

MHS Data Repository Cancer Screening File

July 6, 2026

Version 1.00.00
Future Specification

Revision History

Version	Date	Para/Tbl/Fig	Originator	Description of Change
1.00.00	7/6/2026	Whole document	Wendy Funk	- Initial versioning. - Loosened language on RedShift, changed variable names, added DMIS ID merge variables

MDR Cancer Screening File

I. SOURCE:

Data Capture: The source for the data is the Deputy Assistant Director (Medical Affairs) DADMA, provided through the Chief Data and Analytics Office.

II. TRANSMISSION (FORMAT AND FREQUENCY)

The data is provided monthly in accordance with ICD XXXXX. Batches include new monthly reports, and changes of data provided historically.

III. ORGANIZATION AND BATCHING

The MDR Cancer Screening file contains all years of data provided by DADMA.

IV. RECEIVING FILTERS

N/A

V. UPDATE PROCEDURES

The MDR Cancer Screening file contains tabulated HEDIS data. The key to the incoming dataset is the derived record number (a sequentially assigned based on the composite key, that is the combination of the following fields (in this order): measure library number, version, begin and end date, age, enrollment DMIS ID, enrollment group, bencat, ohi flag, sponsor service aggregate sex, PCM NPI, PCM ID, sex, race, ethnicity, rank group, provider name and provider group). The new data is simply appended to the baseline data. If a record number is provided more than once, the active indicator is set to 1 for the record with the most recent refresh date. Any other records that share a record key have the active indicator set to 0.

VI. FIELD TRANSFORMATIONS AND DELETIONS FOR MDR HEDIS CANCER SCREENING FILE

- The table below describes reference tables being used to append fields to the MDR Cancer Screening data.

Merge	Merge to	Date Matching	Additional Matching
DMIS ID Index Table	Entire dataset	FY for one set of files. Most current FY for the other.	Merge based on enrollment DMIS ID
GENESIS Radiology	Entire Dataset	FY	Enrollment DMIS ID in cancer data matches Treatment DMIS ID in Radiology Data

VII. RECORD LAYOUT AND CONTENT

MDR Cancer Screening File: Data are stored in a database on the MIP and accessible using RedShift and from the MDR environment using SAS. The table below describes the format, file layout, and field derivation rules for the MDR Cancer Screening file.

Data Fields	Format	Source Field	MDR /HIVE Field Name	MDR Team Rule
Measure Abbreviation	\$5	measure	measure	No transformation
Measure Version	\$6	version	version	No transformation
Certification Status	\$1	cert_status	cert_status	No transformation
ML Number (Parent)	Num	ml_parent	ml_parent	No transformation
ML Number (Child)	Num	ml	ml	No transformation
Measurement Period End Date	YYYYMMDD	end_dt	end_dt	No transformation
Measurement Run Date	YYYYMMDD	refresh_dt	refresh_dt	No transformation
Calendar Year	\$4	cy	cy	No transformation
Calendar Month	\$2	cm	cm	No transformation
Fiscal Year	\$4	fm	fm	No transformation
Fiscal Month	\$2	fm	fm	No transformation
Age	Num	age	age	No transformation
Age Group	\$7	age_grp_hedis	age_grp_hedis	No transformation
Enrollment Site	\$4	enr_dmis_id	enr_dmis_id	No transformation
Enrollment Group	\$1	enr_grp	enr_grp	No transformation
Enrollment PCM Type	\$1	enr_pcm_type	enr_pcm_type	No transformation
Beneficiary Category	\$3	ben_cat	ben_cat	No transformation
Bencat Common	\$1	ben_cat_common	ben_cat_common	No transformation
OHI Flag	\$1	ohi_flag	ohi_flag	No transformation
Sponsor Service, Aggregate	\$1	spon_svc_agg	spon_svc_agg	No transformation
Sex	\$1	sex	sex	No transformation

Data Fields	Format	Source Field	MDR /HIVE Field Name	MDR Team Rule
Race	\$20	race_enhanced	race_enhanced	No transformation
Ethnicity	\$20	ethnicity_enhanced	ethnicity_enhanced	No transformation
Rank Group	\$20	rank_grp	rank_grp	No transformation
PCM NPI	\$10	pcm_npi	pcm_npi	No transformation
PCM Name	\$27	pcm_nm	pcm_nm	No transformation
Provider Group	\$10	prov_grp	prov_grp	No transformation
Denominator	Num	denominator	denominator	No transformation
Numerator	Num	numerator	numerator	No transformation
Numerator - Direct Care	Num	num_dc	num_dc	No transformation
Numerator - Private Sector Care	Num	num_pc	num_pc	No transformation
Numerator - DP	Num	num_dp	num_dp	No transformation
Numerator - VA	Num	num_va	num_va	No transformation
Numerator - Other	Num	num_oth	num_oth	No transformation
FIT Kit	Num	fit_kit	fit_kit	No transformation
Colonoscopy	Num	colonoscopy	colonoscopy	No transformation
Sigmoidoscopy	Num	sigmoidoscopy	sigmoidoscopy	No transformation
FOBT	Num	fobt	fobt	No transformation
CT Colonography	Num	ct_colon	ct_colon	No transformation
FIT DNA	Num	fit_dna	fit_dna	No transformation
HPV Numerator	Num	hvp	hvp	No transformation
Cervical Cytology Numerator	Num	cervical_cytology	cervical_cytology	No transformation
Self-Collection Kit Count	Num	self_collect_ccs	self_collect_ccs	No transformation
Derived from Merge to GENESIS Radiology				
MTF Provides Mammo Flag	Num	mtf_mammo_flag	mtf_mammo_flag	Tabulate GENESIS radiology data by MTF for the most recent year of data and set to Y if there are >=10 records with a technical component record (CPT Modifier TC) and a procedure from the HEDIS Mammography value set.
Derived from Merge to the MDR DMIS ID Index Table using matching fiscal years				
Enrollment Site Command	\$8	enr_command	enr_command	Set to command
Enrollment Site DHP Code	\$1	enr_dhp_code	enr_dhp_code	Set to dhp code
Enrollment Site Military Service	\$1	enr_svc	enr_svc	Set to military service
Enrollment Site Name	\$40	enr_name	enr_name	Set to dmis id name
Enrollment Site Network	\$40	enr_network	enr_network	Set to dmis id network

Data Fields	Format	Source Field	MDR /HIVE Field Name	MDR Team Rule
Enrollment Site Parent	\$4	enr_parent	enr_parent	Set to parent
Enrollment Site Readiness Service	\$1	enr_readiness_svc	enr_readiness_svc	Set to readiness service
Enrollment Site Parent Name	\$40	enr_parent_name	enr_parent_name	Set to parent name
Enrollment Site T5 Region	\$2	enr_t5_reg	enr_t5_reg	Set to t5 region
Derived from Merge to the MDR DMIS ID Index for the processing FY				
Enrollment Site Command - Current	\$8	enr_command_c	enr_command_c	Set to command
Enrollment Site DHP Code - Current	\$20	enr_dhp_code_c	enr_dhp_code_c	Set to dhp code
Enrollment Site Military Service - Current	\$1	enr_svc_c	enr_svc_c	Set to military service
Enrollment Site Name - Current	\$40	enr_name_c	enr_name_c	Set to dmis id name
Enrollment Site Network - Current	\$40	enr_network_c	enr_network_c	Set to network
Enrollment Site Parent - Current	\$2	enr_parent_c	enr_parent_c	set to parent
Enrollment Site Readiness Service - Current	\$1	enr_readiness_svc_c	enr_readiness_svc_c	Set to readiness service
Enrollment Site Parent Name - Current	\$1	enr_parent_name_c	enr_parent_name_c	Set to parent name
Enrollment Site T5 Region - Current	\$2	enr_t5_reg_c	enr_t5_reg_c	Set to T5 region
Internally derived fields				
Sub Measure		ml, version, age	sub_measure	If measure_fam is CCS or LCS then set to "TOTAL". If measure_fam is COL then set to age_grp. If measure_fam is BCS and version <=2026 then set to "TOTAL" otherwise set to age_grp
Active Indicator	Num	record_num	active_ind	Set to 1 for the most current refresh date for each record (defined by the primary key)
Measure Family	\$3	measure_fam	measure_fam	Set to the 1 st 3 characters of the measure abbreviation

VIII. REFRESH FREQUENCY

Data are updated monthly

IX. DATA MARTS

An extract of this file is provided to M2. See M2 Cancer Screening Functional Specification for more information. The data that is provided to M2 shall also be made available in the M2 Analytics environment and to users of the MDR.