

2019 HEDIS[®] MEASURE: ASTHMA MEDICATION RATIO (AMR)

Gold Coast Health Plan's goal is to help its providers gain compliance with their annual Healthcare Effectiveness Data and Information Set (HEDIS[®]) scores. This tip sheet will provide the key components to the HEDIS[®] measure, "Asthma Medication Ratio (AMR)."

Measure Description: Measures the percentage of members ages 5 to 64 who were identified as having persistent asthma and had a ration of controller medications to total asthma medications of 0.50 or greater during the measurement year.

Inclusion into the measure can include any of the following four events:

- ▶ At least four outpatient visits or observation visits where there was a diagnosis of asthma and the patient received two separate asthma dispensing events. Three of the four visits may be a telehealth visit, telephone visit, or an online assessment.
- ▶ Acute inpatient visits where the patient received a principal diagnosis of asthma.
- ▶ ED visits with a principal diagnosis of asthma.
- ▶ At least four asthma medication dispensing events.

Codes used to identify asthma

Description	ICD-10-CM
Asthma	J45.20, J45.21, J45.22, J45.30, J45.31, J45.32, J45.40, J45.41, J45.42, J45.50, J45.51, J45.52, J45.901, J45.902, J45.909, J45.990, J45.991, J45.998

Codes used to identify type of clinical visit.

Description	CPT	Telehealth CPT Modifier	Telehealth POS	HCPCS	UB Rev
Outpatient	99201-99205, 99211, 99212-99215, 99241-99245, 99341-99345, 99347-99350, 99381-99387, 99391-99397, 99401-99404, 99411, 99412, 99429, 99455, 99456, 99483			G0402, G0438, G0439, G0463, T1015	0510-0517, 0519-0523, 0526-0529, 0982, 0983
Outpatient Visit Associated with Telemedicine	99212-99215, 99241-99245	95 - Prof GT - Inst	02		
Observation	99217-99220				
Acute Inpatient	99221, 99222, 99223, 99231, 99232, 99233, 99238, 99239, 99251, 99252, 99253, 99254, 99255, 99291				0100, 0101, 0110-0114, 0119-0124, 0129-0134, 0139-0144, 0149-0154, 0159, 0160, 0164, 0167, 0169, 0200-0204, 0206-0214, 0219, 0720-0724, 0729, 0987
ED	99281, 99282, 99283, 99284, 99285				0450, 0451, 0452, 0456, 0459, 0981
Telephone Visit	98966, 98967, 98968, 99441, 99442, 99443		02		
Online Assessment	98969, 99444		02		

Asthma controller medications

Description	Prescriptions
Anti-asthmatic Combinations	Dyphylline-guaifenesin Guaifenesin-theophylline
Inhaled Steroid Combinations	Budesonide-formoterol Fluticasone-salmeterol Fluticasone-vilanterol Mometasone-formoterol
Inhaled Corticosteroids	Beclomethasone Budesonide Ciclesonide Flunisolide Fluticasone CFC free Mometasone
Leukotriene Modifiers	Montelukast Zafirlukast Zileuton
Mast Cell Stabilizers	Cromolyn
Methylxanthines	Aminophylline Dyphylline Theophylline

Asthma reliever medications

Description	Prescriptions
Short-Acting, Inhaled Beta-2 Agonists	Albuterol Levalbuterol Pirbuterol

Members who had any diagnosis from the following table, anytime during the member's history through December 31 of the measurement year, are excluded from the AMR measure.

Description	ICD-10-CM Diagnosis	ICD-9-CM Diagnosis*
Emphysema	J43.0, J43.1, J43.2, J43.8, J43.9, J98.2, J98.3	492.0, 492.8, 518.1, 518.2
Chronic Obstructive Pulmonary Disease	J44.0, J44.1, J44.9	493.20, 493.21, 493.22, 496
Obstructive Chronic Bronchitis		491.20, 491.21, 491.22
Chronic Respiratory Condition Due to Fumes / Vapors	J68.4	506.4
Cystic Fibrosis	E84.0, E84.11, E84.19, E84.8, E84.9	277.00, 277.01, 277.02, 277.03, 277.09
Acute Respiratory Failure	J96.00, J96.01, J96.02, J96.20, J96.21, J96.22	518.81

* ICD-9 codes used for the retrospective claim review prior to the October 1, 2016 implementation of ICD-10 codes



Best Practices:

- ▶ Deliver preventive asthma care at non-asthma related visits, including assessing asthma symptoms to determine if preventive medication action is needed - especially for medically underserved populations where access to health care can be challenging.
- ▶ Prescribe extra rescue inhaler for schools. If both inhalers (of the same medication) are picked up at the same time, it will count as one dispensing event.
- ▶ Increase asthma medication compliance by:
 - Providing education regarding the difference between a rescue inhaler versus a controller.
 - Creating a patient-centered interaction by listening and incorporating patients' opinions into an asthma action plan.
- ▶ Information about the National Asthma Control Initiative Program is available at the [National Heart, Lung, and Blood Institute \(NHLI\)](#).

For additional information on specific HEDIS® measures, please visit the websites for the [National Committee for Quality Assurance \(NCQA\)](#) or the [Agency for Healthcare Research and Quality \(AHRQ\)](#).

Effective January 1, 2014, NCQA replaced the coding tables with “value sets” which contain all applicable codes that can be used to identify a specific service or condition included in any measure. Detailed information on the data sets and technical specifications can be found [here](#).

GCHP does not intend this information to be medical advice, but a tool to assist in compliance with the HEDIS® measures.