



# Prevention Quality Indicator 03 (PQI 03) Diabetes Long-Term Complications Admission Rate

## July 2024

### Area-Level Indicator

### Type of Score: Rate

#### Prepared by:

Agency for Healthcare Research and Quality

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[qualityindicators.ahrq.gov](https://qualityindicators.ahrq.gov)

#### DESCRIPTION

Hospitalizations for a principal diagnosis of diabetes with long-term complications (renal, eye, neurological, circulatory, other specified, or unspecified) per 100,000 population, ages 18 years and older. Excludes obstetric hospitalizations and transfers from other institutions.

*[NOTE: The software provides the rate per population. However, common practice reports the measure as per 100,000 population. The user must multiply the rate obtained from the software by 100,000 to report hospitalizations per 100,000 population.]*

#### NUMERATOR

Hospital discharges, for patients ages 18 years and older, with a principal ICD-10-CM diagnosis code for diabetes with long-term complications (renal, eye, neurological, circulatory, other specified, or unspecified) (*ACDIALD\**).

*[NOTE: Obstetric discharges are not included in the PQI rate for PQI 03, though the AHRQ QI software does not explicitly exclude obstetric cases. By definition, discharges with a principal diagnosis of diabetes with long-term complications exclude obstetric discharges, because the principal diagnosis for an obstetric discharge would identify it as obstetric, and no such diagnoses are included in the set of qualifying diagnoses.]*

## NUMERATOR EXCLUSIONS

Exclude discharges:

- with admission source for transferred from a different hospital or other health care facility (*Appendix A*) (UB04 Admission source - 2, 3)
- with a point of origin code for transfer from a hospital, skilled nursing facility (SNF) or intermediate care facility (ICF), or other healthcare facility (*Appendix A*) (UB04 Point of Origin - 4, 5, 6)
- with an ungroupable DRG (DRG=999)
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing), principal diagnosis (DX1=missing), or county (PSTCO=missing)

### [Appendix A - Admission Codes for Transfers](#)

## DENOMINATOR

Population ages 18 years and older in metropolitan area<sup>1</sup> or county. Discharges in the numerator are assigned to the denominator based on the metropolitan area or county of the patient residence, not the metropolitan area or county where the hospital discharge occurred.

<sup>1</sup> The term “metropolitan area” (MA) was adopted by the U.S. Census in 1990 and referred collectively to metropolitan statistical areas (MSAs), consolidated metropolitan statistical areas (CMSAs), and primary metropolitan statistical areas (PMSAs). In addition, “area” could refer to either 1) FIPS county, 2) modified FIPS county, 3) 1999 OMB Metropolitan Statistical Area, or 4) 2003 OMB Metropolitan Statistical Area. Micropolitan Statistical Areas are not used in the AHRQ QI software.

\* See below for code list

***Diabetes with long-term complications diagnosis codes: (ACDIALD)***

E1021	Type 1 diabetes mellitus with diabetic nephropathy	E113529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, Unspecified eye
E1022	Type 1 diabetes mellitus with diabetic chronic kidney disease	E113531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
E1029	Type 1 diabetes mellitus with Other diabetic kidney complication	E113532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye
E10311	Type 1 diabetes mellitus with Unspecified diabetic retinopathy with macular edema	E113533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E10319	Type 1 diabetes mellitus with Unspecified diabetic retinopathy without macular edema	E113539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, Unspecified eye
E10321	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	E113541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
E103211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	E113542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
E103212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	E113543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E103213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	E113549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, Unspecified eye

***Diabetes with long-term complications diagnosis codes: (ACDIALD)***

E103219	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, Unspecified eye	E113551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye
E10329	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	E113552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye
E103291	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	E113553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
E103292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	E113559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, Unspecified eye
E103293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	E11359	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema
E103299	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, Unspecified eye	E113591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
E10331	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	E113592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
E103311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	E113593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E103312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	E113599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, Unspecified eye
E103313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	E1136	Type 2 diabetes mellitus with diabetic cataract
E103319	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, Unspecified eye	E1137X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye

***Diabetes with long-term complications diagnosis codes: (ACDIALD)***

E10339	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	E1137X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye
E103391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	E1137X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral
E103392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	E1137X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, Unspecified eye
E103393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	E1139	Type 2 diabetes mellitus with Other diabetic ophthalmic complication
E103399	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, Unspecified eye	E1140	Type 2 diabetes mellitus with diabetic neuropathy, Unspecified
E10341	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	E1141	Type 2 diabetes mellitus with diabetic mononeuropathy
E103411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	E1142	Type 2 diabetes mellitus with diabetic polyneuropathy
E103412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	E1143	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy
E103413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	E1144	Type 2 diabetes mellitus with diabetic amyotrophy
E103419	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, Unspecified eye	E1149	Type 2 diabetes mellitus with Other diabetic neurological complication
E10349	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	E1151	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene

***Diabetes with long-term complications diagnosis codes: (ACDIALD)***

E103491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	E1152	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E103492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	E1159	Type 2 diabetes mellitus with Other circulatory complications
E103493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	E11610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy
E103499	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, Unspecified eye	E11618	Type 2 diabetes mellitus with Other diabetic arthropathy
E10351	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema	E11620	Type 2 diabetes mellitus with diabetic dermatitis
E103511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	E11621	Type 2 diabetes mellitus with foot ulcer
E103512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	E11622	Type 2 diabetes mellitus with Other skin ulcer
E103513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	E11628	Type 2 diabetes mellitus with Other skin complications
E103519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, Unspecified eye	E11630	Type 2 diabetes mellitus with periodontal disease
E103521	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	E11638	Type 2 diabetes mellitus with Other oral complications
E103522	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	E1169	Type 2 diabetes mellitus with Other specified complication
E103523	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	E118	Type 2 diabetes mellitus with Unspecified complications

***Diabetes with long-term complications diagnosis codes: (ACDIALD)***

E103529	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, Unspecified eye	E1321	Other specified diabetes mellitus with diabetic nephropathy
E103531	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	E1322	Other specified diabetes mellitus with diabetic chronic kidney disease
E103532	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	E1329	Other specified diabetes mellitus with Other diabetic kidney complication
E103533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	E13311	Other specified diabetes mellitus with Unspecified diabetic retinopathy with macular edema
E103539	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, Unspecified eye	E13319	Other specified diabetes mellitus with Unspecified diabetic retinopathy without macular edema
E103541	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	E13321	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema
E103542	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	E133211	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
E103543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	E133212	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
E103549	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, Unspecified eye	E133213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral

***Diabetes with long-term complications diagnosis codes: (ACDIALD)***

E103551	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	E133219	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, Unspecified eye
E103552	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	E13329	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema
E103553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	E133291	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye
E103559	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, Unspecified eye	E133292	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
E10359	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema	E133293	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E103591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	E133299	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, Unspecified eye
E103592	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	E13331	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema
E103593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	E133311	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
E103599	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, Unspecified eye	E133312	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye
E1036	Type 1 diabetes mellitus with diabetic cataract	E133313	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E1037X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	E133319	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, Unspecified eye

***Diabetes with long-term complications diagnosis codes: (ACDIALD)***

E1037X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	E13339	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema
E1037X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	E133391	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye
E1037X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, Unspecified eye	E133392	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye
E1039	Type 1 diabetes mellitus with Other diabetic ophthalmic complication	E133393	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E1040	Type 1 diabetes mellitus with diabetic neuropathy, Unspecified	E133399	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, Unspecified eye
E1041	Type 1 diabetes mellitus with diabetic mononeuropathy	E13341	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema
E1042	Type 1 diabetes mellitus with diabetic polyneuropathy	E133411	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
E1043	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy	E133412	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
E1044	Type 1 diabetes mellitus with diabetic amyotrophy	E133413	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E1049	Type 1 diabetes mellitus with Other diabetic neurological complication	E133419	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, Unspecified eye
E1051	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	E13349	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema

***Diabetes with long-term complications diagnosis codes: (ACDIALD)***

E1052	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene	E133491	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
E1059	Type 1 diabetes mellitus with Other circulatory complications	E133492	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye
E10610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy	E133493	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E10618	Type 1 diabetes mellitus with Other diabetic arthropathy	E133499	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, Unspecified eye
E10620	Type 1 diabetes mellitus with diabetic dermatitis	E13351	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema
E10621	Type 1 diabetes mellitus with foot ulcer	E133511	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye
E10622	Type 1 diabetes mellitus with Other skin ulcer	E133512	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye
E10628	Type 1 diabetes mellitus with Other skin complications	E133513	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E10630	Type 1 diabetes mellitus with periodontal disease	E133519	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, Unspecified eye
E10638	Type 1 diabetes mellitus with Other oral complications	E133521	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye

***Diabetes with long-term complications diagnosis codes: (ACDIALD)***

E1069	Type 1 diabetes mellitus with Other specified complication	E133522	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye
E108	Type 1 diabetes mellitus with Unspecified complications	E133523	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
E1121	Type 2 diabetes mellitus with diabetic nephropathy	E133529	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, Unspecified eye
E1122	Type 2 diabetes mellitus with diabetic chronic kidney disease	E133531	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
E1129	Type 2 diabetes mellitus with Other diabetic kidney complication	E133532	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye
E11311	Type 2 diabetes mellitus with Unspecified diabetic retinopathy with macular edema	E133533	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E11319	Type 2 diabetes mellitus with Unspecified diabetic retinopathy without macular edema	E133539	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, Unspecified eye
E11321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	E133541	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye

***Diabetes with long-term complications diagnosis codes: (ACDIALD)***

E113211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	E133542	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
E113212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	E133543	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E113213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	E133549	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, Unspecified eye
E113219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, Unspecified eye	E133551	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye
E11329	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	E133552	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye
E113291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	E133553	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
E113292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	E133559	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, Unspecified eye
E113293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	E13359	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema
E113299	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, Unspecified eye	E133591	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye

***Diabetes with long-term complications diagnosis codes: (ACDIALD)***

E11331	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	E133592	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
E113311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	E133593	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E113312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	E133599	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, Unspecified eye
E113313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	E1336	Other specified diabetes mellitus with diabetic cataract
E113319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, Unspecified eye	E1337X1	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, right eye
E11339	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	E1337X2	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, left eye
E113391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	E1337X3	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral
E113392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	E1337X9	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, Unspecified eye
E113393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	E1339	Other specified diabetes mellitus with Other diabetic ophthalmic complication
E113399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, Unspecified eye	E1340	Other specified diabetes mellitus with diabetic neuropathy, Unspecified
E11341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	E1341	Other specified diabetes mellitus with diabetic mononeuropathy

***Diabetes with long-term complications diagnosis codes: (ACDIALD)***

E113411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	E1342	Other specified diabetes mellitus with diabetic polyneuropathy
E113412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	E1343	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy
E113413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	E1344	Other specified diabetes mellitus with diabetic amyotrophy
E113419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, Unspecified eye	E1349	Other specified diabetes mellitus with Other diabetic neurological complication
E11349	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	E1351	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene
E113491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	E1352	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene
E113492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	E1359	Other specified diabetes mellitus with Other circulatory complications
E113493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	E13610	Other specified diabetes mellitus with diabetic neuropathic arthropathy
E113499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, Unspecified eye	E13618	Other specified diabetes mellitus with Other diabetic arthropathy
E11351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema	E13620	Other specified diabetes mellitus with diabetic dermatitis
E113511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	E13621	Other specified diabetes mellitus with foot ulcer
E113512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	E13622	Other specified diabetes mellitus with Other skin ulcer

***Diabetes with long-term complications diagnosis codes: (ACDIALD)***

E113513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	E13628	Other specified diabetes mellitus with Other skin complications
E113519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, Unspecified eye	E13630	Other specified diabetes mellitus with periodontal disease
E113521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	E13638	Other specified diabetes mellitus with Other oral complications
E113522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	E1369	Other specified diabetes mellitus with Other specified complication
E113523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	E138	Other specified diabetes mellitus with Unspecified complications