Market Area Table
for the MHS Mart (M2)
(Version 1.04.01)

Current Specification

Revision History

Version	Date	Para/Tbl/Fig	Originator	Description of Change
1.00.00	05/23/2006	• Whole document	W. Funk	• Initial versioning.
1.01.00	09/24/2013	• Table 1 • Table B	J. MacLeod	• Replaced the Region (r_world) variable with the T3 Region (t3_reg) • Renamed Table B to Table 2 • In table 2 & footnote 2, changed "Beneficiary Region" to "T3 Region"
1.01.01	8/6/2014	• Table 2	W. Funk	• Changed a label
1.02.00	08/17/2017	• Table 1 • Table 2	J. MacLeod	• Added the T17 Region
1.03.00	9/11/2017	• Table 2	J. MacLeod	• Added direction to hide the HSSC and T3 regions
1.03.01	11/26/2017	• Table 1 and 2	W. Funk	• Hide BPA Catchment Areas and HSSC Region
1.04.00	12/07/2018	• Table 1	J. MacLeod	• Added city, state, and county name
1.04.01	12/11/2018	• Revision history • Table 1	J. MacLeod	• Fixed typo in the county field name

Market Area Table for the MHS Mart (M2)

(Extract from the MDR Omni Catchment Area Directory (CAD))

I. <u>File format</u>: Regardless of the length specified, all fields are variable length and delimited by "|". A null field will appear as consecutive delimiters "|" (e.g.; "||").

II. <u>Record Selection</u>:   All records are selected from the MDR Omni-CAD for the current month; on a monthly basis.

III. <u>Refresh Batches</u>:   Should any updates be performed on previous months, a full-file refresh will be provided to the M2.

IV. <u>M2-Inferred Fields</u>: The Market Area table as viewed in the M2 includes multiple fields that are not in the feed. These fields result from "joins" to other tables. M2-inferred fields include:

- DMIS ID Attributes, applied according to the M2 DMIS ID Index Table Specification. The particular fields that are added to the market table based on this specification include: Catchment Area Name, PRISM Area Name, MTF Service Area Name, Catchment Area Region, Catchment Area Military Service, Catchment Area Command, BPA Catchment Area Military Service, BPA Catchment Area Command, PRISM Area Military Service and PRISM Area Command.
- Row Count: an enumeration of the record count returned in individual user queries.

V. <u>Field Transformations in MDR when preparing M2 Market Table extract</u>: To create the M2 extract, the MDR Omni-CAD files are restructured such that each row represents a unique zip code, sponsor service, FY and FM[1]. Individual field transformations are described in Table 1.

VI. <u>File Layout</u>: The file layout provided to M2 is described in table 1.

Table 1: File Layout and Transformation Rules to Prepare the Feed to go to M2

M2 Object Name	Format	MDR Variable	M2 Derivation
Zip5	$5	patzip	No transformation.
Zip9	$9	Derived from patzip	Hidden in the M2. Derived ZIP Code Digit with '0000' appended to the end of each zip5 field. (i.e.; 220410000)
Sponsor Service	$1	Derived from variable name: a_catch, f_catch, n_catch, o_catch	Populate branch of service based on column header for each individual row in the MDR Omni-CAD. A_CATCH (Army) = A F_CATCH (Air Force) = F N_CATCH (Navy) = N O_CATCH (Other service) = O
Catchment Area ID	$4	Derived from a_catch, f_catch, n_catch, o_catch	See general transformation information noted above.
T3 Region	$2	t3_reg	Same for every service in a particular ZIP Code, Year, Month combination.

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[1] The MDR Omni-CAD file contains one row per zip code, with columns indicating the particular service-affiliated market areas (e.g. zip code, Army catchment, Navy catchment, etc). The restructuring of these data involves splitting the rows in the MDR Omni-CAD table into 4 distinct rows; with a variable inserted to indicate the service affiliation.

M2 Object Name	Format	MDR Variable	M2 Derivation
FM	$2	N/A	As indicated by file month.
FY	$4	N/A	As indicated by file year
PRISM Catchment Area ID	$4	Derived from a_prism, f_prism, n_prism, o_prism	See general transformation information noted above.
Market Area ID	$3	lamarket	Same value for every service in a particular ZIP Code, Year, Month combination.
BPA Catchment Area ID	$4	Derived from a_bpa, f_bpa, n_bpa, o_bpa	HIDE See general transformation information noted above. Not populated FY06+
HSSC Region	$1	hsscreg	HIDE Same for every service in a particular ZIP Code, Year, Month combination
TRICARE Prime Remote Flag	$1	tprflag	Same value for every service in a particular ZIP Code, Year, Month combination
PRIME Service Area	$3	psaflag	Same value for every service in a particular ZIP Code, Year, Month combination.
MTF Service Area	$4	Derived from a_bpa, f_bpa, n_bpa, o_bpa	See general transformation information noted above. Not populated prior to FY06.
Reserved Field 2	$3	N/A	Blank.
Reserved Field 3	$3	N/A	Blank.
Reserved Field 4	$3	N/A	Blank.
Reserved Field 5	$3	N/A	Blank.
Reserved Field 6	$3	N/A	Blank.
Reserved Field 7	$3	N/A	Blank.
T17 Region	$2	t17_reg	Same for every service in a particular ZIP Code, Year, Month combination.
City	$28	city	Same value for every ZIP Code, Year, Month combination.
State	$2	state	Same value for every ZIP Code, Year, Month combination.
County Name	$25	County	Same value for every ZIP Code, Year, Month combination.

VII.   <u>Application of Market Area Attributes to M2 Tables</u>: In many of the M2 data tables, attributes of ZIP Codes are visible to users, even though in many cases, the attributes are not provided in the individual data feeds to M2. This section describes the standardized variable names and methods for applying Market Area Attributes in M2.

These ZIP Code attributes are made available by joining the Market Area table to the individual data tables in M2, by matching fiscal year, fiscal month, ZIP Code, and sponsor service. Mappings should be built such that the value of "A" and "F" in the Market Table correspond to an "A" and "F", respectively, in the data tables; a value of "N" in the Market Table corresponds to value of "N", "M" or "V". All other sponsor service values

map to "O". Individual M2 data type specifications will describe variations of these rules, in addition to clarifying which sponsor service variable to use as a join basis (when there is more than one to choose from).

Each time a Market Area table feed is provided to the M2, the ZIP Code attributes must be made available to users with the refreshed data. All of the fields described herein are applied to each of the M2 tables with zip code level data, unless specified otherwise in individual specifications for M2 data tables.

The basic attribute types and the fields to use to join the ZIP Code data are described in table 2.

Table 2: ZIP Code Attributes and Business Rules

Variable Name	M2 Market Area Table Field	Join Basis
HSSC Region	HSSC Region	FY, FM, Beneficiary ZIP Code, Sponsor Service – Hide
Beneficiary T3 Region[2]	T3 Region	FY, FM, Beneficiary ZIP Code, Sponsor Service – Hide
TRICARE Prime Remote Flag	TPR Flag	FY, FM, Beneficiary ZIP Code, Sponsor Service
Catchment Area ID	Catchment Area ID	FY, FM, Beneficiary ZIP Code, Sponsor Service
BPA Catchment Area ID	BPA Catchment Area ID	HIDE FY, FM, Beneficiary ZIP Code, Sponsor Service. FY05 and earlier only.
MTF Service Area	MTF Service Area	FY, FM, Beneficiary ZIP Code, Sponsor Service. FY06 and later only.
PRISM Area ID	PRISM Area ID	FY, FM, Beneficiary ZIP Code, Sponsor Service
Pharmacy Catchment Area ID	Pharmacy Catchment Area ID	FY, FM, Pharmacy ZIP Code, Sponsor Service
Pharmacy PRISM Area ID	Pharmacy PRISM Area ID	FY, FM, Pharmacy ZIP Code, Sponsor Service
Pharmacy Market Area ID	Pharmacy Market Area ID	FY, FM, Pharmacy ZIP Code, Sponsor Service
Provider Catchment Area ID	Provider Catchment Area ID	FY, FM, Provider ZIP Code, Sponsor Service
Provider PRISM Area ID	Provider PRISM Area ID	FY, FM, Provider ZIP Code, Sponsor Service
Provider Market Area ID	Provider Market Area ID	FY, FM, Provider ZIP Code, Sponsor Service
Prime Service Area[3]	Prime Service Area	FY, FM, Beneficiary Zip Code, Sponsor Service
Provider Prime Service Area[3]	Prime Service Area	FY, FM, Provider Zip Code, Sponsor Service

VIII.   Refresh Frequency: Updates for the M2 are to be provided monthly.

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[2] T3 Region is applied to M2 tables only when it is not received in the data feed for the table.
[3] Applied only to Institutional and Non-Institutional Tables