## Summary of Changes

- Eliminated exclusion of documentation that the diagnosis was coded in error.

## 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, 2018 through December 31, 2018

## Eligible Population

**Eligible Specialties**  
Family Medicine, Internal Medicine, Pediatrics, Allergy/Immunology, Pulmonology

**Eligible Providers**  
Medical Doctor (MD), Doctor of Osteopathy (DO), Physician Assistant (PA), Advanced Practice Registered Nurses (APRN)

**Ages**  
5 years or older at the start of the measurement period AND less than 51 years at the end of the measurement period

**Diagnosis**  
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.

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

## Event

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

## Denominator

The eligible population
## 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

The following exclusions are allowed to be applied to the eligible population:

- Patient was a permanent nursing home resident at any time during the measurement period
- Patient was in hospice or receiving palliative care at any time during 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