



## IQI #14 Hip Replacement Mortality Rate

Provider-Level Indicator

Mortality Indicator for Inpatient Procedures

### Numerator

Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator.

### Denominator

All discharges, age 18 years and older, with a partial or full hip replacement code of in any procedure field.

ICD-9-CM Hip Replacement procedure codes:

8151	TOTAL HIP REPLACEMENT	0071	REV HIP REPL-ACETAB COMP OCT05-
8152	PARTIAL HIP REPLACEMENT	0072	REV HIP REPL-FEM COMP OCT05-
8153	REVISE HIP REPLACEMENT	0073	REV HIP REPL-LINER/HEAD OCT05-
0070	REV HIP REPL-ACETAB/FEM OCT05-		

Include only discharges with uncomplicated cases: code for osteoarthritis of hip in any diagnosis field.

ICD-9-CM Osteoarthritis diagnosis codes:

71500	GENL OSTEOARTHROSIS NOS	71595	OSTEOARTHROS NOS-PELVIS
71509	GENL OSTEOARTHROSIS MULT	71598	OSTEOARTHRO NOS-OTH SITE
71510	LOC PRIM OSTEOART-UNSPEC	71650	POLYARTHROSIS NOS-UNSPEC
71515	LOC PRIM OSTEOART-PELVIS	71655	POLYARTHROSIS NOS-PELVIS
71518	LOC PRIM OSTEOARTH NEC	71658	POLYARTHROSIS NOS-OTH SITE
71520	LOC 2ND OSTEOARTH-UNSPEC	71659	POLYARTHROSIS NOS-MULT
71525	LOC 2ND OSTEOARTH-PELVIS	71660	MONOARTHROSIS NOS-UNSPEC
71528	LOC 2ND OSTEOARTHROS NEC	71665	MONOARTHROSIS NOS-PELVIS
71530	LOC OSTEOARTH NOS-UNSPEC	71668	MONOARTHROSIS NOS-OTH SITE
71535	LOC OSTEOARTH NOS-PELVIS	71690	ARTHROPATHY NOS-UNSPEC
71538	LOC OSTEOAR NOS-SITE NEC	71695	ARTHROPATHY NOS-PELVIS
71580	OSTEOARTHROSIS-MULT SITE	71698	ARTHROPATHY NOS-OTH SITE
71589	OSTEOARTHROSIS-MULT SITE	71699	ARTHROPATHY NOS-MULT
71590	OSTEOARTHROS NOS-UNSPEC		

Exclude cases:

- with any diagnosis of hip fracture
- missing discharge disposition (DISP=missing)
- transferring to another short-term hospital (DISP=2)
- MDC 14 (pregnancy, childbirth, and puerperium)

ICD-9-CM Hip Fracture diagnosis codes:

82000	FX FEMUR INTRCAPS NOS-CL	82019	FX FEMUR INTRCAP NEC-OPN
82001	FX UP FEMUR EPIPHY-CLOS	82020	TROCHANTERIC FX NOS-CLOS
82002	FX FEMUR, MIDCERVIC-CLOS	82021	INTERTROCHANTERIC FX-CL
82003	FX BASE FEMORAL NCK-CLOS	82022	SUBTROCHANTERIC FX-CLOSE
82009	FX FEMUR INTRCAPS NEC-CL	82030	TROCHANTERIC FX NOS-OPEN
82010	FX FEMUR INTRCAP NOS-OPN	82031	INTERTROCHANTERIC FX-OPN
82011	FX UP FEMUR EPIPHY-OPEN	82032	SUBTROCHANTERIC FX-OPEN
82012	FX FEMUR, MIDCERVIC-OPEN	8208	FX NECK OF FEMUR NOS-CL
82013	FX BASE FEMORAL NCK-OPEN	8209	FX NECK OF FEMUR NOS-OPN