

**CYMHS/CAMHS Mental Health Quarterly KPI Report - 2016-17 Q4**

| Inpatient - FY16-17 Q4 |                    |                              | Beds per 10,000 Popln - Metro Only | Trim avg LOS <=35 days | Secl per 1000 Occ. beddays | % Self Rating Measures Offered | % Self Rating Measures Completed | % Valid HoNOS compliant | Mean HoNOS at episode start |
|------------------------|--------------------|------------------------------|------------------------------------|------------------------|----------------------------|--------------------------------|----------------------------------|-------------------------|-----------------------------|
| Adolescent Units       | Austin Health      | North East (Austin)          | 2.5                                | 9.6                    | 14.7                       | 85 %                           | 85 %                             | 88 %                    | 21.0                        |
|                        | Eastern Health     | Eastern CYMHS                | 2.4                                | 5.5                    | 3.8                        | 54 %                           | 44 %                             | 73 %                    | 18.1                        |
|                        | Monash Health      | South Eastern (Monash CAMHS) | 2.3                                | 7.3                    | 4.4                        | 46 %                           | 45 %                             | 95 %                    | 18.1                        |
|                        | Royal Children's   | North Western (RCH)          | 2.1                                | 6.5                    | 2.2                        | 74 %                           | 74 %                             | 36 %                    | 18.8                        |
|                        | <b>TOTAL METRO</b> |                              | <b>2.3</b>                         | <b>6.9</b>             | <b>6.0</b>                 | <b>61 %</b>                    | <b>58 %</b>                      | <b>74 %</b>             | <b>18.7</b>                 |
| Statewide Child Unit   | Austin Health      | Statewide Child Unit (Eagle) |                                    | 12.2                   | 0.0                        | 53 %                           | 41 %                             | 46 %                    | 26.2                        |

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| Community - FY16-17 Q4 |                               | Pre-admission Contact Rate - CAMHS | Post-discharge follow up Rate - CAMHS | Case re-referral rate (lagged) | Avg length of case (days) | Avg Treat. Days | % Valid HoNOS compliant | Mean HoNOS at comm. case start | % Clients with sig. improv. case end | % Self Rating Measures Completed | Chg in Mean # of Clin Signif HoNOS items | % Clients Aged Under 12 |
|------------------------|-------------------------------|------------------------------------|---------------------------------------|--------------------------------|---------------------------|-----------------|-------------------------|--------------------------------|--------------------------------------|----------------------------------|--|-------------------------|
| Alfred Health          | Inner South East (The Alfred) | 27 %                               | 94 %                                  | 10 %                           | 336.2                     | 4.2             | 68 %                    | 16.6                           | 59 %                                 | 10 %                             | 1.8                                      | 40 %                    |
| Austin Health          | North East (Austin)           | 46 %                               | 92 %                                  | 14 %                           | 155.1                     | 5.5             | 67 %                    | 15.9                           | 48 %                                 | 47 %                             | 1.5                                      | 21 %                    |
| Eastern Health         | Eastern CYMHS                 | 58 %                               | 94 %                                  | 13 %                           | 326.2                     | 8.3             | 74 %                    | 17.0                           | 49 %                                 | 39 %                             | 1.3                                      | 20 %                    |
| Monash Health          | South Eastern (Monash CAMHS)  | 41 %                               | 94 %                                  | 17 %                           | 146.6                     | 4.7             | 80 %                    | 15.5                           | 32 %                                 | 41 %                             | 0.5                                      | 23 %                    |
| Royal Children's       | North Western (RCH)           | 54 %                               | 70 %                                  | 19 %                           | 142.5                     | 3.0             | 55 %                    | 17.3                           | 45 %                                 | 55 %                             | 1.4                                      | 35 %                    |
| <b>TOTAL METRO</b>     |                               | <b>48 %</b>                        | <b>87 %</b>                           | <b>16 %</b>                    | <b>205.6</b>              | <b>5.3</b>      | <b>70 %</b>             | <b>16.3</b>                    | <b>43 %</b>                          | <b>40 %</b>                      | <b>1.1</b>                               | <b>28 %</b>             |
| Ballarat Health        | Grampians                     | 82 %                               | 90 %                                  | 13 %                           | 219.8                     | 5.2             | 32 %                    | 15.0                           | 67 %                                 | 28 %                             | 2.4                                      | 31 %                    |
| Barwon Health          | Barwon                        | 50 %                               | 38 %                                  | 0 %                            | 492.3                     | 2.8             | 56 %                    | 18.3                           | 80 %                                 | 17 %                             |  | 29 %                    |
| Bendigo Health         | Loddon/Southern Mallee        | 56 %                               | 100 %                                 | 9 %                            | 212.1                     | 2.8             | 35 %                    | 15.6                           | 44 %                                 | 29 %                             | 2.2                                      | 33 %                    |
| Goulburn Valley Health | Goulburn & Southern           | 64 %                               | 50 %                                  | 5 %                            | 83.3                      | 2.3             | 29 %                    | 16.1                           | 80 %                                 | 16 %                             |  | 39 %                    |
| Latrobe Regional       | Gippsland                     | 36 %                               | 85 %                                  | 1 %                            | 381.9                     | 5.9             | 89 %                    | 17.2                           | 54 %                                 | 14 %                             | 1.4                                      | 34 %                    |
| Mildura Base Hospital  | Northern Mallee               | 50 %                               | 100 %                                 | 10 %                           | 197.3                     | 5.4             | 53 %                    | 14.7                           | 42 %                                 | 7 %                              | 1.3                                      | 19 %                    |
| Albury Wodonga Health  | North East & Border           | 80 %                               | 88 %                                  | 6 %                            | 277.6                     | 4.3             | 47 %                    | 17.8                           | 69 %                                 | 75 %                             | 2.3                                      | 35 %                    |
| South West Health      | South West Health Care        | 100 %                              | 89 %                                  | 7 %                            | 404.2                     | 2.9             | 50 %                    | 16.5                           | 55 %                                 | 47 %                             | 2.5                                      | 29 %                    |
| <b>TOTAL RURAL</b>     |                               | <b>64 %</b>                        | <b>75 %</b>                           | <b>8 %</b>                     | <b>243.8</b>              | <b>4.2</b>      | <b>51 %</b>             | <b>16.2</b>                    | <b>56 %</b>                          | <b>29 %</b>                      | <b>2.0</b>                               | <b>32 %</b>             |
| <b>TOTAL STATEWIDE</b> |                               | <b>51 %</b>                        | <b>85 %</b>                           | <b>13 %</b>                    | <b>217.2</b>              | <b>4.9</b>      | <b>66 %</b>             | <b>16.2</b>                    | <b>46 %</b>                          | <b>37 %</b>                      | <b>1.3</b>                               | <b>29 %</b>             |

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| Inpatient - Year to Date<br>(FY16-17 Q1-4 ) |                    |                                 | Beds per<br>10,000 Popln<br>- Metro Only | Trim avg<br>LOS <=35<br>days | Secl per<br>1000 Occ.<br>beddays | % Self<br>Rating<br>Measures<br>Offered | % Self<br>Rating<br>Measures<br>Completed | % Valid<br>HoNOS<br>compliant | Mean HoNOS<br>at episode<br>start |
|---|--------------------|---------------------------------|--|------------------------------|----------------------------------|---|---|-------------------------------|-----------------------------------|
| Adolescent<br>Units                         | Austin Health      | North East (Austin)             | 2.5                                      | 8.5                          | 14.0                             | 90 %                                    | 90 %                                      | 91 %                          | 21.3                              |
|   | Eastern Health     | Eastern CYMHS                   | 2.4                                      | 4.8                          | 2.8                              | 64 %                                    | 55 %                                      | 78 %                          | 17.9                              |
|   | Monash Health      | South Eastern (Monash<br>CAMHS) | 2.3                                      | 7.3                          | 3.7                              | 40 %                                    | 38 %                                      | 87 %                          | 18.3                              |
|   | Royal Children's   | North Western (RCH)             | 2.0                                      | 5.9                          | 5.6                              | 71 %                                    | 71 %                                      | 42 %                          | 18.6                              |
|   | <b>TOTAL METRO</b> |                                 | <b>2.3</b>                               | <b>6.3</b>                   | <b>6.4</b>                       | <b>63 %</b>                             | <b>60 %</b>                               | <b>73 %</b>                   | <b>18.7</b>                       |
| Statewide<br>Child Unit                     | Austin Health      | Statewide Child Unit<br>(Eagle) |  | 13.2                         | 0.0                              | 77 %                                    | 41 %                                      | 47 %                          | 26.0                              |

**CYMHS/CAMHS Mental Health Quarterly KPI Report - 2016-17 Q4**

| Community - Year to Date<br>(FY16-17 Q1-4 ) |                                  | Pre-admission<br>Contact<br>Rate -<br>CAMHS | Post-discharge<br>follow up<br>Rate -<br>CAMHS | Case re-<br>referral<br>rate<br>(lagged) | Avg length<br>of case<br>(days) | Avg Treat.<br>Days | % Valid<br>HoNOS<br>compliant | Mean<br>HoNOS at<br>comm.<br>case start | % Clients<br>with sig.<br>improv.<br>case end | % Self<br>Rating<br>Measures<br>Completed | Chg in<br>Mean # of<br>Clin Signif<br>HoNOS<br>items | % Clients<br>Aged<br>Under 12 |
|---|----------------------------------|---|--|--|---------------------------------|--------------------|-------------------------------|---|---|---|--|-------------------------------|
| Alfred Health                               | Inner South East<br>(The Alfred) | 29 %  | 92 %   | 8 %                                      | 319.7                           | 4.4                | 68 %                          | 15.9                                    | 55 %  | 9 %                                       | 1.6  | 39 %                          |
| Austin Health                               | North East (Austin)              | 46 %  | 92 %   | 16 %                                     | 158.0                           | 4.7                | 67 %                          | 15.5                                    | 48 %  | 49 %                                      | 1.5  | 24 %                          |
| Eastern Health                              | Eastern CYMHS                    | 55 %  | 91 %   | 13 %                                     | 298.0                           | 7.7                | 74 %                          | 18.0                                    | 56 %  | 38 %                                      | 1.6  | 20 %                          |
| Monash Health                               | South Eastern<br>(Monash CAMHS)  | 41 %  | 95 %   | 16 %                                     | 152.3                           | 5.3                | 80 %                          | 16.2                                    | 40 %  | 46 %                                      | 0.8  | 22 %                          |
| Royal Children's                            | North Western<br>(RCH)           | 57 %  | 72 %   | 17 %                                     | 132.1                           | 3.1                | 69 %                          | 17.5                                    | 40 %  | 64 %                                      | 1.2  | 34 %                          |
| <b>TOTAL METRO</b>                          |                                  | <b>50 %</b>                                 | <b>87 %</b>                                    | <b>15 %</b>                              | <b>193.9</b>                    | <b>5.2</b>         | <b>73 %</b>                   | <b>16.7</b>                             | <b>46 %</b>                                   | <b>42 %</b>                               | <b>1.3</b>   | <b>28 %</b>                   |
| Ballarat Health                             | Grampians                        | 64 %  | 70 %   | 11 %                                     | 222.7                           | 4.0                | 29 %                          | 14.3                                    | 68 %  | 32 %                                      | 2.8  | 31 %                          |
| Barwon Health                               | Barwon                           | 44 %  | 43 %   | 2 %                                      | 339.1                           | 3.5                | 62 %                          | 17.2                                    | 63 %  | 29 %                                      |  | 33 %                          |
| Bendigo Health                              | Loddon/Southern<br>Mallee        | 63 %  | 96 %   | 11 %                                     | 208.2                           | 2.4                | 39 %                          | 16.3                                    | 47 %  | 24 %                                      | 1.4  | 30 %                          |
| Goulburn Valley<br>Health                   | Goulburn &<br>Southern           | 57 %  | 54 %   | 5 %                                      | 148.8                           | 1.0                | 28 %                          | 16.0                                    | 64 %  | 20 %                                      | 2.2  | 49 %                          |
| Latrobe Regional                            | Gippsland                        | 48 %  | 90 %   | 7 %                                      | 294.3                           | 4.0                | 61 %                          | 16.9                                    | 54 %  | 11 %                                      | 1.5  | 35 %                          |
| Mildura Base Hospital                       | Northern Mallee                  | 67 %  | 100 %  | 10 %                                     | 273.7                           | 5.3                | 72 %                          | 16.1                                    | 51 %  | 10 %                                      | 1.3  | 27 %                          |
| Albury Wodonga<br>Health                    | North East &<br>Border           | 87 %  | 81 %   | 8 %                                      | 258.1                           | 4.0                | 48 %                          | 16.7                                    | 71 %  | 79 %                                      | 2.4  | 37 %                          |
| South West Health                           | South West Health<br>Care        | 95 %  | 86 %   | 6 %                                      | 326.1                           | 2.8                | 46 %                          | 16.8                                    | 61 %  | 44 %                                      | 2.6  | 31 %                          |
| <b>TOTAL RURAL</b>                          |                                  | <b>61 %</b>                                 | <b>76 %</b>                                    | <b>9 %</b>                               | <b>245.4</b>                    | <b>3.4</b>         | <b>47 %</b>                   | <b>16.2</b>                             | <b>58 %</b>                                   | <b>29 %</b>                               | <b>1.9</b>   | <b>33 %</b>                   |
| <b>TOTAL STATEWIDE</b>                      |                                  | <b>51 %</b>                                 | <b>85 %</b>                                    | <b>13 %</b>                              | <b>209.8</b>                    | <b>4.6</b>         | <b>66 %</b>                   | <b>16.6</b>                             | <b>49 %</b>                                   | <b>38 %</b>                               | <b>1.4</b>   | <b>29 %</b>                   |

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### Definitions

| Setting   | KPI                                   | Description   | Target | Comments   |
|-----------|---------------------------------------|---|--------|--|
| Inpatient | Beds per 10,000 Popln - Metro Only    | The number of funded Adolescent Inpatient Unit beds per 10,000 adolescent population (aged 13-17 inclusive) in the relevant catchment area.   |        | No specified benchmark. Inpatient Beds per 10,000 population figures include persons aged 13-17 in Metropolitan catchments only. Population figures are Estimated Resident Population (ERP) figures as at 2011, for years up to & incl 2011. From 2012, ERP Projection figures are used.   |
|           | Trim avg LOS <=35 days                | The average length of stay (days) of discharges from inpatient units, excluding same day stays & excluding discharges with length of stay greater than 35 days.   |        | Shorter lengths of stay can be associated with higher readmission rates. Note this KPI is based on the episode start & end dates (as opposed to individual admission events within an episode).  |
|           | Secl per 1000 Occ. beddays            | The number of ended seclusion episodes divided by occupied beddays multiplied by 1000. Occupied beddays excludes leave and same day stays. Excludes units that do not have a seclusion room. (NB. Beddays calculated in minutes & converted to days)  | 15.0   | Policy emphasis is on reducing use of seclusion where possible. Defined according to proposed national definition.   |
|           | % Self Rating Measures Offered        | Clinician Offer Rate of the relevant self-rating measures (Basis 32 or SDQ's where appropriate), in an inpatient setting.   |        | This measure can demonstrate services that actively seek client feedback and have systems in place to ensure that at a minimum the consumer measures are considered for collection. Barwon data calculated differently as they do not use tasks in the CMI. NOTE: Data collection from Oct'11 to Jun'12 was affected by protected industrial action. |
|           | % Self Rating Measures Completed      | Consumer Completion Rate of the relevant self-rating measures (Basis 32 or SDQ's where appropriate), in an inpatient setting.   |        | A measure of engagement with family/carer. Barwon data calculated differently as they do not use tasks in the CMI. NOTE: Data collection from Oct'11 to Jun'12 was affected by protected industrial action.  |
|           | % Valid HoNOS compliant               | Participation rate in HoNOS (HoNOSCA/HNSADL/HoNOS65) outcome measurement scales (number of valid HoNOS collection events / total number of outcome collection occasions that should be recorded for in-scope service settings). Excludes instances where the HoNOS score entered was invalid (more than 2 times rated as 9). Calculated from Jan'09 onwards only.   | 85.0 % | Commitment to adoption of outcome measurement part of National Mental Health Strategy, and National Action Plan. Barwon data calculated differently as they do not use tasks in the CMI. NOTE: Data collection from Oct'11 to Jun'12 was affected by protected industrial action.  |
|           | Mean HoNOS at episode start           | The average HoNOS total score (HoNOSCA/HNSADL/HoNOS65) collected on inpatient episode commencement, excluding invalid scores.   |        | Contextual measure of symptom severity at episode commencement. Dates determined from HoNOS completion date. NOTE: Data collection from Oct'11 to Jun'12 was affected by protected industrial action.  |
| Community | Pre-admission Contact Rate - CAMHS    | Percentage of admissions to inpatient unit(s) for which a community ambulatory service contact was recorded in the seven days immediately preceding the day of admission. Excludes same day stays. Admissions are counted against the Mental Health Area (catchment campus) of the client; where unknown this defaults to the admitting campus. Transfers from another hospital are excluded.   | 60.0 % | Reflects service responsiveness and a planned approach to admission, rather than a crisis response. Non Victorian clients are excluded from this KPI. NOTE: Data collection from Oct'11 to Jun'12 was affected by protected industrial action.   |
|           | Post-discharge follow up Rate - CAMHS | Percentage of non-sameday inpatient separations where client was discharged to private residence/accommodation, for which a contact was recorded in the 7 days immediately after discharge (does not include contact made on the day of discharge). Separations are counted against the Mental Health Area (catchment campus) of the client; where unknown this defaults to the admitting campus. When a client is sent on leave & then discharged whilst on leave, contact must occur within the 7 days since the client was on leave. Lagged by 7 days. | 75.0 % | Indicator of effective discharge management. Non Victorian clients are excluded from this KPI. NOTE: Data collection from Oct'11 to Jun'12 was affected by protected industrial action.  |

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| Setting   | KPI                                      | Description   | Target | Comments   |
|-----------|--|---|--------|--|
| Community | Case re-referral rate (lagged)           | Percentage of cases closed during the reporting period where the client involved has a new case opened within six months of case closure. Lagged by six months.   |        | No specified benchmark set. Excludes cases that were opened on the same day or the day after the previous case closure, assuming they are data errors.   |
|           | Avg length of case (days)                | The average length of case (days) for all community cases that were closed during the reporting period.   |        | No specified benchmark set.  |
|           | Avg Treat. Days                          | The number of distinct days with a contact, for each client with an open community case during the reporting period divided by the number of clients with an open community case during the reporting period. Cases must have been open for more than 91 days.. All reportable contacts are included.   |        | NOTE: Data collection from Oct'11 to Jun'12 was affected by protected industrial action.   |
|           | % Valid HoNOS compliant                  | Participation rate in HoNOS (HoNOSCA/HNSADL/HoNOS65) outcome measurement scales (number of valid HoNOS collection events / total number of outcome collection occasions that should be recorded for in-scope service settings). Excludes instances where the HoNOS score entered was invalid (more than 2 itmes rated as 9). Calculated from Jan'09 onwards only. | 85.0 % | Commitment to adoption of outcome measurement part of National Mental Health Strategy, and National Action Plan. Barwon data calculated differently as they do not use tasks in the CMI. NOTE: Data collection from Oct'11 to Jun'12 was affected by protected industrial action.  |
|           | Mean HoNOS at comm. case start           | The average HoNOS total score (HoNOSCA/HNSADL/HoNOS65) collected on case commencement, excluding invalid scores.  |        | Contextual measure of symptom severity at case commencement. Dates determined from HoNOS completion date. NOTE: Data collection from Oct'11 to Jun'12 was affected by protected industrial action.   |
|           | % Clients with sig. improv. case end     | Percentage of completed cases with a significant positive change calculation on HoNOS collected on case start and case end. (Total number of cases with a Significant change score >.5 / The total number of completed case in-scope service setting).  |        | Method aims to focus more on clinically significant change as opposed to overall change. NOTE: Data collection from Oct'11 to Jun'12 was affected by protected industrial action.  |
|           | % Self Rating Measures Completed         | Consumer Completion Rate of the relevant self-rating measures (Basis 32 or SDQ's where appropriate), in a community setting.  |        | A measure of engagement with family/carer. Barwon data calculated differently as they do not use tasks in the CMI. NOTE: Data collection from Oct'11 to Jun'12 was affected by protected industrial action.  |
|           | Chg in Mean # of Clin Signif HoNOS items | The difference between the mean number of clinically significant HoNOS (HoNOSCA/HNSADL/HoNOS65) scales at community case end and the mean number of clinically significant HoNOS scales at community case start. Includes all ended community cases with a valid HoNOS score at start & end. Excludes HoNOSCA Qns 14 & 15, and HoNOSADL & HoNOS65 Qns 11 & 12.    |        | Alternative measure of symptom severity reduction based only on split of each HoNOS item into clinically significant (2,3,4) or not clinically significant (0,1), rather than the sum of each scaled measure. Barwon data calculated differently as they do not use tasks in the CMI. NOTE: Data collection from Oct'11 to Jun'12 was affected by protected industrial action. |
|           | % Clients Aged Under 12                  | Percentage of all CAMHS (aged 0-18) clients receiving a community or inpatient service during the time period, who were aged under 12.  |        | NOTE: Data collection from Oct'11 to Jun'12 was affected by protected industrial action.   |