

Pediatric Asthma
Urgent Care Visit for Asthma

Description

The percentage of patients at least 2 years of age to less than 19 years of age who were identified as having asthma, regardless of severity, who were seen in an Urgent Care center with a primary diagnosis of asthma or a secondary diagnosis of asthma exacerbation in the measurement year. A lower proportion indicates better performance.

Calculation

This measure requires administrative claims data and is calculated as follows:

The percentage of eligible children who have at least one claim for an Urgent Care encounter with a primary diagnosis of asthma or secondary diagnosis of asthma exacerbation in the measurement year (numerator divided by denominator).

Definitions

Urgent Care Visit Treatment received in the Urgent Care as indicated by claims codes

Eligible Population

- Ages** Patients ages 2 years to less than 19 years at the start of the measurement year.
- Enrollment** Continuous enrollment during the measurement year (with no more than 30-day gap and must be enrolled in month 12) or continuously enrolled until hospice care or death (See Codes to Identify Death).
- Diagnosis** Diagnosis of asthma, as defined in the Asthma Population Specification.

Codes to Identify Death

Description	Discharge Status
Discharge status = Expired	20- Expired, 40- Expired at Home, 41- Expired in a Medical facility, 42- Expired - Place Unknown

Codes to Identify Visit Type

Description	UB Revenue	Provider Entity Type Qualifier (PETQ)
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Urgent Care	0516, 0526	UC
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Codes to Identify Diagnosis of Asthma (exacerbation dxs are denoted with *)

Asthma Dxs	ICD-10 Code
Mild intermittent asthma	J45.2
Mild intermittent asthma, uncomplicated	J45.20
Mild intermittent asthma with (acute) exacerbation*	J45.21
Mild intermittent asthma with status asthmaticus*	J45.22
Mild persistent asthma	J45.3
Mild persistent asthma, uncomplicated	J45.30
Mild persistent asthma with (acute) exacerbation*	J45.31
Mild persistent asthma with status asthmaticus*	J45.32
Moderate persistent asthma	J45.0
Moderate persistent asthma, uncomplicated	J45.40
Moderate persistent asthma with (acute) exacerbation*	J45.41
Moderate persistent asthma with status asthmaticus*	J45.42
Severe persistent asthma	J45.5
Severe persistent asthma, uncomplicated	J45.50
Severe persistent asthma with (acute) exacerbation*	J45.51
Severe persistent asthma with status asthmaticus*	J45.52
Unspecified asthma with (acute) exacerbation*	J45.901
Unspecified asthma with status asthmaticus*	J45.902
Unspecified asthma, uncomplicated	J45.909
Exercise induced bronchospasm	J45.990
Cough variant asthma	J45.991
Other asthma	J45.998
Eosinophilic asthma	J82.83

Specification

Denominator Eligible Population defined above, excluding conditions specified below.

Numerator Patients in the denominator seen in Urgent Care (see Codes to Identify Visit Type) with a primary diagnosis of asthma or a secondary diagnosis of asthma exacerbation in the measurement year (see Codes to Identify Diagnosis of Asthma).

Exclusions

1. Exclude Urgent Care visits with a hospital admission on the same day.
2. Patients with a diagnosis in the Codes to Identify Exclusions table during the measurement year or the year prior are excluded
3. Hospice patient claims (see Additional Exclusions), after hospice/palliative care begins

Codes to Identify Exclusions

Exclusions for Asthma	
Condition Name	ICD-10 Code(s)
Cystic Fibrosis	E84.0, E84.1, E84.8, E84.9

Interstitial Lung Disease	J84, J84.0, J84.01, J84.02, J84.03, J84.09, J84.1, J84.10, J84.11, J84.111, J84.112, J84.113, J84.114, J84.115, J84.116, J84.117, J84.17, J84.170, J84.178, J84.2, J84.8, J84.81, J84.82, J84.83, J84.84, J84.841, J84.842, J84.843, J84.848, J84.89, J84.9
Primary Pulmonary Hypertension	I27.0, I227.20, I27.23, I27.24, I27.29
Sarcoidosis	D86.0, D86.9
Other Chronic Lung Disease: Patient with other chronic lung disease that are not asthma or asthma/COPD overlap	J98.4, J98.9
Lung Transplant	Z94.2, Z94.3
Bronchiectasis	J47.0, J47.1, J47.9

Additional Exclusions	Codes to Identify Hospice Care
Exclude claims after first instance of any of these codes	<p>ICD 10: Z51.5 (palliative care)</p> <p>UB rev: 0115,0125,0135,0145, 0155,0235,0650,0651,0652,0655,0656, 0657,0658,0659</p> <p>Type of Bill: 810,811,812,813,814, 815,817,818,819,820,821,822,823,824,825,827,828,829</p> <p>Place of service: 34</p> <p>CPT: G0182,G9473,G9474,G9475, G9476,G9477,G9478,G9479,Q5003,Q5004,Q5005,Q5006,Q5007,Q5008,Q5010,S9126,T2042,T2043,T2044,T2045,T2046,99377,99378</p> <p>Discharge status: 50 Hospice - Home; 51 Hospice - Medical Facility (Certified)</p>

Notes

- Levels of analysis: PO, practice