Chronic Condition Data Warehouse
Your source for national CMS Medicare and Medicaid research data

Medicare Part D
Medication Therapy Management
Enrollment File
Codebook

August 2018
Version 1.1
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## Revision History

<table>
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<th>Version Number</th>
<th>Description</th>
<th>Author(s)</th>
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<td>05/08/2017</td>
<td>1.0</td>
<td>Initial release of Codebook for PTD MTM file.</td>
<td>Kathy Schneider, Chris Alleman</td>
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<tr>
<td>08/06/2018</td>
<td>1.1</td>
<td>Recoded “other” values consistently over time.</td>
<td>Kathy Schneider, Chris Alleman</td>
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**BENE_ID**

**LABEL:** Encrypted CCW Beneficiary ID

**DESCRIPTION:** The unique CCW identifier for a beneficiary. The CCW assigns a unique beneficiary identification number to each individual who receives Medicare and/or Medicaid, and uses that number to identify an individual’s records in all CCW data files (e.g., Medicare claims, MAX claims, MDS assessment data).

This number does not change during a beneficiary’s lifetime and each number is used only once.

The BENE_ID is specific to the CCW and is not applicable to any other identification system or data source.

**TYPE:** CHAR

**LENGTH:** 15

**SOURCE:** CCW

**VALUES:** -

**COMMENT:** -

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**CMR_DELIVERY_METHOD**

**LABEL:** Comprehensive Medication Review (CMR) delivery method

**DESCRIPTION:** This variable indicates the delivery method for the comprehensive medication review (CMR).

**TYPE:** CHAR

**LENGTH:** 2

**SOURCE:** CMS (HPMS Files)

**VALUES:**
- 01 = Face-to-face
- 02 = Telephone
- 03 = Telehealth consultation (e.g., video-conferencing)
- 99 = Other

Null/missing = beneficiary did not receive a CMR

**COMMENT:** CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).

If more than one CMR is received, this applies to the initial CMR.
CMR_OFFERED

LABEL:  Comprehensive Medication Review (CMR) offered

DESCRIPTION:  This variable indicates whether the beneficiary was offered an annual comprehensive medication review (CMR).

TYPE:  CHAR

LENGTH:  1

SOURCE:  CMS (HPMS Files)

VALUES:  Y = Yes
          N = No

COMMENT:  CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).
**CMR_OFFERED_DT**

**LABEL:** Date Comprehensive Medication Review (CMR) offered

**DESCRIPTION:** This variable is the date of the initial comprehensive medication review (CMR) within the reporting period.

**TYPE:** DATE

**LENGTH:** 9

**SOURCE:** CMS (HPMS Files)

**VALUES:** -

**COMMENT:** CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).
**CMR_PROVIDER**

**LABEL:** Comprehensive Medication Review (CMR) provider type

**DESCRIPTION:** This variable indicates the type of qualified provider who performed the initial comprehensive medication review (CMR)

**TYPE:** CHAR

**LENGTH:** 2

**SOURCE:** CMS (HPMS Files)

**VALUES:**
- 01 = Physician
- 02 = Registered Nurse
- 03 = Licensed Practical Nurse
- 04 = Nurse Practitioner
- 05 = Physician’s Assistant
- 06 = Local Pharmacist
- 07 = LTC Consultant Pharmacist
- 08 = Plan Sponsor Pharmacist
- 09 = Plan Benefit Manager (PBM) Pharmacist
- 10 = MTM Vendor Local Pharmacist
- 11 = MTM Vendor In-house Pharmacist
- 12 = Hospital Pharmacist
- 13 = Pharmacist – other
- 14 = Supervised pharmacy intern (new in 2016)
- 99 = Other

Null/missing = beneficiary did not receive a CMR

**COMMENT:** CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).

If more than one CMR is received, this applies to the initial CMR.
CMR_RECEIVED

LABEL: Comprehensive Medication Review (CMR) received

DESCRIPTION: This variable indicates whether the beneficiary received the annual comprehensive medication review (CMR) with written summary in the CMS standardized format

TYPE: CHAR

LENGTH: 1

SOURCE: CMS (HPMS Files)

VALUES: Y = Yes
N = No

COMMENT: CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).
CMR_RECEIVED_DT1

**LABEL:** Date First Comprehensive Medication Review (CMR) received

**DESCRIPTION:** This variable indicates the date of the initial Comprehensive Medication Review (CMR) with written summary in CMS standardized format was received

**TYPE:** DATE

**LENGTH:** 9

**SOURCE:** CMS (HPMS Files)

**VALUES:** -

**COMMENT:** CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).

This field is only populated if the variable CMR_RECEIVED is "Y" (YES). For 2013-2015, there are fields for five CMR dates, see variables (CMR_RECEIVED_DT1 - CMR_RECEIVED_DT5). Note that for 2016+ there are only two CMR_RECEIVED_DT fields – one for the initial CMR (this field) and one for the last CMR provided (in the CMR_RECEIVED_DT2 field).
CMR_RECEIVED_DT2

LABEL: Date Second Comprehensive Medication Review (CMR) received

DESCRIPTION: This variable indicates the date the second Comprehensive Medication Review (CMR) with written summary in CMS standardized format was received. Note that for 2016+ this is the date of the last CMR review during the year, if more than one CMR was provided.

TYPE: DATE

LENGTH: 9

SOURCE: CMS (HPMS Files)

VALUES: -

COMMENT: CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).

This field is only populated if the variable CMR_RECEIVED_NUM is greater than 1. For 2013-2015, there are fields for five CMR dates, see variables (CMR_RECEIVED_DT1 - CMR_RECEIVED_DT5). Note that for 2016+ there are only two CMR_RECEIVED_DT fields – one for the initial CMR (the field called CMR_RECEIVED_DT1) and one for the final date (this field).
CMR_RECEIVED_DT3

LABEL: Date Third Comprehensive Medication Review (CMR) received

DESCRIPTION: This variable indicates the date the third Comprehensive Medication Review (CMR) with written summary in CMS standardized format was received

TYPE: DATE

LENGTH: 9

SOURCE: CMS (HPMS Files)

VALUES: -

COMMENT: CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).

For 2013 – 2015, this field is only populated if the variable CMR_RECEIVED_NUM is greater than 4. There are fields for five CMR dates, see variables (CMR_RECEIVED_DT1 - CMR_RECEIVED_DT5). Note that for 2016+ there are only two CMR_RECEIVED_DT fields; this field is not available.
**CMR_RECEIVED_DT4**

**LABEL:** Date Fourth Comprehensive Medication Review (CMR) received

**DESCRIPTION:** This variable indicates the date the fourth Comprehensive Medication Review (CMR) with written summary in CMS standardized format was received

**TYPE:** DATE

**LENGTH:** 9

**SOURCE:** CMS (HPMS Files)

**VALUES:** -

**COMMENT:** CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).

For 2013 – 2015, this field is only populated if the variable CMR_RECEIVED_NUM is greater than 4. There are fields for five CMR dates, see variables (CMR_RECEIVED_DT1 - CMR_RECEIVED_DT5). Note that for 2016+ there are only two CMR_RECEIVED_DT fields; this field is not available.
**CMR_RECEIVED_DT5**

**LABEL:** Date Fifth Comprehensive Medication Review (CMR) received

**DESCRIPTION:** This variable indicates the date the fifth Comprehensive Medication Review (CMR) with written summary in CMS standardized format was received

**TYPE:** DATE

**LENGTH:** 9

**SOURCE:** CMS (HPMS Files)

**VALUES:** -

**COMMENT:** CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).

For 2013 – 2015, this field is only populated if the variable CMR_RECEIVED_NUM is greater than 4. There are fields for five CMR dates, see variables (CMR_RECEIVED_DT1 - CMR_RECEIVED_DT5). Note that for 2016+ there are only two CMR_RECEIVED_DT fields; this field is not available.
**CMR RECEIVED NUM**

**LABEL:** Number of Comprehensive Medication Reviews (CMRs) received

**DESCRIPTION:** This variable indicates the number of Comprehensive Medication Reviews (CMRs) with written summary in CMS standardized format the beneficiary received

**TYPE:** NUM

**LENGTH:** 8

**SOURCE:** CMS (HPMS Files)

**VALUES:** 0-XX

**COMMENT:** CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).

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CMR_RECIPIENT

LABEL: Comprehensive Medication Review (CMR) recipient

DESCRIPTION: This variable indicates the recipient of the comprehensive medication review (CMR) interaction and not the recipient of the CMR documentation

TYPE: CHAR

LENGTH: 2

SOURCE: CMS (HPMS Files)

VALUES: 01 = Beneficiary
          02 = Beneficiary’s prescriber
          03 = Caregiver
          99 = Other authorized individual
          Null/missing = beneficiary did not receive a CMR

COMMENT: CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).
COG_IMPAIRED

LABEL: Beneficiary Identified as Cognitively Impaired

DESCRIPTION: This variable indicates if the beneficiary was identified as being cognitively impaired at the time of the CMR offer or delivery

TYPE: CHAR

LENGTH: 1

SOURCE: CMS (HPMS Files)

VALUES: Y = Yes

N = No

U = Unknown

COMMENT: CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).
**CONTRACT_ID**

**LABEL:** Part D Contract Number

**DESCRIPTION:** This variable is the Medicare Part D contract number for the beneficiary’s Medicare Part D plan.

CMS assigns an identifier to each contract that a Part D plan has with CMS.

**TYPE:** CHAR

**LENGTH:** 5

**SOURCE:** CMS (HPMS Files)

**VALUES:** XXXXX

**COMMENT:** -
**DRUG_THER_CHG_NUM**

**LABEL:** Number of drug therapy problem resolutions with prescribers

**DESCRIPTION:** This variable indicates the number of drug therapy problem resolutions with prescribers resulting from recommendations made to beneficiary's prescriber(s) as a result of Medication Therapy Management (MTM) services

**TYPE:** NUM

**LENGTH:** 8

**SOURCE:** CMS (HPMS Files)

**VALUES:** 0-xx

**COMMENT:** CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).
**ENROLLMENT_DT**

**LABEL:** Date of MTM program enrollment  
**DESCRIPTION:** This variable is the date of the Medication Therapy Management (MTM) program enrollment  
**TYPE:** DATE  
**LENGTH:** 9  
**SOURCE:** CMS (HPMS Files)  
**VALUES:** -  
**COMMENT:** CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).
**LTC_ENROLLMENT**

**LABEL:** Long-term care (LTC) facility resident

**DESCRIPTION:** This variable indicates if the beneficiary was a long-term care (LTC) facility resident

**TYPE:** CHAR

**LENGTH:** 1

**SOURCE:** CMS (HPMS Files)

**VALUES:**
- Y = Yes
- N = No
- U = Unknown

**COMMENT:** This field is available only in 2013.

CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).
**OPT_OUT_DT**

**LABEL:** Date of MTM program opt-out

**DESCRIPTION:** This variable is the date the beneficiary opted out of the Medication Therapy Management (MTM) program, if applicable.

**TYPE:** DATE

**LENGTH:** 9

**SOURCE:** CMS (HPMS Files)

**VALUES:** -

**COMMENT:** CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).
OPT_OUT_REASON

LABEL: Reason participant opted-out of MTM program

DESCRIPTION: This variable indicates the reason the participant opted-out of the Medication Therapy Management (MTM) program, if applicable

TYPE: CHAR

LENGTH: 2

SOURCE: CMS (HPMS Files)

VALUES:
- 01 = Death
- 02 = Disenrollment from plan
- 03 = Request from beneficiary
- 99 = Other

Null/missing = beneficiary did not opt-out

COMMENT: CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).

This field is required if there is an opt-out date (field called OPT_OUT_DT).
PRESCRIBER_INTERV_NUM

**LABEL:** Number of drug therapy problem recommendations to prescribers

**DESCRIPTION:** This variable indicates the number of drug therapy problem recommendations made to beneficiary's prescriber(s) as a result of Medication Therapy Management (MTM) services

**TYPE:** NUM

**LENGTH:** 8

**SOURCE:** CMS (HPMS Files)

**VALUES:** 0-xx

**COMMENT:** CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).
**RFRNC_YR**

**LABEL:** Year of Part D Medication Therapy Management (MTM) File

**DESCRIPTION:** Year of Part D Medication Therapy Management (MTM) File. The data files are partitioned into calendar year files.

**TYPE:** NUM

**LENGTH:** 4

**SOURCE:** CMS (HPMS Files)

**VALUES:** 2013 +

**COMMENT:** -
**TARG_CRITERIA_MET**

**LABEL:** Beneficiary Met Targeting criteria  

**DESCRIPTION:** This variable indicates if the beneficiary met the specified targeting criteria for Medication Therapy Management (MTM) per CMS's Part D requirements.

**TYPE:** CHAR  

**LENGTH:** 1  

**SOURCE:** CMS (HPMS Files)  

**VALUES:**  

- Y = Yes  
- N = No  

**COMMENT:** CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).
TARG_CRITERIA_MET_DT

LABEL: Date Part D Targeting Criteria Met

DESCRIPTION: This variable is the date of the beneficiary met the specified targeting criteria for Medication Therapy Management (MTM) per CMS's Part D requirements

TYPE: DATE

LENGTH: 9

SOURCE: CMS (HPMS Files)

VALUES: -

COMMENT: CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).
TARG_MED_REV_NUM

LABEL: Number of targeted medication reviews conducted

DESCRIPTION: This variable indicates the number of targeted medication reviews conducted

TYPE: NUM

LENGTH: 8

SOURCE: CMS (HPMS Files)

VALUES: 0-XXX

COMMENT: CMS created the MTM File from information submitted by Part D plan sponsors to CMS’s Health Plan Management System (HPMS).

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