

Length of stay and functional improvement of completed episodes of rehabilitation in Australia, by impairment and sector, AROC calendar year 2013

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	1,814	32.7 (31.4–34.0)	24.8 (23.9–25.7)	5.3	820	24.2 (22.9–25.4)	19.5 (18.5–20.4)	5.6	2,634	30.0 (29.0–31.0)	23.1 (22.5–23.8)	5.4
Stroke - ischaemic	2,456	30.7 (29.6–31.8)	23.6 (22.9–24.3)	5.4	996	22.1 (21.1–23.0)	18.7 (17.9–19.5)	5.9	3,452	28.2 (27.4–29.1)	22.2 (21.7–22.8)	5.5
Stroke - V3 data*	786	32.0 (30.0–33.9)	24.0 (22.8–25.2)	5.3	4	n.a.	n.a.	n.a.	790	31.9 (30.0–33.9)	24.0 (22.8–25.2)	5.3
Brain - NO trauma	769	33.1 (30.2–36.0)	23.3 (21.9–24.7)	4.9	414	22.3 (20.6–24.1)	18.2 (17.0–19.5)	5.7	1,183	29.4 (27.3–31.4)	21.5 (20.5–22.6)	5.1
Brain - trauma	674	34.7 (31.4–38.0)	25.5 (23.8–27.1)	5.1	213	21.0 (18.8–23.2)	21.5 (19.1–23.9)	7.2	887	31.4 (28.8–34.0)	24.5 (23.2–25.9)	5.5
Neurological	1,574	25.3 (24.0–26.6)	18.8 (18.0–19.6)	5.2	1,392	18.6 (17.5–19.6)	15.7 (15.1–16.3)	5.9	2,966	22.1 (21.3–23.0)	17.3 (16.8–17.9)	5.5
Spinal cord - NO trauma	402	64.5 (58.0–71.1)	23.9 (22.0–25.7)	2.6	54	22.7 (18.9–26.6)	18.7 (15.3–22.0)	5.7	456	59.6 (53.7–65.5)	23.2 (21.6–24.9)	2.7
Spinal cord - trauma	208	80.0 (70.7–89.2)	25.8 (22.9–28.7)	2.3	17	27.1 (13.6–40.5)	16.4 (8.5–24.2)	4.2	225	76.0 (67.2–84.7)	25.1 (22.3–27.9)	2.3
Amputee - NO trauma	587	34.1 (31.6–36.5)	16.4 (15.3–17.4)	3.4	139	26.1 (23.2–29.0)	12.9 (11.1–14.6)	3.4	726	32.6 (30.5–34.6)	15.7 (14.8–16.6)	3.4
Amputee - trauma	87	32.0 (26.7–37.3)	15.8 (13.4–18.3)	3.5	36	24.4 (17.8–30.9)	15.0 (11.1–18.9)	4.3	123	29.8 (25.5–34.0)	15.6 (13.5–17.7)	3.7
Amputee - V3 data*	158	35.5 (31.6–39.4)	14.7 (12.7–16.7)	2.9	0	n.a.	n.a.	n.a.	158	35.5 (31.6–39.4)	14.7 (12.7–16.7)	2.9
Arthritis	132	21.4 (18.9–23.9)	18.4 (16.3–20.4)	6.0	936	12.8 (12.4–13.2)	12.0 (11.5–12.4)	6.5	1,068	13.9 (13.4–14.4)	12.7 (12.3–13.2)	6.4
Pain	1,161	17.4 (16.7–18.1)	17.3 (16.5–18.0)	7.0	2,587	14.0 (13.6–14.3)	11.9 (11.5–12.2)	5.9	3,748	15.0 (14.7–15.3)	13.5 (13.2–13.9)	6.3
Ortho - fractures	7,610	22.9 (22.5–23.3)	21.7 (21.4–22.1)	6.6	7,595	21.3 (20.9–21.6)	19.8 (19.5–20.1)	6.5	15,205	22.1 (21.8–22.3)	20.8 (20.6–21.0)	6.6
Ortho - replacements	3,493	14.9 (14.5–15.2)	19.3 (18.9–19.7)	9.1	19,998	11.6 (11.5–11.7)	14.9 (14.8–15.0)	9.0	23,491	12.1 (12.0–12.2)	15.6 (15.4–15.7)	9.0
Ortho - soft tissue injury	257	14.9 (13.5–16.3)	16.8 (15.2–18.3)	7.9	513	16.4 (15.6–17.3)	15.3 (14.5–16.2)	6.5	770	15.9 (15.2–16.7)	15.8 (15.0–16.6)	6.9
Ortho - others	883	19.9 (18.6–21.2)	19.2 (18.4–20.0)	6.8	5,636	13.7 (13.3–14.1)	15.8 (15.5–16.1)	8.1	6,519	14.6 (14.2–14.9)	16.3 (16.0–16.5)	7.8
Cardiac	684	16.1 (15.2–16.9)	18.5 (17.5–19.6)	8.1	2,337	13.5 (13.0–14.1)	15.8 (15.4–16.2)	8.2	3,021	14.1 (13.7–14.6)	16.4 (16.0–16.8)	8.1
Pulmonary	553	16.2 (15.2–17.2)	17.8 (16.7–18.9)	7.7	1,205	14.0 (13.6–14.4)	15.5 (14.9–16.0)	7.7	1,758	14.7 (14.3–15.1)	16.2 (15.7–16.7)	7.7
Burns	35	20.4 (16.5–24.3)	16.0 (11.8–20.2)	5.5	5	29.2 (7.7–50.7)	19.0 (8.4–29.6)	4.6	40	21.5 (17.2–25.8)	16.4 (12.5–20.3)	5.3
Congenital deformity	11	43.9 (21.6–66.2)	18.6 (10.1–27.2)	3.0	6	13.7 (11.4–16.0)	17.2 (6.7–27.6)	8.8	17	33.2 (17.4–49.1)	18.1 (11.7–24.6)	3.8
Other disabling imp.	584	21.7 (20.1–23.3)	16.4 (15.2–17.5)	5.3	150	19.2 (17.6–20.8)	11.3 (9.3–13.2)	4.1	734	21.2 (19.9–22.5)	15.3 (14.3–16.4)	5.1
Multiple trauma	275	43.5 (37.4–49.5)	30.1 (27.7–32.5)	4.8	341	42.9 (38.9–47.0)	35.5 (33.1–37.9)	5.8	616	43.2 (39.7–46.7)	33.1 (31.4–34.8)	5.4
Developmental disability	5	15.6 (8.3–22.9)	19.6 (9.1–30.1)	8.8	0	n.a.	n.a.	n.a.	5	15.6 (8.3–22.9)	19.6 (9.1–30.1)	8.8
Re-conditioning	8,900	18.8 (18.5–19.1)	17.6 (17.3–17.9)	6.5	12,045	15.9 (15.7–16.1)	14.9 (14.7–15.1)	6.6	20,945	17.1 (16.9–17.3)	16.0 (15.9–16.2)	6.6
Missing or excluded	7,050				4,483				11,533			
All episodes	41,148	23.6 (23.3–23.8)	20.2 (20.0–20.4)	6.0	61,922	15.2 (15.1–15.3)	15.8 (15.7–15.9)	7.3	103,070	18.3 (18.2–18.4)	17.5 (17.4–17.5)	6.7

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

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 2013 (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	186	121.9 (109.0–134.4)	35.0 (30.3–39.8)	2.0	32	64.8 (46.5–83.0)	52.5 (37.0–68.0)	5.7	218	113.5 (101.8–125.4)	37.6 (32.9–42.2)	2.3
3-203	328	44.9 (40.4–49.4)	22.0 (19.2–24.9)	3.4	72	25.6 (20.7–30.4)	21.1 (13.7–28.6)	5.8	400	41.4 (37.6–45.3)	21.9 (19.2–24.6)	3.7
3-204	1,413	15.8 (15.2–16.4)	12.4 (12.0–12.9)	5.5	735	15.0 (14.4–15.7)	12.8 (12.2–13.3)	6.0	2,148	15.5 (15.1–16.0)	12.5 (12.2–12.9)	5.7
3-205	187	25.2 (22.3–28.0)	18.0 (16.7–19.4)	5.0	50	21.9 (18.6–25.2)	18.3 (15.6–20.9)	5.8	237	24.5 (22.1–26.9)	18.1 (16.9–19.3)	5.2
3-206	1,120	23.3 (22.4–24.3)	24.6 (24.0–25.3)	7.4	535	21.9 (20.9–22.9)	21.8 (20.9–22.7)	7.0	1,655	22.9 (22.2–23.6)	23.7 (23.2–24.2)	7.3
3-207	119	27.4 (24.4–30.5)	26.0 (23.4–28.6)	6.6	29	29.1 (21.1–37.0)	22.4 (17.0–27.9)	5.4	148	27.8 (24.8–30.7)	25.3 (22.9–27.7)	6.4
3-208	1,034	40.6 (38.9–42.4)	27.7 (26.5–28.9)	4.8	309	33.1 (31.2–35.0)	24.6 (22.6–26.5)	5.2	1,343	38.9 (37.4–40.3)	27.0 (26.0–28.0)	4.9
3-209	967	51.4 (49.3–53.5)	37.8 (36.5–39.0)	5.1	140	44.7 (40.0–49.3)	30.1 (26.5–33.7)	4.7	1,107	50.6 (48.6–52.5)	36.8 (35.6–38.0)	5.1
3-210	165	14.5 (12.2–16.8)	10.5 (9.1–11.8)	5.1	175	15.1 (13.8–16.4)	13.0 (11.9–14.1)	6.0	340	14.8 (13.5–16.1)	11.8 (10.9–12.6)	5.6
3-211	394	16.8 (15.7–17.8)	14.7 (13.8–15.7)	6.1	194	17.5 (16.1–18.9)	16.4 (15.1–17.8)	6.6	588	17.0 (16.2–17.9)	15.3 (14.5–16.1)	6.3
3-212	146	24.0 (21.3–26.7)	17.4 (15.6–19.3)	5.1	35	19.3 (15.3–23.2)	16.5 (12.3–20.8)	6.0	181	23.1 (20.8–25.4)	17.3 (15.6–19.0)	5.2
3-213	201	33.6 (29.7–37.5)	24.7 (22.9–26.4)	5.1	38	26.1 (21.2–31.0)	20.4 (15.6–25.2)	5.5	239	32.4 (29.0–35.8)	24.0 (22.3–25.7)	5.2
3-214	356	37.0 (33.9–40.2)	34.3 (32.2–36.3)	6.5	162	27.5 (24.7–30.3)	27.8 (25.2–30.4)	7.1	518	34.0 (31.7–36.4)	32.3 (30.6–33.9)	6.6
3-215	107	65.1 (52.5–77.6)	40.9 (35.3–46.5)	4.4	17	68.1 (51.3–84.8)	22.8 (12.3–33.4)	2.3	124	65.5 (54.4–76.5)	38.4 (33.3–43.6)	4.1
3-216	540	16.2 (15.0–17.4)	10.5 (9.7–11.2)	4.5	604	14.8 (13.0–16.5)	12.3 (11.7–12.9)	5.8	1,144	15.4 (14.4–16.5)	11.4 (11.0–11.9)	5.2
3-217	385	20.4 (18.9–21.9)	19.4 (18.1–20.6)	6.6	458	18.9 (17.1–20.6)	17.6 (16.6–18.5)	6.5	843	19.6 (18.4–20.8)	18.4 (17.6–19.1)	6.6
3-218	570	32.7 (30.5–34.9)	25.7 (24.1–27.2)	5.5	306	25.1 (23.4–26.8)	19.6 (17.8–21.4)	5.5	876	30.0 (28.5–31.6)	23.5 (22.3–24.8)	5.5
3-219	39	47.7 (30.7–64.8)	19.9 (12.9–26.9)	2.9	10	28.4 (11.0–45.8)	16.8 (-0.5–34.1)	4.1	49	43.8 (29.7–57.9)	19.3 (12.8–25.8)	3.1
3-220	24	16.0 (9.9–22.1)	3.0 (1.7–4.3)	1.3	2	19.0 (11.2–26.8)	4.5 (3.5–5.5)	1.7	26	16.2 (10.6–21.9)	3.1 (1.9–4.3)	1.3
3-221	214	36.0 (30.9–41.1)	16.7 (15.1–18.3)	3.2	50	18.6 (15.6–21.7)	16.3 (13.6–19.0)	6.1	264	32.7 (28.4–36.9)	16.6 (15.2–18.0)	3.6
3-222	249	79.2 (71.2–87.3)	29.8 (27.3–32.3)	2.6	17	41.4 (28.9–53.8)	26.8 (17.7–35.8)	4.5	266	76.8 (69.1–84.5)	29.6 (27.2–32.0)	2.7
3-223	58	93.2 (77.4–109.0)	40.0 (35.2–44.7)	3.0	1	14.0	5.0	2.5	59	91.8 (76.1–107.6)	39.4 (34.6–44.2)	3.0

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

* 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 2013 (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	195	22.9 (20.3–25.5)	5.4 (4.7–6.1)	1.6	45	20.2 (14.9–25.5)	6.2 (5.1–7.4)	2.2	240	22.4 (20.1–24.7)	5.6 (4.9–6.2)	1.7
3-225	634	37.6 (35.2–40.0)	19.1 (18.1–20.1)	3.6	130	27.7 (24.6–30.7)	15.7 (13.7–17.7)	4.0	764	35.9 (33.8–38.0)	18.5 (17.7–19.4)	3.6
3-226	1,157	17.3 (16.6–17.9)	17.3 (16.5–18.0)	7.0	2,585	13.9 (13.6–14.3)	11.9 (11.5–12.2)	6.0	3,742	15.0 (14.7–15.3)	13.5 (13.2–13.9)	6.3
3-227	2,466	16.6 (16.1–17.0)	13.8 (13.4–14.1)	5.8	3,715	16.3 (16.0–16.7)	14.3 (14.1–14.5)	6.1	6,181	16.4 (16.2–16.7)	14.1 (13.9–14.3)	6.0
3-228	1,977	21.8 (21.2–22.4)	22.2 (21.7–22.6)	7.1	2,030	22.0 (21.3–22.6)	22.3 (21.9–22.7)	7.1	4,007	21.9 (21.4–22.3)	22.2 (21.9–22.5)	7.1
3-229	2,504	29.0 (28.2–29.7)	29.0 (28.4–29.5)	7.0	1,588	30.9 (30.0–31.9)	29.0 (28.3–29.7)	6.6	4,092	29.7 (29.1–30.3)	29.0 (28.6–29.4)	6.8
3-230	612	27.1 (25.5–28.7)	23.5 (22.0–25.0)	6.1	249	27.0 (24.8–29.2)	23.9 (21.6–26.2)	6.2	861	27.1 (25.8–28.4)	23.6 (22.4–24.9)	6.1
3-231	561	10.4 (9.9–11.0)	6.8 (6.4–7.2)	4.6	7,652	10.0 (9.8–10.1)	7.9 (7.8–8.0)	5.6	8,213	10.0 (9.8–10.1)	7.8 (7.7–7.9)	5.5
3-232	2,274	14.1 (13.7–14.4)	18.7 (18.4–19.1)	9.3	11,582	12.0 (11.9–12.2)	18.5 (18.4–18.6)	10.8	13,856	12.3 (12.2–12.5)	18.5 (18.4–18.6)	10.5
3-233	651	21.5 (20.5–22.6)	32.0 (31.0–33.1)	10.4	752	21.3 (20.3–22.3)	30.2 (29.2–31.2)	9.9	1,403	21.4 (20.7–22.1)	31.1 (30.3–31.8)	10.2
3-234	294	12.5 (11.4–13.7)	8.3 (7.5–9.0)	4.6	2,930	11.4 (11.0–11.8)	9.6 (9.4–9.8)	5.9	3,224	11.5 (11.1–11.9)	9.4 (9.2–9.6)	5.8
3-235	457	14.8 (13.9–15.8)	17.1 (16.4–17.8)	8.1	2,552	14.6 (14.0–15.1)	19.7 (19.5–20.0)	9.5	3,009	14.6 (14.1–15.1)	19.4 (19.1–19.6)	9.3
3-236	459	25.4 (23.1–27.7)	26.9 (25.6–28.1)	7.4	666	22.8 (20.9–24.7)	27.8 (26.8–28.7)	8.5	1,125	23.9 (22.4–25.3)	27.4 (26.6–28.2)	8.0
3-237	680	16.0 (15.2–16.9)	18.3 (17.3–19.3)	8.0	2,336	13.5 (13.0–14.1)	15.8 (15.4–16.2)	8.2	3,016	14.1 (13.6–14.6)	16.4 (16.0–16.8)	8.1
3-238	52	15.9 (12.8–19.1)	10.5 (8.9–12.1)	4.6	56	19.4 (15.9–23.0)	11.8 (10.4–13.3)	4.3	108	17.8 (15.4–20.1)	11.2 (10.1–12.2)	4.4
3-239	151	25.4 (21.9–28.9)	21.9 (20.1–23.6)	6.0	172	33.8 (28.8–38.9)	27.7 (26.2–29.2)	5.7	323	29.9 (26.7–33.1)	25.0 (23.8–26.2)	5.8
3-240	76	61.8 (49.0–74.5)	42.3 (39.0–45.5)	4.8	85	55.5 (49.0–62.0)	50.9 (48.0–53.8)	6.4	161	58.5 (51.5–65.4)	46.8 (44.6–49.1)	5.6
3-241	17	81.4 (52.0–110.9)	65.1 (52.3–78.0)	5.6	22	82.7 (65.4–99.9)	65.5 (52.3–78.8)	5.5	39	82.1 (66.3–98.0)	65.4 (56.1–74.6)	5.6
3-242	2,375	13.4 (13.0–13.8)	8.4 (8.1–8.7)	4.4	5,833	12.8 (12.5–13.0)	9.6 (9.5–9.8)	5.3	8,208	12.9 (12.7–13.2)	9.3 (9.1–9.4)	5.0
3-243	3,479	16.6 (16.2–17.1)	16.8 (16.5–17.1)	7.1	5,718	15.6 (15.3–15.8)	17.2 (17.0–17.4)	7.7	9,197	16.0 (15.8–16.2)	17.0 (16.9–17.2)	7.5
3-244	3,759	22.7 (22.1–23.2)	23.0 (22.5–23.4)	7.1	2,574	21.0 (20.4–21.5)	20.4 (19.8–20.9)	6.8	6,333	22.0 (21.6–22.3)	21.9 (21.5–22.3)	7.0
3-245	512	30.4 (28.2–32.7)	24.3 (22.4–26.1)	5.6	184	25.7 (23.3–28.1)	20.2 (17.2–23.2)	5.5	696	29.2 (27.4–31.0)	23.2 (21.6–24.8)	5.6
Missing or excluded	7,004				4,495				11,499			
All episodes	41,148	23.6 (23.3–23.8)	20.2 (20.0–20.4)	6.0	61,922	15.2 (15.1–15.3)	15.8 (15.7–15.9)	7.3	103,070	18.3 (18.2–18.4)	17.5 (17.4–17.5)	6.7

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