

Death Rate in Low-Mortality Diagnosis Related Groups (DRGs)

Patient Safety Indicators #2 Technical Specifications

Provider-Level Indicator

AHRQ Quality Indicators, Version 4.4, March 2012

Numerator

Discharges with disposition of “deceased” (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator.

Denominator

Discharges, 18 years and older **or** MDC 14 (pregnancy, childbirth, and puerperium), in DRGs or MS-DRGs with less than 0.5% mortality rate. If a DRG or MS-DRG is divided into “without/with complications,” both DRGs or MS-DRGs must have mortality rates below 0.5% to qualify for inclusion.

Exclude cases:

- with any code for trauma, cancer, or immunocompromised state
- transfer to an acute care facility (DISP=2)
- with missing discharge disposition (DISP=missing), gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

See *Patient Safety Indicators Appendices*:

- Appendix G – Trauma Diagnosis Codes
- Appendix H – Cancer Diagnosis Codes
- Appendix I – Immunocompromised State Diagnosis and Procedure Codes

**AHRQ QI, Patient Safety Indicators #2, Technical Specifications,
Death Rate in Low-Mortality DRGs
www.qualityindicators.ahrq.gov**

Low-mortality DRG codes:

037	ORBITAL PROCEDURES	375	VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR D&C
045	NEUROLOGICAL EYE DISORDERS		
050	SIALOADENECTOMY	376	POSTPARTUM & POST ABORTION DIAGNOSES W/O O.R. PROCEDURE
051	SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOMY	377	POSTPARTUM & POST ABORTION DIAGNOSES W O.R. PROCEDURE
065	DYSEQUILIBRIUM	378	ECTOPIC PREGNANCY
096	BRONCHITIS & ASTHMA AGE >17 W CC	379	THREATENED ABORTION
097	BRONCHITIS & ASTHMA AGE >17 W/O CC	380	ABORTION W/O D&C
140	ANGINA PECTORIS	381	ABORTION W D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY
141	SYNCOPE & COLLAPSE W CC		
142	SYNCOPE & COLLAPSE W/O CC	382	FALSE LABOR
143	CHEST PAIN	383	OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICATIONS
228	MAJOR THUMB OR JOINT PROC,OR OTH HAND OR WRIST PROC W CC	384	OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS
229	HAND OR WRIST PROC, EXCEPT MAJOR JOINT PROC, W/O CC	389	FULL TERM NEONATE W MAJOR PROBLEMS
237	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH	390	NEONATE W OTHER SIGNIFICANT PROBLEMS
257	TOTAL MASTECTOMY FOR MALIGNANCY W CC	425	ACUTE ADJUSTMENT REACTION & PSYCHOSOCIAL DYSFUNCTION
258	TOTAL MASTECTOMY FOR MALIGNANCY W/O CC	426	DEPRESSIVE NEUROSES
323	URINARY STONES W CC, &/OR ESW LITHOTRIPSY	427	NEUROSES EXCEPT DEPRESSIVE DISORDERS OF PERSONALITY & IMPULSE CONTROL
328	URETHRAL STRICTURE AGE >17 W CC	428	
329	URETHRAL STRICTURE AGE >17 W/O CC	430	PSYCHOSES
334	MAJOR MALE PELVIC PROCEDURES W CC	431	CHILDHOOD MENTAL DISORDERS
335	MAJOR MALE PELVIC PROCEDURES W/O CC	432	OTHER MENTAL DISORDER DIAGNOSES
356	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	433	ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AMA
358	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W CC	441	HAND PROCEDURES FOR INJURIES
359	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W/O CC	491	MAJOR JOINT & LIMB REATTACHMENT PROCEDURES OF UPPER EXTREMITY
369	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	499	BACK & NECK PROCEDURES EXCEPT SPINAL FUSION W CC
370	CESAREAN SECTION W CC	500	BACK & NECK PROCEDURES EXCEPT SPINAL FUSION W/O CC
371	CESAREAN SECTION W/O CC	503	KNEE PROCEDURES W/O PDX OF INFECTION
372	VAGINAL DELIVERY W COMPLICATING DIAGNOSES	521	ALCOHOL/DRUG ABUSE OR DEPENDENCE W CC
373	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	522	ALC/DRUG ABUSE OR DEPEND W REHABILITATION THERAPY W/O CC
374	VAGINAL DELIVERY W STERILIZATION &/OR D&C	524	TRANSIENT ISCHEMIA

**AHRQ QI, Patient Safety Indicators #2, Technical Specifications,
Death Rate in Low-Mortality DRGs
www.qualityindicators.ahrq.gov**

Low-mortality MS-DRG codes:

069	TRANSIENT ISCHEMIA	748	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES
113	ORBITAL PROCEDURES W CC/MCC		
114	ORBITAL PROCEDURES W/O CC/MCC	760	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS W CC/MCC
123	NEUROLOGICAL EYE DISORDERS		
139	SALIVARY GLAND PROCEDURES		
149	DYSEQUILIBRIUM	761	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS W/O CC/MCC
202	BRONCHITIS & ASTHMA W CC/MCC		
203	BRONCHITIS & ASTHMA W/O CC/MCC		
311	ANGINA PECTORIS	765	CESAREAN SECTION W CC/MCC
312	SYNCOPE & COLLAPSE	766	CESAREAN SECTION W/O CC/MCC
313	CHEST PAIN	767	VAGINAL DELIVERY W STERILIZATION &/OR D&C
483	MAJOR JOINT & LIMB REATTACHMENT PROC OF UPPER EXTREMITY W CC/MCC	768	VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR D&C
484	MAJOR JOINT & LIMB REATTACHMENT PROC OF UPPER EXTREMITY W/O CC/MCC	769	POSTPARTUM & POST ABORTION DIAGNOSES W O.R. PROCEDURE
488	KNEE PROCEDURES W/O PDX OF INFECTION W CC/MCC	770	ABORTION W D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY
489	KNEE PROCEDURES W/O PDX OF INFECTION W/O CC/MCC	774	VAGINAL DELIVERY W COMPLICATING DIAGNOSES
490	BACK & NECK PROC EXC SPINAL FUSION W CC/MCC OR DISC DEVICE/NEUROSTIM	775	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES
491	BACK & NECK PROC EXC SPINAL FUSION W/O CC/MCC	776	POSTPARTUM & POST ABORTION DIAGNOSES W/O O.R. PROCEDURE
506	MAJOR THUMB OR JOINT PROCEDURES	777	ECTOPIC PREGNANCY
513	HAND OR WRIST PROC, EXCEPT MAJOR THUMB OR JOINT PROC W CC/MCC	778	THREATENED ABORTION
514	HAND OR WRIST PROC, EXCEPT MAJOR THUMB OR JOINT PROC W/O CC/MCC	779	ABORTION W/O D&C
537	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH W CC/MCC	780	FALSE LABOR
538	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH W/O CC/MCC	781	OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICATIONS
582	MASTECTOMY FOR MALIGNANCY W CC/MCC	782	OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS
583	MASTECTOMY FOR MALIGNANCY W/O CC/MCC	793	FULL TERM NEONATE W MAJOR PROBLEMS
691	URINARY STONES W ESW	794	NEONATE W OTHER SIGNIFICANT PROBLEMS
692	LITHOTRIPSY W CC/MCC	880	ACUTE ADJUSTMENT REACTION & PSYCHOSOCIAL DYSFUNCTION
692	URINARY STONES W ESW	881	DEPRESSIVE NEUROSES
697	LITHOTRIPSY W/O CC/MCC	882	NEUROSES EXCEPT DEPRESSIVE
697	URETHRAL STRICTURE	883	DISORDERS OF PERSONALITY & IMPULSE CONTROL
707	MAJOR MALE PELVIC PROCEDURES W CC/MCC	885	PSYCHOSES
708	MAJOR MALE PELVIC PROCEDURES W/O CC/MCC	886	BEHAVIORAL & DEVELOPMENTAL DISORDERS
742	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W CC/MCC	887	OTHER MENTAL DISORDER DIAGNOSES
743	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W/O CC/MCC	894	ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AMA
		895	ALCOHOL/DRUG ABUSE OR DEPENDENCE W REHABILITATION THERAPY
		906	HAND PROCEDURES FOR INJURIES