

# Laminectomy or Spinal Fusion Rate

## Inpatient Quality Indicators #29

### Technical Specifications

#### Area-Level Indicator

#### Procedure Utilization Indicator

#### AHRQ Quality Indicators, Version 4.3, August 2011

### Numerator

Discharges age 18 years and older with a laminectomy or spinal fusion procedure.

#### ICD-9-CM Laminectomy or Spinal Fusion procedure codes:

0302	REOPEN LAMINECTOMY SITE	8130	SPINAL REFUSION NOS (OCT01)
0309	SPINAL CANAL EXPLOR NEC	8131	REFUSION OF ATLAS-AXIS (OCT01)
8050	EXC/DEST INTVRT DISC NOS	8132	REFUSION OF OTH CERV ANT (OCT01)
8051	EXCISION INTERVERT DISC	8133	REFUS OF OTH CERV POST (OCT01)
8059	OTH EXC/DEST INTVRT DISC	8134	REFUSION OF DORSAL ANT (OCT01)
8100	SPINAL FUSION NOS	8135	REFUSION OF DORSAL POST (OCT01)
8101	ATLAS-AXIS FUSION	8136	REFUSION OF LUMBAR ANT (OCT01)
8102	OTH CERV FUSION, ANTER	8137	REFUSION OF LUMBAR LAT (OCT01)
8103	OTH CERV FUSION, POSTER	8138	REFUSION OF LUMBAR POST (OCT01)
8104	DORSAL FUSION, ANTERIOR	8139	REFUSION OF SPINE NEC (OCT01)
8105	DORSAL FUSION, POSTERIOR	8161	360 SPINAL FUSION (OCT02)
8106	LUMBAR FUSION, ANTERIOR	8162	FUS/REFUS 2-3 VERTEBRAE (OCT03)
8107	LUMBAR FUSION, LATERAL	8163	FUS/REFUS 4-8 VERTEBRAE (OCT03)
8108	LUMBAR FUSION, POSTERIOR	8164	FUS/REFUS 9 VERTEBRAE (OCT03)
8109	REFUSION OF SPINE	8451	INS SPINAL FUSION DEVICE (OCT03)

-----  
Exclude cases:

- MDC 14 (pregnancy, childbirth, and puerperium)
- with missing discharge disposition (DISP=missing), gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

### Denominator

Discharges in the numerator are assigned to the denominator Metro Area<sup>1</sup> or county of the patient residence, not the Metro Area or county of the hospital where the 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 QI software.