

2020 MCAS MEASURE: ASTHMA MEDICATION RATIO (AMR)

Measure Steward: National Committee for Quality Assurance (NCQA)

Gold Coast Health Plan's (GCHP) goal is to help its providers gain compliance with their annual Managed Care Accountability Set (MCAS) scores by providing guidance and resources. This tip sheet will provide the key components to the MCAS 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 ratio 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.
- ▶ Emergency Department (ED) visits with a principal diagnosis of asthma.
- ▶ At least four asthma medication dispensing events.

Data Collection Method: Administrative¹

Codes used to identify asthma.

Description	ICD-10-CM	SNOMED
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	11641008, 12428000, 13151001, 18041002, 19849005, 30352005, 31387002, 34015007, 37981002, 41553006, 55570000, 56968009, 57607007, 59786004, 63088003, 85761009, 92807009, 93432008, 195949008, 195967001, 195977004, 225057002, 233672007, 233678006, 233679003, 233683003, 233687002, 233688007, 266361008, 281239006, 304527002, 370218001, 370219009, 370221004, 389145006, 404804003, 404806001, 404808000, 405944004, 407674008, 409663006, 418395004, 423889005, 424199006, 424643009, 426656000, 426979002, 427295004, 442025000, 445427006, 703953004, 703954005, 707444001, 707445000, 707446004, 707447008, 707511009, 707512002, 707513007, 707979007, 707980005, 707981009, 708038006, 708090002, 708093000, 708094006, 708095007, 708096008, 733858005, 734904007, 734905008, 735587000, 735588005, 735589002, 762521001, 782513000, 782520007, 401000119107, 901000119100, 1751000119100, 5281000124103, 99031000119107, 103781000119103, 124991000119109, 125001000119103, 125011000119100, 135171000119106, 135181000119109, 2360001000004109, 10674711000119105, 10675391000119101, 10675431000119106, 10675471000119109, 10675551000119104, 10675751000119107, 10675871000119106, 10675911000119109, 10675991000119100, 10676391000119108, 10676431000119103, 10676511000119109, 10692681000119108, 10692721000119102, 10692761000119107, 16055311000119107, 16584951000119101

Codes used to identify type of clinical visit.

Description	CPT	Telehealth POS	HCPCS	UB Rev	SNOMED
ED	99281-99285			0450-0452, 0456, 0459, 0981	4525004



Description	CPT	Telehealth POS	HCPCS	UB Rev	SNOMED
Acute Inpatient	99221-99223, 99231-99233, 99238-99239, 99251-99255, 99291				417005, 1505002, 2252009, 2876009, 4563007, 5161006, 8715000, 10378005, 15584006, 18083007, 19951005, 25986004, 32485007, 45702004, 47348005, 48183000, 50699000, 51032003, 51501005, 52748007, 60059000, 63551005, 70755000, 71290004, 73607007, 74857009, 76193006, 76464004, 78680009, 81672003, 82942009, 112689000, 183450002, 183452005, 183481006, 183487005, 183488000, 183489008, 183491000, 183492007, 183493002, 183494008, 183495009, 183496005, 183497001, 183498006, 183499003, 183500007, 183501006, 183502004, 183503009, 183504003, 183505002, 183506001, 183507005, 183508000, 183509008, 183510003, 183511004, 183512006, 235313004, 287927002, 304566005, 305337004, 305338009, 305339001, 305341000, 305342007, 305350003, 305354007, 305355008, 305356009, 305357000, 305358005, 305359002, 305360007, 305361006, 305362004, 305363009, 305364003, 305365002, 305366001, 305367005, 305368000, 305369008, 305370009, 305371008, 305372001, 305374000, 305375004, 305376003, 305377007, 305378002, 305379005, 305380008, 305382000, 305383005, 305384004, 305385003, 305386002, 305387006, 305388001, 305389009, 305390000, 305391001, 305392008, 305393003, 305394009, 305395005, 305396006, 305397002, 305399004, 305400006, 305401005, 305402003, 305403008, 305404002, 305405001, 305406000, 305407009, 305408004, 305409007, 305410002, 305411003, 305412005, 305413000, 305414006, 305415007, 305416008, 305417004, 305418009, 305419001, 305420007, 305421006, 305422004, 305423009, 305424003, 305425002, 305426001, 305427005, 305428000, 305429008, 305430003, 305431004, 305432006, 305433001, 305434007, 305435008, 306732000, 306803007, 306967009, 308251003, 308252005, 308253000, 310361003, 373113001, 397769005, 398162007, 405614004, 699124006, 3241000175106, 432621000124105, 442281000124108, 447941000124106, 448421000124105, 448431000124108, 448441000124103, 448851000124103



Description	CPT	Telehealth POS	HCPCS	UB Rev	SNOMED
Inpatient				0100, 0101, 0110-0114, 0116-0124, 0126-0134, 0136-0144, 0146-0154, 0156-0160, 0164, 0167, 0169-0174, 0179, 0190-0194, 0199-0204, 0206-0214, 0219, 1000-1002	
Outpatient with or without Telehealth	99201-99205, 99211-99215, 99241-99245, 99341-99345, 99347-99350, 99381-99387, 99391-99397, 99401-99404, 99411-99412, 99429, 99455, 99456, 99483	02	G0402, G0438, G0439, G0463, T1015	0510-0517, 0520-0523, 0526-0529, 0982, 0983	17436001, 30346009, 37894004, 77406008, 84251009, 185463005, 185464004, 185465003, 281036007, 439740005, 3391000175108, 444971000124105
Observation	99217-99220				
Telephone Visits	98966-98968, 99441-99443				11797002, 185317003, 314849005, 386472008, 386473003, 386479004
Online Assessments	98969, 99444				

Asthma controller medications

Description	Prescription
Anti-asthmatic Combinations	Dyphylline-guaifenesin
Antibody Inhibitors	Omalizumab
Anti-interleukin-5	Benralizumab Mepolizumab Reslizumab
Inhaled Steroid Combinations	Budesonide-formoterol Fluticasone-salmeterol Fluticasone-vilanterol Formoterol-mometasone

Description	Prescription
Inhaled Corticosteroids	Beclomethasone Budesonide Ciclesonide Flunisolide Fluticasone Mometasone
Leukotriene Modifiers	Montelukast Zafirlukast Zileuton
Methylxanthines	Theophylline

Asthma reliever medications

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

Exclusions: Members who had any diagnosis from the following table, anytime during the member's history through December 31, 2019, are excluded from the AMR measure.

Description	ICD-10-CM	ICD-9-CM*	SNOMED
Emphysema	J43.0, J43.1, J43.2, J43.8, J43.9, J98.2, J98.3	492.0, 492.8, 518.1, 518.2	2912004, 4981000, 16003001, 16838000, 16846004, 23851004, 23958009, 31898008, 45145000, 47895001, 54288002, 57686001, 60805002, 68328006, 86680006, 87433001, 195957006, 195958001, 195959009, 195963002, 196026004, 233674008, 233675009, 233677001, 266355005, 266356006, 3332501, 708030004, 77690003
Chronic Obstructive Pulmonary Disease	J44.0, J44.1, J44.9	493.20, 493.21, 493.22, 496	13645005, 135836000, 195951007, 196001008, 285381006, 313296004, 313297008, 313299006, 1751000119100, 106001000119101
Obstructive Chronic Bronchitis		491.21, 491.21, 491.22	185086009, 293241000119100
Chronic Respiratory Conditions Due to Fumes or Vapors	J68.4	506.4	15908004, 31803008, 32544004, 43098002, 61233003, 66110007, 69454006, 72163003, 74800004, 196025000, 196026004, 308905009
Cystic Fibrosis	E84.0, E84.11, E84.19, E84.8, E84.9	277.00, 277.01, 277.02, 277.03, 277.09	81423003, 86092005, 86555001, 190905008, 190909002, 235978006, 720401009, 762269004, 762270003, 762271004
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, 2015 implementation of ICD-10 codes



Best Practices:

- ▶ Use the GCHP Performance Feedback Reports to identify members with gaps in care.
- ▶ Make outreach calls and/or send letters to advise members / parents of the need for a visit.
- ▶ 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 support with medication adherence and to gain an understanding of available local community resources, GCHP's team of nurses, social workers, and care management coordinators can assist. Providers can contact the Care Management Department or refer patients / guardians / caregivers to the following contact information:
 - Providers, call: 1-805-437-5777
 - Members, call: 1-805-437-5656
 - GCHP website, Care Management: [Click Here](#)
- ▶ GCHP offers free health education services, materials and classes to help members achieve a healthy lifestyle. Providers can contact the Health Education Department or refer patients / guardians / caregivers to the following information:
 - Providers, call: 1-805-437-5718
 - Members, call: 1-888-301-1228 / TTY 1-888-310-7347
 - GCHP website - Health and Wellness page, provided in English and Spanish:
 - » English - [Click Here](#)
 - » Spanish - [Click Here](#)
- ▶ Ensure your documentation is clear and concise.
- ▶ Use proper coding.

¹ Measures reported using the *administrative* data collection method report on the entire eligible population and use only administrative data sources (e.g. claims, encounter, lab, immunization registries) to evaluate if services were performed.