

2021 MCAS MEASURE: CHILDHOOD IMMUNIZATION STATUS – COMBO 10 (CIS-10)

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, "Childhood Immunization Status – Combo 10 (CIS-10)."

Measure Description: Children 2 years of age and under who completed their childhood immunizations before turning 2 in the measurement year. One dose of MMR, one dose of VZV, and one dose of Hep A must be given on or between the child's first and second birthday. One dose of the flu vaccine can be an LAIV vaccination that must be administered on the child's second birthday.

▶ 4 DtaP/DTP	▶ 4 PCV
▶ 3 IPV	▶ 3 Hep B
▶ 3 Hib	▶ 2 or 3 Rotavirus
▶ 2 Influenza	▶ 1 Hep A
▶ 1 MMR	▶ 1 VZV

This measure follows the immunization guidelines from the Centers for Disease Control and Prevention (CDC) and the Advisory Committee on Immunization Practices (ACIP). Any exclusions to this measure must have occurred by the child's second birthday.

Data Collection Method: Hybrid¹

CIS Clinical Code Sets

- ▶ For billing, reimbursement, and reporting of services completed, submit claims timely with the appropriate medical codes for all clinical conditions evaluated and services completed.

Codes used to identify vaccines administered or evidence of disease.

Vaccine / Disease	ICD-10-CM*	ICD-10-PCS	CPT	HCPCS	CVX	SNOMED
Diphtheria, Tetanus, Pertussis (DTaP)			90698, 90700, 90723		20, 50, 106, 107, 110, 120	170395004, 170396003, 170397007, 170399005, 170400003, 170401004, 170402006, 310306005, 310307001, 310308006, 312870000, 313383003, 390846000, 390865008, 399014008, 412755006, 412756007, 412757003, 412762002, 412763007, 412764001, 414001002, 414259000, 414620004, 415507003, 415712004, 770608009, 770616000, 770617009, 770618004, 787436003, 787438002, 428251000124104, 571571000119105, 572561000119108, 16290681000119103, 16298561000119108
Haemophilus Influenzae Type B (HiB)			90644, 90647, 90648, 90698, 90748		17, 46, 47, 48, 49, 50, 51, 120, 148	127787002, 170343007, 170344001, 170345000, 170346004, 310306005, 310307001, 310308006, 312869001, 312870000, 414001002, 414259000, 415507003, 415712004, 770608009, 770616000, 770617009, 770618004, 786846001, 787436003, 787438002



Vaccine / Disease	ICD-10-CM*	ICD-10-PCS	CPT	HCPCS	CVX	SNOMED
Hepatitis A*	B15.0, B15.9		90633		31, 83, 85	16060001, 18917003, 25102003, 40468003, 43634002, 79031007, 111879004, 165997004, 206373002, 278971009, 310875001, 424758008, 428030001, 170378007, 170379004, 170380001, 170381002, 170434002, 170435001, 170436000, 170437009, 243789007, 312868009, 313188000, 313189008, 314177003, 314178008, 314179000, 394691002, 412742005, 412743000, 105801000119103, 571511000119102
Hepatitis B*	B16.0, B16.1, B16.2, B16.9, B17.0, B18.0, B18.1, B19.10, B19.11	3E0234Z	90723, 90740, 90744, 90747, 90748	G0010	08, 44, 45, 51, 110	1116000, 13265006, 26206000, 38662009, 50167007, 53425008, 60498001, 61977001, 66071002, 76795007, 111891008, 165806002, 186624004, 186626002, 186639003, 235864009, 235865005, 235869004, 235871004, 271511000, 313234004, 406117000, 424099008, 424340000, 442134007, 442374005, 446698005, 16584000, 170370000, 170371001, 170372008, 170373003, 170434002, 170435001, 170436000, 170437009, 312868009, 396456003, 770608009, 770616000, 770617009, 770618004, 786846001, 787438002, 153091000119109, 572561000119108
Influenza			90655, 90657, 90661, 90673, 90685, 90686, 90687, 90688, 90689, 90660, 90672	G0008	88, 140, 141, 150, 153, 155, 158, 161, 111, 149	86198006, 786847005, 787016008
Inactivated Polio Vaccine (IPV)			90698, 90713, 90723		10, 89, 110, 120	396456003, 414001002, 414259000, 414619005, 414620004, 415507003, 415712004, 416144004, 416591003, 417211006, 417384007, 417615007
Measles*	B05.0, B05.1, B05.2, B05.3, B05.4, B05.81, B05.89, B05.9		90705		05	14189004, 28463004, 38921001, 60013002, 74918002, 111873003, 161419000, 170364006, 186561002, 186562009, 195900001, 240483006, 240484000, 371111005, 406592004, 417145006, 47435007, 105841000119101, 572481000119103



Vaccine / Disease	ICD-10-CM*	ICD-10-PCS	CPT	HCPCS	CVX	SNOMED
Mumps*	B26.0, B26.1, B26.2, B26.3, B26.81, B26.82, B26.83, B26.84, B26.85, B26.89, B26.9		90704		07	10665004, 17121006, 31524007, 31646008, 36989005, 40099009, 44201003, 50583002, 63462008, 72071001, 74717002, 75548002, 78580004, 89231008, 89764009, 111870000, 161420006, 235123001, 236771002, 237443002, 240526004, 240527008, 240529006, 371112003, 105821000119107
Measles, Rubella			90708		04	
Measles, Mumps, Rubella (MMR)			90707, 90710		03, 94	38598009, 170433008, 432636005, 433733003, 150971000119104, 571591000119106, 572511000119105
Pneumococcal Conjugate (PCV)			90670	G0009	133, 152	434751000124102
Rotavirus			90681, 90680		119, 116, 122	434741000124104, 434731000124109
Rubella	B06.00, B06.01, B06.02, B06.09, B06.81, B06.82, B06.89, B06.9		90706		06	10082001, 13225007, 19431000, 36653000, 51490003, 64190005, 79303006, 84611003, 111867004, 128191000, 161421005, 165792000, 186567003, 186570004, 192689006, 231985001, 232312000, 240485004, 253227001, 406112006, 406113001, 82314000, 1092361000119109, 10759761000119100



Vaccine / Disease	ICD-10-CM*	ICD-10-PCS	CPT	HCPCS	CVX	SNOMED
Varicella Zoster (VZV)*	B01.0, B01.11, B01.12, B01.2, B01.81, B01.89, B01.9, B02.0, B02.1, B02.21, B02.22, B02.23, B02.24, B02.29, B02.30, B02.31, B02.32, B02.33, B02.34, B02.39, B02.7, B02.8, B02.9		90710, 90716		21, 94	4740000, 10698009, 21954000, 23737006, 24059009, 36292003, 38907003, 42448002, 49183009, 55560002, 87513003, 111859007, 111861003, 161423008, 186524006, 186525007, 195911009, 230176008, 230198004, 230262004, 230536009, 232400003, 235059009, 240468001, 240470005, 240471009, 240472002, 240473007, 240474001, 309465005, 371113008, 397573005, 400020001, 402897003, 402898008, 402899000, 410500004, 410509003, 421029004, 422127002, 422446008, 422471006, 422666006, 423333008, 423628002, 424353002, 424435009, 424801004, 424941009, 425356002, 426570007, 428633000, 713250002, 713733003, 713964006, 715223009, 723109003, 12551000132107, 12561000132105, 12571000132104, 331071000119101, 681221000119108, 15678761000119105, 15678801000119102, 15680201000119106, 15680241000119108, 15685081000119102, 15685121000119100, 15685201000119100, 15685281000119108, 15936581000119108, 15936621000119108, 15989271000119107, 15989311000119107, 15989351000119108, 15991711000119108, 15991791000119104, 425897001, 428502009, 473164004, 571611000119101

* History of disease before the child's second birthday meets criteria for evidence of antigen, vaccine, or history of illness.

Exclusionary Criteria - Members with the any of the following conditions are excluded from the IMA measure:

- Members receiving hospice care during the measurement year.
- Members who had a contraindication to a vaccine or one of the following conditions anytime during the member's medical history up to their second birthday. Click [here](#) to see complete list of contraindications and conditions.

The Medical Record Must Include:

- A note indicating the name of the specific antigen and the date of the immunization; or
- A certificate of immunization prepared by an authorized health care provider or agency that includes specific dates and types of immunizations administered.



CIS Best Practices:

- ▶ Use the Inovalon® INDICES® Provider Insights Dashboards to identify members with gaps in care.
- ▶ Make outreach calls and/or send letters to advise members / parents of the need for a visit.
- ▶ The American Academy of Pediatrics (AAP) recommends health care professionals review a child's immunization record at every encounter to administer or schedule needed vaccines.
- ▶ Hold in-service staff meetings to educate team members about vaccines and correct common misconceptions.
- ▶ Provide resources to educate parents about the importance of vaccines and to correct any misinformation.
- ▶ Use available immunization registries and make sure staff have access to the [California Immunization Registry \(CAIR\)](#).
- ▶ Document all seropositive test results and illnesses of chicken pox, measles, mumps, and rubella with a note indicating the date of the event – all of which occur by the child's second birthday.
- ▶ For additional materials for clinical staff and parents, visit the California Department of Public Health [website](#).

¹ Measures reported using the *hybrid* data collection method report on a sample of the eligible population (usually 411) and use both administrative and medical record data sources to evaluate if services were performed.