

MHDC Quality Measures Reference Card

Massachusetts Health Data Consortium - quality_spec@mahealthdata.org - V1.0.3 - 2020-01-31

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 the diagnosis was first reported.
source	enumerated string	Indicates where the diagnosis originated.

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).

Field Name	Field Type	Description
measureCode	enumerated string	Indicates which screening or care management item is affected by the exception.
exceptionCode	string with preferred values	For the MHDC Quality Measures version 1.0.3 specification 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.
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.

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.

Field Name	Field Type	Description
startDate	date	The date the medication started.
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.

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

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.

Field Name	Field Type	Description
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.
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.