Core Set of Children’s Health Care Quality Measures for Medicaid and CHIP ("Core Set")

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What is the Child Core Set?

- A set of standardized, evidence-based measures to assess the quality of care children receive in Medicaid and CHIP
- Allows comparability across states, programs, and plans
Mandatory Quality Reporting

- Reporting on quality measures in the Child Core Set is currently voluntary for states.
- The ACCESS Act requires states to report all measures of the Child Core Set for Medicaid and CHIP beginning in FFY 2024.

See § 1139A(i) as amended by HEALTHY KIDS Act § 3003(b) and ACCESS Act § 50102.
History of the Child Core Set

• Launched as part of broader quality improvement initiatives in 2009 CHIP Reauthorization Act
• Quality efforts boosted by ARRA (electronic health records) and ACA (national quality strategy)
• CMS partnered with AHRQ to create a subcommittee
• Subject to state review and public comment
• Initial set of 24 measures released in 2010 and used for 3 years;
• Updated annually starting in 2013 with opportunity for public input, up to 26 measures in 2018
The Role of CMS

- Collaborate with key stakeholders on evolution of the core set
- Improve mechanisms for states to report quality measures
- Provide technical assistance to the states
- Publish child health care quality data annually
Evolution of the Core Set

- Core Set measures has varied from
- 24 in 2010
- 26 in 2018

<table>
<thead>
<tr>
<th>Domains</th>
<th>Initial</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Care Access and Preventive Care</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Maternal and Perinatal Health</td>
<td>5</td>
<td>7</td>
</tr>
<tr>
<td>Behavioral Health</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Care of Acute and Chronic Conditions</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Oral Health</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Experience of Care</td>
<td>1</td>
<td>1</td>
</tr>
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</table>
Why Do Measures Change?

- Measurement shows consistently high results
- New measures are developed
- Changes in clinical guidelines and experiences
- Quality priorities change
- States, plans or providers have difficulty collecting the data
- The measure is retired by the measure steward

CMS plans to move toward outcome-based measures

CMS Public Reporting on the Core Set

- CMS reports performance data publicly if at least 25 states report the measure
- Annual report or chart pack groups state performance in quartiles
- 2016 chart pack provides state-level details by measure

2016 Reporting
- Median # of measures reported = 18 (up from 16)
- 45 states reported at least half (13)
- 36 states reported more measures than prior year
Quality Primer for Child Health Stakeholders

A Primer on Health Care Quality Measurement and Improvement for Children in Medicaid and CHIP
Downloadable DataSets Available


Chart Packs Available

2017 Chart Pack (2016 data):

SELECT HIGHLIGHTS OF 2016 DATA
Who Reported Measures?

Geographic Variation in the Number of Child Core Set Measures Reported by States, FFY 2016

States reported at least 21 Child Core Set measures for FFY 2016

Sources: Mathematica analysis of MACPro reports and Form CMS-416 reports for the FFY 2016 reporting cycle. The term “states” includes the 50 states and the District of Columbia. The 2016 Child Core Set includes 26 measures. This chart excludes the CLABSI measure, which is obtained from CDC’s National Healthcare Safety Network.

CMS Chart Pack Reports States in Quartiles (Example from 2016 Data)

Children and Adolescents’ Access to Primary Care Practitioners: 7 to 11 Years

Geographic Variation in the Percentage of Children and Adolescents with a PCP Visit in the Past Two Years (7 to 11 Years), FFY 2016 (n = 46 states)

Source: Mathematica analysis of MACPro reports for the FFY 2016 reporting cycle.
Note: When a state reported separate rates for its Medicaid and CHIP populations, the rate for the larger measure-eligible population was used.

High Performing States

States with the largest number of top 3 rates in 2016

• Preliminary Analysis of 2016 Data
  – MA (9)
  – CT (7)
  – RI (7)
  – NY (5)

Prior CMS Report on Top Performing States 2013

*The State of Children’s Health Care Quality in Medicaid and CHIP: Who Are the Higher-Performing States?*
Percentage of Children with Asthma Dispensed Appropriate Medication and Remained on Medication for at Least 75 Percent of Treatment Period (Ages 5-11)
Adolescent Immunizations:
Percentage of Adolescents  Up-to-Date

<table>
<thead>
<tr>
<th></th>
<th>Lowest Rate</th>
<th>25th Percentile</th>
<th>Median</th>
<th>75th Percentile</th>
<th>Highest Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>19.8</td>
<td>52.6</td>
<td>67.1</td>
<td>79.7</td>
<td>88.4</td>
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<tr>
<td>2015</td>
<td>18.2</td>
<td>56.8</td>
<td>67.4</td>
<td>78.7</td>
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<tr>
<td>2016</td>
<td>19.6</td>
<td>56.5</td>
<td>70.3</td>
<td>79.4</td>
<td>88.0</td>
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</tbody>
</table>
Follow-Up Care for Children Prescribed ADHD Medication: Percentage with one Follow-Up Visit During the Initiation Phase (30 Days)
HPV Vaccine for Female Adolescents: Percentage Receiving Three Vaccine Doses Before Age 13

- **Lowest Rate**
  - 2014: 2.9%
  - 2015: 0.6%
  - 2016: 1.0%

- **25th Percentile**
  - 2014: 12.9%
  - 2015: 14.5%
  - 2016: 16.2%

- **Median**
  - 2014: 17.6%
  - 2015: 20.8%
  - 2016: 20.8%

- **75th Percentile**
  - 2014: 22.9%
  - 2015: 23.9%
  - 2016: 23.6%

- **Highest Rate**
  - 2014: 35.9%
  - 2015: 36.0%
  - 2016: 42.8%
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  – @ewburak

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• State Health Care Coverage Facts