

Adult mental health quarterly KPI report

July – September 2019

|  |  |
| --- | --- |
|  |  |
|  |  |

# Contents

[Contents 1](#_Toc21699118)

[Inpatient 2019-20 Q1 Metro 2](#_Toc21699119)

[Inpatient 2019-20 Q1 Rural 3](#_Toc21699120)

[Community 2019-20 Q1 Metro 4](#_Toc21699121)

[Community 2019-20 Q1 Rural 5](#_Toc21699122)

[Indicator descriptions and notes 6](#_Toc21699123)



| Inpatient 2019-20 Q1 Metro | | Local access (inpatient) | Bed occupancy (excl leave) | Trimmed average length of stay  (≤35 days) | Long stay bed occupancy (>35 days) | 28 day readmission | Seclusions per 1,000 bed days | Separations with multiple seclusions | Pre admission contact  (in area) | Pre admission contact  (in area ongoing) | 7 day post discharge follow up | HoNOS compliance | ED to MH bed within 8 hours |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alfred Health | Inner South East (The Alfred) | 75 % | 102 % | 11.6 | 18 % | 11 % | 5.7 | 3 % | 69 % | 93 % | 88 % | 87 % | 56 % |
| Austin Health | North East (Austin) | 76 % | 97 % | 7.2 | 16 % | 12 % | 9.3 | 2 % | 52 % | 54 % | 88 % | 69 % | 76 % |
| Eastern Health | Central East  (Box Hill) | 58 % | 95 % | 9.9 | 9 % | 14 % | 16.0 | 3 % | 56 % | 89 % | 94 % | 80 % | 62 % |
| Outer East (Maroondah) | 69 % | 99 % | 7.6 | 10 % | 15 % | 13.5 | 1 % | 56 % | 93 % | 96 % | 79 % | 71 % |
| TOTAL | 66 % | 98 % | 8.2 | 10 % | 15 % | 14.2 | 2 % | 56 % | 92 % | 95 % | 79 % | 69 % |
| Melbourne Health | Inner West (RMH) | 59 % | 92 % | 10.0 | 14 % | 12 % | 9.9 | 2 % | 81 % | 96 % | 87 % | 38 % | 22 % |
| Mid West (Sunshine) | 85 % | 97 % | 9.4 | 12 % | 12 % | 19.6 | 3 % | 67 % | 87 % | 91 % | 95 % | 13 % |
| North West (Broadmeadows) | 58 % | 97 % | 10.7 | 9 % | 18 % | 17.1 | 6 % | 91 % | 100 % | 90 % | 89 % |  |
| Northern | 50 % | 96 % | 10.4 | 9 % | 11 % | 13.5 | 3 % | 69 % | 96 % | 85 % | 89 % | 28 % |
| TOTAL (excl Orygen) | 62 % | 95 % | 10.1 | 11 % | 13 % | 14.7 | 3 % | 71 % | 92 % | 88 % | 80 % | 22 % |
| Orygen Youth Health | 91 % | 98 % | 11.2 | 22 % |  | 5.8 | 1 % | 63 % | 65 % | 82 % | 78 % |  |
| Monash Health | Casey | 74 % | 94 % | 10.6 | 6 % | 13 % | 3.2 | 1 % | 55 % | 91 % | 91 % | 99 % | 21 % |
| Dandenong | 68 % | 96 % | 10.2 | 9 % | 14 % | 5.2 | 1 % | 58 % | 94 % | 90 % | 93 % | 31 % |
| Middle South (Monash Adult) | 34 % | 101 % | 11.1 | 8 % | 15 % | 12.5 | 0 % | 81 % | 97 % | 93 % | 93 % | 26 % |
| TOTAL | 62 % | 97 % | 10.6 | 8 % | 14 % | 6.5 | 1 % | 61 % | 94 % | 91 % | 95 % | 25 % |
| Peninsula Health | Peninsula | 85 % | 94 % | 6.8 | 10 % | 14 % | 1.0 | 0 % | 56 % | 85 % | 90 % | 91 % | 59 % |
| St Vincent's  Hospital | Inner East  (St Vincent's) | 59 % | 88 % | 9.1 | 15 % | 24 % | 3.4 | 1 % | 63 % | 91 % | 97 % | 80 % | 77 % |
| Mercy Health | South West (Werribee) | 85 % | 96 % | 11.6 | 16 % | 13 % | 14.3 | 4 % | 63 % | 91 % | 85 % | 91 % | 48 % |
| TOTAL METRO | (Excl Orygen) | 68 % | 96 % | 9.6 | 12 % | 14 % | 10.0 | 2 % | 62 % | 86 % | 90 % | 85 % | 43 % |
| TOTAL STATEWIDE\* | (Excl Orygen) | 73 % | 95 % | 9.5 | 11 % | 13 % | 10.1 | 2 % | 61 % | 85 % | 90 % | 86 % | 50 % |

| Inpatient 2019-20 Q1 Rural | | Local access (inpatient) | Bed occupancy (excl leave) | Trimmed average length of stay  (≤35 days) | Long stay bed occupancy (>35 days) | 28 day readmission | Seclusions per 1,000 bed days | Separations with multiple seclusions | Pre admission contact  (in area) | Pre admission contact  (in area ongoing) | 7 day post discharge follow up | HoNOS compliance | ED to MH bed within 8 hours |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Ballarat Health | Grampians | 87 % | 90 % | 12.0 | 11 % | 7 % | 20.4 | 9 % | 73 % | 84 % | 95 % | 89 % | 65 % |
| Barwon Health\* | Barwon | 94 % | 88 % | 8.1 | 14 % | 10 % | 22.7 | 4 % | 58 % | 92 % | 94 % | 76 % | 75 % |
| Bendigo Health | Loddon/Southern Mallee | 85 % | 92 % | 9.6 | 8 % | 12 % | 4.1 | 2 % | 59 % | 81 % | 86 % | 87 % | 80 % |
| Goulburn Valley Health | Goulburn & Southern | 86 % | 94 % | 9.8 | 9 % | 14 % | 13.1 | 4 % | 57 % | 88 % | 90 % | 92 % | 81 % |
| Latrobe Regional\* | Gippsland | 91 % | 92 % | 8.0 | 4 % | 13 % | 0.8 | 0 % | 60 % | 88 % | 85 % | 94 % | 83 % |
| Mildura Base Hospital | Northern Mallee | 94 % | 71 % | 6.5 | 1 % | 14 % | 9.1 | 0 % | 49 % | 92 % | 74 % | 82 % | 88 % |
| Albury Wodonga Health | North East & Border | 92 % | 82 % | 10.9 | 13 % | 7 % | 7.9 | 5 % | 54 % | 61 % | 87 % | 95 % | 57 % |
| South West Health\* | South West Health Care | 88 % | 100 % | 8.7 | 14 % | 13 % | 3.3 | 0 % | 75 % | 80 % | 100 % | 72 % | 93 % |
| TOTAL RURAL\* |  | 90 % | 90 % | 9.1 | 9 % | 11 % | 10.1 | 3 % | 60 % | 84 % | 89 % | 86 % | 79 % |
| TOTAL STATEWIDE\* | (Excl Orygen) | 73 % | 95 % | 9.5 | 11 % | 13 % | 10.1 | 2 % | 61 % | 85 % | 90 % | 86 % | 50 % |

# 

| Community 2019-20 Q1 Metro | | New case  rate | Closed cases re-referred within 6 months | Average length of case (days) | Average treatment days | Cases with consumers on a CTO | HoNOS compliance | Average  HoNOS at  case start | Cases with significant improvement at closure | Self rated measures completed | Average change in clinically significant HoNOS items |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alfred Health | Inner South East (The Alfred) | 26 % | 21 % | 289.4 | 10.5 | 27 % | 59 % | 15.4 | 49 % | 0 % | 1.0 |
| Austin Health | North East (Austin) | 47 % | 31 % | 145.0 | 5.7 | 9 % | 70 % | 14.5 | 47 % | 1 % | 1.1 |
| Eastern Health | Central East  (Box Hill) | 25 % | 31 % | 159.4 | 10.1 | 27 % | 79 % | 13.2 | 55 % | 1 % | 1.7 |
| Eastern CYMHS | 36 % | 14 % | 119.0 | 2.7 | 0 % | 93 % | 10.9 | 41 % | 12 % | 0.6 |
| Outer East (Maroondah) | 32 % | 19 % | 154.6 | 8.2 | 23 % | 76 % | 15.3 | 49 % | 1 % | 1.3 |
| TOTAL | 30 % | 23 % | 153.8 | 8.7 | 23 % | 78 % | 14.5 | 50 % | 2 % | 3.7 |
| Melbourne Health | Inner West (RMH) | 17 % | 16 % | 329.2 | 6.5 | 16 % | 56 % | 15.7 | 58 % | 1 % | 1.5 |
| Mid West (Sunshine) | 30 % | 24 % | 215.7 | 6.9 | 14 % | 79 % | 12.7 | 52 % | 0 % | 1.4 |
| North West (Broadmeadows) | 13 % | 24 % | 858.0 | 4.8 | 19 % | 68 % | 11.0 | 49 % | 9 % | 1.1 |
| Northern | 19 % | 21 % | 385.7 | 8.8 | 20 % | 64 % | 12.4 | 54 % | 4 % | 1.5 |
| TOTAL (excl Orygen) | 20 % | 21 % | 529.9 | 6.6 | 17 % | 67 % | 12.9 | 53 % | 3 % | 5.4 |
| Orygen Youth Health | 29 % | 20 % | 223.8 | 5.3 | 6 % | 37 % | 14.9 | 66 % | 1 % | 2.0 |
| Monash Health | Casey | 30 % | 18 % | 165.1 | 6.5 | 21 % | 96 % | 12.9 | 60 % | 6 % | 2.0 |
| Dandenong | 32 % | 22 % | 212.1 | 8.6 | 25 % | 93 % | 13.1 | 54 % | 7 % | 1.5 |
| Middle South (Monash Adult) | 34 % | 22 % | 183.2 | 8.7 | 19 % | 97 % | 12.6 | 49 % | 7 % | 1.0 |
| TOTAL | 32 % | 20 % | 187.6 | 7.8 | 22 % | 95 % | 12.9 | 54 % | 7 % | 4.5 |
| Peninsula Health | Peninsula | 44 % | 26 % | 161.4 | 7.8 | 12 % | 83 % | 15.0 | 47 % | 1 % | 1.3 |
| St Vincent's  Hospital | Inner East  (St Vincent's) | 23 % | 24 % | 339.0 | 11.1 | 13 % | 65 % | 12.6 | 27 % | 10 % | 0.7 |
| Mercy Health | South West (Werribee) | 60 % | 28 % | 81.7 | 5.7 | 14 % | 73 % | 11.8 | 55 % | 22 % | 1.6 |
| TOTAL METRO | (Excl Orygen) | 30 % | 24 % | 274.4 | 7.8 | 18 % | 77 % | 13.6 | 50 % | 5 % | 1.3 |
| TOTAL STATEWIDE\* | (Excl Orygen) | 29 % | 23 % | 266.6 | 7.4 | 15 % | 70 % | 13.7 | 53 % | 7 % | 1.5 |

| Community 2019-20 Q1 Rural | | New case  rate | Closed cases re-referred within 6 months | Average length of case (days) | Average treatment days | Cases with consumers on a CTO | HoNOS compliance | Average  HoNOS at  case start | Cases with significant improvement at closure | Self rated measures completed | Average change in clinically significant items |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Ballarat Health | Grampians | 26 % | 19 % | 297.5 | 5.8 | 8 % | 27 % | 12.4 | 68 % | 5 % | 2.1 |
| Barwon Health\* | Barwon | 20 % | 17 % | 422.0 | 7.4 | 10 % | 56 % | 12.8 | 52 % | 29 % | 1.2 |
| Bendigo Health | Loddon/Southern Mallee | 33 % | 23 % | 123.8 | 6.9 | 8 % | 55 % | 15.1 | 70 % | 4 % | 2.6 |
| Goulburn Valley Health | Goulburn & Southern | 38 % | 16 % | 111.4 | 7.1 | 10 % | 30 % | 13.7 | 74 % | 10 % | 2.8 |
| Latrobe Regional\* | Gippsland | 27 % | 19 % | 267.3 | 8.5 | 8 % | 84 % | 14.4 | 50 % | 1 % | 1.4 |
| Mildura Base Hospital | Northern Mallee | 28 % | 7 % | 222.5 | 9.2 | 9 % | 75 % | 13.5 | 73 % | 6 % | 2.4 |
| Albury Wodonga Health | North East & Border | 26 % | 20 % | 218.7 | 4.6 | 6 % | 60 % | 14.2 | 63 % | 19 % | 2.1 |
| South West Health\* | South West Health Care | 24 % | 11 % | 359.2 | 5.6 | 5 % | 60 % | 11.0 | 67 % | 22 % | 2.0 |
| TOTAL RURAL\* |  | 27 % | 18 % | 248.7 | 6.8 | 8 % | 57 % | 13.7 | 62 % | 12 % | 2.0 |
| TOTAL STATEWIDE\* | (Excl Orygen) | 29 % | 23 % | 266.6 | 7.4 | 15 % | 70 % | 13.7 | 53 % | 7 % | 1.5 |

# Indicator descriptions and notes

\* July to September 2019 data may be incomplete for Barwon Health, Latrobe Regional Hospital and South West Health Care. Total statewide and rural results should be interpreted with caution.

| Setting | KPI | Description | Target | Notes |
| --- | --- | --- | --- | --- |
| Inpatient | Local access (inpatient) | Percentage of separations from an inpatient unit where the consumer was a resident of the area mental health service catchment. |  | Measure can be a reflection of an area mental health service’s ability to meet the inpatient mental health needs of people within its catchment. |
|  | Bed occupancy (excl leave) | Rate of occupied bed hours (excluding leave) per funded bed hours within an inpatient unit. |  |  |
|  | Trimmed average length of stay (≤35 days) | Average length of stay (days) of separations from an inpatient unit, excluding same day stays and separations with an average length of stay greater than 35 days. |  | A shorter length of stay may be associated with higher re-admission rates. Measure calculation is based on episode start and end dates and not individual admission events within an episode. |
|  | Long stay bed occupancy (>35 days) | Rate of occupied bed hours for 'long stay' admissions (excludes first 35 days of admission) per funded bed hours within an inpatient unit. |  |  |
|  | 28 day readmission | Percentage of separations from an inpatient unit where the consumer was re-admitted (planned or unplanned) to any inpatient unit within 28 days of separation. | 14.0 % | Measure can reflect quality of care, effectiveness of discharge planning, level of support post discharge and other factors. Results exclude (a) discharges where the consumer was transferred to another inpatient unit, (b) same day stays, (c) overnight ECT admissions where ECT occurred on the day of separation, or (d) re-admissions to Mother/Baby, Eating Disorder, PICU and Neuropsychiatry units. |
|  | Seclusions per 1,000 bed days | Rate of ended seclusion episodes per 1,000 occupied bed days within inpatient units, excluding leave, same day stays and units that do not have a seclusion room. | 15.0 | Calculation of bed days involves converting minutes into days. |
|  | Separations with multiple seclusions | Percentage of separations from an inpatient unit with multiple seclusion episodes during the admitted episode, excluding units that do not have a seclusion room. | 3.0 % | Seclusion episodes are recorded against the team where the client was originally admitted, even though the seclusions may have occurred in different units. |
|  | Pre admission contact (in area) | Percentage of admissions to an inpatient unit/s for which an ambulatory service contact was recorded in the seven days immediately preceding the day of admission, excluding same day stays, out of area admissions and transfers from another hospital. | 61.0 % | Measure can provide an indicator of a service's responsiveness and a planned approach to admission as opposed to a crisis response. Results during 2011, 2012, 2016 and 2017 were affected by industrial activity and should be interpreted with caution. |
|  | Pre admission contact (in area ongoing) | Percentage of admissions to an inpatient unit/s in which the consumer had an open community case and an ambulatory service contact recorded in the 7 days immediately preceding the day of admission, excluding same day stays, out of area admissions and transfers from another hospital. | 61.0 % | Measure can provide an indicator of a service's responsiveness and a planned approach to admission as opposed to a crisis response. Results during 2011, 2012, 2016 and 2017 were affected by industrial activity and should be interpreted with caution. |
|  | 7 day post discharge follow up | Percentage of non-same day separations from inpatient units where the consumer was discharged to private residence or accommodation, for which an ambulatory service contact was recorded in the 7 days post separation, excluding contact made on the day of separation. | 80.0 % | Where a consumer is discharged whilst on leave, contact must occur within the 7 days of leave. Results during 2011, 2012, 2016 and 2017 were affected by industrial activity and should be interpreted with caution. |
|  | HoNOS compliance | Percentage of required collection events in an inpatient unit where a HoNOS outcome measurement scale (HoNOSCA/HNSADL/HoNOS65) was completed, excluding invalid HoNOS scores (more than two times rated as '9'). | 85.0 % | Results during 2011, 2012, 2016 and 2017 were affected by industrial activity and should be interpreted with caution. |
|  | ED to MH bed within 8 hours | Percentage of emergency department presentations departing to a mental health bed (at this or another hospital) within 8 hours of arrival, reported by responsible area mental health service. | 80.0 % | Measure can be interpreted as a mental health bed access indicator, noting factors such as local admission practices such as direct admissions. Results calculated based on departure date. Consumer group based on age at presentation. Activity within all non-specialty emergency departments is included. EDs without on-site acute mental health beds are mapped to the responsible AMHS. Measure specification updated for 2019-20. |
| Community | New case rate | Percentage of community cases open at any time during the reference period which started during the reference period. |  |  |
|  | Closed cases re-referred within 6 months | Percentage closed community cases where the consumer had a new community case opened within 6 months of case closure. |  | Results lagged by 6 months. Measure calculation excludes cases that were opened on the same day or the day after the previous case closure, based on the assumption they are data errors. |
|  | Average length of case (days) | Average length of case (days) for community cases closed during the reference period. |  |  |
|  | Average treatment days | Average number of distinct days with a reportable contact for consumers with an open community case during the reference period, excluding cases open less than 91 days. |  | Results during 2011, 2012, 2016 and 2017 were affected by industrial activity and should be interpreted with caution. |
|  | Cases with consumers on a CTO | Percentage of open community cases where the consumer was concurrently on a Community Treatment Order (CTO). |  |  |
|  | HoNOS compliance | Percentage of required collection events in a community setting where a HoNOS outcome measurement scale (HoNOSCA/HNSADL/HoNOS65) was completed, excluding invalid HoNOS scores (more than two times rated as '9'). | 85.0 % | Results during 2011, 2012, 2016 and 2017 were affected by industrial activity and should be interpreted with caution. |
|  | Average HoNOS at case start | Average HoNOS total score (HoNOSCA/HNSADL/HoNOS65) collected on community case commencement, excluding invalid scores (more than two times rated as '9'). |  | Measure reports symptom severity at episode commencement. Dates used in measure calculation are based on HoNOS completion date. Results during 2011, 2012, 2016 and 2017 were affected by industrial activity and should be interpreted with caution. |
|  | Cases with significant improvement at closure | Percentage of completed community cases with a 'significant' (cases with a change score >0.5) positive change calculation on case start and case end. |  | Measure reports on clinically significant change as opposed to overall change. Results during 2011, 2012, 2016 and 2017 were affected by industrial activity and should be interpreted with caution. |
|  | Self rated measures completed | Percentage of collection occasions in a community setting where consumers completed a relevant consumer self-assessment measurement scale (BASIS-32/SDQ). |  | Measure can be an indicator of service engagement with families and carers. Results during 2011, 2012, 2016 and 2017 were affected by industrial activity and should be interpreted with caution. |
|  | Average change in clinically significant HoNOS items | Difference in average number of 'clinically significant' HoNOS scales (HoNOSCA/HNSADL/HoNOS65) at community case start and end, excluding invalid scores (more than two times rated as '9'), HoNOSCA questions 14 and 15, and HNSADL/HoNOS65 questions 11 and 12. |  | Measure is an alternative indicator of symptom severity reduction based on split of each HoNOS item into clinically significant (2,3,4) or not (0,1) rather than the sum of each scaled measure. Results during 2011, 2012, 2016 and 2017 were affected by industrial activity and should be interpreted with caution. |

|  |
| --- |
| To receive this publication in an accessible format phone (03) 9096 1878, using the National Relay Service 13 36 77 if required, or email Victorian Agency for Health Information <[vahi@vahi.vic.gov.au](mailto:vahi@vahi.vic.gov.au)>  Authorised and published by the Victorian Government, 1 Treasury Place, Melbourne.  © State of Victoria, Department of Health and Human Services October 2019  Available from [Adult mental health performance indicator reports page](https://www2.health.vic.gov.au/mental-health/research-and-reporting/mental-health-performance-reports/adult-performance-indicator-reports) <https://www2.health.vic.gov.au/mental-health/research-and-reporting/mental-health-performance-reports/adult-performance-indicator-reports> on the Health.vic website. |