

# 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).

<b>Table 1: Quality Indices</b>	<b>State Fiscal Year</b>	<b>SFY 2019</b>	<b>SFY 2020</b>	<b>SFY 2021</b>	<b>Measure Set</b>	
	<b>Measurement Year</b>	<b>CY 2018</b>	<b>CY 2019</b>	<b>CY 2020</b>		
<b>Index 1: Behavioral Health</b>						
Initiation and Engagement of Alcohol and Other Drug Dependence Treatment: Initiation		Y	Y	Y	<b>HEDIS</b>	
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		
<b>Index 2: Chronic Condition: Cardiovascular Disease</b>						
Controlling High Blood Pressure		Y	Y	Y		
Statin Therapy for Patients with Cardiovascular Disease – Received Statin Therapy		Y	Y	Y		
Adult BMI			Y	Y		
<b>Index 3: Chronic Condition: Diabetes</b>						
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		
<b>Index 4: Chronic Condition: Respiratory</b>						
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		
<b>Index 5: Healthy Children</b>						
Well-Child Visits in the First 15 Months of Life		Y	Y	Y		
Well-Child Visits in the 3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup> , 6 <sup>th</sup> 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
<b>Index 1: Behavioral Health</b>				
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%
<b>Index 2: Chronic Condition: Cardiovascular Disease</b>				
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%
<b>Index 3: Chronic Condition: Diabetes</b>				
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%
<b>Index 4: Chronic Condition: Respiratory</b>				
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%
<b>Index 5: Healthy Children</b>				
Well-Child Visits in the First 15 Months of Life		22.5%	20%	20%
Well-Child Visits in the 3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup> , 6 <sup>th</sup> 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 <sup>th</sup> %ile
SFY 2020 / CY 2019	HEDIS QC 2018	>= 10 <sup>th</sup> %ile
SFY 2021 / CY 2020	HEDIS QC 2019	>= 25 <sup>th</sup> %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 <sup>th</sup> %ile	0.0
10 – 24 <sup>th</sup> %ile	25.0
25 - 33.2 <sup>th</sup> %ile	35.0
33.3 – 49 <sup>th</sup> %ile	50.0
50 - 66.6 <sup>th</sup> %ile	75.0
66.7 – 74 <sup>th</sup> %ile	90.0
>=75 <sup>th</sup> %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 <sup>1</sup>		Weight <sup>2</sup>		Weighted Point Value
Hemoglobin A1c (HbA1c) testing	88.0%	Y	75.0	<b>X</b>	20%	<b>=</b>	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
		<b>Pass</b>	<b>Index Score (Sum of Weighted Point Values)</b>				<b>69.8</b>

<sup>1</sup> 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 (50<sup>th</sup> 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.

<sup>2</sup>See Table 2. for measure Weight.

Appendix A – National Medicaid Benchmarks Index / Measure	SFY 2019 (CY 2018 measurement year)								
	Benchmarks (%iles)								
	5 <sup>th</sup>	10 <sup>th</sup>	25 <sup>th</sup>	33.33 <sup>rd</sup>	50 <sup>th</sup>	66.67 <sup>th</sup>	75 <sup>th</sup>	90 <sup>th</sup>	95 <sup>th</sup>
<b>Behavioral Health</b>									
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	21.10%	26.47%	34.00%	37.69%	46.46%	53.66%	56.22%	65.01%	69.26%
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%
<b>Chronic Condition: Cardiovascular Disease</b>									
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								
<b>Chronic Condition: Diabetes</b>									
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%
<b>Chronic Condition: Respiratory</b>									
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%
<b>Healthy Children</b>									
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