5.1	9,056	9.9 (9.7–10.0)	8.0 (7.9–8.0)	5.7	9,586	9.9 (9.8–10.0)	7.9 (7.8–8.0)	5.6
3-232	2,432	13.3 (12.9–13.7)	19.1 (18.8–19.5)	10.1	12,859	11.8 (11.7–11.9)	18.6 (18.5–18.7)	11.0	15,291	12.0 (11.9–12.2)	18.7 (18.6–18.8)	10.9
3-233	685	21.6 (20.5–22.6)	31.6 (30.6–32.6)	10.3	805	20.2 (19.4–21.0)	31.0 (30.1–31.9)	10.7	1,490	20.8 (20.2–21.5)	31.3 (30.6–31.9)	10.5
3-234	298	12.2 (11.0–13.4)	8.6 (7.7–9.4)	4.9	2,900	10.7 (10.5–11.0)	9.9 (9.7–10.1)	6.5	3,198	10.9 (10.7–11.1)	9.8 (9.6–10.0)	6.3
3-235	555	16.0 (15.1–16.9)	18.5 (17.9–19.2)	8.1	2,823	14.2 (13.8–14.5)	19.8 (19.5–20.1)	9.8	3,378	14.5 (14.1–14.8)	19.6 (19.4–19.9)	9.5
3-236	523	25.6 (24.0–27.2)	26.6 (25.3–27.9)	7.3	714	22.1 (21.0–23.3)	26.8 (25.8–27.7)	8.5	1,237	23.6 (22.7–24.6)	26.7 (25.9–27.5)	7.9
3-237	757	15.4 (14.6–16.3)	19.0 (18.1–19.9)	8.6	2,404	13.5 (13.1–14.0)	16.5 (16.1–16.9)	8.5	3,161	14.0 (13.6–14.4)	17.1 (16.7–17.5)	8.5
3-238	77	16.0 (13.1–18.9)	8.8 (7.3–10.4)	3.9	42	17.0 (11.4–22.5)	12.3 (10.2–14.4)	5.1	119	16.3 (13.7–19.0)	10.1 (8.8–11.4)	4.3
3-239	229	24.1 (21.6–26.7)	23.5 (22.1–24.9)	6.8	154	30.0 (26.2–33.7)	26.5 (24.9–28.0)	6.2	383	26.5 (24.3–28.6)	24.7 (23.6–25.7)	6.5
3-240	81	56.3 (46.7–65.9)	43.1 (39.3–46.9)	5.4	75	56.4 (49.6–63.2)	50.5 (47.0–53.9)	6.3	156	56.3 (50.4–62.3)	46.6 (44.0–49.3)	5.8
3-241	28	83.0 (57.7–108.3)	64.1 (55.3–72.9)	5.4	18	76.8 (59.3–94.2)	58.8 (44.9–72.7)	5.4	46	80.6 (63.9–97.3)	62.0 (54.4–69.6)	5.4
3-242	2,444	13.6 (13.2–14.0)	8.9 (8.6–9.2)	4.6	5,536	12.4 (12.2–12.6)	9.8 (9.7–10.0)	5.5	7,980	12.8 (12.6–13.0)	9.6 (9.4–9.7)	5.2
3-243	3,787	16.5 (16.1–16.9)	16.9 (16.6–17.2)	7.2	6,566	15.6 (15.4–15.8)	17.3 (17.1–17.5)	7.8	10,353	15.9 (15.7–16.1)	17.1 (17.0–17.3)	7.5
3-244	4,097	21.9 (21.4–22.4)	22.9 (22.4–23.3)	7.3	3,069	21.1 (20.6–21.5)	20.9 (20.4–21.4)	6.9	7,166	21.5 (21.2–21.9)	22.0 (21.7–22.4)	7.2
3-245	554	31.6 (29.3–33.9)	24.7 (22.9–26.5)	5.5	209	25.3 (23.2–27.4)	22.1 (19.6–24.6)	6.1	763	29.9 (28.1–31.7)	24.0 (22.5–25.5)	5.6
Missing or excluded	6,848				4,729				11,577			
<b>All episodes</b>	<b>43,914</b>	<b>22.8 (22.6–23.1)</b>	<b>20.2 (20.1–20.4)</b>	<b>6.2</b>	<b>66,703</b>	<b>15.0 (14.9–15.1)</b>	<b>16.1 (16.1–16.2)</b>	<b>7.5</b>	<b>110,617</b>	<b>17.9 (17.8–18.1)</b>	<b>17.7 (17.6–17.7)</b>	<b>6.9</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