

Length of stay and functional improvement of completed episodes of rehabilitation in Australia, by impairment and sector, AROC calendar year 2014

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	1,870	32.3 (30.9–33.7)	24.5 (23.6–25.4)	5.3	684	23.9 (22.6–25.2)	19.4 (18.3–20.4)	5.7	2,554	30.1 (29.0–31.1)	23.1 (22.4–23.8)	5.4
Stroke - ischaemic	3,519	28.5 (27.7–29.3)	22.5 (21.9–23.0)	5.5	889	22.7 (21.6–23.8)	18.5 (17.7–19.3)	5.7	4,408	27.3 (26.7–28.0)	21.7 (21.2–22.1)	5.5
Brain - NO trauma	838	29.9 (27.3–32.5)	22.7 (21.4–24.1)	5.3	354	21.7 (20.0–23.4)	19.0 (17.6–20.4)	6.1	1,192	27.5 (25.6–29.3)	21.6 (20.5–22.6)	5.5
Brain - trauma	612	34.3 (30.8–37.7)	24.2 (22.7–25.8)	5.0	195	21.3 (19.0–23.6)	22.8 (20.5–25.1)	7.5	807	31.1 (28.4–33.8)	23.9 (22.6–25.2)	5.4
Neurological	1,596	23.6 (22.3–24.9)	17.9 (17.1–18.6)	5.3	1,380	17.1 (16.4–17.9)	15.1 (14.5–15.7)	6.2	2,976	20.6 (19.8–21.4)	16.6 (16.1–17.1)	5.6
Spinal cord - NO trauma	408	54.7 (48.9–60.5)	23.6 (21.8–25.4)	3.0	47	21.7 (18.0–25.5)	17.5 (14.2–20.8)	5.6	455	51.3 (46.0–56.6)	23.0 (21.3–24.6)	3.1
Spinal cord - trauma	237	75.1 (66.5–83.7)	25.4 (22.6–28.1)	2.4	8	25.6 (15.3–36.0)	14.5 (5.7–23.3)	4.0	245	73.5 (65.1–81.9)	25.0 (22.3–27.7)	2.4
Amputee - NO trauma	710	33.6 (31.8–35.5)	17.1 (16.2–18.0)	3.6	163	30.4 (26.0–34.7)	16.4 (14.4–18.4)	3.8	873	33.0 (31.3–34.8)	17.0 (16.2–17.8)	3.6
Amputee - trauma	86	32.5 (28.4–36.7)	18.2 (15.3–21.2)	3.9	24	31.3 (20.0–42.7)	16.6 (11.8–21.4)	3.7	110	32.3 (28.2–36.3)	17.9 (15.3–20.4)	3.9
Arthritis	129	18.1 (15.5–20.7)	19.7 (17.4–22.1)	7.6	202	15.0 (13.9–16.1)	15.8 (14.3–17.4)	7.4	331	16.2 (15.0–17.4)	17.3 (16.0–18.7)	7.5
Pain	1,013	16.2 (15.5–16.9)	17.6 (16.8–18.3)	7.6	2,598	14.5 (14.2–14.9)	13.3 (12.9–13.7)	6.4	3,611	15.0 (14.7–15.3)	14.5 (14.2–14.9)	6.8
Ortho - fractures	8,145	22.3 (22.0–22.7)	21.5 (21.2–21.8)	6.7	7,755	21.5 (21.2–21.9)	20.5 (20.2–20.8)	6.7	15,900	21.9 (21.7–22.2)	21.0 (20.8–21.2)	6.7
Ortho - replacements	3,387	14.8 (14.4–15.2)	19.7 (19.3–20.1)	9.3	21,177	11.3 (11.2–11.4)	14.9 (14.7–15.0)	9.2	24,564	11.8 (11.7–11.9)	15.5 (15.4–15.6)	9.2
Ortho - soft tissue injury	319	17.6 (16.1–19.2)	16.9 (15.7–18.2)	6.7	502	15.7 (14.8–16.5)	15.1 (14.3–15.9)	6.7	821	16.4 (15.6–17.2)	15.8 (15.1–16.5)	6.7
Ortho - others	865	18.9 (17.9–19.9)	19.6 (18.7–20.5)	7.2	5,593	13.1 (12.9–13.4)	16.3 (16.1–16.6)	8.7	6,458	13.9 (13.7–14.2)	16.8 (16.5–17.0)	8.4
Cardiac	717	15.9 (15.0–16.7)	19.1 (18.2–20.1)	8.4	2,338	13.6 (13.2–14.1)	16.3 (15.9–16.7)	8.4	3,055	14.2 (13.8–14.6)	16.9 (16.6–17.3)	8.4
Pulmonary	703	16.0 (15.1–16.8)	17.9 (17.0–18.9)	7.9	1,138	14.4 (13.9–14.9)	16.3 (15.8–16.9)	7.9	1,841	15.0 (14.6–15.4)	17.0 (16.4–17.5)	7.9
Burns	46	35.9 (26.1–45.7)	18.5 (13.7–23.4)	3.6	2	n.a.	n.a.	n.a.	48	35.3 (25.8–44.7)	18.3 (13.7–23.0)	3.6
Congenital deformity	15	23.6 (12.6–34.6)	26.6 (17.3–35.9)	7.9	4	n.a.	n.a.	n.a.	19	20.1 (10.8–29.3)	22.8 (15.0–30.5)	7.9
Other disabling imp.	470	18.5 (17.0–19.9)	17.3 (16.0–18.5)	6.5	118	18.5 (16.5–20.5)	12.7 (10.8–14.6)	4.8	588	18.5 (17.2–19.7)	16.3 (15.2–17.4)	6.2
Multiple trauma	390	35.2 (31.2–39.2)	28.4 (26.3–30.5)	5.6	325	40.1 (35.6–44.7)	33.7 (31.5–35.9)	5.9	715	37.4 (34.4–40.5)	30.8 (29.2–32.3)	5.8
Developmental disability	7	22.7 (8.2–37.2)	14.0 (3.5–24.5)	4.3	0	n.a.	n.a.	n.a.	7	22.7 (8.2–37.2)	14.0 (3.5–24.5)	4.3
Re-conditioning	9,525	18.8 (18.5–19.1)	17.7 (17.4–18.0)	6.6	12,869	15.9 (15.7–16.0)	15.3 (15.2–15.5)	6.8	22,394	17.1 (16.9–17.3)	16.3 (16.2–16.5)	6.7
Missing or excluded	6,418				4,427				10,845			
All episodes	42,025	22.8 (22.5–23.0)	20.1 (20.0–20.3)	6.2	62,792	15.0 (14.9–15.1)	16.1 (16.1–16.2)	7.5	104,817	17.9 (17.8–18.1)	17.6 (17.6–17.7)	6.9

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

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 calendar year 2014 (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	168	105.4 (92.1–118.6)	29.7 (24.6–34.7)	2.0	33	91.1 (61.0–121.1)	45.2 (24.1–66.2)	3.5	201	103.0 (90.9–115.2)	31.1 (26.1–36.1)	2.1
3-203	337	45.1 (40.9–49.4)	19.8 (16.8–22.7)	3.1	92	31.1 (26.4–35.8)	21.5 (15.0–28.0)	4.8	429	42.1 (38.6–45.7)	20.1 (17.4–22.8)	3.3
3-204	1,575	15.0 (14.4–15.5)	11.5 (11.1–11.9)	5.4	596	14.9 (14.2–15.5)	12.7 (12.1–13.3)	6.0	2,171	15.0 (14.5–15.4)	11.8 (11.5–12.2)	5.5
3-205	221	25.2 (22.9–27.5)	18.1 (16.7–19.5)	5.0	39	22.4 (18.5–26.3)	14.7 (11.8–17.5)	4.6	260	24.8 (22.8–26.8)	17.6 (16.3–18.8)	5.0
3-206	1,174	22.3 (21.3–23.4)	24.2 (23.6–24.9)	7.6	483	21.5 (20.5–22.5)	21.5 (20.6–22.4)	7.0	1,657	22.1 (21.3–22.9)	23.4 (22.9–24.0)	7.4
3-207	137	28.3 (25.7–30.9)	27.3 (24.5–30.1)	6.8	45	25.6 (21.3–29.9)	25.1 (20.8–29.4)	6.9	182	27.6 (25.4–29.9)	26.8 (24.4–29.1)	6.8
3-208	1,150	36.3 (34.9–37.6)	26.8 (25.7–28.0)	5.2	245	33.9 (31.6–36.2)	22.4 (20.4–24.4)	4.6	1,395	35.8 (34.7–37.0)	26.0 (25.0–27.0)	5.1
3-209	949	51.6 (49.4–53.8)	37.7 (36.3–39.0)	5.1	144	42.5 (37.8–47.3)	29.2 (26.0–32.4)	4.8	1,093	50.4 (48.4–52.4)	36.5 (35.3–37.8)	5.1
3-210	174	13.6 (12.3–14.8)	11.7 (10.5–13.0)	6.1	144	14.7 (13.2–16.1)	13.8 (12.6–15.1)	6.6	318	14.1 (13.1–15.0)	12.7 (11.8–13.6)	6.3
3-211	396	16.5 (15.4–17.6)	13.3 (12.4–14.3)	5.7	172	16.7 (15.4–18.0)	18.8 (17.3–20.3)	7.9	568	16.5 (15.7–17.4)	15.0 (14.2–15.8)	6.3
3-212	140	22.5 (20.0–25.0)	17.9 (16.1–19.7)	5.6	42	18.7 (15.9–21.4)	17.6 (14.7–20.5)	6.6	182	21.6 (19.6–23.7)	17.8 (16.3–19.4)	5.8
3-213	157	33.3 (28.1–38.5)	23.4 (21.4–25.5)	4.9	31	25.8 (19.2–32.3)	20.5 (16.0–25.0)	5.6	188	32.1 (27.6–36.5)	23.0 (21.1–24.8)	5.0
3-214	403	34.5 (31.1–37.8)	34.0 (32.0–36.0)	6.9	134	29.5 (26.4–32.5)	28.0 (24.9–31.0)	6.6	537	33.2 (30.6–35.9)	32.5 (30.8–34.2)	6.8
3-215	118	73.6 (61.8–85.4)	41.5 (35.9–47.0)	3.9	19	45.8 (31.2–60.4)	30.5 (17.8–43.2)	4.7	137	69.7 (59.2–80.2)	39.9 (34.8–45.0)	4.0
3-216	561	14.3 (13.4–15.1)	10.4 (9.7–11.0)	5.1	639	14.2 (13.0–15.5)	11.5 (10.9–12.1)	5.7	1,200	14.2 (13.5–15.0)	11.0 (10.5–11.4)	5.4
3-217	426	19.3 (18.1–20.5)	18.8 (17.7–19.9)	6.8	434	17.8 (16.9–18.7)	17.6 (16.7–18.6)	6.9	860	18.6 (17.8–19.3)	18.2 (17.5–18.9)	6.9
3-218	528	34.1 (31.1–37.1)	25.2 (23.6–26.8)	5.2	290	22.1 (20.6–23.7)	19.3 (17.4–21.1)	6.1	818	29.9 (27.8–31.9)	23.1 (21.9–24.3)	5.4
3-219	40	38.9 (24.2–53.5)	16.9 (9.6–24.3)	3.0	10	23.4 (13.7–33.1)	17.8 (5.3–30.3)	5.3	50	35.8 (23.8–47.7)	17.1 (10.8–23.4)	3.3
3-220	20	28.2 (9.9–46.4)	2.7 (1.1–4.3)	0.7	2	16.5 (11.6–21.4)	4.5 (-4.3–13.3)	1.9	22	27.1 (10.5–43.7)	2.8 (1.3–4.4)	0.7
3-221	248	25.5 (23.1–28.0)	15.8 (14.5–17.1)	4.3	38	18.6 (16.2–21.0)	16.8 (13.9–19.7)	6.3	286	24.6 (22.5–26.8)	16.0 (14.7–17.2)	4.5
3-222	269	74.0 (67.0–81.1)	30.4 (27.8–32.9)	2.9	13	35.1 (24.7–45.4)	20.8 (11.6–30.1)	4.2	282	72.2 (65.4–79.1)	29.9 (27.4–32.4)	2.9
3-223	53	99.3 (80.6–118.0)	36.1 (30.6–41.5)	2.5	0	n.a.	n.a.	n.a.	53	99.3 (80.6–118.0)	36.1 (30.6–41.5)	2.5

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 calendar year 2014 (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	188	23.8 (21.4–26.2)	6.3 (5.7–6.9)	1.9	45	18.6 (13.0–24.2)	5.7 (4.4–7.0)	2.1	233	22.8 (20.6–25.0)	6.2 (5.6–6.7)	1.9
3-225	614	36.5 (34.4–38.6)	20.6 (19.6–21.6)	3.9	142	34.3 (29.4–39.2)	19.8 (17.8–21.9)	4.1	756	36.1 (34.2–38.0)	20.4 (19.6–21.3)	4.0
3-226	1,009	16.2 (15.5–16.9)	17.5 (16.8–18.3)	7.6	2,598	14.5 (14.2–14.9)	13.3 (12.9–13.7)	6.4	3,607	15.0 (14.7–15.3)	14.5 (14.2–14.9)	6.8
3-227	2,587	16.6 (16.1–17.1)	13.9 (13.5–14.2)	5.9	3,603	16.5 (16.1–16.9)	14.9 (14.6–15.1)	6.3	6,190	16.5 (16.2–16.8)	14.4 (14.2–14.6)	6.1
3-228	2,133	21.0 (20.5–21.5)	21.7 (21.2–22.1)	7.2	2,107	22.3 (21.6–23.0)	22.4 (22.0–22.8)	7.0	4,240	21.6 (21.2–22.1)	22.0 (21.7–22.3)	7.1
3-229	2,766	27.5 (26.8–28.1)	28.2 (27.6–28.7)	7.2	1,765	29.9 (29.1–30.7)	29.3 (28.7–30.0)	6.9	4,531	28.4 (27.9–28.9)	28.6 (28.2–29.1)	7.1
3-230	608	27.8 (26.1–29.4)	23.3 (21.9–24.8)	5.9	255	28.2 (26.0–30.3)	23.7 (21.6–25.9)	5.9	863	27.9 (26.6–29.2)	23.5 (22.3–24.6)	5.9
3-231	519	10.7 (10.2–11.3)	7.5 (7.0–8.0)	4.9	8,328	9.7 (9.5–9.8)	8.2 (8.1–8.2)	5.9	8,847	9.7 (9.6–9.8)	8.1 (8.0–8.2)	5.8
3-232	2,234	13.8 (13.4–14.3)	19.1 (18.8–19.5)	9.7	12,106	11.9 (11.8–12.0)	18.5 (18.4–18.6)	10.9	14,340	12.2 (12.1–12.3)	18.6 (18.5–18.7)	10.7
3-233	627	21.8 (20.6–22.9)	31.6 (30.7–32.6)	10.2	737	20.7 (19.8–21.7)	31.1 (30.2–32.0)	10.5	1,364	21.2 (20.5–21.9)	31.3 (30.7–32.0)	10.3
3-234	278	12.2 (11.2–13.1)	8.3 (7.4–9.2)	4.8	2,741	10.7 (10.5–10.9)	10.0 (9.8–10.2)	6.6	3,019	10.8 (10.6–11.1)	9.9 (9.7–10.1)	6.4
3-235	476	16.0 (15.0–17.1)	18.2 (17.5–18.9)	7.9	2,667	14.0 (13.7–14.3)	19.8 (19.5–20.1)	9.9	3,143	14.3 (14.0–14.6)	19.6 (19.3–19.8)	9.6
3-236	429	25.5 (23.8–27.3)	26.6 (25.2–28.0)	7.3	680	21.1 (20.0–22.2)	27.1 (26.1–28.0)	9.0	1,109	22.8 (21.9–23.8)	26.9 (26.1–27.7)	8.2
3-237	716	15.9 (15.0–16.7)	19.1 (18.1–20.0)	8.4	2,337	13.6 (13.2–14.1)	16.3 (15.9–16.7)	8.4	3,053	14.2 (13.7–14.6)	16.9 (16.6–17.3)	8.4
3-238	76	16.7 (14.1–19.3)	7.7 (6.1–9.3)	3.2	47	13.8 (11.5–16.1)	13.3 (11.6–15.0)	6.8	123	15.6 (13.8–17.4)	9.8 (8.6–11.1)	4.4
3-239	219	25.0 (22.0–28.0)	22.7 (21.2–24.3)	6.4	163	29.1 (25.8–32.5)	27.0 (25.4–28.6)	6.5	382	26.8 (24.5–29.0)	24.6 (23.4–25.7)	6.4
3-240	105	49.9 (41.8–58.0)	40.4 (37.0–43.9)	5.7	85	50.1 (43.8–56.4)	48.6 (45.4–51.9)	6.8	190	50.0 (44.7–55.3)	44.1 (41.6–46.6)	6.2
3-241	24	72.4 (54.2–90.6)	60.5 (47.9–73.0)	5.8	15	69.9 (51.9–88.0)	66.9 (52.3–81.4)	6.7	39	71.5 (58.4–84.5)	62.9 (53.4–72.4)	6.2
3-242	2,452	13.4 (13.0–13.8)	9.0 (8.7–9.3)	4.7	5,101	12.4 (12.2–12.6)	9.9 (9.7–10.0)	5.6	7,553	12.7 (12.5–12.9)	9.6 (9.4–9.7)	5.3
3-243	3,831	16.6 (16.2–17.1)	16.9 (16.6–17.2)	7.1	6,120	15.6 (15.4–15.8)	17.3 (17.1–17.5)	7.8	9,951	16.0 (15.8–16.2)	17.2 (17.0–17.3)	7.5
3-244	3,945	22.0 (21.5–22.5)	23.1 (22.6–23.6)	7.3	2,864	21.1 (20.6–21.5)	20.6 (20.1–21.1)	6.9	6,809	21.6 (21.2–22.0)	22.1 (21.7–22.4)	7.1
3-245	544	30.3 (28.3–32.3)	24.0 (22.2–25.9)	5.6	208	27.0 (24.6–29.5)	21.6 (18.8–24.3)	5.6	752	29.4 (27.8–31.0)	23.3 (21.8–24.9)	5.6
Missing or excluded	6,401				4,433				10,834			
All episodes	42,025	22.8 (22.5–23.0)	20.1 (20.0–20.3)	6.2	62,792	15.0 (14.9–15.1)	16.1 (16.1–16.2)	7.5	104,817	17.9 (17.8–18.1)	17.6 (17.6–17.7)	6.9

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