



Defense Health Agency

CHIEF DATA AND
ANALYTICS OFFICE



MHS Data Repository (MDR) Cancer Screening File for the MHS Mart (M2)

July 20, 2026

Version 1.00.00

Future Specification

Revision History

Version	Date	Para/Tbl/Fig	Originator	Description of Change
1.00.00	7/6/202620	• Whole document	Wendy Funk	• Initial versioning.

M2 Cancer Screenings File (Version 1.00.00)

I. Source:

Data Capture: The source of the data is the MHS Data Repository Cancer Screening File.

II. File Format

Regardless of the length specified, all fields are variable length and “|” delimited.

III. File Content

Each feed will contain a full table refresh.

IV. Frequency of Processing

The M2 Cancer Screening file is updated on a monthly basis or whenever the MDR Cancer Screening file is updated.

V. Filters:

Only records with active_indicator=1 and the most recent version in the source file are included. This ensures that M2 users can access the most recent methodology and refresh date cycle for a measure number and cy/cm.

VI. Updating the M2 Table

Since the feed is a full table refresh, no processing is necessary other than to replace existing data with new data, and then to derive the specified fields.

VII. Record Layout

M2 Cancer Screening File: Data are stored in M2 and also made available in the M2 Analytics Environment in Redshift, where the data can be accessible through the MDR and to general MIP users. The table below describes the format, file layout, and field derivation rules for the M2 Cancer Screenings file.

Data Fields	Format	Source Field	MDR /HIVE Field Name	Transformation Logic
Measure Family	\$3	measure_fam	measure_fam	No transformation
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 Refresh 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	fy	fy	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 Site Name	\$40	enr_name	enr_name	No transformation
Enrollment Site DHP Code	\$1	enr_dhp_code	enr_dhp_code	No transformation
Enrollment Site Command	\$8	enr_command	enr_command	No transformation
Enrollment Site Military Service	\$1	enr_svc	enr_svc	No transformation
Enrollment Site Network	\$40	enr_network	enr_network	No transformation
Enrollment Site Parent	\$4	enr_parent	enr_parent	No transformation
Enrollment Site Parent Name	\$40	enr_parent_name	enr_parent_name	No transformation
Enrollment Site Readiness Service	\$1	enr_readiness_svc	enr_readiness_svc	No transformation
Enrollment Site T5 Region	\$2	enr_t5_reg	enr_t5_reg	No transformation
Enrollment Site Parent - Current	\$4	enr_parent_c	enr_parent_c	No transformation
Enrollment Site Parent Name - Current	\$40	enr_parent_name_c	enr_parent_name_c	No transformation
Enrollment Site Network - Current	\$40	enr_network_c	enr_network_c	No transformation
Enrollment Site T5 Region - Current	\$2	enr_t5_reg_c	enr_t5_reg_c	No transformation
Enrollment Group	\$1	enr_grp	enr_grp	No transformation
Enrollment PCM Type	\$1	enr_pcm_type	enr_pcm_type	No transformation

Data Fields	Format	Source Field	MDR /HIVE Field Name	Transformation Logic
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
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. This data element is located in a subfolder called "COL Detail"
Colonoscopy	Num	colonoscopy	colonoscopy	No transformation. This data element is located in a subfolder called "COL Detail"
Sigmoidoscopy	Num	sigmoidoscopy	sigmoidoscopy	No transformation. This data element is located in a subfolder called "COL Detail"
FOBT	Num	fobt	fobt	No transformation. This data element is located in a subfolder called "COL Detail"
CT Colonography	Num	ct_colon	ct_colon	No transformation. This data element is located in a subfolder called "COL Detail"
FIT DNA	Num	fit_dna	fit_dna	No transformation. This data element is located in a subfolder called "COL Detail"
HPV Numerator	Num	hvp	hvp	No transformation. This data element is located in a subfolder called "CCS Detail"
Cervical Cytology Numerator	Num	cervical_cytology	cervical_cytology	No transformation. This data element is located in a subfolder called "CCS Detail"
Self-Collection Kit Count	Num	self_collect_ccs	self_collect_ccs	No transformation. This data element is located in a subfolder called "CCS Detail"

Data Fields	Format	Source Field	MDR /HIVE Field Name	Transformation Logic
MTF Provides Mammo Flag	Num	mtf_mammo_flag	mtf_mammo_flag	No transformation. This data element is located in a subfolder called “BCS Detail”
Benchmark Link	\$10	sub_measure	sub_measure	This field is not visible in M2.

VIII. M2 Appended Fields

The M2 Cancer Screening table as viewed in M2 contains some inferred fields. The table below lists these fields and the rules to use to apply them. These fields should be looked up as users select them in queries rather than imbedded in the data table itself.

Data Element	Format	M2/M2 Analytics Field Name	Transformation
25 th Percentile Benchmark – Strata	5.4		Derive this detail object based on a merge to the Benchmark Table where the version, measure number and sub_measure match. Display the noted percentile benchmark w/o aggregating it.
50 th Percentile Benchmark – Strata	5.4		Derive this detail object based on a merge to the Benchmark Table where the version, measure number and sub_measure match. Display the noted percentile benchmark w/o aggregating it.
75 th Percentile Benchmark – Strata	5.4		Derive this detail object based on a merge to the Benchmark Table where the version, measure number and sub_measure match. Display the noted percentile benchmark w/o aggregating it.
90 th Percentile Benchmark – Strata	5.4		Derive this detail object based on a merge to the Benchmark Table where the version, measure number and sub_measure match. Display the noted percentile benchmark w/o aggregating it.
95% Percentile Benchmark - Strata	5.4		Derive this detail object based on a merge to the Benchmark Table where the version, measure number and sub_measure match. Display the noted percentile benchmark w/o aggregating it.

Data Element	Format	M2/M2 Analytics Field Name	Transformation
25 th Percentile Benchmark – Total	5.4		Derive this detail object based on a merge to the Benchmark Table where the version, measure number where sub_measure = 'TOTAL'. Display the noted percentile benchmark w/o aggregating it.
50 th Percentile Benchmark – Total			Derive this detail object based on a merge to the Benchmark Table where the version, measure number where sub_measure = 'TOTAL'. Display the noted percentile benchmark w/o aggregating it.
75 th Percentile Benchmark – Total			Derive this detail object based on a merge to the Benchmark Table where the version, measure number where sub_measure = 'TOTAL'. Display the noted percentile benchmark w/o aggregating it.
90 th Percentile Benchmark - Total			Derive this detail object based on a merge to the Benchmark Table where the version, measure number where sub_measure = 'TOTAL'. Display the noted percentile benchmark w/o aggregating it.
95% Percentile Benchmark - Total			Derive this detail object based on a merge to the Benchmark Table where the version, measure number where sub_measure = 'TOTAL'. Display the noted percentile benchmark w/o aggregating it.

Appendix A: Benchmark Table Layout

Data Fields	Format	Source Field	MDR /HIVE Field Name	Transformation Logic
Measure Family	\$4	measure_fam	measure_fam	No transformation
Measure Abbreviation	\$5	measure	measure	No transformation
Measure Version	\$6	version	version	No transformation
NCQA MY	\$6	ncqa_my	ncqa_my	No transformation
ML Number (Parent)	Num	ml_parent	ml_parent	No transformation
ML Number (Child)	Num	ml	ml	No transformation
Sub Measure	\$10	sub_measure	sub_measure	No transformation
Average Rate	5.4	avg_rate	avg_rate	No transformation
5 th Percentile	5.4	percentile_5th	percentile_5th	No transformation
10 th Percentile	5.4	percentile_10th	percentile_10th	No transformation
25 th Percentile	5.4	percentile_25th	percentile_25th	No transformation
33 rd Percentile	5.4	percentile_33 rd	percentile_33 rd	No transformation
50 th Percentile	5.4	percentile_50th	percentile_50th	No transformation
66 th Percentile	5.4	percentile_66th	percentile_66th	No transformation
75 th Percentile	5.4	percentile_75th	percentile_75th	No transformation
90 th Percentile	5.4	percentile_90th	percentile_90th	No transformation
95 th Percentile	5.4	percentile_95th	percentile_95th	No transformation