



## PQI #16 Rate of Lower-extremity Amputation among Patients with Diabetes

### Numerator

All discharges of age 18 years and older with ICD-9-CM procedure code for lower-extremity amputation and diagnosis code of diabetes in any field.

*ICD-9-CM Lower-extremity Amputation procedure codes:*

8410	LOWER LIMB AMPUTAT NOS	8415	BELOW KNEE AMPUTAT NEC
8411	TOE AMPUTATION	8416	DISARTICULATION OF KNEE
8412	AMPUTATION THROUGH FOOT	8417	ABOVE KNEE AMPUTATION
8413	DISARTICULATION OF ANKLE	8418	DISARTICULATION OF HIP
8414	AMPUTAT THROUGH MALLEOLI	8419	HINDQUARTER AMPUTATION

*ICD-9-CM Diabetes diagnosis codes:*

25000	DMII WO CMP NT ST UNCNR	25050	DMII OPHTH NT ST UNCNR
25001	DMI WO CMP NT ST UNCNR	25051	DMI OPHTH NT ST UNCNR
25002	DMII WO CMP UNCNR	25052	DMII OPHTH UNCNR
25003	DMI WO CMP UNCNR	25053	DMI OPHTH UNCNR
25010	DMII KETO NT ST UNCNR	25060	DMII NEURO NT ST UNCNR
25011	DMI KETO NT ST UNCNR	25061	DMI NEURO NT ST UNCNR
25012	DMII KETOACD UNCONTR	25062	DMII NEURO UNCNR
25013	DMI KETOACD UNCONTR	25063	DMI NEURO UNCNR
25020	DMII HPRSM NT ST UNCNR	25070	DMII CIRC NT ST UNCNR
25021	DMI HPRSM NT ST UNCNR	25071	DMI CIRC NT ST UNCNR
25022	DMII HPROSMLR UNCONTR	25072	DMII CIRC UNCNR
25023	DMI HPROSMLR UNCONTR	25073	DMI CIRC UNCNR
25030	DMII O CM NT ST UNCNR	25080	DMII OTH NT ST UNCNR
25031	DMI O CM NT ST UNCNR	25081	DMI OTH NT ST UNCNR
25032	DMII OTH COMA UNCONTR	25082	DMII OTH UNCNR
25033	DMI OTH COMA UNCONTR	25083	DMI OTH UNCNR
25040	DMII RENL NT ST UNCNR	25090	DMII UNSPF NT ST UNCNR
25041	DMI RENL NT ST UNCNR	25091	DMI UNSPF NT ST UNCNR
25042	DMII RENAL UNCNR	25092	DMII UNSPF UNCNR
25043	DMI RENAL UNCNR	25093	DMI UNSPF UNCNR

See *Prevention Quality Indicators Appendices*:

- Appendix A – Admission Codes for Transfers

Exclude cases:

- 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 any diagnosis of trauma

*ICD-9-CM Trauma diagnosis codes:*

8950	AMPUTATION TOE	8971	AMPUTAT BK, UNILAT-COMPL
8951	AMPUTATION TOE-COMPLICAT	8972	AMPUT ABOVE KNEE, UNILAT
8960	AMPUTATION FOOT, UNILAT	8973	AMPUT ABV KN, UNIL-COMPL
8961	AMPUT FOOT, UNILAT-COMPL	8974	AMPUTAT LEG, UNILAT NOS
8962	AMPUTATION FOOT, BILAT	8975	AMPUT LEG, UNIL NOS-COMP
8963	AMPUTAT FOOT, BILAT-COMP	8976	AMPUTATION LEG, BILAT
8970	AMPUT BELOW KNEE, UNILAT	8977	AMPUTAT LEG, BILAT-COMPL

## Denominator

Population in Metro Area<sup>1</sup> or county, age 18 years and older.

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<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 3) 2003 OMB Metropolitan Statistical Area. Micropolitan Statistical Areas are not used in the QI software.