

Ohio Department of Medicaid

Quality Indices and Scoring Methodology

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Quality Indices

The Ohio Department of Medicaid (ODM) will use Quality Indices to evaluate managed care plan performance, for specific populations, based on clinical performance and outcome measures results. The quality indices, and the measures included in each index, are listed in Table 1 below, by state fiscal year (SFY). The measurement year is the year prior to the applicable state fiscal year and HEDIS year (e.g. CY 2018 is the applicable measurement year for SFY 2019 and HEDIS 2019).

| Table 1: Quality Indices | State Fiscal Year | SFY 2019 | SFY 2020 | SFY 2021 | Measure Set | |
|---|--------------------------|-----------------|-----------------|-----------------|--------------------|--|
| | Measurement Year | CY 2018 | CY 2019 | CY 2020 | | |
| Index 1: Behavioral Health | | | | | | |
| Initiation and Engagement of Alcohol and Other Drug Dependence Treatment: Initiation | | Y | Y | Y | HEDIS | |
| Follow-up After Hospitalization for Mental Illness, 7-Day Visit | | Y | Y | Y | | |
| Use of First-Line Psychosocial Care for Children and Adolescents on Antipsychotics | | | | Y | | |
| Use of Multiple Concurrent Antipsychotics in Children and Adolescents | | Y | Y | Y | | |
| Index 2: Chronic Condition: Cardiovascular Disease | | | | | | |
| Controlling High Blood Pressure | | Y | Y | Y | | |
| Statin Therapy for Patients with Cardiovascular Disease – Received Statin Therapy | | Y | Y | Y | | |
| Adult BMI | | | Y | Y | | |
| Index 3: Chronic Condition: Diabetes | | | | | | |
| Hemoglobin A1c (HbA1c) testing | | Y | Y | Y | | |
| HbA1c poor control (>9.0%) | | Y | Y | Y | | |
| Eye exam (retinal) performed | | Y | Y | Y | | |
| BP control (<140/90 mm Hg) | | Y | Y | Y | | |
| Index 4: Chronic Condition: Respiratory | | | | | | |
| Appropriate Testing for Children With Pharyngitis | | Y | Y | Y | | |
| Pharmacotherapy Management of COPD Exacerbation , dispensed a systemic corticosteroid within 14 days of event | | Y | Y | Y | | |
| Medication Management for People With Asthma, Medication compliance >= 75% | | Y | Y | Y | | |
| Index 5: Healthy Children | | | | | | |
| Well-Child Visits in the First 15 Months of Life | | Y | Y | Y | | |
| Well-Child Visits in the 3 rd , 4 th , 5 th , 6 th Years of Life | | Y | Y | Y | | |
| Adolescent Well-Care Visits | | Y | Y | Y | | |
| Weight Assessment and Counseling for Nutrition and Physical Activity for Children/Adolescents: BMI percentile documentation | | | Y | Y | | |

Overall index scores will be determined using weighted scores in accordance with the index scoring methodology specified below. Index measure weights are listed in Table 2 below, for the applicable fiscal year.

| Table 2: Index Measure Weights | State Fiscal Year | Weights | | |
|---|-------------------|----------|----------|----------|
| | | SFY 2019 | SFY 2020 | SFY 2021 |
| | Measurement Year | CY 2018 | CY 2019 | CY 2020 |
| Index 1: Behavioral Health | | | | |
| Initiation and Engagement of Alcohol and Other Drug Dependence Treatment: Initiation | | 35% | 35% | 25% |
| Follow-up After Hospitalization for Mental Illness, 7-Day Visit | | 45% | 45% | 35% |
| Use of First-Line Psychosocial Care for Children and Adolescents on Antipsychotics | | N/A | N/A | 20% |
| Use of Multiple Concurrent Antipsychotics in Children and Adolescents | | 20% | 20% | 20% |
| Index 2: Chronic Condition: Cardiovascular Disease | | | | |
| Controlling High Blood Pressure | | 40% | 40% | 40% |
| Statin Therapy for Patients with Cardiovascular Disease – Received Statin Therapy | | 60% | 50% | 50% |
| Adult BMI | | N/A | 10% | 10% |
| Index 3: Chronic Condition: Diabetes | | | | |
| Hemoglobin A1c (HbA1c) testing | | 20% | 20% | 20% |
| HbA1c poor control (>9.0%) | | 25% | 25% | 25% |
| Eye exam (retinal) performed | | 20% | 20% | 20% |
| BP control (<140/90 mm Hg) | | 35% | 35% | 35% |
| Index 4: Chronic Condition: Respiratory | | | | |
| Appropriate Testing for Children With Pharyngitis | | 30% | 30% | 30% |
| Pharmacotherapy Management of COPD Exacerbation , dispensed a systemic corticosteroid within 14 days of event | | 35% | 35% | 35% |
| Medication Management for People With Asthma, Medication compliance >= 75% | | 35% | 35% | 35% |
| Index 5: Healthy Children | | | | |
| Well-Child Visits in the First 15 Months of Life | | 22.5% | 20% | 20% |
| Well-Child Visits in the 3 rd , 4 th , 5 th , 6 th Years of Life | | 22.5% | 20% | 20% |
| Adolescent Well-Care Visits | | 55% | 50% | 50% |
| Weight Assessment and Counseling for Nutrition and Physical Activity for Children/Adolescents: BMI percentile documentation | | N/A | 10% | 10% |

Index Scoring

Where applicable, ODM will apply Index Scoring in the evaluation of MCP performance in accordance with the methodology specified below. A separate Index Score will be calculated for each Index. Index Scores will be calculated using a two-step process: 1) Comprehensive Care Test; and 2) Point Value Assignment & Weighting. Index scores will be based on the MCP’s measure result for the measurement year and the corresponding benchmark percentile ranges. HEDIS Quality Compass (QC) national Medicaid benchmarks for the year prior to the applicable measurement year will be used to determine index scores (e.g. HEDIS QC 2017 will be used for SFY 2019/measurement year CY 2018 scoring) – see Table 3 below. The national Medicaid benchmarks for SFY 2019 scoring are listed in Appendix A of this document.

Table 3

| State Fiscal Year/Measurement Year | Benchmarks | Minimum Percentile Benchmark |
|------------------------------------|---------------|------------------------------|
| SFY 2019 / CY 2018 | HEDIS QC 2017 | >= 5 th %ile |
| SFY 2020 / CY 2019 | HEDIS QC 2018 | >= 10 th %ile |
| SFY 2021 / CY 2020 | HEDIS QC 2019 | >= 25 th %ile |

Step 1: Comprehensive Care Test – If all measure results in an Index do not meet or exceed the minimum percentile benchmark (see Table 3 above), the Index Score = 0.

- a. If all measure results meet or exceed the minimum percentile benchmark, proceed to Step 2 below to determine the Index Score.
- b. If one or more measure results in the Index are less than the minimum percentile benchmark: final Index Score = 0.

Step 2: Point Value Assignment & Weighting

- a. Point Value Assignment - If all Index measures pass the Comprehensive Care Test, assign a point value to each measure in the Index. Point values are based on a comparison of each measure’s rate to a benchmark range, as specified in Table 4 below.

Table 4

| Benchmark Range | Point Value |
|------------------------------|-------------|
| <10 th %ile | 0.0 |
| 10 – 24 th %ile | 25.0 |
| 25 - 33.2 th %ile | 35.0 |
| 33.3 – 49 th %ile | 50.0 |
| 50 - 66.6 th %ile | 75.0 |
| 66.7 – 74 th %ile | 90.0 |
| >=75 th %ile | 100.0 |

- b. Weighted Point Value - Multiply the Point Value for each measure in the Index by the measure Weight, as specified in Table 2.

$$\text{Point Value} \times \text{Weight} = \text{Weighted Point Value}$$

- c. Index Score – The final Index Score equals the sum of the Weighted Point Values.

$$\text{Sum of Weighted Point Values [for each measure]} = \text{Index Score}$$

Final Index Scoring example – Chronic Condition: Diabetes Index

| Measure | HEDIS Result | Comprehensive Care Test Result | Point Value ¹ | | Weight ² | | Weighted Point Value |
|--------------------------------|--------------|--------------------------------|---|----------|---------------------|----------|----------------------|
| Hemoglobin A1c (HbA1c) testing | 88.0% | Y | 75.0 | X | 20% | = | 15.0 |
| HbA1c poor control (>9.0%) | 36.9% | Y | 90.0 | | 25% | | 22.5 |
| Eye exam (retinal) performed | 67.5% | Y | 100.0 | | 20% | | 20.0 |
| BP control (<140/90 mm Hg) | 54.3% | Y | 35.0 | | 35% | | 12.3 |
| | | Pass | Index Score (Sum of Weighted Point Values) | | | | 69.8 |

¹ Point value assignment: in this example, the Hemoglobin A1c (HbA1c) result for the measurement year was 88.0%, which falls within the 50 -66.6 percentile benchmark range for the measure (50th percentile = 87.1% and 66.6 percentile = 88.86%). A Point Value of 75.0 is assigned in accordance with Table 5.a. above.

The Point Value is multiplied by the measure Weight to determine the Weighted Point Value for the measure.

The sum of the Weighted Point Values = the final Index Score.

²See Table 2. for measure Weight.

| SFY 2019 (CY 2018 measurement year) | | | | | | | | | |
|--|--------------------|------------------|------------------|---------------------|------------------|---------------------|------------------|------------------|------------------|
| Index / Measure | Benchmarks (%iles) | | | | | | | | |
| | 5 th | 10 th | 25 th | 33.33 rd | 50 th | 66.67 th | 75 th | 90 th | 95 th |
| Behavioral Health | | | | | | | | | |
| Initiation and Engagement of Alcohol and Other Drug Dependence Treatment: Initiation | 29.70% | 31.96% | 35.77% | 37.16% | 40.41% | 43.32% | 45.04% | 49.74% | 54.44% |
| Follow-Up After Hospitalization for Mental Illness, 7-Day | 15.43% | 19.01% | 29.61% | 31.34% | 36.46% | 41.67% | 45.79% | 54.13% | 59.72% |
| Use of First-Line Psychosocial Care for Children and Adolescents on Antipsychotics | n/a | | | | | | | | |
| Use of Multiple Concurrent Antipsychotics in Children and Adolescents (Lower is Better) | 5.57% | 4.64% | 3.30% | 2.98% | 2.13% | 1.64% | 1.17% | 0.45% | 0.00% |
| Chronic Condition: Cardiovascular Disease | | | | | | | | | |
| Controlling High Blood Pressure | 35.88% | 39.90% | 47.69% | 51.33% | 56.93% | 63.11% | 64.79% | 71.69% | 74.21% |
| Statin Therapy for Patients with Cardiovascular Disease – Received Statin Therapy | 58.88% | 66.25% | 71.20% | 72.66% | 75.85% | 78.46% | 79.94% | 84.21% | 85.77% |
| Adult BMI | n/a | | | | | | | | |
| Chronic Condition: Diabetes | | | | | | | | | |
| Hemoglobin A1c (HbA1c) Testing | 77.13% | 80.92% | 84.25% | 85.40% | 87.10% | 88.86% | 90.06% | 92.82% | 94.71% |
| HbA1c Poor Control (>9.0%) (Lower is Better) | 63.31% | 58.97% | 48.57% | 45.74% | 41.12% | 37.58% | 35.52% | 29.07% | 26.27% |
| Eye Exam (retinal) Performed | 34.98% | 39.66% | 47.57% | 51.64% | 55.11% | 59.83% | 63.33% | 68.33% | 70.57% |
| BP Control (<140/90 mmHg) | 39.39% | 45.86% | 52.70% | 55.47% | 60.60% | 65.65% | 68.57% | 75.91% | 79.82% |
| Chronic Condition: Respiratory | | | | | | | | | |
| Appropriate Testing for Children With Pharyngitis | 50.28% | 59.70% | 67.15% | 70.98% | 75.21% | 80.76% | 82.90% | 88.00% | 90.48% |
| Pharmacotherapy Management of COPD Exacerbation , dispensed a systemic corticosteroid within 14 days of event | 39.71% | 49.66% | 61.82% | 62.42% | 67.87% | 71.63% | 73.11% | 77.72% | 81.13% |
| Medication Management for People With Asthma, Medication compliance >= 75% | 19.97% | 22.58% | 27.58% | 29.42% | 33.33% | 37.01% | 40.09% | 50.00 | 53.95% |
| Healthy Children | | | | | | | | | |
| Well-Child Visits 0 -15 months, 6 or more Visits | 44.04% | 50.00% | 56.11% | 58.40% | 62.06% | 66.41% | 68.66% | 72.46% | 77.55% |
| Well-Child Visits in the 3rd/4th/5th/6th Years of Life | 56.13% | 60.71% | 66.18% | 69.21% | 72.45% | 76.16% | 78.51% | 82.77% | 86.22% |
| Adolescent Well-Care Visits | 27.64% | 33.82% | 43.06% | 44.77% | 50.12% | 55.96% | 59.72% | 68.06% | 70.56% |
| Weight Assessment and Counseling for Nutrition and Physical Activity for Children/Adolescents - BMI percentile (Total) | n/a | | | | | | | | |

n/a – measure is not applicable for SFY 2019 Index score

| SFY 2020 (CY 2019 measurement year) | | | | | | | | | |
|--|--------------------|------------------|------------------|---------------------|------------------|---------------------|------------------|------------------|------------------|
| Index / Measure | Benchmarks (%iles) | | | | | | | | |
| | 5 th | 10 th | 25 th | 33.33 rd | 50 th | 66.67 th | 75 th | 90 th | 95 th |
| Behavioral Health | | | | | | | | | |
| Initiation and Engagement of Alcohol and Other Drug Dependence Treatment: Initiation | 30.87% | 33.72% | 38.63% | 39.63% | 42.22% | 45.30% | 46.51% | 50.20% | 53.29% |
| Follow-Up After Hospitalization for Mental Illness, 7-Day | 15.43% | 19.01% | 29.61% | 31.34% | 36.46% | 41.67% | 45.79% | 54.13% | 59.72% |
| Use of First-Line Psychosocial Care for Children and Adolescents on Antipsychotics | n/a | | | | | | | | |
| Use of Multiple Concurrent Antipsychotics in Children and Adolescents (Lower is Better) | 5.02% | 4.64% | 3.36% | 2.83% | 2.09% | 1.44% | 1.19% | 0.53% | 0% |
| Chronic Condition: Cardiovascular Disease | | | | | | | | | |
| Controlling High Blood Pressure | 36.11% | 41.61% | 49.15% | 52.38% | 58.64% | 63.50% | 65.78% | 71.04% | 73.43% |
| Statin Therapy for Patients with Cardiovascular Disease – Received Statin Therapy | 64.09% | 68.69% | 73.13% | 74.54% | 76.51% | 79.61% | 80.54% | 83.75% | 86.09% |
| Adult BMI | 44.98% | 72.26% | 83.09% | 85.84% | 88.56% | 91.70% | 92.46% | 95.00% | 96.35% |
| Chronic Condition: Diabetes | | | | | | | | | |
| Hemoglobin A1c (HbA1c) Testing | 80.54% | 82.48% | 84.93% | 86.13% | 87.83% | 89.29% | 90.45% | 92.70% | 94.34% |
| HbA1c Poor Control (>9.0%) (Lower is Better) | 60.78% | 53.53% | 47.20% | 43.55% | 38.20% | 34.79% | 33.09% | 29.68% | 26.28% |
| Eye Exam (retinal) Performed | 38.74% | 42.16% | 50.85% | 53.77% | 57.88% | 62.29% | 64.23% | 68.61% | 72.41% |
| BP Control (<140/90 mmHg) | 45.01% | 49.79% | 56.20% | 58.24% | 63.02% | 68.37% | 70.76% | 77.50% | 79.38% |
| Chronic Condition: Respiratory | | | | | | | | | |
| Appropriate Testing for Children With Pharyngitis | 59.79% | 64.96% | 72.52% | 76.52% | 80.13% | 84.09% | 85.99% | 90.53% | 92.88% |
| Pharmacotherapy Management of COPD Exacerbation , dispensed a systemic corticosteroid within 14 days of event | 42.53% | 53.58% | 62.83% | 66.56% | 70.05% | 73.66% | 76.27% | 80.61% | 82.44% |
| Medication Management for People With Asthma, Medication compliance >= 75% | 21.52% | 24.47% | 29.41% | 31.64% | 35.60% | 39.53% | 43.06% | 51.22% | 55.95% |
| Healthy Children | | | | | | | | | |
| Well-Child Visits 0 -15 months, 6 or more Visits | 46.02% | 51.58% | 58.54% | 61.31% | 66.23% | 69.59% | 71.29% | 75.43% | 78.97% |
| Well-Child Visits in the 3rd/4th/5th/6th Years of Life | 57.86% | 61.12% | 67.15% | 68.86% | 73.89% | 77.06% | 79.33% | 83.70% | 86.24% |
| Adolescent Well-Care Visits | 30.41% | 36.74% | 45.74% | 48.42% | 54.57% | 59.49% | 61.99% | 66.80% | 71.11% |
| Weight Assessment and Counseling for Nutrition and Physical Activity for Children/Adolescents - BMI percentile (Total) | 46.96% | 55.96% | 66.06% | 69.72% | 75.55% | 80% | 82.63% | 87.98% | 90.28% |

n/a – measure is not applicable for SFY 2020 Index score