



**AHRQ Quality Indicators™ (AHRQ QI™)
ICD-9-CM and ICD-10-CM/PCS
Specification Enhanced Version 5.0**

Prevention Quality Indicators #16 (PQI #16)
Lower-Extremity Amputation
Among Patients with Diabetes Rate

**October 2015
Area-Level Indicator
Type of Score: Rate**

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PQI #16 Lower-Extremity Amputation among Patients with Diabetes Rate

DESCRIPTION

Admissions for any-listed diagnosis of diabetes and any-listed procedure of lower-extremity amputation per 100,000 population, ages 18 years and older. Excludes any-listed diagnosis of traumatic lower-extremity amputation admissions, toe amputation admission (likely to be traumatic), 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.]

PQI #16 Lower-Extremity Amputation among Patients with Diabetes Rate

NUMERATOR

Discharges, for patients ages 18 years and older, with any-listed ICD-9-CM or ICD-10=PCS procedure codes for lower-extremity amputation and any-listed ICD-9-CM or ICD-10-CM diagnosis codes for diabetes.

Lower-extremity amputation procedure codes: (ACSLEAP)

ICD-9-CM	Description	ICD-10-PCS	Description
8410	LOWER LIMB AMPUTAT NOS	0Y620ZZ	Detachment at Right Hindquarter, Open Approach
8412	AMPUTATION THROUGH FOOT	0Y630ZZ	Detachment at Left Hindquarter, Open Approach
8413	DISARTICULATION OF ANKLE	0Y640ZZ	Detachment at Bilateral Hindquarter, Open Approach
8414	AMPUTAT THROUGH MALLEOLI	0Y670ZZ	Detachment at Right Femoral Region, Open Approach
8415	BELOW KNEE AMPUTAT NEC	0Y680ZZ	Detachment at Left Femoral Region, Open Approach
8416	DISARTICULATION OF KNEE	0Y6C0Z1	Detachment at Right Upper Leg, High, Open Approach
8417	ABOVE KNEE AMPUTATION	0Y6C0Z2	Detachment at Right Upper Leg, Mid, Open Approach
8418	DISARTICULATION OF HIP	0Y6C0Z3	Detachment at Right Upper Leg, Low, Open Approach
8419	HINDQUARTER AMPUTATION	0Y6D0Z1	Detachment at Left Upper Leg, High, Open Approach
		0Y6D0Z2	Detachment at Left Upper Leg, Mid, Open Approach
		0Y6D0Z3	Detachment at Left Upper Leg, Low, Open Approach
		0Y6F0ZZ	Detachment at Right Knee Region, Open Approach
		0Y6G0ZZ	Detachment at Left Knee Region, Open Approach
		0Y6H0Z1	Detachment at Right Lower Leg, High, Open Approach
		0Y6H0Z2	Detachment at Right Lower Leg, Mid, Open Approach
		0Y6H0Z3	Detachment at Right Lower Leg, Low, Open Approach
		0Y6J0Z1	Detachment at Left Lower Leg, High, Open Approach
		0Y6J0Z2	Detachment at Left Lower Leg, Mid, Open Approach
		0Y6J0Z3	Detachment at Left Lower Leg, Low, Open Approach
		0Y6M0Z0	Detachment at Right Foot, Complete, Open Approach
		0Y6M0Z4	Detachment at Right Foot, Complete 1st Ray, Open Approach

0Y6M0Z5	Detachment at Right Foot, Complete 2nd Ray, Open Approach
0Y6M0Z6	Detachment at Right Foot, Complete 3rd Ray, Open Approach
0Y6M0Z7	Detachment at Right Foot, Complete 4th Ray, Open Approach
0Y6M0Z8	Detachment at Right Foot, Complete 5th Ray, Open Approach
0Y6M0Z9	Detachment at Right Foot, Partial 1st Ray, Open Approach
0Y6M0ZB	Detachment at Right Foot, Partial 2nd Ray, Open Approach
0Y6M0ZC	Detachment at Right Foot, Partial 3rd Ray, Open Approach
0Y6M0ZD	Detachment at Right Foot, Partial 4th Ray, Open Approach
0Y6M0ZF	Detachment at Right Foot, Partial 5th Ray, Open Approach
0Y6N0Z0	Detachment at Left Foot, Complete, Open Approach
0Y6N0Z4	Detachment at Left Foot, Complete 1st Ray, Open Approach
0Y6N0Z5	Detachment at Left Foot, Complete 2nd Ray, Open Approach
0Y6N0Z6	Detachment at Left Foot, Complete 3rd Ray, Open Approach
0Y6N0Z7	Detachment at Left Foot, Complete 4th Ray, Open Approach
0Y6N0Z8	Detachment at Left Foot, Complete 5th Ray, Open Approach
0Y6N0Z9	Detachment at Left Foot, Partial 1st Ray, Open Approach
0Y6N0ZB	Detachment at Left Foot, Partial 2nd Ray, Open Approach

0Y6N0ZC	Detachment at Left Foot, Partial 3rd Ray, Open Approach
0Y6N0ZD	Detachment at Left Foot, Partial 4th Ray, Open Approach
0Y6N0ZF	Detachment at Left Foot, Partial 5th Ray, Open Approach
0Y6P0Z0	Detachment at Right 1st Toe, Complete, Open Approach
0Y6P0Z1	Detachment at Right 1st Toe, High, Open Approach
0Y6P0Z2	Detachment at Right 1st Toe, Mid, Open Approach
0Y6P0Z3	Detachment at Right 1st Toe, Low, Open Approach
0Y6Q0Z0	Detachment at Left 1st Toe, Complete, Open Approach
0Y6Q0Z1	Detachment at Left 1st Toe, High, Open Approach
0Y6Q0Z2	Detachment at Left 1st Toe, Mid, Open Approach
0Y6Q0Z3	Detachment at Left 1st Toe, Low, Open Approach
0Y6R0Z0	Detachment at Right 2nd Toe, Complete, Open Approach
0Y6R0Z1	Detachment at Right 2nd Toe, High, Open Approach
0Y6R0Z2	Detachment at Right 2nd Toe, Mid, Open Approach
0Y6R0Z3	Detachment at Right 2nd Toe, Low, Open Approach
0Y6S0Z0	Detachment at Left 2nd Toe, Complete, Open Approach
0Y6S0Z1	Detachment at Left 2nd Toe, High, Open Approach
0Y6S0Z2	Detachment at Left 2nd Toe, Mid, Open Approach
0Y6S0Z3	Detachment at Left 2nd Toe, Low, Open Approach
0Y6T0Z0	Detachment at Right 3rd Toe, Complete, Open Approach
0Y6T0Z1	Detachment at Right 3rd Toe, High, Open Approach
0Y6T0Z2	Detachment at Right 3rd Toe, Mid, Open Approach
0Y6T0Z3	Detachment at Right 3rd Toe, Low, Open Approach
0Y6U0Z0	Detachment at Left 3rd Toe, Complete, Open Approach
0Y6U0Z1	Detachment at Left 3rd Toe, High, Open Approach
0Y6U0Z2	Detachment at Left 3rd Toe, Mid, Open Approach
0Y6U0Z3	Detachment at Left 3rd Toe, Low, Open Approach
0Y6V0Z0	Detachment at Right 4th Toe, Complete, Open Approach
0Y6V0Z1	Detachment at Right 4th Toe, High, Open Approach
0Y6V0Z2	Detachment at Right 4th Toe, Mid, Open Approach

0Y6V0Z3	Detachment at Right 4th Toe, Low, Open Approach
0Y6W0Z0	Detachment at Left 4th Toe, Complete, Open Approach
0Y6W0Z1	Detachment at Left 4th Toe, High, Open Approach
0Y6W0Z2	Detachment at Left 4th Toe, Mid, Open Approach
0Y6W0Z3	Detachment at Left 4th Toe, Low, Open Approach
0Y6X0Z0	Detachment at Right 5th Toe, Complete, Open Approach
0Y6X0Z1	Detachment at Right 5th Toe, High, Open Approach
0Y6X0Z2	Detachment at Right 5th Toe, Mid, Open Approach
0Y6X0Z3	Detachment at Right 5th Toe, Low, Open Approach
0Y6Y0Z0	Detachment at Left 5th Toe, Complete, Open Approach
0Y6Y0Z1	Detachment at Left 5th Toe, High, Open Approach
0Y6Y0Z2	Detachment at Left 5th Toe, Mid, Open Approach
0Y6Y0Z3	Detachment at Left 5th Toe, Low, Open Approach

Diabetes diagnosis codes: (ACSLEAD)

ICD-9-CM	Description	ICD-10-CM	Description
25000	DMII WO CMP NT ST UNCNTR	E1010	Type 1 diabetes mellitus with ketoacidosis without coma
25001	DMI WO CMP NT ST UNCNTRL	E1011	Type 1 diabetes mellitus with ketoacidosis with coma
25002	DMII WO CMP UNCNTRLD	E1021	Type 1 diabetes mellitus with diabetic nephropathy
25003	DMI WO CMP UNCNTRLD	E1022	Type 1 diabetes mellitus with diabetic chronic kidney disease
25010	DMII KETO NT ST UNCNTRLD	E1029	Type 1 diabetes mellitus with other diabetic kidney complication
25011	DMI KETO NT ST UNCNTRLD	E10311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema
25012	DMII KETOACD UNCONTROL	E10319	Type 1 diabetes mellitus with unspecified diabetic
25013	DMI KETOACD UNCONTROL	E10321	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema
25020	DMII HPRSM NT ST UNCNTRL	E10329	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema

25021	DMI HPRSM NT ST UNCNRDL	E10331	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema
25022	DMII HPROSMLR UNCONTROL	E10339	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema
25023	DMI HPROSMLR UNCONTROL	E10341	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema
25030	DMII O CM NT ST UNCNRDL	E10349	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema
25031	DMI O CM NT ST UNCNRDL	E10351	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema
25032	DMII OTH COMA UNCONTROL	E10359	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema
25033	DMI OTH COMA UNCONTROL	E1036	Type 1 diabetes mellitus with diabetic cataract
25040	DMII RENL NT ST UNCNRDL	E1039	Type 1 diabetes mellitus with other diabetic ophthalmic complication
25041	DMI RENL NT ST UNCNRDL	E1040	Type 1 diabetes mellitus with diabetic neuropathy, unspecified
25042	DMII RENAL UNCNRDL	E1041	Type 1 diabetes mellitus with diabetic mononeuropathy
25043	DMI RENAL UNCNRDL	E1042	Type 1 diabetes mellitus with diabetic polyneuropathy
25050	DMII OPHTH NT ST UNCNRDL	E1043	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy
25051	DMI OPHTH NT ST UNCNRDL	E1044	Type 1 diabetes mellitus with diabetic amyotrophy
25052	DMII OPHTH UNCNRDL	E1049	Type 1 diabetes mellitus with other diabetic neurological
25053	DMI OPHTH UNCNRDL	E1051	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene
25060	DMII NEURO NT ST UNCNRDL	E1052	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene
25061	DMI NEURO NT ST UNCNRDL	E1059	Type 1 diabetes mellitus with other circulatory complications
25062	DMII NEURO UNCNRDL	E10610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy
25063	DMI NEURO UNCNRDL	E10618	Type 1 diabetes mellitus with other diabetic arthropathy

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25070	DMII CIRC NT ST UNCNRDL	E10620	Type 1 diabetes mellitus with diabetic dermatitis
25071	DMI CIRC NT ST UNCNRDL	E10621	Type 1 diabetes mellitus with foot ulcer
25072	DMII CIRC UNCNRDL	E10622	Type 1 diabetes mellitus with other skin ulcer
25073	DMI CIRC UNCNRDL	E10628	Type 1 diabetes mellitus with other skin complications
25080	DMII OTH NT ST UNCNRDL	E10630	Type 1 diabetes mellitus with periodontal disease
25081	DMI OTH NT ST UNCNRDL	E10638	Type 1 diabetes mellitus with other oral complications
25082	DMII OTH UNCNRDL	E10641	Type 1 diabetes mellitus with hypoglycemia with coma
25083	DMI OTH UNCNRDL	E10649	Type 1 diabetes mellitus with hypoglycemia without coma
25090	DMII UNSPF NT ST UNCNRDL	E1065	Type 1 diabetes mellitus with hyperglycemia
25091	DMI UNSPF NT ST UNCNRDL	E1069	Type 1 diabetes mellitus with other specified complication
25092	DMII UNSPF UNCNRDL	E108	Type 1 diabetes mellitus with unspecified complications
25093	DMI UNSPF UNCNRDL	E109	Type 1 diabetes mellitus without complications
		E1100	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
		E1101	Type 2 diabetes mellitus with hyperosmolarity with coma
		E1121	Type 2 diabetes mellitus with diabetic nephropathy
		E1122	Type 2 diabetes mellitus with diabetic chronic kidney disease
		E1129	Type 2 diabetes mellitus with other diabetic kidney complication
		E11311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema
		E11319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema
		E11321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema
		E11329	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema
		E11331	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema

E11339	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema
E11341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema
E11349	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema
E11351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema
E11359	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema
E1136	Type 2 diabetes mellitus with diabetic cataract
E1139	Type 2 diabetes mellitus with other diabetic ophthalmic complication
E1140	Type 2 diabetes mellitus with diabetic neuropathy, unspecified
E1141	Type 2 diabetes mellitus with diabetic mononeuropathy
E1142	Type 2 diabetes mellitus with diabetic polyneuropathy
E1143	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy
E1144	Type 2 diabetes mellitus with diabetic amyotrophy
E1149	Type 2 diabetes mellitus with other diabetic neurological complication
E1151	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E1152	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E1159	Type 2 diabetes mellitus with other circulatory complications
E11610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy
E11618	Type 2 diabetes mellitus with other diabetic arthropathy
E11620	Type 2 diabetes mellitus with diabetic dermatitis

E11621	Type 2 diabetes mellitus with foot ulcer
E11622	Type 2 diabetes mellitus with other skin ulcer
E11628	Type 2 diabetes mellitus with other skin complications
E11630	Type 2 diabetes mellitus with periodontal disease
E11638	Type 2 diabetes mellitus with other oral complications
E11641	Type 2 diabetes mellitus with hypoglycemia with coma
E11649	Type 2 diabetes mellitus with hypoglycemia without coma
E1165	Type 2 diabetes mellitus with hyperglycemia
E1169	Type 2 diabetes mellitus with other specified complication
E118	Type 2 diabetes mellitus with unspecified complications
E119	Type 2 diabetes mellitus without complications
E1300	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
E1301	Other specified diabetes mellitus with hyperosmolarity with coma
E1310	Other specified diabetes mellitus with ketoacidosis without coma
E1311	Other specified diabetes mellitus with ketoacidosis with coma
E1321	Other specified diabetes mellitus with diabetic nephropathy
E1322	Other specified diabetes mellitus with diabetic chronic kidney disease
E1329	Other specified diabetes mellitus with other diabetic kidney complication
E13311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema
E13319	Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema

E13321	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema
E13329	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema
E13331	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema
E13339	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema
E13341	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema
E13349	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema
E13351	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema
E13359	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema
E1336	Other specified diabetes mellitus with diabetic cataract
E1339	Other specified diabetes mellitus with other diabetic ophthalmic complication
E1340	Other specified diabetes mellitus with diabetic neuropathy, unspecified
E1341	Other specified diabetes mellitus with diabetic mononeuropathy
E1342	Other specified diabetes mellitus with diabetic polyneuropathy

E1343	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy
E1344	Other specified diabetes mellitus with diabetic amyotrophy
E1349	Other specified diabetes mellitus with other diabetic neurological complication
E1351	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene
E1352	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene
E1359	Other specified diabetes mellitus with other circulatory complications
E13610	Other specified diabetes mellitus with diabetic neuropathic arthropathy
E13618	Other specified diabetes mellitus with other diabetic arthropathy
E13620	Other specified diabetes mellitus with diabetic dermatitis
E13621	Other specified diabetes mellitus with foot ulcer
E13622	Other specified diabetes mellitus with other skin ulcer
E13628	Other specified diabetes mellitus with other skin complications
E13630	Other specified diabetes mellitus with periodontal disease
E13638	Other specified diabetes mellitus with other oral complications
E13641	Other specified diabetes mellitus with hypoglycemia with coma
E13649	Other specified diabetes mellitus with hypoglycemia without coma
E1365	Other specified diabetes mellitus with hyperglycemia
E1369	Other specified diabetes mellitus with other specified complication

E138	Other specified diabetes mellitus with unspecified complications
E139	Other specified diabetes mellitus without complications

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NUMERATOR EXCLUSIONS
<p>Exclude cases:</p> <ul style="list-style-type: none"> • with any-listed ICD-9-CM or ICD-10-CM diagnosis codes for traumatic amputation of the lower extremity • with any-listed ICD-9-CM or ICD-10-PCS procedure codes for toe amputation • transfer from a hospital (different facility) • transfer from a Skilled Nursing Facility (SNF) or Intermediate Care Facility (ICF) • transfer from another health care facility • MDC 14 (pregnancy, childbirth, and puerperium) • 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

Traumatic amputation of the lower extremity diagnosis codes: (ACLEA2D)			
ICD-9-CM	Description	ICD-10-CM	Description
8950	AMPUTATION TOE	S78011A	Complete traumatic amputation at right hip joint, initial encounter
8951	AMPUTATION TOE-COMPLICAT	S78012A	Complete traumatic amputation at left hip joint, initial encounter
8960	AMPUTATION FOOT, UNILAT	S78019A	Complete traumatic amputation at unspecified hip joint, initial encounter
8961	AMPUT FOOT, UNILAT-COMPL	S78021A	Partial traumatic amputation at right hip joint, initial encounter
8962	AMPUTATION FOOT, BILAT	S78022A	Partial traumatic amputation at left hip joint, initial encounter
8963	AMPUTAT FOOT, BILAT-COMP	S78029A	Partial traumatic amputation at unspecified hip joint, initial encounter

8970	AMPUT BELOW KNEE, UNILAT	S78111A	Complete traumatic amputation at level between right hip and knee, initial encounter
8971	AMPUTAT BK, UNILAT-COMPL	S78112A	Complete traumatic amputation at level between left hip and knee, initial encounter
8972	AMPUT ABOVE KNEE, UNILAT	S78119A	Complete traumatic amputation at level between unspecified hip and knee, initial encounter
8973	AMPUT ABV KN, UNIL-COMPL	S78121A	Partial traumatic amputation at level between right hip and knee, initial encounter
8974	AMPUTAT LEG, UNILAT NOS	S78122A	Partial traumatic amputation at level between left hip and knee, initial encounter
8975	AMPUT LEG, UNIL NOS-COMP	S78129A	Partial traumatic amputation at level between unspecified hip and knee, initial encounter
8976	AMPUTATION LEG, BILAT	S78911A	Complete traumatic amputation of right hip and thigh, level unspecified, initial encounter
8977	AMPUTAT LEG, BILAT-COMPL	S78912A	Complete traumatic amputation of left hip and thigh, level unspecified, initial encounter
		S78919A	Complete traumatic amputation of unspecified hip and thigh, level unspecified, initial encounter
		S78921A	Partial traumatic amputation of right hip and thigh, level unspecified, initial encounter
		S78922A	Partial traumatic amputation of left hip and thigh, level unspecified, initial encounter
		S78929A	Partial traumatic amputation of unspecified hip and thigh, level unspecified, initial encounter
		S88011A	Complete traumatic amputation at knee level, right lower leg, initial encounter
		S88012A	Complete traumatic amputation at knee level, left lower leg, initial encounter
		S88019A	Complete traumatic amputation at knee level, unspecified lower leg, initial encounter
		S88021A	Partial traumatic amputation at knee level, right lower leg, initial encounter

S88022A	Partial traumatic amputation at knee level, left lower leg, initial encounter
S88029A	Partial traumatic amputation at knee level, unspecified lower leg, initial encounter
S88111A	Complete traumatic amputation at level between knee and ankle, right lower leg, initial encounter
S88112A	Complete traumatic amputation at level between knee and ankle, left lower leg, initial encounter
S88119A	Complete traumatic amputation at level between knee and ankle, unspecified lower leg, initial encounter
S88121A	Partial traumatic amputation at level between knee and ankle, right lower leg, initial encounter
S88122A	Partial traumatic amputation at level between knee and ankle, left lower leg, initial encounter
S88129A	Partial traumatic amputation at level between knee and ankle, unspecified lower leg, initial encounter
S88911A	Complete traumatic amputation of right lower leg, level unspecified, initial encounter
S88912A	Complete traumatic amputation of left lower leg, level unspecified, initial encounter
S88919A	Complete traumatic amputation of unspecified lower leg, level unspecified, initial encounter
S88921A	Partial traumatic amputation of right lower leg, level unspecified, initial encounter
S88922A	Partial traumatic amputation of left lower leg, level unspecified, initial encounter
S88929A	Partial traumatic amputation of unspecified lower leg, level unspecified, initial encounter
S98011A	Complete traumatic amputation of right foot at ankle level, initial encounter
S98012A	Complete traumatic amputation of left foot at ankle level, initial encounter

S98019A	Complete traumatic amputation of unspecified foot at ankle level, initial encounter
S98021A	Partial traumatic amputation of right foot at ankle level, initial encounter
S98022A	Partial traumatic amputation of left foot at ankle level, initial encounter
S98029A	Partial traumatic amputation of unspecified foot at ankle level, initial encounter
S98111A	Complete traumatic amputation of right great toe, initial encounter
S98112A	Complete traumatic amputation of left great toe, initial encounter
S98119A	Complete traumatic amputation of unspecified great toe, initial encounter
S98121A	Partial traumatic amputation of right great toe, initial encounter
S98122A	Partial traumatic amputation of left great toe, initial encounter
S98129A	Partial traumatic amputation of unspecified great toe, initial encounter
S98131A	Complete traumatic amputation of one right lesser toe, initial encounter
S98132A	Complete traumatic amputation of one left lesser toe, initial encounter
S98139A	Complete traumatic amputation of one unspecified lesser toe, initial encounter
S98141A	Partial traumatic amputation of one right lesser toe, initial encounter
S98142A	Partial traumatic amputation of one left lesser toe, initial encounter
S98149A	Partial traumatic amputation of one unspecified lesser toe, initial encounter

S98211A	Complete traumatic amputation of two or more right lesser toes, initial encounter
S98212A	Complete traumatic amputation of two or more left lesser toes, initial encounter
S98219A	Complete traumatic amputation of two or more unspecified lesser toes, initial encounter
S98221A	Partial traumatic amputation of two or more right lesser toes, initial encounter
S98222A	Partial traumatic amputation of two or more left lesser toes, initial encounter
S98229A	Partial traumatic amputation of two or more unspecified lesser toes, initial encounter
S98311A	Complete traumatic amputation of right midfoot, initial encounter
S98312A	Complete traumatic amputation of left midfoot, initial encounter
S98319A	Complete traumatic amputation of unspecified midfoot, initial encounter
S98321A	Partial traumatic amputation of right midfoot, initial encounter
S98322A	Partial traumatic amputation of left midfoot, initial encounter
S98329A	Partial traumatic amputation of unspecified midfoot, initial encounter
S98911A	Complete traumatic amputation of right foot, level unspecified, initial encounter
S98912A	Complete traumatic amputation of left foot, level unspecified, initial encounter
S98919A	Complete traumatic amputation of unspecified foot, level unspecified, initial encounter
S98921A	Partial traumatic amputation of right foot, level unspecified, initial encounter

S98922A Partial traumatic amputation of left foot, level unspecified, initial encounter
 S98929A Partial traumatic amputation of unspecified foot, level unspecified, initial encounter

Toe amputation procedure code: (TOEAMIP)			
ICD-9-CM	Description	ICD-10-PCS	Description
8411	TOE AMPUTAION	0Y6P0Z0	Detachment at Right 1st Toe, Complete, Open Approach
		0Y6P0Z1	Detachment at Right 1st Toe, High, Open Approach
		0Y6P0Z2	Detachment at Right 1st Toe, Mid, Open Approach
		0Y6P0Z3	Detachment at Right 1st Toe, Low, Open Approach
		0Y6Q0Z0	Detachment at Left 1st Toe, Complete, Open Approach
		0Y6Q0Z1	Detachment at Left 1st Toe, High, Open Approach
		0Y6Q0Z2	Detachment at Left 1st Toe, Mid, Open Approach
		0Y6Q0Z3	Detachment at Left 1st Toe, Low, Open Approach
		0Y6R0Z0	Detachment at Right 2nd Toe, Complete, Open Approach
		0Y6R0Z1	Detachment at Right 2nd Toe, High, Open Approach
		0Y6R0Z2	Detachment at Right 2nd Toe, Mid, Open Approach
		0Y6R0Z3	Detachment at Right 2nd Toe, Low, Open Approach
		0Y6S0Z0	Detachment at Left 2nd Toe, Complete, Open Approach
		0Y6S0Z1	Detachment at Left 2nd Toe, High, Open Approach
		0Y6S0Z2	Detachment at Left 2nd Toe, Mid, Open Approach
		0Y6S0Z3	Detachment at Left 2nd Toe, Low, Open Approach
		0Y6T0Z0	Detachment at Right 3rd Toe, Complete, Open Approach
		0Y6T0Z1	Detachment at Right 3rd Toe, High, Open Approach
		0Y6T0Z2	Detachment at Right 3rd Toe, Mid, Open Approach
		0Y6T0Z3	Detachment at Right 3rd Toe, Low, Open Approach
		0Y6U0Z0	Detachment at Left 3rd Toe, Complete, Open Approach
		0Y6U0Z1	Detachment at Left 3rd Toe, High, Open Approach

0Y6U0Z2	Detachment at Left 3rd Toe, Mid, Open Approach
0Y6U0Z3	Detachment at Left 3rd Toe, Low, Open Approach
0Y6V0Z0	Detachment at Right 4th Toe, Complete, Open Approach
0Y6V0Z1	Detachment at Right 4th Toe, High, Open Approach
0Y6V0Z2	Detachment at Right 4th Toe, Mid, Open Approach
0Y6V0Z3	Detachment at Right 4th Toe, Low, Open Approach
0Y6W0Z0	Detachment at Left 4th Toe, Complete, Open Approach
0Y6W0Z1	Detachment at Left 4th Toe, High, Open Approach
0Y6W0Z2	Detachment at Left 4th Toe, Mid, Open Approach
0Y6W0Z3	Detachment at Left 4th Toe, Low, Open Approach
0Y6X0Z0	Detachment at Right 5th Toe, Complete, Open Approach
0Y6X0Z1	Detachment at Right 5th Toe, High, Open Approach
0Y6X0Z2	Detachment at Right 5th Toe, Mid, Open Approach
0Y6X0Z3	Detachment at Right 5th Toe, Low, Open Approach
0Y6Y0Z0	Detachment at Left 5th Toe, Complete, Open Approach
0Y6Y0Z1	Detachment at Left 5th Toe, High, Open Approach
0Y6Y0Z2	Detachment at Left 5th Toe, Mid, Open Approach
0Y6Y0Z3	Detachment at Left 5th Toe, Low, Open Approach

PQI #16 Lower-Extremity Amputation among Patients with Diabetes Rate

DENOMINATOR

Population ages 18 years and older in metropolitan area† 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.‡

† 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.

‡ The denominator can be specified with the diabetic population only and calculated with the SAS QI Software through the condition-specific denominator at the state-level feature.

PQI #16 Lower-Extremity Amputation among Patients with Diabetes Rate

DENOMINATOR EXCLUSIONS
<i>Not Applicable</i>