

Length of stay and functional improvement of completed episodes of rehabilitation in Australia, by impairment and sector, AROC financial 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	2,097	31.9 (30.7–33.1)	24.5 (23.7–25.4)	5.4	790	23.8 (22.6–25.0)	18.8 (17.8–19.7)	5.5	2,887	29.7 (28.7–30.7)	22.9 (22.3–23.6)	5.4
Stroke - ischaemic	3,129	28.8 (27.9–29.7)	22.6 (22.0–23.2)	5.5	979	22.2 (21.2–23.3)	18.4 (17.6–19.2)	5.8	4,108	27.2 (26.5–27.9)	21.6 (21.1–22.1)	5.6
Stroke - V3 data*	87	34.7 (27.1–42.4)	27.5 (23.7–31.3)	5.5	0	n.a.	n.a.	n.a.	87	34.7 (27.1–42.4)	27.5 (23.7–31.3)	5.5
Brain - NO trauma	812	30.1 (27.6–32.7)	23.1 (21.7–24.4)	5.4	401	23.2 (21.3–25.1)	18.4 (17.1–19.8)	5.6	1,213	27.9 (26.1–29.7)	21.5 (20.5–22.6)	5.4
Brain - trauma	649	34.4 (30.9–37.9)	25.1 (23.5–26.7)	5.1	221	22.5 (20.0–24.9)	23.4 (21.0–25.7)	7.3	870	31.4 (28.7–34.1)	24.7 (23.3–26.0)	5.5
Neurological	1,641	24.1 (22.9–25.3)	18.7 (17.9–19.5)	5.4	1,421	18.3 (17.2–19.5)	15.2 (14.6–15.8)	5.8	3,062	21.4 (20.6–22.3)	17.1 (16.6–17.6)	5.6
Spinal cord - NO trauma	397	56.5 (51.0–62.0)	23.7 (21.8–25.5)	2.9	47	22.8 (18.5–27.1)	17.7 (14.6–20.9)	5.5	444	52.9 (47.9–58.0)	23.0 (21.3–24.8)	3.0
Spinal cord - trauma	197	73.3 (64.4–82.2)	27.4 (24.4–30.4)	2.6	14	16.4 (10.4–22.4)	10.1 (4.8–15.5)	4.3	211	69.5 (61.0–78.0)	26.3 (23.4–29.2)	2.6
Amputee - NO trauma	646	32.8 (31.0–34.6)	16.9 (15.8–17.9)	3.6	144	29.9 (25.9–34.0)	16.3 (14.3–18.4)	3.8	790	32.3 (30.7–33.9)	16.8 (15.8–17.7)	3.6
Amputee - trauma	101	34.7 (29.9–39.4)	17.0 (14.5–19.6)	3.4	30	25.5 (17.3–33.7)	16.2 (11.6–20.8)	4.4	131	32.6 (28.4–36.7)	16.8 (14.6–19.0)	3.6
Amputee - V3 data*	23	34.3 (26.4–42.2)	11.8 (8.3–15.2)	2.4	0	n.a.	n.a.	n.a.	23	34.3 (26.4–42.2)	11.8 (8.3–15.2)	2.4
Arthritis	139	20.6 (18.2–23.0)	18.7 (16.5–20.8)	6.3	216	15.0 (13.9–16.0)	14.8 (13.5–16.0)	6.9	355	17.2 (16.0–18.3)	16.3 (15.1–17.4)	6.6
Pain	1,120	17.0 (16.4–17.7)	17.5 (16.7–18.2)	7.2	2,665	14.2 (13.9–14.5)	12.4 (12.0–12.7)	6.1	3,785	15.1 (14.8–15.4)	13.9 (13.5–14.2)	6.4
Ortho - fractures	7,730	22.8 (22.5–23.2)	21.6 (21.3–21.9)	6.6	7,814	21.2 (20.8–21.5)	20.0 (19.8–20.3)	6.6	15,544	22.0 (21.7–22.2)	20.8 (20.6–21.0)	6.6
Ortho - replacements	3,542	15.0 (14.5–15.4)	19.8 (19.4–20.2)	9.2	21,116	11.5 (11.4–11.6)	14.8 (14.6–14.9)	9.0	24,658	12.0 (11.9–12.1)	15.5 (15.4–15.6)	9.0
Ortho - soft tissue injury	286	15.2 (14.0–16.4)	15.7 (14.3–17.2)	7.3	474	16.1 (15.2–17.0)	15.3 (14.4–16.2)	6.6	760	15.7 (15.0–16.5)	15.4 (14.7–16.2)	6.9
Ortho - others	853	19.0 (17.9–20.0)	19.6 (18.7–20.4)	7.2	5,810	13.5 (13.1–13.8)	15.9 (15.6–16.1)	8.3	6,663	14.2 (13.8–14.5)	16.3 (16.1–16.6)	8.1
Cardiac	663	16.1 (15.2–17.0)	19.2 (18.1–20.3)	8.3	2,296	13.7 (13.1–14.3)	15.8 (15.5–16.2)	8.1	2,959	14.3 (13.8–14.7)	16.6 (16.2–17.0)	8.1
Pulmonary	621	16.6 (15.7–17.4)	17.8 (16.8–18.9)	7.5	1,100	14.4 (13.9–14.8)	16.1 (15.5–16.7)	7.9	1,721	15.2 (14.7–15.6)	16.7 (16.2–17.3)	7.7
Burns	40	25.4 (19.4–31.5)	17.2 (11.8–22.5)	4.7	3	n.a.	n.a.	n.a.	43	25.7 (19.6–31.7)	17.4 (12.3–22.5)	4.7
Congenital deformity	14	37.1 (22.8–51.3)	23.9 (13.6–34.3)	4.5	6	11.5 (6.8–16.2)	12.9 (3.0–22.7)	7.8	20	29.4 (18.1–40.7)	20.2 (12.4–28.1)	4.8
Other disabling imp.	558	19.3 (18.2–20.5)	17.5 (16.3–18.7)	6.3	150	18.9 (17.2–20.6)	10.9 (9.3–12.5)	4.0	708	19.3 (18.2–20.3)	16.1 (15.1–17.1)	5.9
Multiple trauma	322	40.5 (35.4–45.6)	29.4 (27.1–31.7)	5.1	332	40.1 (35.7–44.5)	35.6 (33.2–37.9)	6.2	654	40.3 (37.0–43.7)	32.5 (30.9–34.2)	5.6
Developmental disability	6	16.5 (10.3–22.7)	23.2 (13.1–33.2)	9.8	0	n.a.	n.a.	n.a.	6	16.5 (10.3–22.7)	23.2 (13.1–33.2)	9.8
Re-conditioning	9,365	19.0 (18.6–19.3)	17.3 (17.0–17.5)	6.4	12,406	16.1 (15.8–16.3)	14.9 (14.8–15.1)	6.5	21,771	17.3 (17.1–17.5)	15.9 (15.8–16.1)	6.4
Missing or excluded	6,167				4,437				10,604			
All episodes	41,205	23.0 (22.7–23.2)	20.1 (19.9–20.3)	6.1	62,872	15.2 (15.1–15.3)	15.9 (15.8–16.0)	7.3	104,077	18.1 (18.0–18.2)	17.5 (17.4–17.5)	6.8

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

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 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	186	111.3 (98.3–124.2)	36.1 (31.5–40.7)	2.3	35	72.0 (48.6–95.4)	51.3 (37.3–65.2)	5.0	221	105.0 (93.4–116.7)	38.5 (34.0–43.0)	2.6
3-203	329	42.2 (38.3–46.1)	22.3 (19.5–25.1)	3.7	74	28.6 (22.7–34.4)	34.1 (25.9–42.4)	8.4	403	39.7 (36.3–43.1)	24.5 (21.7–27.3)	4.3
3-204	1,542	15.3 (14.7–15.9)	11.8 (11.4–12.3)	5.4	687	14.9 (14.3–15.6)	12.9 (12.3–13.4)	6.0	2,229	15.2 (14.7–15.6)	12.1 (11.8–12.5)	5.6
3-205	212	24.4 (22.1–26.7)	17.9 (16.4–19.3)	5.1	51	22.1 (18.7–25.5)	16.6 (13.9–19.3)	5.3	263	24.0 (22.0–25.9)	17.6 (16.3–18.9)	5.1
3-206	1,131	22.5 (21.5–23.6)	24.2 (23.5–24.9)	7.5	531	21.5 (20.5–22.5)	21.1 (20.2–21.9)	6.9	1,662	22.2 (21.4–23.0)	23.2 (22.7–23.7)	7.3
3-207	134	28.0 (25.4–30.6)	26.5 (23.8–29.1)	6.6	37	22.9 (17.7–28.0)	21.3 (16.1–26.6)	6.5	171	26.9 (24.6–29.3)	25.4 (23.0–27.8)	6.6
3-208	1,102	38.5 (36.9–40.1)	27.3 (26.1–28.5)	5.0	301	33.5 (31.5–35.5)	23.0 (21.1–24.8)	4.8	1,403	37.4 (36.1–38.8)	26.3 (25.3–27.4)	4.9
3-209	987	50.1 (48.1–52.2)	37.4 (36.2–38.7)	5.2	142	42.8 (38.1–47.5)	28.1 (24.6–31.6)	4.6	1,129	49.2 (47.4–51.1)	36.3 (35.0–37.5)	5.2
3-210	174	14.5 (12.4–16.6)	11.2 (10.0–12.4)	5.4	169	14.8 (13.4–16.3)	14.0 (12.8–15.2)	6.6	343	14.7 (13.4–16.0)	12.6 (11.7–13.4)	6.0
3-211	411	16.2 (15.2–17.2)	14.2 (13.3–15.2)	6.1	189	16.9 (15.7–18.2)	17.8 (16.3–19.3)	7.4	600	16.5 (15.7–17.2)	15.4 (14.6–16.2)	6.5
3-212	125	21.7 (19.3–24.0)	18.7 (16.7–20.8)	6.0	35	19.6 (15.9–23.2)	16.3 (12.3–20.4)	5.8	160	21.2 (19.2–23.2)	18.2 (16.4–20.0)	6.0
3-213	180	31.7 (27.9–35.6)	23.5 (21.6–25.5)	5.2	43	26.6 (21.2–31.9)	20.0 (16.0–24.1)	5.3	223	30.7 (27.5–34.0)	22.8 (21.1–24.6)	5.2
3-214	388	33.9 (31.1–36.7)	34.6 (32.5–36.7)	7.1	155	30.1 (27.2–33.0)	27.8 (24.9–30.7)	6.5	543	32.8 (30.6–35.0)	32.7 (30.9–34.4)	7.0
3-215	104	69.0 (56.1–81.9)	37.8 (32.0–43.5)	3.8	20	63.1 (46.4–79.7)	25.1 (16.5–33.6)	2.8	124	68.0 (56.9–79.2)	35.7 (30.7–40.8)	3.7
3-216	587	14.7 (13.9–15.6)	10.3 (9.7–11.0)	4.9	655	15.2 (13.2–17.1)	11.7 (11.1–12.3)	5.4	1,242	15.0 (13.8–16.1)	11.0 (10.6–11.5)	5.2
3-217	431	19.5 (18.2–20.7)	19.1 (17.9–20.2)	6.9	431	18.8 (16.9–20.6)	17.3 (16.4–18.2)	6.5	862	19.1 (18.0–20.2)	18.2 (17.5–18.9)	6.7
3-218	544	34.5 (32.0–37.0)	26.8 (25.2–28.5)	5.4	318	23.9 (22.2–25.5)	19.4 (17.7–21.1)	5.7	862	30.6 (28.9–32.3)	24.1 (22.9–25.3)	5.5
3-219	36	42.5 (25.8–59.2)	17.9 (10.5–25.3)	3.0	8	25.6 (13.7–37.6)	20.9 (2.6–39.2)	5.7	44	39.4 (25.5–53.4)	18.5 (11.7–25.3)	3.3
3-220	27	23.7 (9.6–37.9)	2.6 (1.2–4.0)	0.8	3	18.7 (13.6–23.8)	4.3 (-0.8–9.4)	1.6	30	23.2 (10.5–36.0)	2.8 (1.4–4.1)	0.8
3-221	213	29.0 (25.6–32.4)	16.8 (15.2–18.3)	4.0	43	18.6 (15.4–21.8)	16.8 (14.3–19.4)	6.3	256	27.3 (24.4–30.2)	16.8 (15.4–18.1)	4.3
3-222	251	72.5 (66.0–79.0)	30.5 (27.9–33.1)	2.9	11	37.2 (25.8–48.6)	20.2 (9.9–30.5)	3.8	262	71.0 (64.7–77.3)	30.0 (27.5–32.6)	3.0
3-223	50	81.4 (68.8–94.0)	39.3 (34.1–44.5)	3.4	0	n.a.	n.a.	n.a.	50	81.4 (68.8–94.0)	39.3 (34.1–44.5)	3.4

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

* 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 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	181	23.5 (20.9–26.0)	5.8 (5.1–6.5)	1.7	47	16.7 (11.7–21.7)	6.1 (4.7–7.4)	2.5	228	22.1 (19.8–24.3)	5.9 (5.3–6.5)	1.9
3-225	586	36.0 (34.1–38.0)	19.9 (18.9–20.9)	3.9	127	33.8 (29.4–38.2)	20.1 (17.9–22.3)	4.2	713	35.6 (33.9–37.4)	19.9 (19.0–20.9)	3.9
3-226	1,115	16.9 (16.3–17.6)	17.5 (16.7–18.3)	7.2	2,665	14.2 (13.9–14.5)	12.4 (12.0–12.7)	6.1	3,780	15.0 (14.7–15.3)	13.9 (13.5–14.2)	6.5
3-227	2,530	16.6 (16.1–17.1)	13.8 (13.5–14.1)	5.8	3,702	16.3 (15.9–16.6)	14.4 (14.2–14.7)	6.2	6,232	16.4 (16.1–16.7)	14.2 (14.0–14.4)	6.1
3-228	1,978	21.9 (21.3–22.5)	21.8 (21.3–22.2)	7.0	2,149	21.6 (21.0–22.2)	22.2 (21.8–22.5)	7.2	4,127	21.7 (21.3–22.2)	22.0 (21.7–22.3)	7.1
3-229	2,592	28.4 (27.7–29.1)	28.5 (28.0–29.1)	7.0	1,694	30.3 (29.4–31.2)	29.1 (28.5–29.8)	6.7	4,286	29.2 (28.6–29.7)	28.8 (28.3–29.2)	6.9
3-230	582	27.9 (26.4–29.3)	24.3 (22.8–25.8)	6.1	251	28.0 (25.9–30.2)	23.2 (20.9–25.5)	5.8	833	27.9 (26.7–29.1)	23.9 (22.7–25.2)	6.0
3-231	553	11.1 (10.5–11.7)	7.2 (6.8–7.6)	4.6	8,405	9.9 (9.8–10.0)	8.1 (8.0–8.1)	5.7	8,958	10.0 (9.8–10.1)	8.0 (7.9–8.1)	5.6
3-232	2,334	14.2 (13.7–14.7)	19.1 (18.8–19.5)	9.4	11,948	12.1 (11.9–12.2)	18.4 (18.3–18.6)	10.7	14,282	12.4 (12.3–12.6)	18.6 (18.4–18.7)	10.5
3-233	646	20.9 (19.8–21.9)	32.5 (31.5–33.6)	10.9	753	20.9 (19.9–21.9)	30.6 (29.6–31.5)	10.2	1,399	20.9 (20.2–21.6)	31.5 (30.8–32.2)	10.5
3-234	280	12.5 (11.5–13.6)	8.0 (7.3–8.8)	4.5	2,981	11.2 (10.8–11.5)	9.8 (9.6–9.9)	6.1	3,261	11.3 (11.0–11.6)	9.6 (9.4–9.8)	6.0
3-235	448	15.6 (14.5–16.7)	17.5 (16.7–18.2)	7.9	2,632	14.3 (13.8–14.7)	19.8 (19.5–20.0)	9.7	3,080	14.5 (14.0–14.9)	19.4 (19.2–19.7)	9.4
3-236	415	24.4 (22.7–26.1)	27.0 (25.7–28.4)	7.7	668	22.1 (20.6–23.7)	27.2 (26.2–28.2)	8.6	1,083	23.0 (21.9–24.1)	27.1 (26.3–27.9)	8.3
3-237	663	16.1 (15.2–17.0)	19.2 (18.1–20.3)	8.3	2,296	13.7 (13.1–14.3)	15.8 (15.5–16.2)	8.1	2,959	14.3 (13.8–14.7)	16.6 (16.2–17.0)	8.1
3-238	61	16.7 (13.7–19.7)	8.1 (6.7–9.5)	3.4	54	18.0 (14.6–21.5)	12.6 (11.3–14.0)	4.9	115	17.3 (15.1–19.6)	10.3 (9.2–11.3)	4.1
3-239	167	25.8 (22.5–29.0)	21.9 (20.1–23.8)	6.0	164	31.2 (26.2–36.3)	27.5 (26.0–29.0)	6.2	331	28.5 (25.5–31.5)	24.7 (23.5–25.9)	6.1
3-240	101	53.3 (44.3–62.4)	40.9 (37.7–44.2)	5.4	86	51.0 (44.4–57.5)	49.8 (46.8–52.9)	6.8	187	52.3 (46.5–58.0)	45.0 (42.7–47.3)	6.0
3-241	19	79.5 (54.1–104.9)	55.7 (42.1–69.4)	4.9	20	74.0 (55.6–92.4)	73.5 (62.9–84.0)	6.9	39	76.7 (61.3–92.1)	64.8 (55.9–73.7)	5.9
3-242	2,530	13.5 (13.0–14.0)	8.6 (8.4–8.9)	4.5	5,133	12.9 (12.6–13.1)	9.6 (9.4–9.7)	5.2	7,663	13.1 (12.8–13.3)	9.3 (9.1–9.4)	5.0
3-243	3,744	16.9 (16.4–17.4)	16.6 (16.3–16.9)	6.9	5,836	15.7 (15.5–16.0)	17.0 (16.8–17.2)	7.6	9,580	16.2 (15.9–16.4)	16.9 (16.7–17.0)	7.3
3-244	3,828	22.8 (22.2–23.3)	22.8 (22.3–23.3)	7.0	2,693	21.4 (20.8–21.9)	20.2 (19.7–20.7)	6.6	6,521	22.2 (21.8–22.6)	21.7 (21.4–22.1)	6.9
3-245	534	29.5 (27.6–31.4)	23.7 (21.9–25.5)	5.6	185	26.3 (23.7–28.9)	21.5 (18.4–24.6)	5.7	719	28.7 (27.1–30.3)	23.1 (21.6–24.7)	5.6
Missing or excluded	6,174				4,445				10,619			
All episodes	41,205	23.0 (22.7–23.2)	20.1 (19.9–20.3)	6.1	62,872	15.2 (15.1–15.3)	15.9 (15.8–16.0)	7.3	104,077	18.1 (18.0–18.2)	17.5 (17.4–17.5)	6.8

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