

## Asthma Assessment (NQF 0001)

<b>EMeasure Name</b>	Asthma Assessment	<b>EMeasure Id</b>	Pending
<b>Version Number</b>	1	<b>Set Id</b>	Pending
<b>Available Date</b>	No information	<b>Measurement Period</b>	January 1, 20xx through December 31, 20xx
<b>Measure Steward</b>	American Medical Association – Physician Consortium for Performance Improvement		
<b>Endorsed by</b>	National Quality Forum		
<b>Description</b>	Percentage of patients aged 5 through 40 years with a diagnosis of asthma and who have been seen for at least 2 office visits, who were evaluated during at least one office visit within 12 months for the frequency (numeric) of daytime and nocturnal asthma symptoms.		
<b>Measure scoring</b>	Proportion		
<b>Measure type</b>	Process		
<b>Rationale</b>	Appropriate treatment of asthma patients requires accurate classification of asthma severity. Physician assessment of the frequency of asthma symptoms is the first step in classifying asthma severity.		
<b>Clinical Recommendation Statement</b>	<p>To determine whether the goals of therapy are being met, monitoring is recommended in the 6 areas listed below:</p> <ul style="list-style-type: none"> <li>• Signs and symptoms (daytime; nocturnal awakening) of asthma</li> <li>• Pulmonary function (spirometry; peak flow monitoring)</li> <li>• Quality of life/functional status</li> <li>• History of asthma exacerbations</li> <li>• Pharmacotherapy (as-needed use of inhaled short-acting beta2-agonist, adherence to regimen of long-term-control medications)</li> <li>• Patient-provider communication and patient satisfaction (NAEPP/NHLBI)</li> </ul>		
<b>References</b>			
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*Please refer to the spreadsheet for this measure for detail regarding data criteria and code lists.*

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### Population criteria

- **Initial Patient Population =**

- AND: "Patient characteristic: birth date" (age) >= 5 years;
- AND: "Patient characteristic: birth date" (age) <= 40 years;
- AND: "Diagnosis active: asthma";
- AND: >=2 count(s) of "Encounter: encounter office & outpatient consult" to determine the physician has a relationship with the patient;
- **Denominator =**
  - AND: All patients in the initial patient population;
- **Numerator =**
  - OR:
    - AND: "Symptom assessed: asthma daytime symptoms quantified";
    - AND: "Symptom assessed: asthma nighttime symptoms quantified";
  - OR:
    - AND: "Symptom active: asthma daytime symptoms";
    - AND: "Symptom active: asthma nighttime symptoms";
  - OR: "Risk category / assessment: asthma symptom assessment tool";
- **Exclusions =**
  - AND: None;

#### **Data criteria (QDS Data Elements)**

- **Initial Patient Population =**
  - "Patient characteristic: birth date" using the "birth date code list" before the beginning of the "measurement period";
  - "Diagnosis active: asthma" using the "asthma code list grouping" before or simultaneously to "Encounter: encounter office & outpatient consult";
  - "Encounter: encounter office & outpatient consult" using the "encounter office & outpatient consult code list" during the "measurement period";
- **Denominator =**
  - All patients in the initial patient population;
- **Numerator =**
  - "Symptom assessed: asthma daytime symptoms quantified" using the "asthma daytime symptoms quantified code list" before or simultaneously to "Encounter: encounter office & outpatient consult";
  - "Symptom assessed: asthma nighttime symptoms quantified" using the "asthma nighttime symptoms quantified code list" before or simultaneously to "Encounter: encounter office & outpatient consult";
  - "Symptom active: asthma daytime symptoms" using the "asthma daytime symptoms code list" before or simultaneously to "Encounter: encounter office & outpatient consult";

- “Symptom active: asthma nighttime symptoms” using the “asthma nighttime symptoms code list” before or simultaneously to “Encounter: encounter office & outpatient consult”;
- “Risk category /assessment: asthma symptom assessment tool” using the “asthma symptom assessment tool code list” before or simultaneously to “Encounter: encounter office & outpatient consult”;
- **Exclusions =**
  - None;

**Summary Calculation**

Calculation is generic to all measures:

- Calculate the final denominator by adding all that meet denominator criteria.
- Subtract from the final denominator all that do not meet numerator criteria yet also meet exclusion criteria. Note some measures do not have exclusion criteria.
- The performance calculation is the number meeting numerator criteria divided by the final denominator.
- For measures with multiple patient populations, repeat this process for each patient population and report each result separately.
- For measures with multiple numerators, calculate each numerator separately within each population using the paired exclusion.

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<b>Measure set</b>	CLINICAL QUALITY MEASURE SET 2011-2012
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