

LOS and FIM Change Benchmarks of completed episodes in Australia, by V4 AN-SNAP class and sector, Financial Year 2018 (1/2)



| AN-SNAP class           | Public Sector Benchmarks |                    |                    |                   | Private Sector Benchmarks |                    |                    |                   | 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*                   | 2                        | n.a                | n.a                | n.a               | 7                         | 69.3 (54.8 - 83.8) | 68.3 (61.8 - 74.8) | 6.9               | 9                        | 65.8 (52.3 - 79.2)  | 60.6 (44.9 - 76.2) | 6.4               |
| 4AZ2*                   | 1                        | n.a                | n.a                | n.a               | 4                         | n.a                | n.a                | n.a               | 5                        | 56.4 (10.1 - 102.7) | 54.8 (27.5 - 82.1) | 6.8               |
| 4AZ3                    | 1,267                    | 36.9 (35.5 - 38.3) | 23.9 (22.6 - 25.1) | 4.5               | 398                       | 27.8 (26.1 - 29.5) | 25.9 (23.4 - 28.4) | 6.5               | 1,665                    | 34.7 (33.6 - 35.9)  | 24.4 (23.2 - 25.5) | 4.9               |
| 4AZ4                    | 314                      | 59.4 (54.2 - 64.5) | 35.5 (32.3 - 38.6) | 4.2               | 31                        | 31.7 (22.0 - 41.4) | 23.8 (14.4 - 33.2) | 5.3               | 345                      | 56.9 (52.0 - 61.7)  | 34.4 (31.4 - 37.4) | 4.2               |
| 4AA1                    | 1,533                    | 13.3 (12.9 - 13.8) | 15.1 (14.6 - 15.6) | 7.9               | 708                       | 14.9 (13.9 - 15.9) | 17.1 (16.5 - 17.8) | 8.0               | 2,241                    | 13.8 (13.4 - 14.3)  | 15.8 (15.3 - 16.2) | 8.0               |
| 4AA2                    | 1,243                    | 18.4 (17.5 - 19.2) | 18.0 (17.3 - 18.6) | 6.8               | 458                       | 18.7 (17.8 - 19.5) | 21.1 (20.3 - 21.9) | 7.9               | 1,701                    | 18.4 (17.8 - 19.1)  | 18.8 (18.3 - 19.3) | 7.1               |
| 4AA3                    | 424                      | 25.0 (23.4 - 26.6) | 21.8 (20.6 - 23.1) | 6.1               | 88                        | 22.1 (20.0 - 24.3) | 21.3 (18.9 - 23.7) | 6.7               | 512                      | 24.5 (23.1 - 25.9)  | 21.7 (20.6 - 22.8) | 6.2               |
| 4AA4                    | 786                      | 27.1 (26.0 - 28.2) | 29.8 (28.8 - 30.9) | 7.7               | 249                       | 25.6 (24.0 - 27.2) | 25.9 (24.3 - 27.5) | 7.1               | 1,035                    | 26.7 (25.8 - 27.6)  | 28.9 (28.0 - 29.8) | 7.6               |
| 4AA5                    | 320                      | 32.8 (30.7 - 34.8) | 36.6 (35.0 - 38.3) | 7.8               | 42                        | 28.6 (23.8 - 33.4) | 33.0 (29.5 - 36.5) | 8.1               | 362                      | 32.3 (30.4 - 34.2)  | 36.2 (34.7 - 37.7) | 7.8               |
| 4AA6                    | 925                      | 39.5 (38.2 - 40.9) | 31.0 (29.7 - 32.4) | 5.5               | 221                       | 34.1 (31.3 - 36.8) | 30.2 (27.5 - 32.8) | 6.2               | 1,146                    | 38.5 (37.3 - 39.7)  | 30.9 (29.7 - 32.1) | 5.6               |
| 4AA7                    | 394                      | 51.1 (48.0 - 54.2) | 42.7 (40.7 - 44.7) | 5.8               | 30                        | 43.1 (32.8 - 53.3) | 41.9 (32.8 - 50.9) | 6.8               | 424                      | 50.5 (47.6 - 53.5)  | 42.6 (40.7 - 44.6) | 5.9               |
| 4AB1-7*                 |                          |                    |                    |                   |                           |                    |                    |                   |                          |                     |                    |                   |
| 4AC1                    | 733                      | 13.4 (12.7 - 14.1) | 11.3 (10.7 - 11.9) | 5.9               | 899                       | 13.5 (13.0 - 14.0) | 13.7 (13.2 - 14.2) | 7.1               | 1,632                    | 13.5 (13.1 - 13.9)  | 12.6 (12.3 - 13.0) | 6.6               |
| 4AC2                    | 659                      | 19.3 (18.3 - 20.2) | 20.5 (19.5 - 21.5) | 7.5               | 632                       | 18.0 (17.3 - 18.8) | 19.6 (18.8 - 20.5) | 7.6               | 1,291                    | 18.6 (18.0 - 19.2)  | 20.1 (19.4 - 20.7) | 7.5               |
| 4AC3                    | 529                      | 30.9 (28.8 - 32.9) | 26.0 (24.4 - 27.6) | 5.9               | 309                       | 23.8 (22.2 - 25.4) | 20.9 (19.1 - 22.7) | 6.1               | 838                      | 28.3 (26.8 - 29.7)  | 24.1 (22.9 - 25.4) | 6.0               |
| 4AD1-4*                 |                          |                    |                    |                   |                           |                    |                    |                   |                          |                     |                    |                   |
| 4AE1                    | 59                       | 18.0 (14.7 - 21.4) | 5.0 (3.5 - 6.5)    | 1.9               | 7                         | 13.0 (9.1 - 16.9)  | 7.9 (5.5 - 10.2)   | 4.2               | 66                       | 17.5 (14.5 - 20.5)  | 5.3 (3.9 - 6.7)    | 2.1               |
| 4AE2                    | 554                      | 31.3 (29.5 - 33.2) | 17.5 (16.5 - 18.5) | 3.9               | 150                       | 24.4 (21.5 - 27.4) | 17.6 (15.9 - 19.3) | 5.0               | 704                      | 29.9 (28.3 - 31.5)  | 17.5 (16.6 - 18.4) | 4.1               |
| 4AE3                    | 88                       | 40.6 (36.0 - 45.2) | 27.5 (23.8 - 31.3) | 4.7               | 20                        | 33.6 (23.5 - 43.6) | 24.0 (14.1 - 33.8) | 5.0               | 108                      | 39.3 (35.1 - 43.5)  | 26.9 (23.3 - 30.4) | 4.8               |
| 4AE4                    | 203                      | 29.4 (26.5 - 32.4) | 14.9 (13.1 - 16.7) | 3.5               | 25                        | 30.8 (21.8 - 39.8) | 12.7 (9.5 - 15.8)  | 2.9               | 228                      | 29.6 (26.8 - 32.4)  | 14.7 (13.0 - 16.3) | 3.5               |
| 4AH1                    | 2,276                    | 14.8 (14.4 - 15.2) | 16.2 (15.8 - 16.5) | 7.7               | 3,364                     | 16.2 (15.9 - 16.5) | 18.1 (17.8 - 18.3) | 7.8               | 5,640                    | 15.6 (15.4 - 15.9)  | 17.3 (17.1 - 17.5) | 7.7               |
| 4AH2                    | 2,443                    | 18.4 (17.9 - 18.8) | 18.7 (18.3 - 19.1) | 7.1               | 2,773                     | 18.2 (17.8 - 18.6) | 20.5 (20.1 - 20.8) | 7.9               | 5,216                    | 18.3 (18.0 - 18.6)  | 19.6 (19.4 - 19.9) | 7.5               |
| 4AH3                    | 1,651                    | 22.0 (21.4 - 22.6) | 27.0 (26.4 - 27.6) | 8.6               | 1,492                     | 25.1 (24.4 - 25.8) | 27.7 (27.2 - 28.3) | 7.7               | 3,143                    | 23.5 (23.0 - 24.0)  | 27.3 (26.9 - 27.8) | 8.1               |
| 4AH4                    | 1,824                    | 27.6 (26.8 - 28.4) | 29.0 (28.2 - 29.8) | 7.4               | 1,093                     | 29.9 (29.0 - 30.9) | 32.1 (31.1 - 33.1) | 7.5               | 2,917                    | 28.5 (27.9 - 29.1)  | 30.2 (29.5 - 30.8) | 7.4               |
| 4A21 Ortho Replacements | 1,259                    | 10.0 (9.6 - 10.3)  | 10.4 (10.0 - 10.7) | 7.3               | 14,480                    | 9.6 (9.5 - 9.7)    | 12.3 (12.2 - 12.4) | 9.0               | 15,739                   | 9.6 (9.5 - 9.7)     | 12.1 (12.0 - 12.2) | 8.8               |
| 4A22 Ortho Replacements | 2,088                    | 12.5 (12.2 - 12.8) | 21.1 (20.7 - 21.4) | 11.8              | 10,018                    | 12.0 (11.8 - 12.1) | 22.5 (22.4 - 22.6) | 13.2              | 12,106                   | 12.0 (11.9 - 12.2)  | 22.2 (22.1 - 22.4) | 12.9              |
| 4A23 Ortho Replacements | 884                      | 19.4 (18.7 - 20.2) | 33.1 (32.3 - 34.0) | 11.9              | 1,087                     | 20.9 (19.8 - 21.9) | 32.5 (31.8 - 33.2) | 10.9              | 1,971                    | 20.2 (19.6 - 20.9)  | 32.8 (32.2 - 33.3) | 11.3              |

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

## LOS and FIM Change Benchmarks of completed episodes in Australia, by V4 AN-SNAP class and sector, Financial Year 2018 (2/2)

| AN-SNAP class                 | Public Sector Benchmarks |                           |                           |                   | Private Sector Benchmarks |                           |                           |                   | 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)              |                   |
| 4A21 Ortho Soft Tissue Injury | 117                      | 12.2 (10.9 - 13.6)        | 10.4 (9.3 - 11.4)         | 5.9               | 285                       | 12.7 (11.7 - 13.6)        | 11.4 (10.7 - 12.1)        | 6.3               | 402                      | 12.6 (11.8 - 13.3)        | 11.1 (10.5 - 11.7)        | 6.2               |
| 4A22 Ortho Soft Tissue Injury | 243                      | 16.8 (15.5 - 18.1)        | 18.5 (17.2 - 19.7)        | 7.7               | 455                       | 15.3 (14.5 - 16.1)        | 19.2 (18.4 - 19.9)        | 8.8               | 698                      | 15.8 (15.1 - 16.5)        | 18.9 (18.3 - 19.6)        | 8.4               |
| 4A23 Ortho Soft Tissue Injury | 136                      | 20.6 (18.3 - 22.9)        | 23.9 (21.3 - 26.4)        | 8.1               | 139                       | 20.4 (18.4 - 22.3)        | 26.2 (23.9 - 28.4)        | 9.0               | 275                      | 20.5 (19.0 - 22.0)        | 25.0 (23.3 - 26.7)        | 8.5               |
| 4A21 Ortho Other              | 270                      | 12.5 (11.4 - 13.5)        | 9.8 (9.1 - 10.5)          | 5.5               | 3,247                     | 10.7 (10.5 - 10.9)        | 12.5 (12.3 - 12.7)        | 8.2               | 3,517                    | 10.8 (10.6 - 11.0)        | 12.3 (12.1 - 12.5)        | 8.0               |
| 4A22 Ortho Other              | 453                      | 16.4 (15.5 - 17.3)        | 20.7 (19.9 - 21.4)        | 8.8               | 2,823                     | 13.9 (13.6 - 14.2)        | 22.6 (22.3 - 22.8)        | 11.3              | 3,276                    | 14.3 (14.0 - 14.5)        | 22.3 (22.1 - 22.6)        | 10.9              |
| 4A23 Ortho Other              | 303                      | 26.3 (24.1 - 28.5)        | 30.8 (29.2 - 32.5)        | 8.2               | 523                       | 25.2 (23.7 - 26.8)        | 32.1 (31.0 - 33.2)        | 8.9               | 826                      | 25.6 (24.3 - 26.9)        | 31.7 (30.7 - 32.6)        | 8.6               |
| 4A31 Pain                     | 228                      | 10.7 (9.9 - 11.5)         | 6.4 (5.7 - 7.1)           | 4.2               | 1,651                     | 11.4 (11.1 - 11.7)        | 6.8 (6.5 - 7.1)           | 4.2               | 1,879                    | 11.3 (11.0 - 11.6)        | 6.7 (6.5 - 7.0)           | 4.2               |
| 4A32 Pain                     | 442                      | 14.3 (13.5 - 15.1)        | 17.2 (16.3 - 18.0)        | 8.4               | 1,235                     | 14.0 (13.6 - 14.5)        | 17.7 (17.3 - 18.1)        | 8.8               | 1,677                    | 14.1 (13.7 - 14.5)        | 17.5 (17.2 - 17.9)        | 8.7               |
| 4A33 Pain                     | 288                      | 19.7 (17.9 - 21.6)        | 25.9 (24.5 - 27.3)        | 9.2               | 340                       | 19.0 (17.9 - 20.2)        | 25.0 (23.8 - 26.3)        | 9.2               | 628                      | 19.3 (18.3 - 20.4)        | 25.4 (24.5 - 26.4)        | 9.2               |
| 4A34 Pain                     | 64                       | 22.1 (18.2 - 26.0)        | 28.4 (24.1 - 32.8)        | 9.0               | 52                        | 23.4 (18.9 - 28.0)        | 32.4 (26.9 - 38.0)        | 9.7               | 116                      | 22.7 (19.7 - 25.6)        | 30.2 (26.8 - 33.7)        | 9.3               |
| 4A31 Cardiac                  | 180                      | 11.2 (10.2 - 12.2)        | 8.1 (7.2 - 9.0)           | 5.1               | 869                       | 10.5 (10.2 - 10.8)        | 11.5 (11.2 - 11.9)        | 7.7               | 1,049                    | 10.6 (10.3 - 10.9)        | 10.9 (10.6 - 11.3)        | 7.2               |
| 4A32 Cardiac                  | 399                      | 14.4 (13.5 - 15.3)        | 18.0 (16.9 - 19.0)        | 8.7               | 1,299                     | 12.9 (12.6 - 13.2)        | 20.3 (19.9 - 20.7)        | 11.0              | 1,698                    | 13.3 (12.9 - 13.6)        | 19.8 (19.4 - 20.2)        | 10.4              |
| 4A33 Cardiac                  | 282                      | 19.0 (17.7 - 20.4)        | 23.7 (21.9 - 25.5)        | 8.7               | 275                       | 17.5 (16.5 - 18.6)        | 24.3 (23.0 - 25.7)        | 9.7               | 557                      | 18.3 (17.4 - 19.1)        | 24.0 (22.9 - 25.1)        | 9.2               |
| 4A34 Cardiac                  | 55                       | 25.4 (20.7 - 30.0)        | 31.2 (26.8 - 35.7)        | 8.6               | 37                        | 26.4 (21.6 - 31.2)        | 27.3 (22.7 - 31.9)        | 7.2               | 92                       | 25.8 (22.4 - 29.2)        | 29.6 (26.4 - 32.9)        | 8.0               |
| 4A31 Pulmonary                | 184                      | 12.8 (11.6 - 14.0)        | 7.6 (6.8 - 8.4)           | 4.2               | 399                       | 11.7 (11.2 - 12.2)        | 11.0 (10.5 - 11.6)        | 6.6               | 583                      | 12.1 (11.6 - 12.6)        | 10.0 (9.5 - 10.4)         | 5.8               |
| 4A32 Pulmonary                | 360                      | 13.5 (12.6 - 14.4)        | 17.2 (16.2 - 18.3)        | 9.0               | 679                       | 13.6 (13.1 - 14.1)        | 19.1 (18.5 - 19.7)        | 9.8               | 1,039                    | 13.5 (13.1 - 14.0)        | 18.5 (17.9 - 19.0)        | 9.5               |
| 4A33 Pulmonary                | 226                      | 17.4 (16.0 - 18.8)        | 23.9 (22.1 - 25.7)        | 9.6               | 202                       | 17.5 (16.2 - 18.9)        | 23.5 (22.0 - 25.0)        | 9.4               | 428                      | 17.5 (16.5 - 18.4)        | 23.7 (22.5 - 24.9)        | 9.5               |
| 4A34 Pulmonary                | 68                       | 21.6 (18.2 - 25.1)        | 30.4 (25.5 - 35.2)        | 9.8               | 34                        | 21.0 (17.4 - 24.6)        | 23.7 (17.6 - 29.8)        | 7.9               | 102                      | 21.4 (18.8 - 24.0)        | 28.1 (24.3 - 32.0)        | 9.2               |
| 4AP1*                         | 193                      | 28.6 (24.8 - 32.3)        | 26.5 (24.3 - 28.8)        | 6.5               | 304                       | 30.5 (27.7 - 33.3)        | 32.5 (30.9 - 34.1)        | 7.5               | 497                      | 29.8 (27.5 - 32.0)        | 30.2 (28.9 - 31.5)        | 7.1               |
| 4AR1                          | 2,498                    | 12.1 (11.8 - 12.4)        | 9.4 (9.1 - 9.7)           | 5.4               | 6,156                     | 11.9 (11.8 - 12.1)        | 12.2 (12.0 - 12.3)        | 7.1               | 8,654                    | 12.0 (11.8 - 12.1)        | 11.4 (11.2 - 11.5)        | 6.6               |
| 4AR2                          | 3,011                    | 15.9 (15.5 - 16.3)        | 18.0 (17.7 - 18.4)        | 7.9               | 6,029                     | 15.3 (15.1 - 15.6)        | 19.5 (19.3 - 19.7)        | 8.9               | 9,040                    | 15.5 (15.3 - 15.7)        | 19.0 (18.8 - 19.2)        | 8.6               |
| 4AR3                          | 1,478                    | 16.9 (16.4 - 17.5)        | 18.4 (17.8 - 19.0)        | 7.6               | 1,575                     | 17.1 (16.6 - 17.5)        | 19.0 (18.4 - 19.5)        | 7.8               | 3,053                    | 17.0 (16.7 - 17.4)        | 18.7 (18.3 - 19.1)        | 7.7               |
| 4AR4                          | 586                      | 20.8 (19.6 - 22.0)        | 25.2 (24.1 - 26.3)        | 8.5               | 601                       | 20.5 (19.7 - 21.3)        | 24.5 (23.6 - 25.4)        | 8.4               | 1,187                    | 20.6 (19.9 - 21.4)        | 24.9 (24.1 - 25.6)        | 8.4               |
| 4AR5                          | 1,982                    | 20.6 (20.0 - 21.2)        | 22.5 (21.8 - 23.2)        | 7.6               | 1,572                     | 19.9 (19.4 - 20.4)        | 23.7 (23.0 - 24.3)        | 8.3               | 3,554                    | 20.3 (19.9 - 20.7)        | 23.0 (22.6 - 23.5)        | 7.9               |
| 4AR6                          | 1,332                    | 27.3 (26.3 - 28.4)        | 26.9 (25.9 - 28.0)        | 6.9               | 716                       | 24.6 (23.5 - 25.6)        | 24.4 (23.1 - 25.6)        | 6.9               | 2,048                    | 26.4 (25.6 - 27.2)        | 26.0 (25.2 - 26.9)        | 6.9               |
| 4A91                          | 323                      | 14.0 (13.0 - 14.9)        | 13.1 (12.0 - 14.1)        | 6.6               | 353                       | 16.9 (15.8 - 17.9)        | 11.9 (11.0 - 12.7)        | 4.9               | 676                      | 15.5 (14.7 - 16.2)        | 12.4 (11.8 - 13.1)        | 5.6               |
| 4A92                          | 249                      | 20.7 (18.2 - 23.2)        | 25.8 (24.1 - 27.5)        | 8.7               | 85                        | 20.0 (17.6 - 22.3)        | 22.4 (19.6 - 25.2)        | 7.9               | 334                      | 20.5 (18.6 - 22.4)        | 24.9 (23.4 - 26.4)        | 8.5               |
| 4A93                          | 87                       | 24.6 (20.7 - 28.6)        | 28.1 (23.6 - 32.6)        | 8.0               | 26                        | 24.4 (19.6 - 29.1)        | 18.6 (13.2 - 24.0)        | 5.3               | 113                      | 24.6 (21.3 - 27.8)        | 25.9 (22.2 - 29.6)        | 7.4               |
| Missing or excluded*          | 10,880                   |                           |                           |                   | 6,726                     |                           |                           |                   | 17,606                   |                           |                           |                   |
| <b>All episodes</b>           | <b>49,376</b>            | <b>21.5 (21.3 - 21.7)</b> | <b>21.0 (20.8 - 21.1)</b> | <b>6.8</b>        | <b>77,272</b>             | <b>14.5 (14.4 - 14.5)</b> | <b>18.2 (18.1 - 18.2)</b> | <b>8.8</b>        | <b>126,648</b>           | <b>17.0 (16.9 - 17.1)</b> | <b>19.2 (19.1 - 19.3)</b> | <b>7.9</b>        |

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| 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 Australia, by V3 AN-SNAP class and sector, Financial Year 2018 (1/2)



| AN-SNAP class | Public Sector Benchmarks |                      |                    |                   | Private Sector Benchmarks |                    |                    |                   | 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         | 204                      | 94.4 (82.6 - 106.3)  | 38.9 (34.1 - 43.7) | 2.9               | 35                        | 53.6 (38.7 - 68.5) | 52.2 (39.6 - 64.8) | 6.8               | 239                      | 88.5 (77.9 - 99.0)   | 40.8 (36.3 - 45.3) | 3.2               |
| 3-203         | 494                      | 44.3 (41.3 - 47.3)   | 26.1 (23.9 - 28.3) | 4.1               | 95                        | 27.2 (23.8 - 30.6) | 38.0 (30.8 - 45.2) | 9.8               | 589                      | 41.5 (38.9 - 44.1)   | 28.0 (25.8 - 30.2) | 4.7               |
| 3-204         | 1,698                    | 13.4 (13.0 - 13.8)   | 12.2 (11.8 - 12.6) | 6.4               | 686                       | 14.5 (13.5 - 15.5) | 15.0 (14.4 - 15.5) | 7.2               | 2,384                    | 13.7 (13.3 - 14.1)   | 13.0 (12.7 - 13.3) | 6.6               |
| 3-205         | 271                      | 23.5 (21.7 - 25.3)   | 18.7 (17.4 - 20.1) | 5.6               | 43                        | 18.5 (15.9 - 21.1) | 17.7 (14.8 - 20.5) | 6.7               | 314                      | 22.9 (21.2 - 24.5)   | 18.6 (17.4 - 19.8) | 5.7               |
| 3-206         | 1,374                    | 20.3 (19.5 - 21.2)   | 24.1 (23.5 - 24.7) | 8.3               | 589                       | 20.3 (19.5 - 21.1) | 24.2 (23.5 - 24.9) | 8.3               | 1,963                    | 20.3 (19.7 - 21.0)   | 24.1 (23.7 - 24.6) | 8.3               |
| 3-207         | 141                      | 26.0 (23.4 - 28.7)   | 26.7 (24.4 - 29.1) | 7.2               | 29                        | 23.1 (19.6 - 26.5) | 27.5 (22.9 - 32.1) | 8.3               | 170                      | 25.5 (23.2 - 27.8)   | 26.9 (24.8 - 29.0) | 7.4               |
| 3-208         | 1,367                    | 36.1 (35.0 - 37.2)   | 28.2 (27.2 - 29.2) | 5.5               | 362                       | 30.4 (28.5 - 32.3) | 26.9 (25.1 - 28.7) | 6.2               | 1,729                    | 34.9 (34.0 - 35.9)   | 27.9 (27.1 - 28.8) | 5.6               |
| 3-209         | 1,222                    | 45.5 (43.9 - 47.2)   | 38.2 (37.1 - 39.3) | 5.9               | 148                       | 36.9 (33.0 - 40.8) | 32.0 (28.5 - 35.5) | 6.1               | 1,370                    | 44.6 (43.1 - 46.1)   | 37.5 (36.5 - 38.6) | 5.9               |
| 3-210         | 157                      | 10.9 (9.8 - 12.0)    | 12.0 (10.7 - 13.4) | 7.7               | 149                       | 12.2 (11.2 - 13.2) | 15.2 (14.0 - 16.4) | 8.7               | 306                      | 11.5 (10.8 - 12.3)   | 13.6 (12.6 - 14.5) | 8.2               |
| 3-211         | 397                      | 15.0 (13.9 - 16.0)   | 14.3 (13.3 - 15.3) | 6.7               | 236                       | 15.3 (14.2 - 16.5) | 18.4 (17.3 - 19.5) | 8.4               | 633                      | 15.1 (14.3 - 15.9)   | 15.8 (15.1 - 16.6) | 7.3               |
| 3-212         | 167                      | 21.0 (18.8 - 23.3)   | 16.7 (15.1 - 18.4) | 5.6               | 34                        | 20.7 (17.4 - 24.0) | 20.6 (16.9 - 24.2) | 7.0               | 201                      | 21.0 (19.0 - 22.9)   | 17.4 (15.9 - 18.9) | 5.8               |
| 3-213         | 263                      | 33.2 (28.8 - 37.5)   | 22.9 (21.3 - 24.5) | 4.8               | 34                        | 22.7 (18.9 - 26.5) | 21.9 (18.0 - 25.9) | 6.8               | 297                      | 32.0 (28.1 - 35.9)   | 22.8 (21.3 - 24.2) | 5.0               |
| 3-214         | 599                      | 33.9 (31.3 - 36.5)   | 32.0 (30.4 - 33.7) | 6.6               | 211                       | 26.0 (24.0 - 28.1) | 29.4 (27.3 - 31.4) | 7.9               | 810                      | 31.8 (29.8 - 33.8)   | 31.3 (30.0 - 32.7) | 6.9               |
| 3-215         | 142                      | 59.4 (50.3 - 68.6)   | 42.4 (37.4 - 47.4) | 5.0               | 24                        | 39.7 (29.9 - 49.4) | 41.5 (29.6 - 53.3) | 7.3               | 166                      | 56.6 (48.5 - 64.6)   | 42.2 (37.6 - 46.8) | 5.2               |
| 3-216         | 660                      | 13.1 (12.4 - 13.8)   | 10.7 (10.1 - 11.3) | 5.7               | 751                       | 13.4 (12.9 - 14.0) | 12.9 (12.4 - 13.4) | 6.7               | 1,411                    | 13.3 (12.8 - 13.7)   | 11.9 (11.5 - 12.3) | 6.3               |
| 3-217         | 502                      | 17.4 (16.4 - 18.4)   | 19.3 (18.3 - 20.3) | 7.8               | 617                       | 16.4 (15.7 - 17.0) | 18.8 (18.1 - 19.6) | 8.1               | 1,119                    | 16.8 (16.3 - 17.4)   | 19.1 (18.4 - 19.7) | 7.9               |
| 3-218         | 770                      | 28.3 (26.8 - 29.9)   | 24.7 (23.5 - 26.0) | 6.1               | 474                       | 22.9 (21.6 - 24.2) | 20.9 (19.5 - 22.2) | 6.4               | 1,244                    | 26.3 (25.2 - 27.4)   | 23.2 (22.3 - 24.2) | 6.2               |
| 3-219         | 44                       | 34.6 (23.7 - 45.5)   | 26.1 (19.3 - 33.0) | 5.3               | 22                        | 24.3 (19.7 - 29.0) | 16.9 (9.6 - 24.2)  | 4.9               | 66                       | 31.2 (23.7 - 38.6)   | 23.1 (17.8 - 28.3) | 5.2               |
| 3-220         | 23                       | 21.7 (13.2 - 30.1)   | 4.7 (2.7 - 6.6)    | 1.5               | 3                         | n.a                | n.a                | n.a               | 26                       | 22.4 (14.8 - 30.0)   | 4.7 (2.9 - 6.4)    | 1.5               |
| 3-221         | 236                      | 27.9 (24.1 - 31.8)   | 17.8 (16.5 - 19.1) | 4.5               | 49                        | 18.1 (14.3 - 21.8) | 16.1 (13.8 - 18.5) | 6.2               | 285                      | 26.2 (23.0 - 29.5)   | 17.5 (16.3 - 18.6) | 4.7               |
| 3-222         | 348                      | 68.7 (62.2 - 75.1)   | 29.6 (27.5 - 31.7) | 3.0               | 41                        | 40.7 (28.9 - 52.5) | 15.1 (10.7 - 19.6) | 2.6               | 389                      | 65.7 (59.8 - 71.7)   | 28.1 (26.1 - 30.1) | 3.0               |
| 3-223         | 38                       | 107.7 (79.1 - 136.3) | 36.6 (29.6 - 43.5) | 2.4               | 2                         | n.a                | n.a                | n.a               | 40                       | 104.8 (77.3 - 132.3) | 35.2 (28.3 - 42.1) | 2.3               |

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

## LOS and FIM Change Benchmarks of completed episodes in Australia, by V3 AN-SNAP class and sector, Financial Year 2018 (2/2)

| AN-SNAP class       | Public Sector Benchmarks |                           |                           |                   | Private Sector Benchmarks |                           |                           |                   | 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)              |                   |
| 3-224               | 209                      | 21.9 (19.5 - 24.2)        | 5.2 (4.2 - 6.3)           | 1.7               | 42                        | 19.8 (15.1 - 24.5)        | 7.4 (6.1 - 8.7)           | 2.6               | 251                      | 21.5 (19.4 - 23.6)        | 5.6 (4.7 - 6.5)           | 1.8               |
| 3-225               | 701                      | 33.6 (31.9 - 35.2)        | 20.6 (19.7 - 21.6)        | 4.3               | 163                       | 27.4 (24.2 - 30.5)        | 19.9 (18.0 - 21.8)        | 5.1               | 864                      | 32.4 (30.9 - 33.9)        | 20.5 (19.6 - 21.3)        | 4.4               |
| 3-226               | 1,026                    | 15.5 (14.8 - 16.2)        | 18.0 (17.2 - 18.7)        | 8.1               | 3,279                     | 13.4 (13.1 - 13.7)        | 13.2 (12.8 - 13.5)        | 6.9               | 4,305                    | 13.9 (13.6 - 14.2)        | 14.3 (14.0 - 14.7)        | 7.2               |
| 3-227               | 2,500                    | 14.7 (14.4 - 15.1)        | 13.8 (13.4 - 14.1)        | 6.5               | 3,632                     | 15.4 (15.1 - 15.7)        | 16.1 (15.9 - 16.4)        | 7.3               | 6,132                    | 15.1 (14.9 - 15.3)        | 15.2 (15.0 - 15.3)        | 7.0               |
| 3-228               | 2,180                    | 18.7 (18.3 - 19.2)        | 21.6 (21.2 - 22.0)        | 8.1               | 2,468                     | 19.9 (19.4 - 20.3)        | 23.5 (23.2 - 23.9)        | 8.3               | 4,648                    | 19.3 (19.0 - 19.7)        | 22.6 (22.4 - 22.9)        | 8.2               |
| 3-229               | 3,037                    | 25.0 (24.4 - 25.5)        | 28.7 (28.2 - 29.3)        | 8.0               | 2,318                     | 27.2 (26.6 - 27.9)        | 30.1 (29.6 - 30.7)        | 7.7               | 5,355                    | 26.0 (25.5 - 26.4)        | 29.3 (29.0 - 29.7)        | 7.9               |
| 3-230               | 669                      | 25.4 (24.2 - 26.6)        | 24.2 (22.8 - 25.6)        | 6.7               | 407                       | 25.5 (24.2 - 26.8)        | 25.1 (23.5 - 26.7)        | 6.9               | 1,076                    | 25.4 (24.5 - 26.3)        | 24.5 (23.5 - 25.6)        | 6.8               |
| 3-231               | 630                      | 9.7 (9.2 - 10.1)          | 7.5 (7.2 - 7.9)           | 5.4               | 7,913                     | 9.2 (9.0 - 9.3)           | 9.5 (9.4 - 9.5)           | 7.2               | 8,543                    | 9.2 (9.0 - 9.3)           | 9.3 (9.2 - 9.4)           | 7.1               |
| 3-232               | 2,672                    | 11.9 (11.6 - 12.2)        | 19.2 (18.9 - 19.5)        | 11.3              | 16,488                    | 11.2 (11.1 - 11.3)        | 19.7 (19.6 - 19.8)        | 12.3              | 19,160                   | 11.3 (11.2 - 11.4)        | 19.7 (19.6 - 19.7)        | 12.2              |
| 3-233               | 945                      | 19.6 (18.8 - 20.3)        | 32.8 (32.0 - 33.7)        | 11.8              | 1,195                     | 20.3 (19.4 - 21.3)        | 32.2 (31.5 - 32.9)        | 11.1              | 2,140                    | 20.0 (19.4 - 20.6)        | 32.5 (31.9 - 33.0)        | 11.4              |
| 3-234               | 314                      | 11.8 (10.9 - 12.6)        | 9.2 (8.5 - 9.8)           | 5.5               | 2,912                     | 10.6 (10.3 - 10.8)        | 11.4 (11.2 - 11.6)        | 7.6               | 3,226                    | 10.7 (10.5 - 10.9)        | 11.2 (11.0 - 11.4)        | 7.4               |
| 3-235               | 615                      | 15.9 (15.1 - 16.7)        | 18.4 (17.7 - 19.1)        | 8.1               | 3,444                     | 13.3 (13.1 - 13.6)        | 20.6 (20.4 - 20.8)        | 10.8              | 4,059                    | 13.7 (13.5 - 14.0)        | 20.2 (20.0 - 20.5)        | 10.3              |
| 3-236               | 606                      | 23.2 (21.9 - 24.6)        | 27.2 (26.0 - 28.4)        | 8.2               | 1,124                     | 21.5 (20.7 - 22.4)        | 29.2 (28.5 - 29.9)        | 9.5               | 1,730                    | 22.1 (21.4 - 22.9)        | 28.5 (27.9 - 29.1)        | 9.0               |
| 3-237               | 923                      | 15.9 (15.2 - 16.6)        | 18.8 (17.9 - 19.6)        | 8.2               | 2,483                     | 12.8 (12.5 - 13.0)        | 17.8 (17.4 - 18.1)        | 9.7               | 3,406                    | 13.6 (13.4 - 13.9)        | 18.0 (17.7 - 18.4)        | 9.3               |
| 3-238               | 76                       | 14.7 (12.2 - 17.2)        | 9.9 (8.6 - 11.3)          | 4.7               | 45                        | 17.8 (14.4 - 21.2)        | 13.0 (11.4 - 14.5)        | 5.1               | 121                      | 15.8 (13.8 - 17.9)        | 11.1 (10.0 - 12.1)        | 4.9               |
| 3-239               | 204                      | 26.5 (23.7 - 29.3)        | 23.8 (22.1 - 25.6)        | 6.3               | 275                       | 25.2 (22.9 - 27.5)        | 27.7 (26.6 - 28.8)        | 7.7               | 479                      | 25.8 (24.0 - 27.5)        | 26.1 (25.1 - 27.0)        | 7.1               |
| 3-240               | 130                      | 62.6 (51.0 - 74.2)        | 42.9 (40.0 - 45.8)        | 4.8               | 171                       | 51.0 (45.5 - 56.4)        | 48.4 (46.4 - 50.3)        | 6.6               | 301                      | 56.0 (50.1 - 61.9)        | 46.0 (44.3 - 47.7)        | 5.8               |
| 3-241               | 31                       | 69.4 (52.0 - 86.8)        | 63.5 (56.4 - 70.5)        | 6.4               | 22                        | 71.9 (54.8 - 89.0)        | 65.3 (54.4 - 76.1)        | 6.4               | 53                       | 70.4 (58.1 - 82.7)        | 64.2 (58.2 - 70.2)        | 6.4               |
| 3-242               | 2,489                    | 12.0 (11.7 - 12.3)        | 8.6 (8.4 - 8.9)           | 5.0               | 5,765                     | 11.9 (11.8 - 12.1)        | 11.1 (10.9 - 11.3)        | 6.5               | 8,254                    | 12.0 (11.8 - 12.1)        | 10.4 (10.2 - 10.5)        | 6.1               |
| 3-243               | 4,154                    | 15.3 (15.0 - 15.6)        | 17.0 (16.7 - 17.3)        | 7.8               | 7,963                     | 14.8 (14.6 - 15.0)        | 18.6 (18.5 - 18.8)        | 8.8               | 12,117                   | 15.0 (14.8 - 15.1)        | 18.1 (17.9 - 18.2)        | 8.5               |
| 3-244               | 5,226                    | 21.0 (20.5 - 21.4)        | 23.5 (23.1 - 23.9)        | 7.8               | 4,474                     | 19.7 (19.4 - 20.0)        | 23.3 (22.9 - 23.6)        | 8.3               | 9,700                    | 20.4 (20.1 - 20.6)        | 23.4 (23.1 - 23.7)        | 8.0               |
| 3-245               | 771                      | 28.3 (26.9 - 29.7)        | 25.1 (23.6 - 26.7)        | 6.2               | 325                       | 25.0 (23.3 - 26.7)        | 21.3 (19.2 - 23.3)        | 6.0               | 1,096                    | 27.3 (26.2 - 28.4)        | 24.0 (22.7 - 25.2)        | 6.1               |
| Missing or excluded | 8,151                    |                           |                           |                   | 5,730                     |                           |                           |                   | 13,881                   |                           |                           |                   |
| <b>All episodes</b> | <b>49,376</b>            | <b>21.5 (21.3 - 21.7)</b> | <b>21.0 (20.8 - 21.1)</b> | <b>6.8</b>        | <b>77,272</b>             | <b>14.5 (14.4 - 14.5)</b> | <b>18.2 (18.1 - 18.2)</b> | <b>8.8</b>        | <b>126,648</b>           | <b>17.0 (16.9 - 17.1)</b> | <b>19.2 (19.1 - 19.3)</b> | <b>7.9</b>        |

NOTE 1: Where the number of episodes &lt; 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                                  |