

COPD
Urgent Care Visit for COPD

Description

The percentage of patients 40 years of age and older who were identified as having COPD who were seen in an Urgent Care center with a primary diagnosis of COPD or primary diagnosis of acute respiratory failure and secondary diagnosis of COPD 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 adults who have at least one claim for an Urgent Care encounter with a primary diagnosis of COPD or primary diagnosis of acute respiratory failure and secondary diagnosis of COPD 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 40 years of age and older 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 COPD, as defined in the COPD 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)
Urgent Care	0516, 0526	UC

Codes to Identify Diagnosis of COPD

Primary DX of COPD	ICD-10 Code(s)
Simple chronic bronchitis	J41.0
Mucopurulent chronic bronchitis	J41.1
Mixed simple and mucopurulent chronic bronchitis	J41.8
Unspecified chronic bronchitis	J42
Unilateral pulmonary emphysema [MacLeod's syndrome]	J43.0
Panlobular emphysema	J43.1
Centrilobular emphysema	J43.2
Other emphysema	J43.8
Emphysema, unspecified	J43.9
Chronic obstructive pulmonary disease with (acute) lower respiratory infection	J44.0
Chronic obstructive pulmonary disease with (acute) exacerbation	J44.1
Chronic obstructive pulmonary disease, unspecified	J44.9
Primary dx respiratory failure with secondary dx COPD exacerbation (ICD-10 J44.0, J44.1)	ICD-10 Code(s)
Acute respiratory failure, unspecified whether with hypoxia or hypercapnia	J96.00
Acute respiratory failure with hypoxia	J96.01
Acute respiratory failure with hypercapnia	J96.02
Acute and chronic respiratory failure, unspecified whether with hypoxia or hypercapnia	J96.20
Acute and chronic respiratory failure with hypoxia	J96.21
Acute and chronic respiratory failure with hypercapnia	J96.22
Respiratory failure, unspecified, unspecified whether with hypoxia or hypercapnia	J96.90
Respiratory failure, unspecified with hypoxia	J96.91
Respiratory failure, unspecified with hypercapnia	J96.92
Acute respiratory distress	R06.03
Respiratory arrest	R09.2

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 primary diagnosis of COPD or primary diagnosis of acute respiratory failure and secondary diagnosis of COPD exacerbation in the measurement year (see Codes to Identify Diagnosis of COPD).

Exclusions

1. Exclude Urgent Care visits with a hospital admission on the same day.
2. Patients with any of the diagnoses listed below in the measurement year or year prior.
3. Patients with a concurrent diagnosis of asthma (including Asthma COPD Overlap Syndrome or ACOS).
4. Hospice patient claims (see Additional Exclusions), after hospice/palliative care begins

Codes to Identify Exclusions

Exclusions for COPD	
Condition Name	ICD-10 Code(s)
Lung transplant	Z94.2, Z94.3
Cystic Fibrosis	E84.0, E84.1, E84.8, E84.9
Sarcoidosis	D86.0, D86.9
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
Other Chronic Lung Disease	J98.4, J89.9
Asthma	J45.2, J45.20, J45.21, J45.22, J45.3, J45.30, J45.31, J45.32, J45.0, J45.40, J45.41, J45.42, J45.5, J45.50, J45.51, J45.52, J45.901, J45.902, J45.909, J45.990, J45.991, J45.998, J82.83

Additional Exclusions	Codes to Identify Hospice Care
Exclude claims after first instance of any of these codes	ICD 10: Z51.5 (palliative care) UB rev: 0115,0125,0135,0145, 0155,0235,0650,0651,0652,0655,0656, 0657,0658,0659 Type of Bill: 10,811,812,813,814, 815,817,818,819,820,821,822,823,824,825,827,828,829 Place of service: 34 CPT: 0182,G9473,G9474,G9475, G9476,G9477,G9478,G9479,Q5003,Q5004,Q5005,Q5006,Q5007,Q5008,Q5010,S9126,T2042,T2043,T2044,T2045,T2046,99377,99378 Discharge status: 50 Hospice - Home; 51 Hospice - Medical Facility (Certified)

Notes

- Levels of analysis: PO, practice

