### Summary of Changes
- Clarification for exclusion timeframe prior to the end of the measurement period
- Value set addition for hospice and palliative care

### Description
The percentage of pediatric (5-17 years of age) and adult (18-50 years of age) patients who had a diagnosis of asthma and whose asthma was optimally controlled during the measurement period as defined by achieving BOTH of the following:
- Asthma well-controlled as defined by the most recent asthma control tool result available during the measurement period
- Patient not at elevated risk of exacerbation as defined by less than two emergency department visits and/or hospitalizations due to asthma in the last 12 months

Separate rates are reported for each age group.

### Measurement Period
January 1, 2019 through December 31, 2019

<table>
<thead>
<tr>
<th>Eligible Population</th>
<th>Eligible Specialties</th>
<th>Eligible Providers</th>
<th>Ages</th>
<th>Diagnosis</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Family Medicine, Internal Medicine, Pediatrics, Allergy/Immunology, Pulmonology</td>
<td>Medical Doctor (MD), Doctor of Osteopathy (DO), Physician Assistant (PA), Advanced Practice Registered Nurses (APRN)</td>
<td>5 years or older at the start of the measurement period AND less than 51 years at the end of the measurement period</td>
<td>Patient had a diagnosis of asthma (Asthma Value Set) with any contact during the current or prior measurement period OR had asthma (Asthma Value Set) present on an active problem list at any time during the measurement period.</td>
<td>At least one established patient office visit (Established Pt Asthma Value Set) performed or supervised by an eligible provider in an eligible specialty for any reason during the measurement period</td>
</tr>
</tbody>
</table>

Both contacts AND the active problem list must be queried for diagnosis (Asthma Value Set).

### Denominator
The eligible population
**Optimal Asthma Control Specifications**  
**2020 Report Year**  
**01/01/2019 to 12/31/2019 Dates of Service**

| Numerator | The number of patients in the denominator whose asthma was optimally controlled during the measurement period as defined by achieving BOTH of the following:  
• Asthma well-controlled as defined by the most recent asthma control tool result during the measurement period:  
  • Asthma Control Test™ (ACT) result greater than or equal to 20 (patients 12 years of age and older)  
  • Childhood Asthma Control Test © (C-ACT) result greater than or equal to 20 (patients 11 years of age and younger)  
  • Asthma Control Questionnaire (ACQ) © result less than or equal to 0.75 (patients 17 years of age and older)  
  • Asthma Therapy Assessment Questionnaire (ATAQ) © result equal to 0 – Pediatric (5 to 17 years of age) or Adult (18 years of age and older).  
• Patient not at elevated risk of exacerbation as defined by less than two patient reported emergency department visits and/or hospitalizations due to asthma in the last 12 months |
| Required Exclusions | The following exclusions must be applied to the eligible population:  
• Patient had a diagnosis of cystic fibrosis, COPD, emphysema or acute respiratory failure (Obstructive Lung and Respiratory Failure Value Set) |
| Allowable Exclusions *(Optional)* | The following exclusions are optional and may to be applied to the eligible population:  
• Patient was a permanent nursing home resident at any time prior to the end of the measurement period  
• Patient was in hospice or receiving palliative care (Palliative Care value Set) at any time prior to the end of the measurement period  
• Patient died prior to the end of the measurement period  
• Patient had only urgent care visits during the measurement period |
| Measure Scoring | Rate/Proportion  
Results are always stratified by age:  
• Optimal Asthma Control, Children (5-17 years of age)  
• Optimal Asthma Control, Adults (18-50 years of age) |
| Interpretation of Score | Higher score indicates better quality |
| Measure Type | Outcome, All-or-none Patient Level Composite |