

Our clinical data

Our clinical data feature allows health centers to manage and map their observations with HRSA's measures. It displays the clinical values used to capture data from your health center's source system (often the EHR).

Our clinical data allows you to map your clinical observations to eCQM codes, ensuring accurate patient counts in reports and HRSA submissions. It is important for the health center to maintain the observation mapping contained within this feature to support accurate reporting.

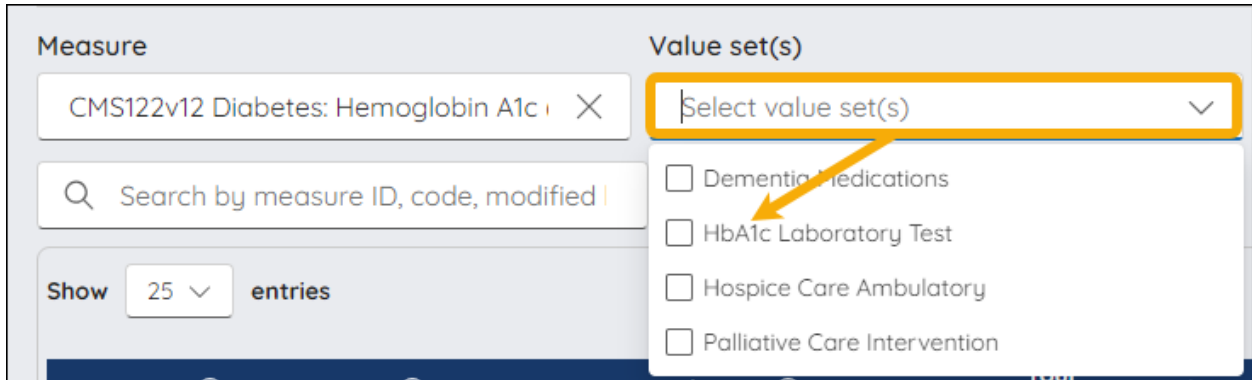
For example, if your health center uses the observation "Colonoscopy" to capture a patient who meets the colorectal cancer screening measures, you would map that in Our clinical data. Likewise, if the patient has a value of "declined" for Colonoscopy, add a declined rule to ensure that a "declined" patient is not counted.

Our clinical data displays the following information:

- **Measure ID:** This refers to the identifier for the eCQM.
- **Measure Title:** This is the full name of the eCQM.
- **Value set:** This refers to the subset of concepts that drive the eCQM.
- **Your observation:** This is the observation from your source system where the clinical data is captured.
- **Rule:** This refers to the value(s) for the observation that drives inclusion into reporting for the eCQM.
- **Mapped code definition:** This is the eCQM bucket the value should fall into for reporting purposes.
- **Code definition:** This provides more information about the eCQM bucket, which this value should count for reporting purposes.
- **Modified by:** This refers to the last user who changed this value. If it has never been edited, the column will display "System_ETL."
- **Modified on:** This is when this value was last edited in Saber Analytics. If it displays "System_ETL," this displays as it was when it was brought over from your source system.

To access and review:

1. Navigate to the **Admin settings**.
2. Click the **Value set mappings** in the navigation menu and click **Our clinical data**.
3. Click the **Measure drop-down menu** to select a measure.
4. Click the **Value set(s)** to select a set(s).



Quick Tip: Click the X to clear the specified Measure and run a new measure search.

5. Or use **Search by** or click the **Active only toggle** to locate the clinical item to review.

A screenshot of a table showing clinical mapping rules. The table has columns for Measure ID, Measure, Value set, Your observation, Rule, Mapped code definition, Code definition, Modified by, and Modified on. The search bar contains 'CMS165'. The table shows two entries for 'Controlling High Blood Pressure' with 'Kidney Transplant' as the value set. The first entry has a rule of 'Number' and a mapped code definition of '175899003'. The second entry has a rule of 'Any Value' and a mapped code definition of '175901007'. The 'Active only' toggle is turned on.

Measure ID	Measure	Value set	Your observation	Rule	Mapped code definition	Code definition	Modified by	Modified on
CMS165v12	Controlling High Blood Pressure	Kidney Transplant	CATARACT	Number	175899003	Autotransplantation of kidney (procedure)	Tom Brawley	12/02/2024, 2:29 PM
CMS165v12	Controlling High Blood Pressure	Kidney Transplant	CATARACT	Any Value	175901007	Live donor renal transplant (procedure)	Catherine Pompei	12/09/2024, 12:52 PM

The **See History** hyperlink is a shortcut to the **Admin changes** audit log. Use it to review the users who edited or deactivated clinical mapping rules.

Adding a New clinical mapping rule

The clinical mapping rule(s) contains a list that allows health centers to identify the observation/code used in their system to capture patients for inclusion or exclusion in an eCQM.

For the 2024 calendar year, HRSA requires only one eCQM to be submitted. Choose one of the following to submit:

- Breast Cancer Screening
- Cervical Cancer Screening
- Colorectal Cancer Screening
- Controlling High Blood Pressure (HRSA recommended measure)
- Diabetes: Hemoglobin A1c (HbA1c) Poor Control (>9.0)

Please refer to the [2024 UDS+ Requirements document](#) from HRSA for more information.

Important Note: These rules must be created one observation at a time.

1. Click the **Value set mappings** and click **Our clinical data**.
2. Click the **New clinical mapping** button.
3. This will open the **New clinical mapping rule(s)** panel.
4. Click the **Select measure drop-down menu**.
5. Click the desired measure from the list.

New clinical mapping rule(s) ✕

This is a list with cascading logic that allows you to identify the observation/code you are using in your system to capture patients for inclusion or exclusion in an eCQM. These rules must be created one observation at a time

Measure

Select measure ▼

- CMS117v12 Childhood Immunization
- CMS122v12 Diabetes: Hemoglobin A1c (HbA1c) Poor Control (> 9%)
- CMS124v12 Cervical Cancer Screening
- CMS125v12 Breast Cancer Screening
- CMS130v12 Colorectal Cancer Screening
- CMS138v12 Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention
- CMS155v12 Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents
- CMS159v12 Depression Remission at Twelve Months
- CMS165v12 Controlling High Blood Pressure
- CMS2v13 Preventive Care and Screening: Screening for Depression and Follow-Up Plan
- CMS347v7 Statin Therapy for the Prevention and Treatment of Cardiovascular Disease
- CMS349v6 HIV Screening

Total ⓘ 0

6. Click the **Value set drop-down menu** and click to select the desired Value set.
7. Use the **drop-down menu** or **enter the text** to search for your health center's observation in **Your observation**.

Measure

CMS122v12 Diabetes: Hemoglobin A1c (HbA1c) Poor Contro ▼

Value set

HbA1c Laboratory Test ▼

Your observation ⓘ

Diabetes ▼

8. Use the **Map to this code and definition drop-down menu** to associate the observation with a specific code and definition.

- Click **+Add rule** to rules to determine which type of values in the observation should be included.



Important Notes:

- A nightly data pull is required to pull the patient clinical data for the observation once it is established as a part of a mapping rule to be available in the draft submission file.
- Some rules are dependent on other rules. For example, “Does not contain” requires “Any value” to be added before it can be added. Please see the below table.

Rules

Create mapping rules below to indicate which type of values in the observation you specified below should be included. For example, perhaps you want any value for PAP SMEAR to be counted unless it contains the word declined or refused, because those patients should not be included in the numerator for that eCQM

Your observation	Operator	Rule	Count	
<input type="text" value="SMOK COMM"/>	<input style="border: none; border-bottom: 1px solid #ccc;" type="text" value="Any value"/> ▾	<input type="text" value="Enter value"/>	<input type="text"/>	
<input type="text" value="SMOK COMM"/>	<input style="border: none; border-bottom: 1px solid #ccc;" type="text" value="Does not contain"/> ▾	<input type="text" value="declined"/>	<input type="text"/>	

+ Add rule Total ⓘ 0

Observation	Rule
Contains	<ul style="list-style-type: none"> Valid with other Contains or Equals. Can use more than one Contains rule. Do not use with Does not contain, Any value, or Number.
Does not contain	<ul style="list-style-type: none"> Any value must be used first. Only valid with Any value and Does not contain. Can use more than one Does not contain rule.
Any value	<ul style="list-style-type: none"> Can be used by itself. Only valid with Does not contain. Do not use with Equals, Contains, or Number.

Equals	<ul style="list-style-type: none"> Valid with other Equals or Contains. Can use more than one Equals rule. Do not use with Does not contain, Any value, or Number.
Number	<ul style="list-style-type: none"> Can use only once. Do not use with Contains, Equals, Does not contain, or Any value.

Rule Notes:

Count: This shows users the number of records in your source system that the rule would count.

Total: This count represents the total number of records in your source system that align with the specified criteria.

10. Click **Save**.

The rule item now displays the Mapped code information.

Workflow Example: The health center needs to add a mapping to associate their clinical observation, CATARACT, used for Controlling High Blood Pressure, with the appropriate Measure ID and Mapped code.

1. Click the **Value set mappings** and click **Our clinical data**.
2. Click the **New clinical mapping** button.
3. Enter the following filter selections and use the **+Add rule** to enter the observation rule.

Filters selections:

- **Measure:** CMS165v12
- **Value Set:** Kidney Transplant
- **Your observation:** CATARACT
- **Map to the code and definition:** 175901007 Live donor renal transplant
- **Observation rules to set:** Any Value

This is a list with cascading logic that allows you to identify the observation/code you are using in your system to capture patients for inclusion or exclusion in an eCQM. These rules must be created one observation at a time

Measure

Controlling High Blood Pressure

Value set

Kidney Transplant

Your observation ⓘ

CATARACT Cataract Present

Mapped code and definition

175901007 Live donor renal transplant (procedure)

Rules

Create mapping rules below to indicate which type of values in the observation you specified below should be included. For example, perhaps you want any value for PAP SMEAR to be counted unless it contains the word declined or refused, because those patients should not be included in the numerator for that eCQM

Your observation

CATARACT

Operator

Any value



Rule

Enter value

Count



+ Add rule

Total ⓘ 0

Save

Preview Count

4. Click **Save**.
5. The CATARACT observation with its mapping and rule now displays in the Our clinical data mappings list.

Our clinical data See history

On this page you see clinical values used to capture data from your source system (often your EHR). You should map your clinical workflows to eCQM codes so your patients get counted correctly when running reports and for submission to HRSA. For example, if you use the observation COLONOSCOPY to capture that a patient meets the colorectal cancer screening measures, you would map that here. But if the patient has a value of "declined" for COLONOSCOPY, you can make sure they don't count.

Measure: CMS165v12 Controlling High Blood Pres Value set(s): Select value set(s)

Show 25 entries Manage columns Active only

Measure ID	Measure	Value set	Your observation	Rule	Mapped code definition	Code definition	Modified by	Modified on
CMS165v12	Controlling High Blood Pressure	Kidney Transplant	CATARACT	Number	175899003	Autotransplantation of kidney (procedure)	Tom Brawley	12/02/2024, 2:29 PM
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Showing 1 to 2 of 2 entries < Prev **1** Next >

Editing a clinical mapping rule

Our clinical data feature enables users to change or remove the mapping once it has been created.

Steps to clear mapping:

1. Navigate to the **Admin settings** page.
2. Click the **Value set mapping** and click **Our clinical data**.
3. Use the **Search** text box to locate the clinical data item.
4. Click the **Rule** hyperlink.

Measure ID	Measure	Value set	Your observation	Rule	Mapped code definition	Code definition	Modified by	Modified on
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Showing 1 to 2 of 2 entries < Prev **1** Next >

5. This opens an edit clinical mapping rule modal.
6. Edit the **Operator** or **Rule** as needed.
 - Use the **Operator drop-down menu** to change the selection.
 - Enter a **Rule** value.

Edit clinical mapping rule(s) ✕

This is a list with cascading logic that allows you to identify the observation/code you are using in your system to capture patients for inclusion or exclusion in an eCQM. These rules must be created one observation at a time

Measure

Controlling High Blood Pressure

Value set

Kidney Transplant

Your observation ⓘ

CATARACT Cataract Present

Mapped code and definition

175901007 Live donor renal transplant (procedure)

Rules

Create mapping rules below to indicate which type of values in the observation you specified below should be included. For example, perhaps you want any value for PAP SMEAR to be counted unless it contains the word declined or refused, because those patients should not be included in the numerator for that eCQM

Your observation	Operator	Rule	Count	
CATARACT	Any value ▼	Enter value		
+ Add rule		Total ⓘ 0		

Edit clinical mapping rule(s)

Save

Deactivate

Preview Count


Rule Notes:

Preview Count: This shows users the number of records in your source system that would be counted by that rule.

Total: This count represents the total number of records in your source system that align with the specified criteria.

- Use the **trash can icon** to remove.

Important Note: You cannot remove any value dependent upon another rule. For example, you cannot remove “Any value” if that mapping contains a rule with “Does not contain.” The following message appears:

A rectangular error message box with a light pink background and a thin black border. It contains a red circular icon with a white exclamation mark on the left, followed by the text "'Does not contain' requires 'any value' rule." data-bbox="142 179 390 194"/>

'Does not contain' requires 'any value' rule.

7. Click **Save**.