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# MCT2D Dashboard Release Notes

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## May Data Refresh

May 4, 2023

This document provides information about the data and features included in releases of the MCT2D Dashboard.

### MCT2D Eligible Population

The eligible population is based on patients with Type 2 Diabetes as defined by either of the following:

- Type 2 diabetes diagnosis.
- Most recent clinical A1c  $\geq 6.5$  or claim A1c  $\geq 7$  and not diagnosed with either Type 1 or Type 2 diabetes.
- Diabetes Medication filled within the past six months.

***Exclusion:** Any patient with a history of Type 1 Diabetes diagnosis is excluded from the MCT2D population.*

### Data Includes the Following:

Medical and Prescription Drug Claims as well as PPQC Data have been refreshed. The data included in this refresh are as follows:

- BCBSM and Blue Care Network (BCN) medical claims data from January 1, 2018, through February 28, 2023.
- BCBSM and BCN prescription drug claims data from January 1, 2018, through February 28, 2023.
- Clinical data for HbA1c, BMI, and Weight sourced from MOs and practices participating in the Physician-Payer Quality Collaborative (PPQC) from January 1, 2020, through February 28, 2023.

***Exclusion:** Beginning with the December 15, 2022, release the following data are excluded:*

- Patients less than 18 years old
- HbA1c values  $> 20$

# April Enhancement and Data Refresh

April 11, 2023

This document provides information about the data and features included in releases of the MCT2D Dashboard.

## MCT2D Eligible Population

The eligible population is based on patients with Type 2 Diabetes as defined by either of the following:

- Type 2 diabetes diagnosis.
- Most recent clinical A1c  $\geq 6.5$  or claim A1c  $\geq 7$  and not diagnosed with either Type 1 or Type 2 diabetes.
- Diabetes Medication filled within the past six months.

*Exclusion: Any patient with a history of Type 1 Diabetes diagnosis is excluded from the MCT2D population.*

## Data Includes the Following:

Medical and Prescription Drug Claims as well as PPQC Data have been refreshed. The data included in this refresh are as follows:

- BCBSM and Blue Care Network (BCN) medical claims data from January 1, 2018, through January 31, 2023.
- BCBSM and BCN prescription drug claims data from January 1, 2018, through January 31, 2023.
- Clinical data for HbA1c, BMI, and Weight sourced from MOs and practices participating in the Physician-Payer Quality Collaborative (PPQC) from January 1, 2020, through January 31, 2023.

*Exclusion: Beginning with the December 15, 2022, release the following data are excluded:*

- Patients less than 18 years old
- HbA1c values  $> 20$

## Dashboard Enhancements

1. In the Summary Measures tab, the MCT2D patient population may now be filtered by Cohorts 1 and 2. Cohort 1 includes organizations that joined MCT2D in 2021; Cohort 2 includes organizations that joined in 2022.
2. Patient List download data now includes six additional variables: Pharmacy Coverage, BMI, Weight, PO, Practice, Provider.

# February Data Refresh

February 1, 2023

This document provides information about the data and features included in releases of the MCT2D Dashboard.

## MCT2D Eligible Population

The eligible population is based on patients with Type 2 Diabetes as defined by either of the following:

- Type 2 diabetes diagnosis.
- Most recent clinical A1c  $\geq 6.5$  or claim A1c  $\geq 7$  and not diagnosed with either Type 1 or Type 2 diabetes.
- Diabetes Medication filled within the past six months.

*Exclusion: Any patient with a history of Type 1 Diabetes diagnosis is excluded from the MCT2D population.*

## Data Includes the Following:

Medical and Prescription Drug Claims as well as PPQC Data have been refreshed. The data included in this refresh are as follows:

- BCBSM and Blue Care Network (BCN) medical claims data from January 1, 2018, through November 30, 2022.
- BCBSM and BCN prescription drug claims data from January 1, 2018, through November 30, 2022.
- Clinical data for HbA1c, BMI, and Weight sourced from MOs and practices participating in the Physician-Payer Quality Collaborative (PPQC) from January 1, 2020, through November 30, 2022.

*Exclusion: Beginning with the December 15, 2022, release the following data are excluded:*

- Patients less than 18 years old
- HbA1c values  $> 20$

# December Enhancement and Data Refresh

December 15, 2022

This document provides information about the data and features included in releases of the MCT2D Dashboard.

## MCT2D Eligible Population

The eligible population is based on patients with Type 2 Diabetes as defined by either of the following:

- Type 2 diabetes diagnosis.
- Most recent clinical A1c  $\geq 6.5$  or claim A1c  $\geq 7$  and not diagnosed with either Type 1 or Type 2 diabetes.
- Diabetes Medication filled within the past six months.

*Exclusion: Any patient with a history of Type 1 Diabetes diagnosis is excluded from the MCT2D population.*

## Data Includes the Following:

Medical and Prescription Drug Claims as well as PPQC Data have been refreshed. The data included in this refresh are as follows:

- BCBSM and Blue Care Network (BCN) medical claims data from January 1, 2018, through September 30, 2022.
- BCBSM and BCN prescription drug claims data from January 1, 2018, through September 30, 2022.
- Clinical data for HbA1c, BMI, and Weight sourced from MOs and practices participating in the Physician-Payer Quality Collaborative (PPQC) from January 1, 2020, through September 30, 2022.

*Exclusion: Beginning with the December 15, 2022, release the following data are excluded:*

- Patients less than 18 years old
- HbA1c values  $> 20$

# November Data Refresh

November 10, 2022

This document provides information about the data and features included in releases of the MCT2D Dashboard.

## MCT2D Eligible Population

The eligible population is based on patients with Type 2 Diabetes as defined by either of the following:

- Type 2 diabetes diagnosis.
- Most recent clinical A1c  $\geq 6.5$  or claim A1c  $\geq 7$  and not diagnosed with either Type 1 or Type 2 diabetes.
- Diabetes Medication filled within the past six months.

***Exclusion:** Any patient with a history of Type 1 Diabetes diagnosis is excluded from the MCT2D population.*

## Data Includes the Following:

Medical and Prescription Drug Claims as well as PPQC Data have been refreshed. The data included in this refresh are as follows:

- BCBSM medical claims data from January 1, 2018, through August 31, 2022.
- BCBSM prescription drug claims data from January 1, 2018, through August 31, 2022.
- Clinical data for HbA1c, BMI, and Weight sourced from MOs and practices participating in the Physician-Payer Quality Collaborative (PPQC) from January 1, 2020, through August 31, 2022.

# September Data Refresh and Enhancement

September 27, 2022

This document provides information about the data and features included in releases of the MCT2D Dashboard.

## MCT2D Eligible Population

The eligible population is based on patients with Type 2 Diabetes as defined by either of the following:

- Type 2 diabetes diagnosis in (MDC-Diabetes Type 2 Value Set).
- Most recent clinical A1c  $\geq 6.5$  or claim A1c  $\geq 7$  and not diagnosed with either Type 1 or Type 2 diabetes in (MDC-Diabetes Type 1, MDC-Diabetes Type 2 Value Sets).
- Diabetes Medication in (MDC-Diabetes Medication, Diabetes Medications Value Sets) filled within the past six months.

***Exclusion:** Any patient with a history of Type 1 Diabetes diagnosis is excluded from the MCT2D population.*

## Data Includes the Following:

Medical and Prescription Drug Claims as well as PPQC Data have been refreshed, but no new dates have been included in the MCT2D Dashboard. The data included in this refresh and enhancement remain the same as the August release:

- BCBSM medical claims data from January 1, 2018, through June 30, 2022.
- BCBSM prescription drug claims data from January 1, 2018, through June 30, 2022.
- BCBSM clinical data for HbA1c, BMI, and Weight sourced from MOs and practices participating in the Physician-Payer Quality Collaborative (PPQC) from January 1, 2020, through June 30, 2022.

## Dashboard Enhancements

### Modified Characteristics

Beginning with the September 2022 Data Refresh and Enhancement, the Estimated Glomerular Filtration Rate (eGFR) characteristics were modified to limit results with eGFR calculated values. Records including Current Procedural Terminology (CPT) codes that correspond to eGFR calculated values are no longer reported.

# MCT2D Dashboard Release Notes

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## Summary Measures Dashboard Tab Added

The Summary Measures tab that has been added to the patient data dashboard. Depending on the user's access level, they will be able to compare statistics such as average patient A1Cs and medication prescribing at different organization levels.

Users with practice-level access will be able to compare performance of a provider to that of another provider within the practice, to their PO, the region, or the collaborative's overall. They will also be able to compare their practice's performance to the PO, the region, and the collaborative.

Users with PO-level access will be able to do all the above and compare individual practices within their PO.

Demos of the dashboard will be offered at the regional meetings and will be recorded and made available for viewing at your convenience.

The **Filters** panel on the left includes the following options:

- a. **My Organization** (Selection 1) and **Comparison Organization** (Selection 2). Selections include user's organization (based on access level) and a comparison organization (PO, practice, provider, region, or collaborative).
- b. **Measures.**
  - SGLT2-I or GLP1-RA
  - CGM, with Population Drill-Down
  - A1C
  - BMI
  - CGM Sensor Days, with Population Drill-Down
  - Rx – All, with Rx Drill-Down
  - Rx Coverage
  - Statin
  - Weight (% Annual Change)
  - Weight (Unit Annual Change)
- c. **Graph.** Selections include Bar, Comparison, or Trend graph, with variations depending on type of data displayed.

# August Data Refresh

August 15, 2022

This document provides information about the data and features included in releases of the MCT2D Dashboard.

## MCT2D Eligible Population

The eligible population is based on patients with Type 2 Diabetes as defined by either of the following:

- Type 2 diabetes diagnosis in (MDC-Diabetes Type 2 Value Set).
- Most recent clinical A1c  $\geq 6.5$  or claim A1c  $\geq 7$  and not diagnosed with either Type 1 or Type 2 diabetes in (MDC-Diabetes Type 1, MDC-Diabetes Type 2 Value Sets).
- Diabetes Medication in (MDC-Diabetes Medication, Diabetes Medications Value Sets) filled within the past six months.

*Exclusion: Any patient with a history of Type 1 Diabetes diagnosis is excluded from the MCT2D population.*

## Data Updates Include the Following:

- BCBSM medical claims data from January 1, 2018, through May 31, 2022.
- BCBSM prescription drug claims data from January 1, 2018, through May 31, 2022.
- BCBSM clinical data for HbA1c, BMI, and Weight sourced from MOs and practices participating in the Physician-Payer Quality Collaborative (PPQC) from January 1, 2020, through May 31, 2022.



# Release 3.0

June 17, 2022

This document provides information about the data and features included in releases of the MCT2D Dashboard.

### Data Updates Include the Following:

- BCBSM medical claims data from January 1, 2018, through March 31, 2022.
- BCBSM prescription drug claims data from January 1, 2018, through March 31, 2022.
- BCBSM clinical data for HbA1c, BMI, and Weight sourced from MOs and practices participating in the Physician-Payer Quality Collaborative (PPQC) from January 1, 2020, through March 31, 2022.
- Demographic information (including age, gender, date of birth).
- Patient and provider attribution from the BCBSM March 2022 quarterly provider hierarchy and the BCBSM monthly patient attribution.

### Data Enhancements to the Dashboard Include the Following Additions:

- ACEI: Last fill date of an angiotensin-converting enzyme inhibitors (ACEI).
- ARB: Last fill date of an angiotensin receptor blocker (ARB).
- Estimated Glomerular Filtration Rate (eGFR): Last eGFR service date, result, and LOINC code. **Note:** For United Physicians only, conversations are underway to review eGFR values.
- CGM: Most recent date of any indicator of CGM use. If CGM not present, there is no record of a CGM prescription.
- CGM Sensor Days: number of sensor days in the last 12 months.
- Urine Albumin/Creatinine ratio: last service date and result value.

### Modified Characteristics

- SGLT2-I (Preferred): modified existing SGLT2-I characteristic to identify preferred medications (Canagliflozin, Dapagliflozin, Empagliflozin).
- GLP1-RA (Preferred): modified existing GLP1-RA characteristic to identify preferred medications (Dulaglutide, Liraglutide, Semaglutide).
- CGM: Added medical CPT codes [0446T and 0448T] to identify Eversence.

# MCT2D Dashboard Release Notes

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## Summary of Dashboard Tab Changes

### Patient List Tab and Renal Patient List Tab Filters

The following were added to both Patient and Renal Patient Lists.

- ACEI/ARB filter: based on either ACEI or ARB medication fill date. Medication is active when filled within the last six months.
- Pharmacy Drug Coverage Status filter.
- Modified: SGLT2-I and GLP1-RA filters to include preferred/non-preferred Rx flags.

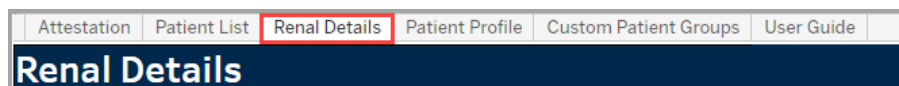
### Patient List Tab Filters

The following were added to the Patient List filters:

- CGM filter based on most recent indicator of CGM use.
- Retinopathy Screen Status filter based on HEDIS definition.

### Renal Details Tab Filters

The Renal Patient List tab was renamed Renal Details.



The following were added to the Renal Details filters:

- Estimated Glomerular Filtration Rate (eGFR) filter.
- Album/Creatinine Ratio filter.

### Patient Profile Tab

The following characteristics, dates, and values were added to the Patient Profile tab:

- CGM Sensor Days: Total CGM prescription sensor days based on brand definitions in the last 12 months.
- ACEI: Last fill date of an angiotensin-converting enzyme inhibitors (ACEI).
- ARB: Last fill date of an angiotensin receptor blocker (ARB).
- SGLT2-I: Modified to highlight when last reported SGLT2-I is a preferred/not-preferred medication.
- GLP1-RA: Modified to highlight when last reported GLP1-RA is a preferred/not-preferred medication.
- Album/Creatinine Ratio: Last service date of reported albumin/creatinine ratio and result value.

# MCT2D Dashboard Release Notes

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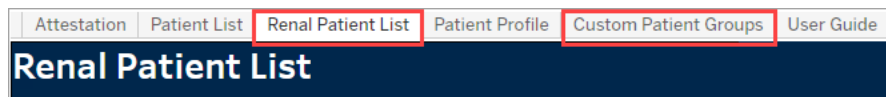
- Estimated Glomerular Filtration Rate (eGFR): Last eGFR service date and result value.

## Release 2.0

March 11, 2022

### Two New Tabs Added to the MCT2D Dashboard:

The Renal Patient List and Custom Patient Groups tabs were added with this release.



### Data Enhancements to the MCT2D Dashboard Include the Following:

#### Patient Profile

Users may search for patients by typing by Lastname, Firstname in the Search bar on the Patient Profile tab. This allows users to switch patients without navigating to the Patient List page.

- Added the following new Release 2 MCT2D characteristics to dashboard:
  - Pharmacy Drug Coverage: flag whether pharmacy eligibility is covered in the last month of the reporting period by a participating payer. Notes when a patient has or does not have BCBSM pharmacy coverage. This feature can be used when considering prescribing a continuous glucose monitor to check if a patient has a pharmacy carve out which would imply different eligibility criteria.
  - New Diabetes Medication Groupings:  $\alpha$ -glucosidase-i; Amylin analog; Glinide; Sulfonylurea; Thiazolidinedione; and DDP4-I inhibitors
  - Blood Pressure w/slide filter
  - Statin w/filter
  - Sulfonylurea w/filter
  - Retinopathy screen flag: notes the last date of a retinopathy screen
- Added additional medications with filter, based on any Diabetes Medication groupings that do not have a filter (Alpha-glucosidase inhibitors, Amylin analogs, DDP-4i, Meglitinides, or Thiazolidinediones).
- Added all medication classes at the patient level.
- Blood pressure: Included in the tool tip and on Patient Profile page.

# MCT2D Dashboard Release Notes

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## Renal patient List

Added Renal Patient List tab to dashboard.

- Hierarchy: MO, Practice, Provider
- Patient Demographics: Patient ID, Patient Name, DOB, Gender, Age
- BMI, Weight
- Type 2 Diagnosis flag

Added the following characteristics with filter:

- Chronic Kidney Disease (CKD) Diagnosis; yes/no flag and filter.
- Nephrologist: last date with yes/no filter.
- HbA1c: last value with slide filter.
- Blood Pressure: last two service date values with slide filter.
- Statin: last date with yes/no flag.
- SGLT2-I Inhibitor: last date with yes/no filter.
- GLP1-RA: last date with yes/no filter.

## Custom Patient Groups

Added Custom Patient Groups tab to dashboard.

- The Patient Profile tab allows users to add patients to several Custom Patient Groups.
- The Custom Patient Groups tab allows users to see which patients they have included in their Follow-Up Patient List.

# January Data Refresh

## ► JANUARY 28, 2022

Data updates include the following:

- BCBSM medical claims data from January 1, 2018, through October 31, 2021.
- BCBSM prescription drug claims data from January 1, 2018, through October 31, 2021.
- BCBSM clinical data for HbA1c, BMI, and Weight sourced from MOs and practices participating in the Physician-Payer Quality Collaborative (PPQC) from January 1, 2020, through July 30, 2021.
- Demographic information (including age, gender, date of birth).

## MCT2D Dashboard Release Notes

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- Patients and provider attribution from the BCBSM quarterly provider hierarchy and the BCBSM monthly patient attribution.

# MCT2D Dashboard Release Notes

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## Release 1.0

► NOVEMBER 1, 2021

MDC is excited to announce that the Michigan Collaborative for Type 2 Diabetes (MCT2D) Dashboard Release 1.0 is available!

The dashboard contains patient-level information including Age, A1C (HbA1c) values, BMI, Weight, and diabetic drug data.

### Data

Release 1.0 contains the following data:

- BCBSM medical claims data from 1/1/2018 to 6/30/2021 and BCBSM Clinical data from 1/1/2020 to 6/30/2021 used to identify criteria defining the Type 2 diabetic patients, such as:
  - Gender
  - Age
  - Date of Birth
  - Type 2 Diabetes Diagnosis
- BCBSM prescription drug claims data from 1/1/2018 to 6/30/2021
  - Prescription drug data is not available for BCBSM employers that carve out the drug benefit to a Pharmacy Benefit Manager (PBM).
  - The drug data includes about 60% of adults with drug coverage through BCBSM.
- BCBSM clinical data from 1/1/2020 to 6/30/2021
  - The data is sourced from Managing Organizations and practices participating in the Physician-Payer Quality Collaborative (PPQC).
  - Data sourced from EHR systems includes A1c values, BMI, and Weight.
  - Patient weights reported in clinical record are not standardized; patient weights can be reported as either ounces or pounds. A patient may have one record in pounds and another weight entry in ounces.
  - The following organizations are not supplying clinical data and will not have this information available:
    - Lakeland Care
    - MidMichigan Collaborative Care Organization (MCCO)
    - Metro Health
    - Physician Healthcare Network
    - Primary Care Partners

### MCT2D Dashboard

The MCT2D dashboard tabs are at the **very top** of the page, in light gray, above the navy-blue bar that reflects the current tab:

## MCT2D Dashboard Release Notes

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- **Attestation.** Users attest that they will use the patient information appropriately and maintain confidentiality of all data.
- **Patient List.** Choose from filters to identify a population of interest.
  - Filter information by Practice, Provider, and Type 2 Diagnosis
  - Displays age and patient names
  - Min/Max selection criteria for patients by Age, A1c values, BMI, and Weight % annual change.
  - Medication filters include Insulin Short-Acting, Insulin Inter-Acting, Insulin Long-Acting, GLP1-RA, SGLT2-I, and Metformin
  - Ability to sort by Type 2 Diabetes Diagnosis, Age, A1c, BMI, and Weight
- **Patient Profile.**
  - Includes patient demographics: Name, Gender, Age, Date of Birth
  - Shows Type 2 Diabetes Diagnosis Status
  - Patient's associated Managing Organization, Practice, and Provider
  - Patient A1c, BMI, and Weight Trends across time (by day, week, month, quarter, and year)
  - Last Rx Fill information
    - Indicates whether there is an Active or Inactive Rx (Active Rx is defined as a med filled within the last 6 months of claims, 6/30/2021)
    - Type of diabetes medications (Rx)
    - Months Since Last Fill Date whether a Continuous Glucose Monitor (CGM) has been prescribed
- **User Guide.** The MCT2D dashboard User Guide tab contains a links to the [MCT2D User Guide](#). The *User Guide* includes descriptions of the dashboard components, instructions for using the features, and detailed information about the data.

**Additional documentation.** The [MCT2D Access and Setup Guide](#) may also be accessed from the [MCT2D CQI Support](#) page of the MDC Website. The *Access and Setup Guide* provides detailed information about the steps that you must complete to access the MCT2D CQI site.