

# **Prevention Quality Indicator 16 (PQI 16) Lower-Extremity Amputation Among Patients with Diabetes Rate July 2020 Area-Level Indicator Type of Score: Rate**

## **Prepared by:**

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U.S. Department of Health and Human Services

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## **DESCRIPTION**

Admissions for any-listed diagnosis of diabetes and any-listed procedure of lower-extremity amputation (except toe amputations) per 100,000 population, ages 18 years and older. Excludes any-listed diagnosis of traumatic lower-extremity amputation admissions, obstetric admissions, 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 admissions per 100,000 population.]*

## **NUMERATOR**

Discharges, for patients ages 18 years and older, with any-listed ICD-10-PCS procedure codes for lower-extremity amputation (**ACSLEAP**\*) and any-listed ICD-10-CM diagnosis codes for diabetes (**ACSLEAD**\*).

## NUMERATOR EXCLUSIONS

Exclude cases:

- with any-listed ICD-10-CM diagnosis codes for traumatic amputation of the lower extremity (**ACLEA2D** \*)
- 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 a major diagnostic category for pregnancy, childbirth and puerperium, (MDC 14)
- 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 of the hospital where the discharge occurred.<sup>2</sup>

<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 QI software.

<sup>2</sup> The previous version of this indicator allowed the denominator to be specified with the diabetic population only and calculated with the SAS QI software through the condition-specific denominator at the state-level feature. However, the disease-specific denominator file has been temporarily removed from the software for further review and refinement.

\* See below for code list

***Lower-extremity amputation procedure codes: (ACSLEAP)***

0Y620ZZ	Detachment at right hindquarter, open approach	0Y6M0Z5	Detachment at right foot, complete 2nd ray, open approach
0Y630ZZ	Detachment at left hindquarter, open approach	0Y6M0Z6	Detachment at right foot, complete 3rd ray, open approach
0Y640ZZ	Detachment at bilateral hindquarter, open approach	0Y6M0Z7	Detachment at right foot, complete 4th ray, open approach
0Y670ZZ	Detachment at right femoral region, open approach	0Y6M0Z8	Detachment at right foot, complete 5th ray, open approach
0Y680ZZ	Detachment at left femoral region, open approach	0Y6M0Z9	Detachment at right foot, partial 1st ray, open approach
0Y6C0Z1	Detachment at right upper leg, high, open approach	0Y6M0ZB	Detachment at right foot, partial 2nd ray, open approach
0Y6C0Z2	Detachment at right upper leg, mid, open approach	0Y6M0ZC	Detachment at right foot, partial 3rd ray, open approach
0Y6C0Z3	Detachment at right upper leg, low, open approach	0Y6M0ZD	Detachment at right foot, partial 4th ray, open approach
0Y6D0Z1	Detachment at left upper leg, high, open approach	0Y6M0ZF	Detachment at right foot, partial 5th ray, open approach
0Y6D0Z2	Detachment at left upper leg, mid, open approach	0Y6N0Z0	Detachment at left foot, complete, open approach
0Y6D0Z3	Detachment at left upper leg, low, open approach	0Y6N0Z4	Detachment at left foot, complete 1st ray, open approach
0Y6F0ZZ	Detachment at right knee region, open approach	0Y6N0Z5	Detachment at left foot, complete 2nd ray, open approach
0Y6G0ZZ	Detachment at left knee region, open approach	0Y6N0Z6	Detachment at left foot, complete 3rd ray, open approach
0Y6H0Z1	Detachment at right lower leg, high, open approach	0Y6N0Z7	Detachment at left foot, complete 4th ray, open approach
0Y6H0Z2	Detachment at right lower leg, mid, open approach	0Y6N0Z8	Detachment at left foot, complete 5th ray, open approach
0Y6H0Z3	Detachment at right lower leg, low, open approach	0Y6N0Z9	Detachment at left foot, partial 1st ray, open approach
0Y6J0Z1	Detachment at left lower leg, high, open approach	0Y6N0ZB	Detachment at left foot, partial 2nd ray, open approach
0Y6J0Z2	Detachment at left lower leg, mid, open approach	0Y6N0ZC	Detachment at left foot, partial 3rd ray, open approach
0Y6J0Z3	Detachment at left lower leg, low, open approach	0Y6N0ZD	Detachment at left foot, partial 4th ray, open approach
0Y6M0Z0	Detachment at right foot, complete, open approach	0Y6N0ZF	Detachment at left foot, partial 5th ray, open approach
0Y6M0Z4	Detachment at right foot, complete 1st ray, open approach		

***Diabetes diagnosis codes: (ACSLEAD)***

E1010	Type 1 diabetes mellitus with ketoacidosis without coma	E113531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
E1011	Type 1 diabetes mellitus with ketoacidosis with coma	E113532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye
E1021	Type 1 diabetes mellitus with diabetic nephropathy	E113533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E1022	Type 1 diabetes mellitus with diabetic chronic kidney disease	E113539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye
E1029	Type 1 diabetes mellitus with other diabetic kidney complication	E113541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
E10311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	E113542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
E10319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	E113543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E10321	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	E113549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye
E103211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	E113551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye
E103212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	E113552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye

E103213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	E113553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
E103219	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	E113559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye
E10329	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	E11359	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema
E103291	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	E113591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
E103292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	E113592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
E103293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	E113593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E103299	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	E113599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye
E10331	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	E1136	Type 2 diabetes mellitus with diabetic cataract
E103311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	E1137X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye
E103312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	E1137X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye
E103313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	E1137X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral
E103319	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	E1137X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye
E10339	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	E1139	Type 2 diabetes mellitus with other diabetic ophthalmic complication
E103391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	E1140	Type 2 diabetes mellitus with diabetic neuropathy, unspecified
E103392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	E1141	Type 2 diabetes mellitus with diabetic mononeuropathy

E103393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	E1142	Type 2 diabetes mellitus with diabetic polyneuropathy
E103399	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	E1143	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy
E10341	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	E1144	Type 2 diabetes mellitus with diabetic amyotrophy
E103411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	E1149	Type 2 diabetes mellitus with other diabetic neurological complication
E103412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	E1151	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E103413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	E1152	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E103419	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	E1159	Type 2 diabetes mellitus with other circulatory complications
E10349	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	E11610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy
E103491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	E11618	Type 2 diabetes mellitus with other diabetic arthropathy
E103492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	E11620	Type 2 diabetes mellitus with diabetic dermatitis
E103493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	E11621	Type 2 diabetes mellitus with foot ulcer
E103499	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	E11622	Type 2 diabetes mellitus with other skin ulcer
E10351	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema	E11628	Type 2 diabetes mellitus with other skin complications
E103511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	E11630	Type 2 diabetes mellitus with periodontal disease

E103512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	E11638	Type 2 diabetes mellitus with other oral complications
E103513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	E11641	Type 2 diabetes mellitus with hypoglycemia with coma
E103519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	E11649	Type 2 diabetes mellitus with hypoglycemia without coma
E103521	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	E1165	Type 2 diabetes mellitus with hyperglycemia
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
E103529	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	E119	Type 2 diabetes mellitus without complications
E103531	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	E1300	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (nkhhc)
E103532	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	E1301	Other specified diabetes mellitus with hyperosmolarity with coma
E103533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	E1310	Other specified diabetes mellitus with ketoacidosis without coma
E103539	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	E1311	Other specified diabetes mellitus with ketoacidosis with coma
E103541	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	E1321	Other specified diabetes mellitus with diabetic nephropathy

E103542	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	E1322	Other specified diabetes mellitus with diabetic chronic kidney disease
E103543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	E1329	Other specified diabetes mellitus with other diabetic kidney complication
E103549	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	E13311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema
E103551	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	E13319	Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema
E103552	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	E13321	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema
E103553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	E133211	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
E103559	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	E133212	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
E10359	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema	E133213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E103591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	E133219	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye
E103592	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	E13329	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema
E103593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	E133291	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye



E103599	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	E133292	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
E1036	Type 1 diabetes mellitus with diabetic cataract	E133293	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E1037X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	E133299	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye
E1037X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	E13331	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema
E1037X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	E133311	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
E1037X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	E133312	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye
E1039	Type 1 diabetes mellitus with other diabetic ophthalmic complication	E133313	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E1040	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	E133319	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye
E1041	Type 1 diabetes mellitus with diabetic mononeuropathy	E13339	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema
E1042	Type 1 diabetes mellitus with diabetic polyneuropathy	E133391	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye
E1043	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy	E133392	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye
E1044	Type 1 diabetes mellitus with diabetic amyotrophy	E133393	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral

E1049	Type 1 diabetes mellitus with other diabetic neurological complication	E133399	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye
E1051	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	E13341	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema
E1052	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene	E133411	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
E1059	Type 1 diabetes mellitus with other circulatory complications	E133412	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
E10610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy	E133413	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E10618	Type 1 diabetes mellitus with other diabetic arthropathy	E133419	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye
E10620	Type 1 diabetes mellitus with diabetic dermatitis	E13349	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema
E10621	Type 1 diabetes mellitus with foot ulcer	E133491	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
E10622	Type 1 diabetes mellitus with other skin ulcer	E133492	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye
E10628	Type 1 diabetes mellitus with other skin complications	E133493	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E10630	Type 1 diabetes mellitus with periodontal disease	E133499	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye
E10638	Type 1 diabetes mellitus with other oral complications	E13351	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema

E10641	Type 1 diabetes mellitus with hypoglycemia with coma	E133511	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye
E10649	Type 1 diabetes mellitus with hypoglycemia without coma	E133512	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye
E1065	Type 1 diabetes mellitus with hyperglycemia	E133513	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E1069	Type 1 diabetes mellitus with other specified complication	E133519	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye
E108	Type 1 diabetes mellitus with unspecified complications	E133521	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye
E109	Type 1 diabetes mellitus without complications	E133522	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye
E1100	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (nkhhc)	E133523	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
E1101	Type 2 diabetes mellitus with hyperosmolarity with coma	E133529	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye
E1110	Type 2 diabetes mellitus with ketoacidosis without coma	E133531	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
E1111	Type 2 diabetes mellitus with ketoacidosis with coma	E133532	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye
E1121	Type 2 diabetes mellitus with diabetic nephropathy	E133533	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E1122	Type 2 diabetes mellitus with diabetic chronic kidney disease	E133539	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye

E1129	Type 2 diabetes mellitus with other diabetic kidney complication	E133541	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
E11311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	E133542	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
E11319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	E133543	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E11321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	E133549	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye
E113211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	E133551	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye
E113212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	E133552	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye
E113213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	E133553	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
E113219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	E133559	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye
E11329	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	E13359	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema
E113291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	E133591	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
E113292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	E133592	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
E113293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	E133593	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral

E113299	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	E133599	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye
E11331	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	E1336	Other specified diabetes mellitus with diabetic cataract
E113311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	E1337X1	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, right eye
E113312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	E1337X2	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, left eye
E113313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	E1337X3	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral
E113319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	E1337X9	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye
E11339	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	E1339	Other specified diabetes mellitus with other diabetic ophthalmic complication
E113391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	E1340	Other specified diabetes mellitus with diabetic neuropathy, unspecified
E113392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	E1341	Other specified diabetes mellitus with diabetic mononeuropathy
E113393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	E1342	Other specified diabetes mellitus with diabetic polyneuropathy
E113399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	E1343	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy
E11341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	E1344	Other specified diabetes mellitus with diabetic amyotrophy
E113411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	E1349	Other specified diabetes mellitus with other diabetic neurological complication
E113412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	E1351	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene

E113413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	E1352	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene
E113419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	E1359	Other specified diabetes mellitus with other circulatory complications
E11349	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	E13610	Other specified diabetes mellitus with diabetic neuropathic arthropathy
E113491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	E13618	Other specified diabetes mellitus with other diabetic arthropathy
E113492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	E13620	Other specified diabetes mellitus with diabetic dermatitis
E113493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	E13621	Other specified diabetes mellitus with foot ulcer
E113499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	E13622	Other specified diabetes mellitus with other skin ulcer
E11351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema	E13628	Other specified diabetes mellitus with other skin complications
E113511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	E13630	Other specified diabetes mellitus with periodontal disease
E113512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	E13638	Other specified diabetes mellitus with other oral complications
E113513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	E13641	Other specified diabetes mellitus with hypoglycemia with coma
E113519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	E13649	Other specified diabetes mellitus with hypoglycemia without coma
E113521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	E1365	Other specified diabetes mellitus with hyperglycemia
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
E113529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	E139	Other specified diabetes mellitus without complications

***Traumatic amputation of the lower extremity diagnosis codes: (ACLEA2D)***

S78011A	Complete traumatic amputation at right hip joint, initial encounter	S98011A	Complete traumatic amputation of right foot at ankle level, initial encounter
S78012A	Complete traumatic amputation at left hip joint, initial encounter	S98012A	Complete traumatic amputation of left foot at ankle level, initial encounter
S78019A	Complete traumatic amputation at unspecified hip joint, initial encounter	S98019A	Complete traumatic amputation of unspecified foot at ankle level, initial encounter
S78021A	Partial traumatic amputation at right hip joint, initial encounter	S98021A	Partial traumatic amputation of right foot at ankle level, initial encounter
S78022A	Partial traumatic amputation at left hip joint, initial encounter	S98022A	Partial traumatic amputation of left foot at ankle level, initial encounter
S78029A	Partial traumatic amputation at unspecified hip joint, initial encounter	S98029A	Partial traumatic amputation of unspecified foot at ankle level, initial encounter
S78111A	Complete traumatic amputation at level between right hip and knee, initial encounter	S98111A	Complete traumatic amputation of right great toe, initial encounter
S78112A	Complete traumatic amputation at level between left hip and knee, initial encounter	S98112A	Complete traumatic amputation of left great toe, initial encounter
S78119A	Complete traumatic amputation at level between unspecified hip and knee, initial encounter	S98119A	Complete traumatic amputation of unspecified great toe, initial encounter
S78121A	Partial traumatic amputation at level between right hip and knee, initial encounter	S98121A	Partial traumatic amputation of right great toe, initial encounter
S78122A	Partial traumatic amputation at level between left hip and knee, initial encounter	S98122A	Partial traumatic amputation of left great toe, initial encounter
S78129A	Partial traumatic amputation at level between unspecified hip and knee, initial encounter	S98129A	Partial traumatic amputation of unspecified great toe, initial encounter
S78911A	Complete traumatic amputation of right hip and thigh, level unspecified, initial encounter	S98131A	Complete traumatic amputation of one right lesser toe, initial encounter
S78912A	Complete traumatic amputation of left hip and thigh, level unspecified, initial encounter	S98132A	Complete traumatic amputation of one left lesser toe, initial encounter
S78919A	Complete traumatic amputation of unspecified hip and thigh, level unspecified, initial encounter	S98139A	Complete traumatic amputation of one unspecified lesser toe, initial encounter



S78921A	Partial traumatic amputation of right hip and thigh, level unspecified, initial encounter	S98141A	Partial traumatic amputation of one right lesser toe, initial encounter
S78922A	Partial traumatic amputation of left hip and thigh, level unspecified, initial encounter	S98142A	Partial traumatic amputation of one left lesser toe, initial encounter
S78929A	Partial traumatic amputation of unspecified hip and thigh, level unspecified, initial encounter	S98149A	Partial traumatic amputation of one unspecified lesser toe, initial encounter
S88011A	Complete traumatic amputation at knee level, right lower leg, initial encounter	S98211A	Complete traumatic amputation of two or more right lesser toes, initial encounter
S88012A	Complete traumatic amputation at knee level, left lower leg, initial encounter	S98212A	Complete traumatic amputation of two or more left lesser toes, initial encounter
S88019A	Complete traumatic amputation at knee level, unspecified lower leg, initial encounter	S98219A	Complete traumatic amputation of two or more unspecified lesser toes, initial encounter
S88021A	Partial traumatic amputation at knee level, right lower leg, initial encounter	S98221A	Partial traumatic amputation of two or more right lesser toes, initial encounter
S88022A	Partial traumatic amputation at knee level, left lower leg, initial encounter	S98222A	Partial traumatic amputation of two or more left lesser toes, initial encounter
S88029A	Partial traumatic amputation at knee level, unspecified lower leg, initial encounter	S98229A	Partial traumatic amputation of two or more unspecified lesser toes, initial encounter
S88111A	Complete traumatic amputation at level between knee and ankle, right lower leg, initial encounter	S98311A	Complete traumatic amputation of right midfoot, initial encounter
S88112A	Complete traumatic amputation at level between knee and ankle, left lower leg, initial encounter	S98312A	Complete traumatic amputation of left midfoot, initial encounter
S88119A	Complete traumatic amputation at level between knee and ankle, unspecified lower leg, initial encounter	S98319A	Complete traumatic amputation of unspecified midfoot, initial encounter
S88121A	Partial traumatic amputation at level between knee and ankle, right lower leg, initial encounter	S98321A	Partial traumatic amputation of right midfoot, initial encounter
S88122A	Partial traumatic amputation at level between knee and ankle, left lower leg, initial encounter	S98322A	Partial traumatic amputation of left midfoot, initial encounter
S88129A	Partial traumatic amputation at level between knee and ankle, unspecified lower leg, initial encounter	S98329A	Partial traumatic amputation of unspecified midfoot, initial encounter

S88911A	Complete traumatic amputation of right lower leg, level unspecified, initial encounter	S98911A	Complete traumatic amputation of right foot, level unspecified, initial encounter
S88912A	Complete traumatic amputation of left lower leg, level unspecified, initial encounter	S98912A	Complete traumatic amputation of left foot, level unspecified, initial encounter
S88919A	Complete traumatic amputation of unspecified lower leg, level unspecified, initial encounter	S98919A	Complete traumatic amputation of unspecified foot, level unspecified, initial encounter
S88921A	Partial traumatic amputation of right lower leg, level unspecified, initial encounter	S98921A	Partial traumatic amputation of right foot, level unspecified, initial encounter
S88922A	Partial traumatic amputation of left lower leg, level unspecified, initial encounter	S98922A	Partial traumatic amputation of left foot, level unspecified, initial encounter
S88929A	Partial traumatic amputation of unspecified lower leg, level unspecified, initial encounter	S98929A	Partial traumatic amputation of unspecified foot, level unspecified, initial encounter