

TX Custom - Rolling Comprehensive Diabetes Care (CDC) LDL-C control (less than 100 mg/dl)

The percentage of members 18–75 years of age with diabetes (type 1 and type 2 indicated in the measurement year or the year prior) whose most recent LDL-C reading was less than 100 mg/dL.

Improvement Notation	Higher score indicates better quality
Denominator	Patients 18–75 years as of the last day of the measurement year who meet the following criteria: At least two outpatient visits (Outpatient Value Set), observation visits (Observation Value Set) or nonacute inpatient encounters (Nonacute Inpatient Value Set) on different dates of service, with a diagnosis of diabetes (Diabetes Value Set). Visit type need not be the same for the two visits OR At least one acute inpatient encounter (Acute Inpatient Value Set) with a diagnosis of diabetes (Diabetes Value Set) OR At least one ED visit (ED Value Set) with a diagnosis of diabetes (Diabetes Value Set).
Numerator	Patients whose most recent LDL-C reading was less than 100 mg/dL.
Exclusions	Identify members who do not have a diagnosis of diabetes (Diabetes Value Set), in any setting, during the measurement year or year prior to the measurement year and who meet either of the following criteria: A diagnosis of polycystic ovaries (Polycystic Ovaries Value Set), in any setting, any time during the member's history through the last day of the measurement year. A diagnosis of gestational diabetes or steroid-induced diabetes (Gestational or Steroid-Induced Diabetes Value Set), in any setting, during the measurement year or the year prior to the measurement year.
Exceptions	None
Note	

Last updated 01/13/2017

Reference Periods Reference Date 02/12/2017

Base Period	02/12/2016 - 02/12/2017	12 months prior to the reference date
Ever	- 02/12/2017	Any time prior to the reference date
Reporting Period Lookback	02/12/2015 - 02/12/2017	1 year prior to start date of Base Period

For help reading this document, refer to key on last page.

Denominator

AND
Between 18 and 75 years of age on end date of **Base Period** — 02/12/2017

One code indicating the following, on at least 2 different days for **Reporting Period Lookback** — between 02/12/2015 and 02/12/2017

✓ diabetes

See table D1

Happening during same encounter as the following

Happening during same encounter as the following

✓ OFFICE VISIT ✓ OUTPATIENT

See table L1

OR

One code indicating the following for **Reporting Period Lookback** — between 02/12/2015 and 02/12/2017

✓ diabetes

See table D1

Happening during same encounter as the following

Happening during same encounter as the following

✓ Acute Inpatient ✓ ED

See table L2

OR

One code indicating the following for **Reporting Period Lookback** — between 02/12/2015 and 02/12/2017 (drugDateMode=START_DATE)
(orderingMode=OUTPATIENT)

✓ Prescriptions to identify members with Diabetes

See table D2

Numerator

One code indicating the following
✓ Cholesterol [Moles/volume] in Serum or Plasma See table N1

AND

One code indicating the following
✓ Cholesterol in HDL See table N2

AND

One code indicating the following
✓ Triglyceride [Mass/volume] in Serum or Plasma See table N3

AND

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017 (use last recorded date for each) (Observation value=max 99.9)

✓ LDL-C See table N4

OR

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017 (use last recorded date for each)

✓ LDL-C See table N5

AND THEN

C DOES NOT HAPPEN AFTER

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017, at any point after the preceding criteria through 02/12/2017

See table N6

OR

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017, at any point after the preceding criteria through 02/12/2017

See table N4

OR

One code indicating the following

✓ Lipid Panel See table N7

OR

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017

✓ Lipid Panel See table N8

AND

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017 (use last recorded date for each) (Observation value=max 99.9)

✓ LDL-C See table N4

OR

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017 (use last recorded date for each)

✓ LDL-C See table N5

AND THEN

C DOES NOT HAPPEN AFTER

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017, at any point after the preceding criteria

through 02/12/2017

See table N6

OR

One code indicating the following for **Base Period** — between 02/12/2016 and 02/12/2017, at any point after the preceding criteria through 02/12/2017

See table N4

Exclusion

NONE OF THE FOLLOWING

One code indicating the following for **Reporting Period Lookback** — between 02/12/2015 and 02/12/2017

✓ diabetes

See table XCL1

AND

One code indicating the following for **Reporting Period Lookback** — between 02/12/2015 and 02/12/2017

✓ secondary diabetes

See table XCL2

OR

One code indicating the following for **Ever** — any time before 02/12/2017

✓ Polycystic ovaries

See table XCL3

Reference Tables

Linked Encounter Reference Tables

L1	✓ OFFICE VISIT ✓ OUTPATIENT
	Encounter
	Custom Codes
	Encounter: OFFICE_VISIT, Encounter: OUTPATIENT
	Procedure
	CPT
	99201, 99202, 99203, 99204, 99205, 99211, 99212, 99213, 99214, 99215, 99217, 99218, 99219, 99220, 99241, 99242, 99243, 99244, 99245, 99304, 99305, 99306, 99307, 99308, 99309, 99310, 99315, 99316, 99324, 99325, 99326, 99327, 99328, 99334, 99335, 99336, 99337, 99341, 99342, 99343, 99344, 99345, 99347, 99348, 99349, 99350, 99381, 99382, 99383, 99384, 99385, 99386, 99387, 99391, 99392, 99393, 99394, 99395, 99396, 99397, 99401, 99402, 99403, 99404, 99411, 99412, 99420, 99429, 99455, 99456
	HCPCS

L2	✓ Acute Inpatient ✓ ED
	Encounter
	Custom Codes
	Encounter: EMERGENCY
	Procedure
	CPT
	99221, 99222, 99223, 99231, 99232, 99233, 99238, 99239, 99251, 99252, 99253, 99254, 99255, 99281, 99282, 99283, 99284, 99285, 99291

Denominator Reference Tables

D1	✓ diabetes
	Diagnosis
	ICD-9
	250, 250.0, 250.00, 250.01, 250.02, 250.03, 250.1, 250.10, 250.11, 250.12, 250.13, 250.2, 250.20, 250.21, 250.22, 250.23, 250.3, 250.30, 250.31, 250.32, 250.33, 250.4, 250.40, 250.41, 250.42, 250.43, 250.5, 250.50, 250.51, 250.52, 250.53, 250.6, 250.60, 250.61, 250.62, 250.63, 250.7, 250.70, 250.71, 250.72, 250.73, 250.8, 250.80, 250.81, 250.82, 250.83, 250.9, 250.90, 250.91, 250.92, 250.93, 357.2, 362.0, 362.01, 362.02, 362.03, 362.04, 362.05, 362.06, 362.07, 366.41, 648.0, 648.01, 648.02, 648.03, 648.04
D2	✓ Prescriptions to identify members with Diabetes
	Drug
	RxNorm
	1043567, 1043574, 1043582, 106892, 1100706, 1189804, 1189808, 1189827, 1242968, 1243026, 1243033, 1243040, 1243833, 1243843, 1243848, 1312409, 1312416, 1312423, 1368012, 1368020, 1368036, 1368391, 1368398, 1368409, 1368416, 1368423, 1368430, 1368437, 1368444, 1373469, 1373473, 1486977, 1486981, 1534805, 1534822, 153591, 153843, 153845, 1544918, 1545156, 1545159, 1545163, 1545166, 1545664, 1545668, 1652604, 1652646, 1653204, 197495, 197496, 197737, 198292, 198293, 198294, 199149, 199150, 199245, 199246, 199247, 200132, 200256, 200257, 200258, 205828, 205830, 205872, 205875, 205879, 209247, 209248, 213170, 213218, 213219, 213220, 213442, 213485, 213486, 213487, 242120, 245265, 261241, 261242, 261243, 261266, 261267, 261268, 284529, 284530, 285018, 310488, 310489, 310490, 310534, 310536, 310537, 310539, 311026, 311027, 311033, 311036, 311919, 312440, 312441, 314000, 314006, 314142, 315107, 317573, 351859, 351926, 616238, 647237, 647239, 665036, 665040, 665044, 731281, 731457, 731463, 752388, 803194, 847189, 847199, 847201, 847205, 847213, 847232, 847241, 847254, 847261, 847708, 847712, 847716, 847720, 847724, 847913, 847917, 858040, 858044, 861041, 861043, 861045, 861731, 861733, 861736, 861738, 861740, 861742, 861743, 861747, 861748, 861752, 861753, 861757, 861762, 861765, 861771, 861783, 861785, 861789, 861792, 861808, 861818, 861821, 861822, 861824, 865098, 865568, 865571, 865573, 881407, 881409, 881411, 897126, 899993, 900000, 977840, 977842

Numerator Reference Tables

N1	✓ Cholesterol [Moles/volume] in Serum or Plasma
	Observation
	LOINC
	14647-2, 2093-3
N2	✓ Cholesterol in HDL
	Observation
	LOINC
	14646-4, 18263-4, 2085-9, 27340-9, 9830-1
N3	✓ Triglyceride [Mass/volume] in Serum or Plasma
	Observation
	LOINC
	12951-0, 14927-8, 2571-8, 47210-0
N4	✓ LDL-C
	Observation
	LOINC
	12773-8, 13457-7, 13458-5, 13459-3, 16615-7, 16616-5, 17782-4, 18261-8, 18262-6, 2089-1, 2091-7, 22748-8, 35505-7, 39469-2, 39649-2, 43392-0, 43393-8, 43396-1, 43727-7, 46984-1, 46985-8, 46986-6, 47213-4, 48635-7, 49132-4, 49624-0, 49628-1, 54434-6, 55440-211054-4
N5	✓ LDL-C
	Procedure
	CPT
	3048F
N6	Procedure
	CPT
	3048F, 3049F, 3050F
N7	✓ Lipid Panel
	Observation
	LOINC
	24331-1, 57698-3
N8	✓ Lipid Panel
	Procedure
	CPT
	80061, 83700, 83701, 83704, 83721
SNOMED	
104585005, 113079009, 16254007, 22644003	

Exclusions Reference Tables

XCL1	✓ diabetes
	Diagnosis
	ICD-9
	250, 250.0, 250.00, 250.01, 250.02, 250.03, 250.1, 250.10, 250.11, 250.12, 250.13, 250.2, 250.20, 250.21, 250.22, 250.23, 250.3, 250.30, 250.31, 250.32, 250.33, 250.4, 250.40, 250.41, 250.42, 250.43, 250.5, 250.50, 250.51, 250.52, 250.53, 250.6, 250.60, 250.61, 250.62, 250.63, 250.7, 250.70, 250.71, 250.72, 250.73, 250.8, 250.80, 250.81, 250.82, 250.83, 250.9, 250.90, 250.91, 250.92, 250.93, 357.2, 362.0, 362.01, 362.02, 362.03, 362.04, 362.05, 362.06, 362.07, 366.41, 648.0, 648.00, 648.01, 648.02, 648.03, 648.04
XCL2	✓ secondary diabetes
	Diagnosis
	ICD-9
	249, 249.0, 249.00, 249.01, 249.1, 249.10, 249.11, 249.2, 249.20, 249.21, 249.3, 249.30, 249.31, 249.4, 249.40, 249.41, 249.5, 249.50, 249.51, 249.6, 249.60, 249.61, 249.7, 249.70, 249.71, 249.8, 249.80, 249.81, 249.9, 249.90, 249.91, 251.8, 648.8, 648.80, 648.81, 648.82, 648.83, 648.84, 962.0
XCL3	✓ Polycystic ovaries
	Diagnosis
	ICD-9
	256.4

Reference Periods

START	STOP
12:00:01 AM	12:00:00 AM
01/01/2015	02/01/2015

Different criteria in each measure require that records occur during a precise time period. Note that all dates begin at midnight.

Operators

Operators describe what criteria is needed for a measure. They include:

AND

Both criteria above and below the line must be met

OR

Either criteria above or below the line must be met

NONE OF THE FOLLOWING

The criteria following this are negated — they must not have occurred

Expressions

You will encounter certain expressions that denote a specific relationship between criteria. They include:



Linked Encounter

Indicates that the criteria listed above must have occurred during the same encounter as the criteria that immediately follows

AND THEN

 HAPPENS AFTER

Indicates that the criteria must have occurred in a certain sequence. The criteria that follows must have occurred after the criteria listed above

AND THEN

 HAPPENED PREVIOUSLY

Reverse sequence — the criteria that follows must have occurred before the criteria listed above

PLUS

 COUNT INSTANCES

The first criteria specifies what must be on the patient record. The criteria below is then counted for that patient