

MHDC Quality Measures Reference Card

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This is a quick reference card containing the fields in each data group, their data type, and a brief description. For the constraints on each field, full descriptions, and usage notes see the full specification with the same version number.

diagnoses Data Group

Field Name	Field Type	Description
patientId	string	The identifier used to map data to a specific patient (i.e., a specific member of the insurance plan).
diagnosisCode	string	A code representing the diagnosis being reported in the current record.
codeSystem	enumerated string	The code system used for the supplied diagnosis in the diagnosisCode field.
status	enumerated string	Indicates whether the diagnosis is currently applicable or no longer applies.
startDate	date	The date the diagnosis started.
endDate	date	The date the diagnosis ended.
reportedDate	date	The date of the event associated with the diagnosis.
source	enumerated string	Indicates where the diagnosis originated.
diagnosingProviderNpi	integer	The NPI number of the diagnosing provider.

disabilities Data Group

Field Name	Field Type	Description
patientId	string	The identifier used to map data to a specific patient (i.e., a specific member of the insurance plan).
disabilityStatus	enumerated string	Indicates the overall disability status of the patient.
disabilitySource	enumerated string	Indicates the source of the disability-related information.
hearingDisability	enumerated string	Indicates whether the patient is deaf or has serious hearing difficulty.
hearingDisabilityUpdated Date	date	Date the patient’s hearing disability was updated.

Field Name	Field Type	Description
hearingDisabilityVerifiedDate	date	Date the patient's hearing disability was verified.
visionDisability	enumerated string	Indicates whether the patient is blind or has serious vision difficulty, even with glasses.
visionDisabilityUpdatedDate	date	Date the patient's vision disability was updated.
visionDisabilityVerifiedDate	date	Date the patient's vision disability was verified.
cognitiveDisability	enumerated string	Indicates whether the patient has serious difficulty concentrating, remembering, or making decisions due to a physical, mental, or emotional condition.
cognitiveDisabilityUpdatedDate	date	Date the patient's cognitive disability was updated.
cognitiveDisabilityVerifiedDate	date	Date the patient's cognitive disability was verified.
ambulatoryDisability	enumerated string	Indicates whether the patient has serious difficulty walking or climbing stairs.
ambulatoryDisabilityUpdatedDate	date	Date the patient's ambulatory disability was updated.
ambulatoryDisabilityVerifiedDate	date	Date the patient's ambulatory disability was verified.
dressingsBathingDisability	enumerated string	Indicates whether the patient has difficulty dressing or bathing.
dressingsBathingDisabilityUpdatedDate	date	Date the patient's dressing or bathing disability was updated.
dressingsBathingDisabilityVerifiedDate	date	Date the patient's dressing or bathing disability was verified.
independenceDisability	enumerated string	Indicates whether the patient has difficulty doing errands alone due to physical, mental, or emotional condition.
independenceDisabilityUpdatedDate	date	Date the patient's independence disability was updated.

Field Name	Field Type	Description
independenceDisabilityVerifiedDate	date	Date the patient’s independence disability was verified.
selfCareDisability	enumerated string	Indicates whether the patient has difficulty with self-care. Use this field for broader self-care domain than difficulties with bathing or dressing specifically.
emotionalDisability	enumerated string	Indicates whether the patient has emotional disability, a condition characterized by a long-term and marked degree of emotional or mental health challenges that adversely affect an individual’s ability to function, particularly in learning or social environments.
physicalDisability	enumerated string	Indicates whether the patient has physical disability, it broadly refers to conditions that limit basic physical activities such as walking, climbing stairs, reaching, lifting, or carrying.
communicationDifficulty	enumerated string	Indicates whether the patient has difficulty communicating using their usual language.
learningDisability	enumerated string	Indicates whether the patient has serious difficulty learning how to do things most people their age can learn.
psychiatricDisability	enumerated string	Indicates whether the patient has serious difficulty with mood, intense feelings, controlling behavior, or experiencing delusions or hallucinations.
otherDisability	enumerated string	Indicates whether the patient has some other type of disability that limits activities in any way. Use this field if the disability type is not covered by other fields.
otherDisabilityDetails	string	A freeform string represents the details about the type of disability tied to the otherDisability field.
disabilitySelfIdentified	enumerated string	Indicates whether the patient has self identified as having a disability.

exceptions Data Group

Field Name	Field Type	Description
patientId	string	The identifier used to map data to a specific patient (i.e., a specific member of the insurance plan).
measureCode	enumerated string	Indicates which screening or care management item is affected by the exception.
exceptionCode	string with preferred values	The preferred values should be used if applicable but other values may also be used; this is not a strict enumeration.
reason	string	A freeform description of the exception and why the exception is valid.

Field Name	Field Type	Description
frequency	string	Indicates a change in frequency rather than an exception to including data at all.
startDate	date	The date the exception started.
endDate	date	The date the exception ended.

immunizations Data Group

Field Name	Field Type	Description
patientId	string	The identifier used to map data to a specific patient (i.e., a specific member of the insurance plan).
serviceProviderNpi	integer	The NPI number of the service provider.
serviceDate	date	The date the service was performed.
immunizationCode	string	A code representing the immunization being reported in the current record.
codeSystem	enumerated string	The code system used for the supplied immunization in the immunizationCode field.
immunizationName	string	A freeform string representing the common name of the immunization.

interventions Data Group

Field Name	Field Type	Description
patientId	string	The identifier used to map data to a specific patient (i.e., a specific member of the insurance plan).
referringProviderNpi	integer	The NPI number of the referring provider.
orderDate	date	The date the intervention was ordered.
servicingProvider	string	The provider who carried out the intervention.
socialNeedType	enumerated string	Indicates the type of social need support identified for the patient. If other is used, details should be included at the start of the notes data element.
interventionType	enumerated string	Type of intervention. If other is used, details should be included at the start of the notes data element.

Field Name	Field Type	Description
interventionDate	date	The date the intervention took place.
notes	string	Notes about the intervention. If other is used for the socialNeedType and/or interventionType, details should be included at the start of this notes data element.

laboratoryServices Data Group

Field Name	Field Type	Description
patientId	string	The identifier used to map data to a specific patient (i.e., a specific member of the insurance plan).
orderingProviderNpi	integer	The NPI number of the ordering provider.
labId	string	An identifier for the laboratory analyzing the test and providing the results.
serviceCode	string	A code representing the service being reported in the current record.
codeSystem	enumerated string	The code system used for the supplied service in the serviceCode field.
serviceDate	date	The date the service was performed.
resultDate	date	The date the results were processed by the laboratory.
result	number	The numerical result of a specific test in the units system specified in the units field.
unit	enumerated string	The unit designator for the service.
summaryOfFindings	string	Provides a summary of a collection of findings when such a summary is appropriate.

medications Data Group

Field Name	Field Type	Description
patientId	string	The identifier used to map data to a specific patient (i.e., a specific member of the insurance plan).
orderingProviderNpi	integer	The NPI number of the ordering provider.
orderDate	date	The date the medication was ordered.
startDate	date	The date the medication started.

Field Name	Field Type	Description
endDate	date	The date the medication ended.
status	enumerated string	Indicates whether the medication is currently applicable or no longer applies.
medicationCode	string	A code representing the medication being reported in the current record.
codeSystem	enumerated string	The code system used for the supplied medication in the medicationCode field.
medicationName	string	A freeform string representing the common name of the medication.
supplyLength	integer	The number of days of medication included in each prescription fill
quantity	integer	The total number of pills, shots, or other medication included in each prescription fill
frequency	string	How often the medication is taken by the patient.
dose	number	The number of pills, puffs, injections, spoonfuls, etc. in each dose of the medication
strength	string	The amount of medication in each item taken by the patient
deliveryMechanism	string	The medication form: pill, liquid, ointment, nasal inhaler, oral inhaler, injection, auto-injector, etc.

memberships Data Group

Field Name	Field Type	Description
patientId	string	The identifier used to map data to a specific patient (i.e., a specific member of the insurance plan).
subscriberNumber	string	The subscriber ID assigned to this patient by the payer.
dependentCode	string	Indicates the position of the patient in the family structure.
lastName	string	The last name of the patient.
firstName	string	The first name of the patient.
middleInitial	string	The middle initial of the patient.
gender	enumerated string	The current gender of the patient.
birthDate	date	The date of birth of the patient in YYYY-MM-DD format.
phoneNumber	string	The phone number of the patient.
spokenLanguage	string	The spoken language of the patient.

Field Name	Field Type	Description
writtenLanguage	string	The written language of the patient.
race	enumerated string	The identified race category of the patient.
hispanicEthnicity	enumerated string	Indicates whether the patient self-identifies as Hispanic.
isHispanic	boolean	Indicates whether the patient is Hispanic.

membershipsAdditional Data Group

Field Name	Field Type	Description
patientId	string	The identifier used to map data to a specific patient (i.e., a specific member of the insurance plan).
race2	enumerated string	In addition to the race field in the memberships data group, this is the second race field for an additional patient’s identified race category.
detailedRace1	enumerated string	Detailed race codes using the CDC Race and Ethnicity (CDCREC) code system. If the code <i>2131-1 (Other Race)</i> is selected, the detailedRaceOther field may be used to provide details.
detailedRace2	enumerated string	This is the second detailed race field for an additional patient’s identified detailed race.
detailedRaceOther	string	A freeform text to provide details about other race, if <i>2131-1 (Other Race)</i> is used for the race or detailedRace fields, or if additional detailed races need to be provided beyond the two detailed race fields already supplied.
raceUpdatedDate	date	Date the patient’s race was updated.
raceVerfiedDate	date	Date the patient’s race was verified.
detailedEthnicity	enumerated string	Detailed ethnicity codes using the CDC Race and Ethnicity (CDCREC) code system. If the value <i>other</i> is used, use the detailedEthnicityOther to provide details or if multiple detailed ethnicities need to be reported.
detailedEthnicityOther	string	A freeform text to provide details about other detailed ethnicity if the value <i>other</i> is used for detailedEthnicity, or if additional detailed ethnicities need to be provided.
ethnicityUpdatedDate	date	Date the patient’s ethnicity was updated.
ethnicityVerifiedDate	date	Date the patient’s ethnicity was verified.

Field Name	Field Type	Description
sexAssignedAtBirth	enumerated string	<p>Patient sex that is assigned at birth.</p> <p>If the value <i>other</i> is used, provide details in sexAssignedAtBirthOther.</p>
sexAssignedAtBirthOther	string	A freeform text to provide details about other sex assigned at birth, if the value <i>other</i> is provided for sexAssignedAtBirth.
spokenLanguageEnumerated	enumerated string	<p>The preferred spoken language of the patient.</p> <p>If the value <i>other</i> is selected, use the spokenLanguage field under the memberships data group to provide the details.</p>
spokenLanguageUpdatedDate	date	Date the patient's preferred spoken language was updated.
spokenLanguageVerifiedDate	date	Date the patient's preferred spoken language was verified.
writtenLanguageEnumerated	enumerated string	<p>The preferred written language of the patient.</p> <p>If the value <i>other</i> is selected, use the writtenLanguage field under the memberships data group to provide the details.</p>
writtenLanguageUpdatedDate	date	Date the patient's preferred written language was updated.
writtenLanguageVerifiedDate	date	Date the patient's preferred written language was verified.
englishProficiency	enumerated string	Levels of proficiency for English.
englishProficiencyUpdatedDate	date	Date the patient's English proficiency was updated.
englishProficiencyVerifiedDate	date	Date the patient's English proficiency was verified.
religion	enumerated string	<p>The patient's professed religious affiliation.</p> <p>If the value <i>other</i> is used or if additional religions are identified, the religionOther field may be used to provide details.</p>

Field Name	Field Type	Description
religionOther	string	A freeform text to provide details about other religions identified by the patient. This field may also be used to provide additional religious affiliations if more than one is identified.
sexualOrientation	enumerated string	Sexual orientation identified by the patient. If the value <i>other</i> is used or if additional sexual orientations are identified, the sexualOrientationOther field may be used to provide details.
sexualOrientationOther	string	A freeform text to provide details about other sexual orientation identified by the patient, if the value <i>other</i> is used for the sexualOrientation field. This field may also be used to report additional sexual orientations if more than one is identified.
sexualOrientationUpdatedDate	date	Date the patient's sexual orientation was updated.
sexualOrientationVerifiedDate	date	Date the patient's sexual orientation was verified.
genderIdentity	enumerated string	Gender identity of the patient. If the value <i>other</i> is used or if additional gender identities are identified, the genderIdentityOther field may be used to provide details.
genderIdentityOther	string	A freeform text to provide details about other gender identity identified by the patient, if the value <i>other</i> is used for the genderIdentity field. This field may also be used to report additional gender identities if more than one is identified.
genderIdentityUpdatedDate	date	Date the patient's gender identity was updated.
genderIdentityVerifiedDate	date	Date the patient's gender identity was verified.
pronoun	enumerated string	Pronoun identified by the patient. If the value <i>other</i> is used or if additional pronouns need to be reported, the pronounOther field may be used to provide details.

Field Name	Field Type	Description
pronounOther	string	A freeform text to provide details about other pronoun identified by the patient, if the value <i>other</i> is used for the pronoun field. This field may also be used to report additional pronouns if more than one is identified.
isHomeless	enumerated string	Indicates whether the patient is known to be homeless.
isHomelessUpdatedDate	date	Date whether the patient is homeless was updated.
isHomelessVerfiedDate	date	Date whether the patient is homeless was verified.

observations Data Group

Field Name	Field Type	Description
patientId	string	The identifier used to map data to a specific patient (i.e., a specific member of the insurance plan).
serviceProviderNpi	integer	The NPI number of the service provider.
serviceDate	date	The date the service was performed.
observationCode	string	A code representing the observation being reported in the current record.
codeSystem	enumerated string	The code system used for the supplied observation in the observationCode field.
value	number	The numerical value of the vital sign or observation in the units indicated by the unit field.
unit	enumerated string	The unit designator for the observation.

procedures Data Group

Field Name	Field Type	Description
patientId	string	The identifier used to map data to a specific patient (i.e., a specific member of the insurance plan).
orderingProviderNpi	integer	The NPI number of the ordering provider.
serviceProviderNpi	integer	The NPI number of the service provider.
procedureCode	string	A code representing the procedure being reported in the current record.
codeSystem	enumerated string	The code system used for the supplied procedure in the procedureCode field.

Field Name	Field Type	Description
serviceDate	date	The date the service was performed.
results	string	A freeform string indicating the contents of the procedure report or other pertinent results
source	enumerated string	Indicates where the procedure originated.
modifierCode	string	Modifier code for the procedure code.
modifierCodeSystem	enumerated string	The code system used for the modifier code.

screenings Data Group

Field Name	Field Type	Description
patientId	string	The identifier used to map data to a specific patient (i.e., a specific member of the insurance plan).
screeningToolCode	string	A code representing the screening tool/instrument used for screening.
screeningToolCodeSystem	enumerated string	The code system used for the supplied screening in the screeningCode field.
screeningType	enumerated string	Type of screening.
orderingProviderNpi	integer	The NPI number of the ordering provider.
screeningProvider	string	Who conducted the screening. Provider or non-clinical staff (e.g., patient navigator, community health workers, medical assistants, and social workers).
screeningCode	string	A code representing a specific item or question within the screening tool/instrument.
screeningCodeSystem	enumerated string	The code system used for the supplied screening item or question in the screeningCode field.
screeningDate	date	The date the screening was performed.
screeningResponseCode	string	A code representing the response to the screening item or question that is provided in the screeningCode field.
screeningResponseCodeSystem	enumerated string	The code system used for the supplied screening response in the screeningResponseCode field.
screeningScore	number	A measured value/score to the screening item or question.
screeningResult	string	The outcome of the screening, for example, based on the screening responses, whether the patient screened positive or negative for social needs.

Field Name	Field Type	Description
notes	string	Notes about the screening and/or screening results.
source	enumerated string	Indicates the method by which the screening was conducted. If other is used, details should be included at the start of the notes data element.