MassHealth 2018 Managed Care Plan Quality Performance

July 2019

Catherine Basham

Brittany Campbell

Amal Elmi

Paul Kirby

*Background*

In 2018, MassHealth identified a slate of performance measures for public reporting, in accordance with CFR 438.340 which requires that states publicly report quality measures and performance outcomes annually for its managed care plans. Measures were selected for Year 1 of public reporting based on MassHealth experience in reporting the measure, availability of standardized specifications and national benchmarks, and alignment with MassHealth and CMS Priorities. Most of the measures selected are reported by more than one MassHealth program, with nine measures reported by three or more MassHealth programs. Measure rates reflect performance in Calendar Year 2017. HEDIS Data collection took place in 2018, and these measures may also be referred to as HEDIS 2018 measures.

*Data Collection*

MassHealth receives plan-level HEDIS data for each of its managed care plans. Plan-level rates are presented in tables for each MassHealth managed care program which operated in 2017 including Managed Care Organizations (MCO), Senior Care Organizations (SCO), One Care, and the Primary Care Clinician (PCC) Plan. In addition to plan-level performance, the tables include a MassHealth Weighted Mean (MHWM), which is a weighted average and reflects an overall performance rate for all the plans within a program reporting data for that measure. MHWM rates are compared to national benchmarks, with arrows representing relative performance (for example, ↑ represents MHWM performance exceeding a benchmark).

Data are compared to national benchmarks. For MCOs, One Care, and the PCC Plan, rates are compared to the Medicaid 90th and 75th percentiles. The 90th percentile represents a level of performance that was met or exceeded by the top 10% of Medicaid plans that submitted HEDIS 2018 data to NCQA. MassHealth uses the Medicaid 90th percentile as the primary benchmark against which MassHealth performance is compared. The Medicaid 75th percentile is used to reflect a minimum standard of performance, which was met or exceeded by the top 25% of Medicaid plans that submitted HEDIS 2018 data to NCQA. SCO Plans are compared to both the Medicaid and Medicare 90th and 75th percentiles (where available). Benchmarks were sourced from the NCQA’s 2018 Medicaid Quality Compass and the 2018 Medicare Quality Compass.

Table 1 - MassHealth Slate of Public Reporting Measures

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Measure** | **Steward** | **NQF #** | **MCO** | **PCCP** | **SCO** | **One Care** | **BH PIHP** |
| **Care for Older Adults- Advance Care Plan** | NCQA | 0326 |  |  | X |  |  |
| **Annual Monitoring for Patients on Persistent Medication** | NCQA | 2371 |  |  |  | X |  |
| **Antidepressant Medication Management** | NCQA | 0105 |  |  | X | X | X |
| **Asthma Medication Ratio** | NCQA | 2371 | X | X |  |  |  |
| **Childhood Immunization Status** | NCQA | 0038 | X | X |  |  |  |
| **Colorectal Cancer Screening** | NCQA | 0034 |  |  | X | X |  |
| **Comprehensive Diabetes Care: Poor Control** | NCQA | 0059 | X | X |  | X |  |
| **Controlling High Blood Pressure** | NCQA | 0018 | X | X | X | X |  |
| **Diabetes Screening for People with Schizophrenia or Bipolar Disorder who are using Antipsychotic Medications** | NCQA | 1932 |  |  |  |  | X |
| **Follow- Up After Emergency Department Visit for Mental Illness or Alcohol and Other Drug Abuse or Dependence** | NCQA | 2605 | X | X |  | X | X |
| **Follow-Up After Hospitalization for Mental Illness (7 days)** | NCQA | 0576 | X | X | X | X | X |
| **Follow-up Care for Children Prescribed ADHD Medication** | NCQA | 0108 | X | X |  |  | X |
| **Immunization for Adolescents** | NCQA | 1407 | X | X |  |  |  |
| **Initiation and Engagement of Alcohol, Opioid, or Other Drug Abuse or Dependence Treatment** | NCQA | 0004 | X | X |  | X | X |
| **Medication Reconciliation Post Discharge** | NCQA | 0097 |  |  | X | X |  |
| **Metabolic Monitoring for Children and Adolescents on Antipsychotics** | NCQA | 2800 | X | X |  |  | X |
| **Osteoporosis Management in Women Who Had a Fracture** | NCQA | 0053 |  |  | X | X |  |
| **Persistence of Beta Blocker Treatment After Heart Attack** | NCQA | 0074 |  |  | X | X |  |
| **Pharmacotherapy Management of COPD Exacerbation** | NCQA | 0549 |  |  | X |  |  |
| **Potentially Harmful Drug Disease Interactions in the Elderly** | NCQA | 2993 |  |  | X |  |  |
| **Prenatal and Postpartum Care- Timeliness of Prenatal Care** | NCQA | 1517 | X | X |  | X |  |
| **Use of Appropriate Medications for Asthma** | NCQA | 0036 |  |  |  | X |  |
| **Use of High-Risk Medications in the Elderly** | NCQA | 0022 |  |  | X |  |  |
| **Use of Spirometry Testing in the Assessment and Diagnosis of COPD** | NCQA | 0577 |  |  | X | X |  |

Table 2 - MCO Performance Measures, 2018 (Measurement Period: Calendar Year 2017)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Measure Code** | **2018 Measures** | **BMCHP** | **FCHP** | **HNE** | **NHP** | **THP** | **PCCP** | **MH Weighted Mean** | **Nat'l Mcaid 75th Percentile** | **Nat'l Mcaid 90th Percentile** |
| **AMR** | **Asthma Medication Ratio** | 49.2% | 60.6% | 59.6% | 61.3% | 55.5% | 59.3% | 57.8% | ↓ | ↓ | |
| **CIS** | **Childhood Immunization Status** |  |  |  |  |  |  |  |  |  | |
|  | **Combination #2** | 78.1% | 82.7% | 75.7% | 77.9% | 84.9% | 75.7% | 78.1% | ↔ | ↓ | |
|  | **Combination #3** | 74.7% | 80.9% | 74.5% | 75.7% | 83.5% | 73.5% | 76% | ↑ | ↓ | |
|  | **Combination #10** | 48.4% | 53.8% | 50.9% | 49.1% | 57.0% | 53.5% | 52% | ↑ | ↑ | |
| **CDC** | **\*Comprehensive Diabetes Care: Poor HbA1c Control** | 36.3% | 30.7% | 50.8% | 37.7% | 26.5% | 35.5% | 35.0% | ↓ | ↓ | |
| **CBP** | **Controlling High Blood Pressure** | 67.8% | 67.5% | 45.8% | 65.7% | 72.2% | 64.2% | 66.3% | ↑ | ↓ | |
| **FUM** | **Follow-up After Emergency Department Visit for Mental Illness (7 days)** | 73.1% | 77.7% | 67.5% | 76.3% | 74.9% | 82.6% | 78.3% | ↑ | ↑ | |
| **FUH** | **Follow-up After Hospitalization for Mental Illness (7 days)** | 51.2% | 46.2% | 55.6% | 52.4% | 51% | 58.8% | 53.6% | ↑ | ↓ | |
| **IMA** | **Immunization for Adolescents** |  |  |  |  |  |  |  |  |  | |
|  | **Combination #1** | 82% | 87.3% | 84.4% | 88.1% | 82.5% | 81% | 83.3% | ↑ | ↓ | |
|  | **Combination #2** | 32.1% | 35.9% | 31.4% | 34.5% | 33.1% | 33.8% | 33.5% | ↓ | ↓ | |
| **IET** | **Initiation and Engagement of Alcohol, Opioid, or Other Drug Abuse or Dependence Treatment** |  |  |  |  |  |  |  |  |  | |
|  | **Initiation Total** | 48.8% | 36.5% | 40.9% | 38.8% | 48.8% | 44.1% | 44.3% | ↓ | ↓ | |
|  | **Engagement Total** | 23.4% | 16.4% | 15.6% | 17.3% | 23.4% | 16.5% | 19.5% | ↑ | ↓ | |
| **APM** | **Metabolic Monitoring for Children and Adolescents on Antipsychotics-Total** | 31.9% | 45.7% | 31.5% | 38.4% | 38.9% | 41.2% | 39.0% | ↓ | ↓ | |
| **PPC** | **Timeliness of Prenatal Care** | 84.8% | 93.3% | 71% | 85.6% | 93% | 86.3% | 86.5% | ↓ | ↓ | |
| \* A lower rate represents better performance. | | | | | | | | | | | |

MCO plans are compared to the Medicaid 90th and 75th percentile benchmarks in the table above.

* The MHWM rates for FUM and CIS (Combination 10) were above the Medicaid 90th percentile.
* The MHWM rates for CIS (Combination 3), CBP, FUH, IMA (Combination 1), and IET (Engagement) were above the Medicaid 75th percentile. For CIS (Combination 2), the MWHM was equal to the 75th percentile.
* The MHWM rates for AMR, CDC, IMA (Combination 2), IET (Initiation), and PPC (Timeliness of Prenatal Care) fell below the Medicaid 75th percentile.

Table 3 - SCO Performance Measures, 2018 (Measurement Period: Calendar Year 2017)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Measure Code** | **2018 Measures** | **BMCHP** | **CCA** | **FH** | **SWH** | **Tufts HP** | **UHC** | **MH Weighted Mean** | **Nat'l Medicare 75th Percentile** | **Nat'l Medicare 90th Percentile** | **Nat'l Medicaid75th Percentile** | **Nat'l Medicaid 90th Percentile** |
| **AMM** | **Antidepressant Medication Management** |  |  |  |  |  |  |  |  |  |  |  |
|  | **Effective Acute Phase** | N/A | 66.3% | 67.1% | 64% | 75.5% | 65.3% | 66.1% | ↓ | ↓ | ↑ | ↑ |
|  | **Effective Continuation Phase** | N/A | 59.6% | 56.6% | 52.8% | 67.9% | 50.5% | 54.7% | ↓ | ↓ | ↑ | ↑ |
| **COA** | **Care for Older Adults (Advance Care Plan Only)** | N/A | 95% | 68.1% | 96.8% | 100% | 57.4% | 76.7% | N/A | N/A | N/A | N/A |
| **COL** | **Colorectal Cancer Screening** | N/A | 80.5% | 69% | 84.2% | 73% | 84.9% | 81.5% | ↑ | ↓ | N/A | N/A |
| **CBP** | **Controlling High Blood Pressure** | 73.4% | 79.6% | 75.4% | 74.2% | 84.3% | 59.1% | 69.7% | ↓ | ↓ | ↑ | ↓ |
| **FUH** | **Follow-up After Hospitalization for Mental Illness (7 days)** | N/A | 80.0% | 45.8% | N/A | 47.1% | 44.6% | 60.0% | ↑ | ↑ | ↑ | ↑ |
| **MRP** | **Medication Reconciliation Post-Discharge** | 74.2% | 73.5% | 95% | 65.7% | 76.8% | 37.7% | 64.2% | ↓ | ↓ | N/A | N/A |
| **OMW** | **Osteoporosis Management in Women Who Had a Fracture** | N/A | 25.0% | 62.5% | 21.1% | 52.6% | 31.6% | 34.9% | ↓ | ↓ | N/A | N/A |
| **PBH** | **Persistence of Beta-Blocker Treatment After Heart Attack** | N/A | 95.9% | 96.8% | 88. 9% | 100% | 94.6% | 95.3% | ↑ | ↓ | ↑ | ↑ |
| **PCE** | **Pharmacotherapy Management of COPD Exacerbation** |  |  |  |  |  |  |  |  |  |  |  |
|  | **Systemic Corticosteroid** | 76.9% | 70.3% | 77% | 78.5% | 61.5% | 80.1% | 75.3% | ↑ | ↓ | ↓ | ↓ |
|  | **Bronchodilator** | 96.2% | 89.4% | 87.9% | 94.9% | 85.3% | 91.5% | 90.1% | ↑ | ↑ | ↑ | ↑ |
| **DDE** | **\*Potentially Harmful Drug Disease Interactions in the Elderly (Total)** | N/A | 45.5% | 52.6% | 41.7% | 47.1% | 45.5% | 46.2% | ↓ | ↓ | N/A | N/A |
| **DAE** | **\*Use of High-Risk Medications in the Elderly** |  |  |  |  |  |  |  |  |  |  |  |
|  | **One Perscription** | 21.1% | 20.6% | 26.7% | 19% | 21.6% | 22.3% | 21.8% | ↓ | ↓ | N/A | N/A |
|  | **At Least Two Perscriptions** | 15.5% | 15.5% | 22.4% | 13.3% | 14.9% | 15.4% | 15.9% | ↓ | ↓ | N/A | N/A |
| **SPR** | **Use of Spirometry Testing in the Assessment and Diagnosis of COPD** | N/A | 32.5% | 27.5% | 25.4% | 33.3% | 26.6% | 28.3% | ↓ | ↓ | ↓ | ↓ |
| \* A lower rate represents better performance. | | | | | | | | | | | | |

SCO plans are compared to the Medicaid and Medicare 90th and 75th percentiles benchmarks in the table above (Medicare benchmarks are not available for all measures). Note: Medicare national benchmark rates are generally higher than comparable Medicaid benchmarks.

* The MHWM rates for FUH and the PCE Bronchodilator submeasure are above the 90th percentiles for both the Medicaid and the Medicare benchmarks.
* Several measures had MHWM rates above the Medicare 75th percentile: COL (Medicare-only measure), PBH (also higher than Medicaid 90th percentile), and PCE Systematic Corticosteroid submeasure.
* The MHWM rates for both AMM submeasures were above the the Medicaid 90th percentile benchmark, but below the Medicare 75th percentile.
* The MHWH rate for CBP is above the 75th Medicaid percentile but below the 75th Medicare percentile.
* MHWM rates for MRP, OMW, DDE, DAE (both submeasures), and SPR were below all available 75th percentile benchmarks.
* The COA (Advance Care Plan) measure has no available benchmark data.

Table 4 - One Care Performance Measures, 2018 (Measurement Period: Calendar Year 2017)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Measure Code** | **2018 Measures** | **CCA** | **Tufts HP** | **MH Weighted Mean** | **Nat'l Mcaid 75th Percentile** | **Nat'l Mcaid 90th Percentile** |
| **AMM** | **Antidepressant Medication Management** |  |  |  |  |  |
|  | **Effective Acute Phase** | 60.9% | 79.3% | 63.9% | ↑ | ↓ |
|  | **Effective Continuation Phase** | 46.1% | 75% | 50.9% | ↑ | ↑ |
| **BCS** | **Breast Cancer Screening** | 75.9% | 66.9% | 74.7% | ↑ | ↑ |
| **COL** | **Colorectal Cancer Screening** | 70.3% | 55.3% | 67.9% | N/A | N/A |
| **CDC** | **\*Comprehensive Diabetes Care: Poor Control** | 45.5% | 27% | 42.5% | ↓ | ↓ |
| **CBP** | **Controlling High Blood Pressure** | 69.7% | 68.3% | 69.5% | ↑ | ↓ |
| **FUM** | **Follow-up After Emergency Department Visit for Mental Illness (7 days)** | 80.6% | 77.7% | 80.2% | ↑ | ↑ |
| **FUA** | **Follow-up After Emergency Department Visit for Alcohol and Other Drug Abuse or Dependence (7 days)** | 26.5% | 22.2% | 25.5% | ↑ | ↑ |
| **FUH** | **Follow-up After Hospitalization for Mental Illness (7 days)** | 58.7% | 54.9% | 58% | ↑ | ↑ |
| **IET** | **Initiation and Engagement of Alcohol, Opioid, or Other Drug Abuse or Dependence Treatment** |  |  |  |  |  |
|  | **Initiation Total** | 45.8% | 45.4% | 45.7% | ↓ | ↓ |
|  | **Engagement Total** | 15.4% | 17% | 15.7% | ↓ | ↓ |
| **MRP** | **Medication Reconciliation Post-Discharge** | 49.4% | 33.8% | 46.7% | N/A | N/A |
| **PBH** | **Persistence of Beta-Blocker Treatment After Heart Attack** | 89.7% | N/A | 89.7% | ↑ | ↑ |
| **SPR** | **Use of Spirometry Testing in the Assessment and Diagnosis of COPD** | 34.1% | 33.3% | 34.1% | ↓ | ↓ |
| \* A lower rate represents better performance. | | | | | | |

One Care plans are compared to the Medicaid 90th and 75th percentile benchmarks in the table above.

* The MHWM rates for AMM (Effective Continuation Phase), BCS, FUM, FUA, FUH, and PBH are above the Medicaid 90th percentile.
* The MHWM rates for AMM (Effective Acute Phase) and CBP are above the Medicaid 75th percentile.
* The AMM Effective Acute Phase and Effective Continuation Phase measures both had rates above the Medicaid 75th percentile with the Continuation Phase also having rates above the 90th percentile.
* The MHWM rate for the CBP measure was above the 75th Medicaid percentile.
* MHWM rates for CDC, IET (Engagement), and SPR fell below the Medicaid 75th percentile.
* Measures COL and MRP do not have Medicaid benchmark data available.