# Diabetes with HbA1c In Range

## i4C Indicator CDM-DIAB-003: Diabetes with HbA1c In Range v 2.1
## Category: CDM/Diabetes

**Purpose:**

This indicator is used to identify patients with diabetes whose most recent glycemic control in the last 12 months was in the following ranges:

- HbA1c <= 7%
- 7% < HbA1c <= 8.5%
- HbA1c > 8.5%

**Source**

Based on AFHTO D2D 5.0 v14 Jun 2017 and enhanced for clinician usability within an EMR.

**Base Population:**

All patients with an Active demographic status recorded in the EMR who have a confirmed Diabetes diagnosis through the entry of an appropriate diagnosis code.

**Indicator Segments:**

*HbA1c <= 7%:* Count of patients WITH at least one HbA1c screening result recorded in the past 12 months AND WITH the most recent result value <= 7%.

*7% < HbA1c <= 8.5%*: Count of patients WITH at least one HbA1c screening result recorded in the past 12 months AND WITH the most recent result value between 7% and 8.5%.

*HbA1c > 8.5%:* Count of patients WITH at least one HbA1c screening result recorded in the past 12 months AND WITH the most recent result value > 8.5%.

*HbA1c not done > 12 months:* Count of patients WITHOUT any HbA1c screening results recorded in the last 12 months.

For a complete list of diagnosis codes used to identify Diabetes, see Diabetes Identification (CDM-DIAB-001).

An HbA1c screening is documented as a lab test result received from an external lab through OLIS or another lab interface in the EMR, or entered manually as a lab test result from an external report received.

**Suggested Indicator Use:**

Physician use of this indicator is to review the charts of patients with HbA1c not in control to identify patients who may benefit from a referral for additional diabetes education.