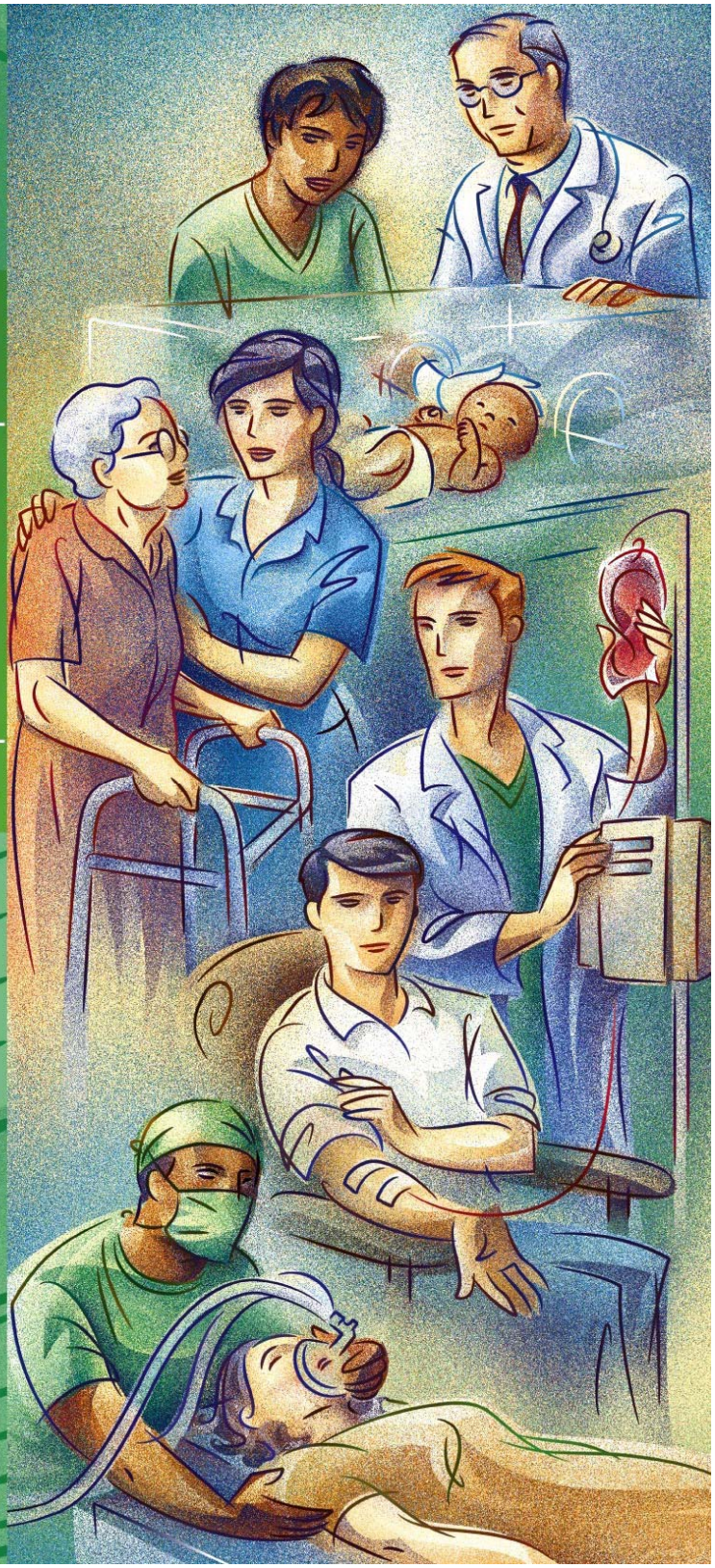
AHRQ

AHRQ QUALITY INDICATORS

Patient Safety Indicators

Technical Specifications



AHRQ Quality Indicators

Patient Safety Indicators:
Technical Specifications

Department of Health and Human Services
Agency for Healthcare Research and Quality
http://www.qualityindicators.ahrq.gov

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About the Patient Safety Indicators

The PSIs are a set of measures that can be used with hospital inpatient discharge data to provide a perspective on patient safety. Specifically, PSIs screen for problems that patients experience as a result of exposure to the healthcare system and that are likely amenable to prevention by changes at the system or provider level. These are referred to as complications or adverse events. PSIs are defined on two levels: the provider level and the area level.

This document provides all ICD-9-CM and DRG codes included in or excluded from the numerator and denominator for each indicator in the Patient Safety Indicators. Version 3.1 of the AHRQ PSIs reflects changes in indicators associated with ICD-9-CM and DRG coding updates for FY 2007 (effective 10-1-2006).

The reference population database used by the software was updated to HCUP's Year 2004 State Inpatient Data (SID) for 36 states. The 2002-2004 SID is the basis for DRGs with a less than 0.05% mortality rate that are used in PSI #2, Death in Low-mortality DRGs.

Information about the development of the indicators and their definitions is contained in the companion document *Guide to the Patient Safety Indicators*. See Appendix R for links to these and other documents as well as Web sites that may be of interest to PSI users.

Software to calculate the PSI rates is available for download from the AHRQ Quality Indicators Web site in two formats:

- A set of SAS® programs and accompanying documentation
- QI Windows Application

The SAS version requires the SAS® statistical program distributed by the SAS Institute, Inc. The company may be contacted directly regarding the licensing of its products: http://www.sas.com

The Windows version calculates rates for all of the AHRQ Quality Indicators modules. Users do not need to purchase any additional software to run this program.

Both versions of the software:

- Assign and calculate PSIs from hospital discharge abstracts or UB (uniform billing) claims data.
- Print PSI results in a format that can be imported into word processing documents, spreadsheets, or graphics software, at the user's option.
- Create risk-adjusted rates that adjust for case mix differences and expected rates that adjust for performance differences.
- Create smoothed (i.e., reliability-adjusted) rates that reduce fluctuations over time due to random variation.

The FY2007 release includes enhancements to the functionality of the risk-adjustment module. Users will be able to save the discharge level file of predicted values based on the risk-adjustment model. As a result, users will be able to compute observed-to-expected ratios for any combination of discharges. In addition, the module will compute risk-adjusted rates for the pre-defined set of stratification variables (e.g., age, gender, payer, race), and will provide an option for using weighted data (i.e., discharge weights like those used in the NIS).

Effective March 1, 2007 the UB-04 data specification manual will include a Present on Admission indicator (http://www.nubc.org/public/whatsnew/POA.pdf). The FY2007 release of the AHRQ QI includes an option to incorporate the present on admission indicator into the specifications of the Patient Safety Indicators (PSI) and the Pediatric Quality Indicators (PedQI). In general, cases where the outcome of interest is present on admission will be excluded from the denominator, as these cases are no longer at risk of having the outcome of interest occur during the hospitalization. Users can compute risk adjustment with or without POA information.

Alternative risk-adjustment covariates and population rates were developed using 2002-2004 SID data from California and New York. As additional states collect the POA indicator and provide the data to the HCUP program, the reference population will be updated in future AHRQ QI releases to include these states. Users will still be able to compute observed and risk-adjusted PSI and PedQI rates without the POA flag.

Population figures through 2007 for use with AHRQ Quality Indicator software were derived from U. S. Census Bureau data using estimates for 2000 through 2005 and modified projections for 2006 and 2007. The 2007 file uses the same inter-censal estimates for the years 1995 through 1999 as the 2006 file, so counts for these years did not change.

The list of major operating room ICD-9-CM procedure codes in Appendix A is based on the AHRQ Procedure Classes that assign all ICD-9-CM procedure codes to one of four categories:

1. Minor Diagnostic - Non-operating room procedures that are diagnostic (e.g., 87.03 CT scan of head)
2. Minor Therapeutic - Non-operating room procedures that are therapeutic (e.g., 02.41 Irrigate ventricular shunt)
3. Major Diagnostic - All procedures considered valid operating room procedures by the Diagnosis Related Group (DRG) grouper and that are performed for diagnostic reasons (e.g., 01.14 Open brain biopsy)
4. Major Therapeutic - All procedures considered valid operating room procedures by the Diagnosis Related Group (DRG) grouper and that are performed for therapeutic reasons (e.g., 39.24 Aorta-renal bypass).

For the AHRQ PSIs, major operating room procedures are ICD-9-CM procedure codes in categories #3 (major diagnostic) and #4 (major therapeutic).

Patient Safety Indicators – Detailed Definitions

For ICD-9-CM codes introduced after October 1995, the date of introduction is indicated after the code label, e.g., OCT 04.

Complications of Anesthesia (PSI 1)

Numerator:

Discharges with ICD-9-CM diagnosis codes for anesthesia complications in any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

ICD-9-CM Anesthesia Complications diagnosis codes:

Adverse effects in therapeutic use, other central nervous system depressants and anesthetics:

E8763 ENDOTRACHEAL TUBE WRONGLY PLACE DURING ANESTHETIC PROCEDURE
E9381 HALOTHANE
E9382 OTHER GASEOUS ANESTHETICS
E9383 INTRAVENOUS ANESTHETICS
E9384 OTHER AND UNSPECIFIED GENERAL ANESTHETICS
E9385 SURFACE AND INFILTRATION ANESTHETICS
E9386 PERIPHERAL NERVE AND PLEXUS BLOCKING ANESTHETICS
E9387 SPINAL ANESTHETICS
E9389 OTHER AND UNSPECIFIED LOCAL ANESTHETICS

Poisoning by other central nervous system depressants and anesthetics:

9681 HALOTHANE
9682 OTHER GASEOUS ANESTHETICS
9683 INTRAVENOUS ANESTHETICS
9684 OTHER AND UNSPECIFIED GENERAL ANESTHETICS
9687 SPINAL ANESTHETICS
E8551 ACCIDENTAL POISONING, OTHER NERVOUS SYSTEM DEPRESSANTS

Denominator:

All surgical discharges, 18 years and older **or** MDC 14 (pregnancy, childbirth, and puerperium), defined by specific DRGs and an ICD-9-CM code for an operating room procedure.

See Appendix A: Operating Room Procedure Codes
See Appendix B: Surgical Discharge DRGs

Exclude cases:

- with ICD-9-CM diagnosis codes for anesthesia complications (see Numerator) in the principal diagnosis field or in a secondary diagnosis field if present on admission, if known
- with codes for self-inflicted injury, poisoning due to anesthetics (E8551, 9681-4, 9687) **and** any diagnosis code for active drug dependence, or active nondependent abuse of drugs

See Appendix L: Self-Inflicted Injury Diagnosis Codes

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI Detailed Definition.

Complications of Anesthesia (PSI 1)

ICD-9-CM Active Drug Dependence diagnosis codes:

30400 OPIOID TYPE DEPENDENCE - UNSPECIFIED
30401 OPIOID TYPE DEPENDENCE - CONTINUOUS
30402 OPIOID TYPE DEPENDENCE - EPISODIC
30410 BARBITURATE AND SIMILARLY ACTING SEDATIVE OR HYPNOTIC DEPENDENCE - UNSPECIFIED
30411 BARBITURATE AND SIMILARLY ACTING SEDATIVE OR HYPNOTIC DEPENDENCE - CONTINUOUS
30412 BARBITURATE AND SIMILARLY ACTING SEDATIVE OR HYPNOTIC DEPENDENCE - EPISODIC
30420 COCAINE DEPENDENCE - UNSPECIFIED
30421 COCAINE DEPENDENCE - CONTINUOUS
30422 COCAINE DEPENDENCE - EPISODIC
30430 CANNABIS DEPENDENCE - UNSPECIFIED
30431 CANNABIS DEPENDENCE - CONTINUOUS
30432 CANNABIS DEPENDENCE - EPISODIC
30440 AMPHETAMINE AND OTHER PSYCHO STIMULANT DEPENDENCE - UNSPECIFIED
30441 AMPHETAMINE AND OTHER PSYCHO STIMULANT DEPENDENCE - CONTINUOUS
30442 AMPHETAMINE AND OTHER PSYCHO STIMULANT DEPENDENCE - EPISODIC
30450 HALLUCINOGEN DEPENDENCE - UNSPECIFIED
30451 HALLUCINOGEN DEPENDENCE - CONTINUOUS
30452 HALLUCINOGEN DEPENDENCE - EPISODIC
30460 OTHER SPECIFIED DRUG DEPENDENCE - UNSPECIFIED
30461 OTHER SPECIFIED DRUG DEPENDENCE - CONTINUOUS
30462 OTHER SPECIFIED DRUG DEPENDENCE - EPISODIC
30470 COMBINATIONS OF OPIOID TYPE DRUG W/ ANY OTHER - UNSPECIFIED
30471 COMBINATIONS OF OPIOID TYPE DRUG W/ ANY OTHER - CONTINUOUS
30472 COMBINATIONS OF OPIOID TYPE DRUG W/ ANY OTHER - EPISODIC
30480 COMBINATIONS OF DRUG EXCLUDING OPIOID TYPE DRUG - UNSPECIFIED
30481 COMBINATIONS OF DRUG EXCLUDING OPIOID TYPE DRUG - CONTINUOUS
30482 COMBINATIONS OF DRUG EXCLUDING OPIOID TYPE DRUG - EPISODIC
30490 UNSPECIFIED DRUG DEPENDENCE - UNSPECIFIED
30491 UNSPECIFIED DRUG DEPENDENCE - CONTINUOUS
30492 UNSPECIFIED DRUG DEPENDENCE - EPISODIC

ICD-9-CM Active Nondependent Abuse of Drugs diagnosis codes:

30520 CANNABIS ABUSE - UNSPECIFIED
30521 CANNABIS ABUSE - CONTINUOUS
30522 CANNABIS ABUSE - EPISODIC
30530 HALLUCINOGEN ABUSE - UNSPECIFIED
30531 HALLUCINOGEN ABUSE - CONTINUOUS
30532 HALLUCINOGEN ABUSE - EPISODIC
30540 BARBITURATE AND SIMILARLY ACTING SEDATIVE OR HYPNOTIC ABUSE - UNSPECIFIED
30541 BARBITURATE AND SIMILARLY ACTING SEDATIVE OR HYPNOTIC ABUSE - CONTINUOUS
30542 BARBITURATE AND SIMILARLY ACTING SEDATIVE OR HYPNOTIC ABUSE - EPISODIC
30550 OPIOID ABUSE - UNSPECIFIED
30551 OPIOID ABUSE - CONTINUOUS
30552 OPIOID ABUSE - EPISODIC
30560 COCAINE ABUSE - UNSPECIFIED
30561 COCAINE ABUSE - CONTINUOUS
30562 COCAINE ABUSE - EPISODIC
30570 AMPHETAMINE OR RELATED ACTING SYMPATHOMIMETIC ABUSE - UNSPECIFIED
30571 AMPHETAMINE OR RELATED ACTING SYMPATHOMIMETIC ABUSE - CONTINUOUS
30572 AMPHETAMINE OR RELATED ACTING SYMPATHOMIMETIC ABUSE - EPISODIC
30580 ANTIDEPRESSANT TYPE ABUSE - UNSPECIFIED
30581 ANTIDEPRESSANT TYPE ABUSE - CONTINUOUS
30582 ANTIDEPRESSANT TYPE ABUSE - EPISODIC
30590 OTHER, MIXED, OR UNSPECIFIED DRUG ABUSE - UNSPECIFIED
30591 OTHER, MIXED, OR UNSPECIFIED DRUG ABUSE - CONTINUOUS

Complications of Anesthesia (PSI 1)

30592 OTHER, MIXED, OR UNSPECIFIED DRUG ABUSE - EPISODIC

Death in Low-Mortality DRGs (PSI 2)

Numerator:

Discharges with disposition of "deceased" 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 with less than 0.5% mortality rate. If a DRG is divided into "without/with complications," both DRGs must have mortality rates below 0.5% to qualify for inclusion.

Low-Mortality DRGs:

006 CARPAL TUNNEL RELEASE
021 VIRAL MENINGITIS
036 RETINAL PROCEDURES
037 ORBITAL PROCEDURES
039 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY
040 EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE >17 OCT05-
042 INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS & LENS
043 HYPHEMA
044 ACUTE MAJOR EYE INFECTIONS
045 NEUROLOGICAL EYE DISORDERS
049 MAJOR HEAD & NECK PROCEDURES OCT05-
050 SIALOADENECTOMY
051 SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOMY
052 CLEFT LIP & PALATE REPAIR
053 SINUS & MASTOID PROCEDURES AGE >17
055 MISCELLANEOUS EAR, NOSE, MOUTH & THROAT PROCEDURES
056 RHINOPLASTY OCT05-
057 T&A PROC, EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE >17
059 TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE >17 OCT05-
063 OTHER EAR, NOSE, MOUTH & THROAT O.R. PROCEDURES
065 DYSEQUILIBRIUM
067 EPIGLOTTITIS OCT05-
068 OTITIS MEDIA & URI AGE >17 W CC
069 OTITIS MEDIA & URI AGE >17 WO CC OCT05-
072 NASAL TRAUMA & DEFORMITY OCT05-
096 BRONCHITIS & ASTHMA AGE >17 W CC
097 BRONCHITIS & ASTHMA AGE >17 WO CC
118 CARDIAC PACEMAKER DEVICE REPLACEMENT OCT05-
125 CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH WO COMPLEX
134 HYPERTENSION
140 ANGINA PECTORIS
141 SYNCOPE & COLLAPSE W CC
142 SYNCOPE & COLLAPSE WO CC
143 CHEST PAIN
166 APPENDECTOMY WO COMPLICATED PRINCIPAL DIAG W CC
167 APPENDECTOMY WO COMPLICATED PRINCIPAL DIAG WO CC
177 UNCOMPLICATED PEPTIC ULCER W CC OCT05-
178 UNCOMPLICATED PEPTIC ULCER WO CC OCT05-
179 INFLAMMATORY BOWEL DISEASE OCT05-
187 DENTAL EXTRACTIONS & RESTORATIONS OCT05-
223 MAJOR SHOULDER/ELBOW PROC, OR OTHER UPPER EXTREMITY PROC

Death in Low-Mortality DRGs (PSI 2)	
224	SHOULDER,ELBOW OR FOREARM PROC,EXC MAJOR JOINT PROC, WO
225	FOOT PROCEDURES
228	MAJOR THUMB OR JOINT PROC,OR OTH HAND OR WRIST PROC W CC
229	HAND OR WRIST PROC, EXCEPT MAJOR JOINT PROC, WO CC
231	LOCAL EXCISION & REMOVAL OF INT FIX DEVICES EXCEPT HIP & FEMUR OCT05-
237	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH OCT05-
232	ARTHROSCOPY
244	BONE DISEASES & SPECIFIC ARTHROPATHIES W CC OCT05-
245	BONE DISEASES & SPECIFIC ARTHROPATHIES WO CC OCT05-
246	NON-SPECIFIC ARTHROPATHIES
247	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE OCT05-
257	TOTAL MASTECTOMY FOR MALIGNANCY W CC OCT05-
258	TOTAL MASTECTOMY FOR MALIGNANCY WO CC OCT05-
261	BREAST PROC FOR NON-MALIGNANCY EXCEPT BIOPSY & LOCAL EXC
262	BREAST BIOPSY & LOCAL EXCISION FOR NON-MALIGNANCY
267	PERIANAL & PILONIDAL PROCEDURES
268	SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROCEDURES OCT05-
276	NON-MALIGANT BREAST DISORDERS
288	O.R. PROCEDURES FOR OBESITY
289	PARATHYROID PROCEDURES
290	THYROID PROCEDURES
291	THYROGLOSSAL PROCEDURES
295	DIABETES AGE 0-35
323	URINARY STONES W CC, &/OR ESW LITHOTRIPSY
324	URINARY STONES WO CC
334	MAJOR MALE PELVIC PROCEDURES W CC
335	MAJOR MALE PELVIC PROCEDURES WO CC
336	TRANSURETHRAL PROSTATECTOMY W CC
337	TRANSURETHRAL PROSTATECTOMY WO CC
339	TESTES PROCEDURES, NON-MALIGNANCY AGE >17
341	PENIS PROCEDURES
342	CIRCUMCISION AGE >17
350	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM
353	PELVIC EVISCERATION, RADICAL HYSTERECTOMY & RADICAL VULV OCT06-
356	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES
358	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W CC
359	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY WO CC
360	VAGINA, CERVIX & VULVA PROCEDURES
361	LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION
362	ENDOSCOPIC TUBAL INTERRUPTION
364	D&C, CONIZATION EXCEPT FOR MALIGNANCY
369	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS
370	CESAREAN SECTION W CC
371	CESAREAN SECTION WO CC
372	VAGINAL DELIVERY W COMPLICATING DIAGNOSES
373	VAGINAL DELIVERY WO COMPLICATING DIAGNOSES
374	VAGINAL DELIVERY W STERILIZATION &/OR D&C
375	VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR D&C OCT06
376	POSTPARTUM & POST ABORTION DIAGNOSES WO O.R. PROCEDURE
377	POSTPARTUM & POST ABORTION DIAGNOSES W O.R. PROCEDURE
378	ECTOPIC PREGNANCY
379	THREATENED ABORTION
380	ABORTION WO D&C
381	ABORTION W D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY
382	FALSE LABOR
383	OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICATIONS
384	OTHER ANTEPARTUM DIAGNOSES WO MEDICAL COMPLICATIONS
421	VIRAL ILLNESS AGE >17
425	ACUTE ADJUSTMENT REACTION & PSYCHOSOCIAL DYSFUNCTION OCT06
426	DEPRESSIVE NEUROSES

Death in Low-Mortality DRGs (PSI 2)

427	NEUROSES EXCEPT DEPRESSIVE
428	DISORDERS OF PERSONALITY & IMPULSE CONTROL
430	PSYCHOSES
431	CHILDHOOD MENTAL DISORDERS
432	OTHER MENTAL DISORDER DIAGNOSES
433	ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AMA
434	ALC/DRUG ABUSE OR DEPEND, DETOX OR OTH SYMPT TREAT W CC
435	ALC/DRUG ABUSE OR DEPEND, DETOX OR OTH SYMPT TREAT WO CC
436	ALC/DRUG DEPENDENCE W REHABILITATION THERAPY (NO LONGER
437	ALC/DRUG DEPENDENCE, COMBINED REHAB & DETOX THERAPY (NO
439	SKIN GRAFTS FOR INJURIES
441	HAND PROCEDURES FOR INJURIES
447	ALLERGIC REACTIONS AGE >17
471	BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWER EXTREMI
491	MAJOR JOINT & LIMB REATTACHMENT PROCEDURES OF UPPER EXTR
496	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION
497	SPINAL FUSION EXCEPT CERVICAL W CC OCT06
498	SPINAL FUSION EXCEPT CERVICAL WO CC OCT06
499	BACK & NECK PROCEDURES EXCEPT SPINAL FUSION W CC
500	BACK & NECK PROCEDURES EXCEPT SPINAL FUSION WO CC
503	KNEE PROCEDURES WO PDX OF INFECTION
517	PERC CARDIO PROC W NON-DRUG ELUTING STENT WO AMI
518	PERC CARDIO PROC WO CORONARY ARTERY STENT OR AMI OCT06
521	ALCOHOL/DRUG ABUSE OR DEPENDENCE W CC
522	ALC/DRUG ABUSE OR DEPEND W REHABILITATION THERAPY WO CC
523	ALC/DRUG ABUSE OR DEPEND WO REHABILITATION THERAPY WO CC
524	TRANSIENT ISCHEMIA
527	PERCUTNEOUS CARDIOVASULAR PROC W DRUG ELUTING STENT WO A
536	CARDIAC DEFIB IMPLANT W CARDIAC CATH WO AMI/HF/SHOCK

Exclude patients with any code for trauma, immunocompromised state, or cancer.

See Appendix C: ICD-9-CM Trauma Diagnosis Codes
See Appendix D: ICD-9-CM Codes for Immunocompromised States
See Appendix E: Cancer Codes

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI Detailed Definition.

Decubitus Ulcer (PSI 3)

Numerator:

Discharges with ICD-9-CM code of decubitus ulcer in any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

ICD-9-CM Decubitus Ulcer Diagnosis Codes:

7070*	DECUBITUS ULCER
70700	DECUBITUS ULCER SITE NOS (OCT 04)
70701	DECUBITUS ULCER, ELBOW (OCT 04)
70702	DECUBITUS ULCER, UP BACK (OCT 04)
70703	DECUBITUS ULCER, LOW BACK (OCT 04)
70704	DECUBITUS ULCER, HIP (OCT 04)
70705	DECUBITUS ULCER, BUTTOCK (OCT 04)
70706	DECUBITUS ULCER, ANKLE (OCT 04)
70707	DECUBITUS ULCER, HEEL (OCT 04)

Decubitus Ulcer (PSI 3)

70709 DECUBITUS ULCER, SITE NEC (OCT 04)

*No longer valid in FY2005

Denominator:

All medical and surgical discharges age 18 years and older defined by specific DRGs.

See Appendix B: Surgical Discharge DRGs
See Appendix F: Medical Discharge DRGs

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI Detailed Definition.

Exclude cases:

- with length of stay of less than 5 days
- with preexisting condition of decubitus ulcer (see Numerator) (primary diagnosis or secondary diagnosis present on admission, if known)
- MDC 9 (Skin, Subcutaneous Tissue, and Breast)
- MDC 14 (pregnancy, childbirth, and puerperium)
- with any diagnosis of hemiplegia, paraplegia, or quadriplegia
- with ICD-9-CM code of spina bifida or anoxic brain damage
- with an ICD-9-CM procedure code for debridement or pedicle graft **before or on the same day** as the major operating room procedure (surgical cases only)
- admitted from a long-term care facility (SID Admission Source=3)
- transferred from an acute care facility (SID Admission Source=2)

See Appendix A: Operating Room Procedure Codes

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI Detailed Definition.

ICD-9-CM Hemiplegia, Paraplegia, or Quadriplegia diagnosis codes (includes 4th and 5th digits):

33371 ATHETOID CEREBRAL PALSY OCT06-
3420 FLACCID HEMIPLEGIA
3421 SPASTIC HEMIPLEGIA
3428 OTHER SPECIFIED HEMIPLEGIA
3429 HEMIPLEGIA, UNSPECIFIED
3430 INFANTILE CEREBRAL PALSY, DIPLEGIC
3431 INFANTILE CEREBRAL PALSY, HEMIPLEGIC
3432 INFANTILE CEREBRAL PALSY, QUADRIPLEGIC
3433 INFANTILE CEREBRAL PALSY, MONOPLEGIC
3434 INFANTILE CEREBRAL PALSY INFANTILE HEMIPLEGIA
3438 INFANTILE CEREBRAL PALSY OTHER SPECIFIED INFANTILE CEREBRAL PALSY
3439 INFANTILE CEREBRAL PALSY, INFANTILE CEREBRAL PALSY, UNSPECIFIED
3440 QUADRIPLEGIA AND QUADRIPARESIS
3441 PARAPLEGIA
3442 DIPLEGIA OF UPPER LIMBS
3443 MONOPLEGIA OF LOWER LIMB
3444 MONOPLEGIA OF UPPER LIMB
3445 UNSPECIFIED MONOPLEGIA
3446 CAUDA EQUINA SYNDROME
3448 OTHER SPECIFIED PARALYTIC SYNDROMES
3449 PARALYSIS, UNSPECIFIED
4382 HEMIPLEGIA/HEMIPARESIS
4383 MONOPLEGIA OF UPPER LIMB

Decubitus Ulcer (PSI 3)

4384 MONOPLEGIA OF LOWER LIMB
4385 OTHER PARALYTIC SYNDROME
7687 HYPOXIC-ISCHEMIC ENCEPH OCT06-

ICD-9-CM Spina Bifida or Anoxic Brain Damage diagnosis codes

3481 ANOXIC BRAIN DAMAGE
74100 SPINA BIFIDA, W HYDROCEPHALUS UNSPECIFIED REGION
74101 SPINA BIFIDA, W HYDROCEPHALUS CERVICAL REGION
74102 SPINA BIFIDA, W HYDROCEPHALUS DORSAL REGION
74103 SPINA BIFIDA, W HYDROCEPHALUS LUMBAR REGION
74190 SPINA BIFIDA, W/O HYDROCEPHALUS UNSPECIFIED REGION
74191 SPINA BIFIDA, W/O HYDROCEPHALUS CERVICAL REGION
74192 SPINA BIFIDA, W/O HYDROCEPHALUS DORSAL REGION
74193 SPINA BIFIDA, W/O HYDROCEPHALUS LUMBAR REGION
7685 SEVERE BIRTH ASPHYXIA

ICD-9-CM procedure code for debridement or pedicle graft

8345 OTHER MYECTOMY
8622 EXC WOUND DEBRIDEMENT
8628 NONEXCIS DEBRIDEMENT WND
8670 PEDICLE GRAFT/FLAP NOS
8671 CUT & PREP PEDICLE GRAFT
8672 PEDICLE GRAFT ADVANCEMEN
8674 ATTACH PEDICLE GRAFT NEC
8675 REVISION OF PEDICLE GRFT

SID Admission source

Admission source is recorded as acute care facility (SID ASOURCE=2)
Admission source is recorded as long-term care facility (SID ASOURCE=3)

Failure to Rescue (PSI 4)

Numerator:

All discharges with a disposition of “deceased” among cases meeting the inclusion and exclusion rules for the denominator.

Denominator:

Discharges 18 years and older with potential complications of care listed in failure to rescue (FTR) definition (e.g., pneumonia, DVT/PE, sepsis, acute renal failure, shock/cardiac arrest, or GI hemorrhage/acute ulcer).

Exclude cases:

- age 75 years and older
- neonatal patients in MDC 15
- transferred to an acute care facility (SID Discharge Disposition = 2)
- transferred from an acute care facility (SID Admission Source = 2)
- admitted from a long-term care facility (SID Admission Source=3)

NOTE: Additional exclusion criteria is specific to each diagnosis.

FTR 1 - Acute renal failure

Failure to Rescue (PSI 4)

ICD-9-CM Acute Renal Failure diagnosis codes (includes 4th and 5th digits):

5845 W/ LESION OF TUBULAR NECROSIS
5846 W/ LESION OF RENAL CORTICAL NECROSIS
5847 W/ LESION OF RENAL MEDULLARY NECROSIS
5848 W/ OTHER SPECIFIED PATHOLOGICAL LESION
5849 ACUTE RENAL FAILURE, UNSPECIFIED
6393 COMPLICATIONS FOLLOWING ABORTION AND ECTOPIC AND MOLAR PREGNANCIES, RENAL FAILURE
66930 ACUTE RENAL FAILURE FOLLOWING LABOR AND DELIVERY, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE
66932 ACUTE RENAL FAILURE FOLLOWING LABOR AND DELIVERY, DELIVERED, W/ MENTION OF POSTPARTUM COMPLICATION
66934 ACUTE RENAL FAILURE FOLLOWING LABOR AND DELIVERY, POSTPARTUM CONDITION OR COMPLICATION

Exclude cases:

- with preexisting condition (principal diagnosis or secondary diagnosis present on admission, if known) of hemorrhage, GI hemorrhage, shock, trauma, acute renal failure, abortion-related renal failure, acute myocardial infarction, cardiac arrest, or cardiac arrhythmia.

See Appendix G: Hemorrhage Diagnosis Codes
See Appendix I: ICD-9-CM Gastrointestinal (GI) Hemorrhage Diagnosis Codes
See Appendix H: Shock Diagnosis Codes
See Appendix C: ICD-9-CM Trauma Diagnosis Codes
See Appendix J: Trauma DRGs
See Appendix M: Acute Myocardial Infarction (AMI) Diagnosis Codes
See Appendix N: Cardiac Arrhythmia Diagnosis Codes

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI Detailed Definition.

ICD-9-CM Abortion-related Renal Failure diagnosis codes:

63430 SPONTANEOUS ABORTION W/ RENAL FAILURE - UNSPECIFIED
63431 SPONTANEOUS ABORTION W/ RENAL FAILURE - INCOMPLETE
63432 SPONTANEOUS ABORTION W/ RENAL FAILURE - COMPLETE
63530 LEGAL ABORTION W/ RENAL FAILURE - UNSPECIFIED
63531 LEGAL ABORTION W/ RENAL FAILURE - INCOMPLETE
63532 LEGAL ABORTION W/ RENAL FAILURE - COMPLETE
63630 ILLEGAL ABORTION W/ RENAL FAILURE - UNSPECIFIED
63631 ILLEGAL ABORTION W/ RENAL FAILURE - INCOMPLETE
63632 ILLEGAL ABORTION W/ RENAL FAILURE - COMPLETE
63730 ABORTION NOS W/ RENAL FAILURE - UNSPECIFIED
63731 ABORTION NOS W/ RENAL FAILURE - INCOMPLETE
63732 ABORTION NOS W/ RENAL FAILURE - COMPLETE
6383 ATTEMPTED ABORTION W/ RENAL FAILURE

ICD-9-CM Cardiac Arrest diagnosis code:

4275 CARDIAC ARREST

FTR 2 - DVT/PE

Include ICD-9-CM DVT/PE diagnosis codes:

Failure to Rescue (PSI 4)

See Appendix K: Pulmonary Embolism/Deep Vein Thrombosis

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI Detailed Definition.

Exclude cases:

- with preexisting (principal diagnosis or secondary diagnosis present on admission, if known) of pulmonary embolism or deep vein thrombosis
- with abortion-related and postpartum obstetric pulmonary embolism

ICD-9-CM Abortion-related and Postpartum Obstetric Pulmonary Embolism diagnosis codes:

63460 SPONTANEOUS ABORTION W/ EMBOLISM - UNSPECIFIED
63461 SPONTANEOUS ABORTION W/ EMBOLISM - INCOMPLETE
63462 SPONTANEOUS ABORTION W/ EMBOLISM - COMPLETE
63560 LEGAL ABORTION W/ EMBOLISM - UNSPECIFIED
63561 LEGAL ABORTION W/ EMBOLISM - INCOMPLETE
63562 LEGAL ABORTION W/ EMBOLISM - COMPLETE
63660 ILLEGAL ABORTION W/ EMBOLISM - UNSPECIFIED
63661 ILLEGAL ABORTION W/ EMBOLISM - INCOMPLETE
63662 ILLEGAL ABORTION W/ EMBOLISM - COMPLETE
63760 ABORTION NOS W/ EMBOLISM - UNSPECIFIED
63761 ABORTION NOS W/ EMBOLISM - INCOMPLETE
63762 ABORTION NOS W/ EMBOLISM - COMPLETE
6386 ATTEMPTED ABORTION W/ EMBOLISM
6396 POSTABORTION EMBOLISM
67320 OBSTETRICAL BLOOD-CLOT EMBOLISM, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE
67321 OBSTETRICAL BLOOD-CLOT EMBOLISM, DELIVERED, W/ OR W/O MENTION OF ANTEPARTUM CONDITION
67322 OBSTETRICAL BLOOD-CLOT EMBOLISM, DELIVERED, W/ MENTION OF POSTPARTUM COMPLICATION
67323 OBSTETRICAL BLOOD-CLOT EMBOLISM, ANTEPARTUM CONDITION OR COMPLICATION
67324 OBSTETRICAL BLOOD-CLOT EMBOLISM, POSTPARTUM CONDITION OR COMPLICATION

FTR 3 - Pneumonia

Include ICD-9-CM Pneumonia diagnosis codes:

4820 PNEUMONIA DUE TO KLEBSIELLA PNEUMONIAE
4821 PNEUMONIA DUE TO PSEUDOMONAS
4822 PNEUMONIA DUE TO HEMOPHILUS INFLUENZAE [H. INFLUENZAE]
4823 PNEUMONIA DUE TO STREPTOCOCCUS
48230 PNEUMONIA DUE TO STREPTOCOCCUS – STREPTOCOCCUS, UNSPECIFIED
48231 PNEUMONIA DUE TO STREPTOCOCCUS – GROUP A
48232 PNEUMONIA DUE TO STREPTOCOCCUS – GROUP B
48239 PNEUMONIA DUE TO STREPTOCOCCUS – OTHER STREPTOCOCCUS
4824 PNEUMONIA DUE TO STAPHYLOCOCCUS
48240 PNEUMONIA DUE TO STAPHYLOCOCCUS – PNEUMONIA DUE TO STAPHYLOCOCCUS, UNSPECIFIED
48241 PNEUMONIA DUE TO STAPHYLOCOCCUS – PNEUMONIA DUE TO STAPHYLOCCOCCUS AUREUS
48249 PNEUMONIA DUE TO STAPHYLOCOCCUS – OTHER STAPHYLOCOCCUS PNEUMONIA
4828 PNEUMONIA DUE TO OTHER SPECIFIED BACTERIA
48281 PNEUMONIA DUE TO OTHER SPECIFIED BACTERIA – ANAEROBES
48282 PNEUMONIA DUE TO OTHER SPECIFIED BACTERIA – EXCHERICHIA COLI [E COLI]
48283 PNEUMONIA DUE TO OTHER SPECIFIED BACTERIA – OTHER GRAM-NEGATIVE BACTERIA
48284 PNEUMONIA DUE TO OTHER SPECIFIED BACTERIA – LEGIONNAIRES' DISEASE
48289 PNEUMONIA DUE TO OTHER SPECIFIED BACTERIA – OTHER SPECIFIED BACTERIA

Failure to Rescue (PSI 4)

4829 BACTERIAL PNEUMONIA UNSPECIFIED
485 BRONCHOPNEUMONIA, ORGANISM UNSPECIFIED
486 PNEUMONIA, ORGANISM UNSPECIFIED
5070 DUE TO INHALATION OF FOOD OR VOMITUS
514 PULMONARY CONGESTION AND HYPOSTASIS

Exclude cases

- with preexisting condition (principal diagnosis or secondary diagnosis present on admission, if known) of pneumonia or 997.3
- with any diagnosis code for viral pneumonia
- MDC 4 (diseases/disorders of respiratory system)
- with any diagnosis of immunocompromised state.

ICD-9-CM Viral Pneumonia diagnosis codes:

4800 ADENOVIRAL PNEUMONIA
4801 RESPIRATORY SYNCYTIAL VIRAL PNEUMONIA
4802 PARAINFLUENZA VIRAL PNEUMONIA
4803 PNEUMONIA DUE TO SARS OCT03-
4808 VIRAL PNEUMONIA NOT ELSEWHERE CLASSIFIED
4809 VIRAL PNEUMONIA UNSPECIFIED
481 PNEUMOCOCCAL PNEUMONIA
4830 PNEUMONIA DUE TO MYCOPLASMA PNEUMONIAE
4831 PNEUMONIA DUE TO CHLAMYDIA
4838 PNEUMONIA DUE TO OTHER SPECIFIED ORGANISM
4841 PNEUMONIA IN CYTOMEGALIC INCLUSION DISEASE
4843 PNEUMONIA IN WHOOPING COUGH
4845 PNEUMONIA IN ANTHRAX
4846 PNEUMONIA IN ASPERGILLOSIS
4847 PNEUMONIA IN OTHER SYSTEMIC MYCOSES
4848 PNEUMONIA IN INFECTIOUS DISEASE NOT ELSEWHERE CLASSIFIED
4870 INFLUENZA W/ PNEUMONIA
4871 FLU W/ RESPIRATORY MANIFEST NOT ELSEWHERE CLASSIFIED
4878 FLU W/ MANIFESTATION NOT ELSEWHERE CLASSIFIED

ICD-9-CM Immunocompromised States diagnosis codes:

See Appendix D: ICD-9-CM Codes for Immunocompromised States

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI Detailed Definition.

FTR 4 - Sepsis

Include ICD-9-CM Sepsis diagnosis codes:

ICD-9-CM Sepsis diagnosis codes:

0380 STREPTOCOCCAL SEPTICEMIA
0381 STAPHYLOCOCCAL SEPTICEMIA
03810 STAPHYLOCOCCAL SEPTICEMIA, UNSPECIFIED
03811 STAPHYLOCOCCUS AUREUS SEPTICEMIA
03819 OTHER STAPHYLOCOCCAL SEPTICEMIA
0382 PNEUMOCOCCAL SEPTICEMIA (STREPTOCOCCUS PNEUMONIAE SEPTICEMIA)
0383 SEPTICEMIA DUE TO ANAEROBES

Septicemia due to:

Failure to Rescue (PSI 4)

03840 GRAM-NEGATIVE ORGANISM, UNSPECIFIED
03841 HEMOPHILUS INFLUENZAE
03842 ESCHERICHIA COLI
03843 PSEUDOMONAS
03844 SERRATIA
03849 SEPTICEMIA DUE TO OTHER GRAM-NEGATIVE ORGANISMS
0388 OTHER SPECIFIED SEPTICEMIAS
0389 UNSPECIFIED SEPTICEMIA
78552 SEPTIC SHOCK OCT03-
78559 SHOCK W/O MENTION OF TRAUMA- OTHER
99591 SYSTEMIC INFLAMMATORY RESPONSE SYNDROME DUE TO INFECTIOUS PROCESS W/O ORGAN DYSFUNCTION
99592 SYSTEMIC INFLAMMATORY RESPONSE SYNDROME DUE TO INFECTIOUS PROCESS W/ ORGAN DYSFUNCTION
9980 POSTOPERATIVE SHOCK

Exclude cases with the following combination: any diagnosis of immunocompromised state and principal diagnosis of infection or sepsis and patients with a length of stay 3 days or less.

See Appendix D: ICD-9-CM Codes for Immunocompromised States
See Appendix P: Infection Diagnosis Codes and DRGs

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI Detailed Definition.

FTR 5 - Shock or Cardiac Arrest

Include ICD-9-CM Shock or Cardiac Arrest diagnosis codes:

4275 CARDIAC ARREST
6395 COMPLICATIONS FOLLOWING ABORTION AND ECTOPIC AND MOLAR PREGNANCIES, SHOCK

Shock during or following labor and delivery:

66910 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY – UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE
66911 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY – DELIVERED, W/ OR W/O MENTION OF ANTEPARTUM CONDITION
66912 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY – DELIVERED, W/ MENTION OF POSTPARTUM COMPLICATION
66913 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY – ANTEPARTUM CONDITION OR COMPLICATION
66914 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY – POSTPARTUM CONDITION OR COMPLICATION
7855 SHOCK NOS
78550 SHOCK, UNSPECIFIED
78551 CARDIOGENIC SHOCK
78552 SEPTIC SHOCK OCT03-
78559 SHOCK W/O MENTION OF TRAUMA- OTHER
7991 RESPIRATORY ARREST
9950 OTHER ANAPHYLACTIC SHOCK
9954 SHOCK DUE TO ANESTHESIA
9980 POSTOPERATIVE SHOCK
9994 ANAPHYLACTIC SHOCK DUE TO SERUM

ICD-9-CM procedure codes:

Failure to Rescue (PSI 4)

9393 NONMECHANICAL METHODS OF RESUSCITATION
9960 CARDIOPULMONARY RESUSCITATION, NOS
9963 CLOSED CHEST CARDIAC MASSAGE

Exclude cases
- with diagnosis of hemorrhage, trauma, or GI hemorrhage
- MDC 4 (diseases/disorders of respiratory system)
- MDC 5 (diseases/disorders of circulatory system)
- with preexisting condition (principal diagnosis or secondary diagnosis present on admission, if known) of shock or cardiac arrest
- with abortion-related shock

See Appendix G: Hemorrhage Diagnosis Codes
See Appendix C: ICD-9-CM Trauma Diagnosis Codes
See Appendix J: Trauma DRGs
See Appendix I: ICD-9-CM Gastrointestinal (GI) Hemorrhage Diagnosis Codes

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI Detailed Definition.

ICD-9-CM Abortion-related Shock diagnosis codes:

63450 SPONTANEOUS ABORTION W/ SHOCK - UNSPECIFIED
63451 SPONTANEOUS ABORTION W/ SHOCK - INCOMPLETE
63452 SPONTANEOUS ABORTION W/ SHOCK - COMPLETE
63550 LEGAL ABORTION W/ SHOCK - UNSPECIFIED
63551 LEGAL ABORTION W/ SHOCK - INCOMPLETE
63552 LEGAL ABORTION W/ SHOCK - COMPLETE
63650 ILLEGAL ABORTION W/ SHOCK - UNSPECIFIED
63651 ILLEGAL ABORTION W/ SHOCK - INCOMPLETE
63652 ILLEGAL ABORTION W/ SHOCK - COMPLETE
63750 ABORTION NOS W/ SHOCK - UNSPECIFIED
63751 ABORTION NOS W/ SHOCK - INCOMPLETE
63752 ABORTION NOS W/ SHOCK - COMPLETE
6385 ATTEMPTED ABORTION W/ SHOCK

FTR 6 - GI Hemorrhage/Acute Ulcer

Include ICD-9-CM GI Hemorrhage/Acute Ulcer diagnosis codes:

4560 ESOPHAGEAL VARICES W/ BLEEDING
45620 ESOPHAGEAL VARICES IN DISEASES CLASSIFIED ELSEWHERE W/ BLEEDING
5307 GASTROESOPHAGEAL LACERATION-HEMORRHAGE SYNDROME
53082 ESOPHAGEAL HEMORRHAGE

Gastric ulcer:

53100 ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
53101 ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION
53110 ACUTE W/ PERFORATION – W/O MENTION OF OBSTRUCTION
53111 ACUTE W/ PERFORATION – W/ OBSTRUCTION
53120 ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
53121 ACUTE W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
53130 ACUTE W/O MENTION OF HEMORRHAGE OR PERFORATION – W/O MENTION OF OBSTRUCTION
53131 ACUTE W/O MENTION OF HEMORRHAGE OR PERFORATION – W/ OBSTRUCTION
53190 UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/O MENTION OF OBSTRUCTION

Failure to Rescue (PSI 4)
53191 UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/ OBSTRUCTION Duodenal ulcer: 53200 ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION 53201 ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION 53210 ACUTE W/ PERFORATION – W/O MENTION OF OBSTRUCTION 53211 ACUTE W/ PERFORATION – W/ OBSTRUCTION 53220 ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION 53221 ACUTE W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION 53230 ACUTE W/O MENTION OF HEMORRHAGE OR PERFORATION – W/O MENTION OF OBSTRUCTION 53231 ACUTE W/O MENTION OF HEMORRHAGE OR PERFORATION – W/ OBSTRUCTION 53290 UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/O MENTION OF OBSTRUCTION 53291 UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/ OBSTRUCTION Peptic ulcer: 53300 SITE UNSPECIFIED ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION 53301 SITE UNSPECIFIED ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION 53310 SITE UNSPECIFIED ACUTE W/ PERFORATION – W/O MENTION OF OBSTRUCTION 53311 SITE UNSPECIFIED ACUTE W/ PERFORATION – W/ OBSTRUCTION 53320 SITE UNSPECIFIED ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION 53321 SITE UNSPECIFIED ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION 53330 SITE UNSPECIFIED ACUTE W/O MENTION OF HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION 53331 SITE UNSPECIFIED ACUTE W/O MENTION OF HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION 53390 SITE UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/O MENTION OF OBSTRUCTION 53391 UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/ OBSTRUCTION Gastrojejunal ulcer: 53400 ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION 53401 ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION 53410 ACUTE W/ PERFORATION – W/O MENTION OF OBSTRUCTION 53411 ACUTE W/ PERFORATION – W/ OBSTRUCTION 53420 ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION 53421 ACUTE W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION 53430 ACUTE W/O MENTION OF HEMORRHAGE OR PERFORATION – W/O MENTION OF OBSTRUCTION 53431 ACUTE W/O MENTION OF HEMORRHAGE OR PERFORATION – W/ OBSTRUCTION 53490 UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/O MENTION OF OBSTRUCTION 53491 UNSPECIFIED AS ACUTE OR CHRONIC, W/O MENTION OF HEMORRHAGE OR PERFORATION – W/ OBSTRUCTION Gastritis and duodenitis: 53501 ACUTE GASTRITIS – W/ HEMORRHAGE 53511 ATROPHIC GASTRITIS – W/ HEMORRHAGE 53521 GASTRIC MUCOSAL HYPERTROPHY – W/ HEMORRHAGE 53531 ALCOHOLIC GASTRITIS – W/ HEMORRHAGE 53541 OTHER SPECIFIED GASTRITIS – W/ HEMORRHAGE

Failure to Rescue (PSI 4)

53551 UNSPECIFIED GASTRITIS AND GASTRODUODENITIS – W/ HEMORRHAGE
53561 DUODENITIS – W/ HEMORRHAGE
53783 ANGIODYSPLASIA OF STOMACH AND DUODENUM – W/ HEMORRHAGE
53784 DIEULAFOY LESION (HEMORRHAGIC) OF STOMACH AND DUODENUM
56202 DIVERTICULOSIS OF SMALL INTESTINE – W/ HEMORRHAGE
56203 DIVERTICULITIS OF SMALL INTESTINE – W/ HEMORRHAGE
56212 DIVERTICULOSIS OF COLON – W/ HEMORRHAGE
56213 DIVERTICULITIS OF COLON – W/ HEMORRHAGE

5693 HEMORRHAGE OF RECTUM AND ANUS
56985 ANGIODYSPLASIA OF INTESTINE – W/ HEMORRHAGE
56986 DIEULAFOY LESION (HEMORRHAGIC) OF INTESTINE
5780 HEMATEMESIS
5781 BLOOD IN STOOL
5789 HEMORRHAGE OF GASTROINTESTINAL TRACT, UNSPECIFIED

Exclude cases:

- with diagnosis of trauma
- MDC 6 (diseases and disorders of the digestive system)
- MDC 7 (diseases and disorders of the hepatobiliary system and pancreas)
- with preexisting condition (principal diagnosis or secondary diagnosis present on admission, if known) of GI hemorrhage/acute ulcer, alcoholism ,or an ICD-9-CM diagnosis codes of 280.0 or 285.1

See Appendix C: ICD-9-CM Trauma Diagnosis Codes
See Appendix J: Trauma DRGs

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI Detailed Definition.

2800 SECONDARY TO BLOOD LOSS [CHRONIC]
2851 ACUTE POSTHEMORRHAGIC ANEMIA

ICD-9-CM Alcoholism diagnosis codes:

2910 ALCOHOL WITHDRAWAL DELIRIUM
2911 ALCOHOL AMNESTIC SYNDROME
2912 OTHER ALCOHOLIC DEMENTIA
2913 ALCOHOL WITHDRAWAL HALLUCINOSIS
2914 IDIOSYNCRATIC ALCOHOL INTOXICATION
2915 ALCOHOLIC JEALOUSY
29181 OTHER SPECIFIED ALCOHOLIC PSYCHOSES, ALCOHOL WITHDRAWAL
29182 ALCOHOL INDUCED SLEEP DISORDERS OCT05-
29189 OTHER SPECIFIED ALCOHOLIC PSYCHOSES, OTHER
2919 UNSPECIFIED ALCOHOLIC PSYCHOSIS
30300 ACUTE ALCOHOLIC INTOXICATION - UNSPECIFIED
30301 ACUTE ALCOHOLIC INTOXICATION - CONTINUOUS
30302 ACUTE ALCOHOLIC INTOXICATION - EPISODIC
30303 ACUTE ALCOHOLIC INTOXICATION - IN REMISSION
30390 OTHER AND UNSPECIFIED ALCOHOL DEPENDENCE - UNSPECIFIED
30391 OTHER AND UNSPECIFIED ALCOHOL DEPENDENCE - CONTINUOUS
30392 OTHER AND UNSPECIFIED ALCOHOL DEPENDENCE - EPISODIC
30393 OTHER AND UNSPECIFIED ALCOHOL DEPENDENCE - IN REMISSION
30500 NONDEPENDENT ABUSE OF DRUGS, ALCOHOL ABUSE - UNSPECIFIED
30501 NONDEPENDENT ABUSE OF DRUGS, ALCOHOL ABUSE - CONTINUOUS
30502 NONDEPENDENT ABUSE OF DRUGS, ALCOHOL ABUSE - EPISODIC
30503 NONDEPENDENT ABUSE OF DRUGS, ALCOHOL ABUSE – IN REMISSION
4255 ALCOHOLIC CARDIOMYOPATHY

Failure to Rescue (PSI 4)	
53530	ALCOHOLIC GASTRITIS, W/O MENTION OF HEMORRHAGE
53531	ALCOHOLIC GASTRITIS, W/ HEMORRHAGE
5710	ALCOHOLIC FATTY LIVER
5711	ACUTE ALCOHOLIC HEPATITIS
5712	ALCOHOLIC CIRRHOSIS OF LIVER
5713	ALCOHOLIC LIVER DAMAGE, UNSPECIFIED
9800	TOXIC EFFECT OF ALCOHOL, ETHYL ALCOHOL
9809	TOXIC EFFECT OF ALCOHOL, UNSPECIFIED ALCOHOL

Foreign Body Left during Procedure, Secondary Diagnosis Field (PSI 5 and 21)

Numerator:

Discharges with ICD-9-CM codes for foreign body left in during procedure in any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

ICD-9-CM Foreign Body Left in During Procedure diagnosis codes:

9984	FOREIGN BODY ACCIDENTALLY LEFT DURING A PROCEDURE
9987	ACUTE REACTIONS TO FOREIGN SUBSTANCE ACCIDENTALLY LEFT DURING A PROCEDURE

Foreign body left in during:

E8710	SURGICAL OPERATION
E8711	INFUSION OR TRANSFUSION
E8712	KIDNEY DIALYSIS OR OTHER PERFUSION
E8713	INJECTION OR VACCINATION
E8714	ENDOSCOPIC EXAMINATION
E8715	ASPIRATION OF FLUID OR TISSUE, PUNCTURE, AND CATHETERIZATION
E8716	HEART CATHETERIZATION
E8717	REMOVAL OF CATHETER OR PACKING
E8718	OTHER SPECIFIED PROCEDURES
E8719	UNSPECIFIED PROCEDURE

Denominator:

All surgical and medical discharges 18 years and older **or** MDC 14 (pregnancy, childbirth, and puerperium) defined by specific DRGs

Surgical and Medical Discharge DRGs:

See Appendix B: Surgical Discharge DRGs
See Appendix F: Medical Discharge DRGs

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

Exclude patients with ICD-9-CM codes for foreign body left in during procedure in the principal diagnosis field or secondary diagnosis present on admission, if known.

Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22)

Numerator:

Discharges with ICD-9-CM code of 512.1 in any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

Denominator:

All surgical and medical discharges age 18 years and older defined by specific DRGs

See Appendix B: Surgical Discharge DRGs
See Appendix F: Medical Discharge DRGs

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

Exclude cases:

- with ICD-9-CM code of 512.1 in the principal diagnosis field or secondary diagnosis present on admission, if known.
- MDC 14 (pregnancy, childbirth, and puerperium)
- with diagnosis code of chest trauma or pleural effusion
- with an ICD-9-CM procedure code of diaphragmatic surgery repair
- with any code indicating thoracic surgery, lung or pleural biopsy, or assigned to cardiac surgery DRGs

ICD-9-CM Chest Trauma diagnosis codes:

80700	FRACTURE RIB NOS-CLOSED	8621	DIAPHRAGM INJURY-OPEN
80701	FRACTURE ONE RIB-CLOSED	86221	BRONCHUS INJURY-CLOSED
80702	FRACTURE TWO RIBS-CLOSED	86222	ESOPHAGUS INJURY-CLOSED
80703	FRACTURE THREE RIBS-CLOS	86229	INTRATHORACIC INJ NEC-CL
80704	FRACTURE FOUR RIBS-CLOSE	86231	BRONCHUS INJURY-OPEN
80705	FRACTURE FIVE RIBS-CLOSE	86232	ESOPHAGUS INJURY-OPEN
80706	FRACTURE SIX RIBS-CLOSED	86239	INTRATHORAC INJ NEC-OPEN
80707	FRACTURE SEVEN RIBS-CLOS	8628	INTRATHORACIC INJ NOS-CL
80708	FX EIGHT/MORE RIB-CLOSED	8629	INTRATHORAC INJ NOS-OPEN
80709	FX MULT RIBS NOS-CLOSED	8750	OPEN WOUND OF CHEST
80710	FRACTURE RIB NOS-OPEN	8751	OPEN WOUND CHEST-COMPL
80711	FRACTURE ONE RIB-OPEN	8760	OPEN WOUND OF BACK
80712	FRACTURE TWO RIBS-OPEN	8761	OPEN WOUND BACK-COMPL
80713	FRACTURE THREE RIBS-OPEN	9010	INJURY THORACIC AORTA
80714	FRACTURE FOUR RIBS-OPEN	9011	INJ INNOMIN/SUBCLAV ART
80715	FRACTURE FIVE RIBS-OPEN	9012	INJ SUPERIOR VENA CAVA
80716	FRACTURE SIX RIBS-OPEN	9013	INJ INNOMIN/SUBCLAV VEIN
80717	FRACTURE SEVEN RIBS-OPEN	90140	INJ PULMONARY VESSEL NOS
80718	FX EIGHT/MORE RIBS-OPEN	90141	INJURY PULMONARY ARTERY
80719	FX MULT RIBS NOS-OPEN	90142	INJURY PULMONARY VEIN
8072	FRACTURE OF STERNUM-CLOS	90181	INJ INTERCOSTAL ART/VEIN
8073	FRACTURE OF STERNUM-OPEN	90182	INJ INT MAMMARY ART/VEIN
8074	FLAIL CHEST	90183	INJ MULT THORACIC VESSEL
8075	FX LARYNX/TRACHEA-CLOSED	90189	INJ THORACIC VESSEL NEC
8076	FX LARYNX/TRACHEA-OPEN	9019	INJ THORACIC VESSEL NOS

Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22)

8090	FRACTURE TRUNK BONE-CLOS	9110	ABRASION TRUNK
8091	FRACTURE TRUNK BONE-OPEN	9111	ABRASION TRUNK-INFECTED
8600	TRAUM PNEUMOTHORAX-CLOSE	9118	SUPERFIC INJU TRUNK NEC
8601	TRAUM PNEUMOTHORAX-OPEN	9119	SUPERFIC INJU TRUNK NEC-INF
8602	TRAUM HEMOTHORAX-CLOSED	9220	CONTUSION OF BREAST
8603	TRAUM HEMOTHORAX-OPEN	9221	CONTUSION OF CHEST WALL
8604	TRAUM PNEUMOHEMOTHOR-CL	9223	BACK CONTUSION
8605	TRAUM PNEUMOHEMOTHOR-OPN	92231	BACK CONTUSION
86100	HEART INJURY NOS-CLOSED	92233	INTERSCPLR REG CONTUSION
86101	HEART CONTUSION-CLOSED	9228	MULIPLE CONTUSION TRUNK
86102	HEART LACERATION-CLOSED	9229	CONTUSION OF TRUNK
86103	HEART CHAMBER LACERAT-CL	92611	CRUSHING INJURY BACK
86110	HEART INJURY NOS-OPEN	92619	CRUSHING INJ TRUNK NEC
86111	HEART CONTUSION-OPEN	9268	MULT CRUSHING INJ TRUNK
86112	HEART LACERATION-OPEN	9269	CRUSHING INJ TRUNK NOS
86113	HEART CHAMBER LACER-OPN	9290	CRUSH INJ MULT SITE NEC
86120	LUNG INJURY NOS-CLOSED	9299	CRUSHING INJURY NOS
86121	LUNG CONTUSION-CLOSED	9541	INJ SYMPA NERVE NEC
86122	LUNG LACERATION-CLOSED	9548	INJURY TRUNK NERVE NEC
86130	LUNG INJURY NOS-OPEN	9549	INJURY TRUNK NERVE NOS
86131	LUNG CONTUSION-OPEN	95911	INJURY OF CHEST WALL NEC
86132	LUNG LACERATION-OPEN	95919	TRUNK INJURY-SITES NEC
8620	DIAPHRAGM INJURY-CLOSED	9599	INJURY-SITE NOS

ICD-9-CM Pleural Effusion diagnosis codes:

0101	TUBERCULOUS PLEURISY IN PRIMARY PROGRESSIVE TUBERCULOSIS
01010	TUBERCULOUS PLEURISY IN PRIMARY PROGRESSIVE TUBERCULOSIS, UNSPECIFIED
01011	TPIPPT, BACTERIAL OR HISTOLOGICAL EXAM NOT DONE
01012	TPIPPT, BACTERIAL OR HISTOLOGICAL EXAM UNKNOWN
01013	TPIPPT, TUBERCLE BACILI FOUND BY MICROSCOPY
01014	TPIPPT, TUBERCLE BACILI NOT FOUND BY MICROSCOPY BUT BY BACTERIAL CULTURE
01015	TPIPPT, TUBERCLE BACILI NOT FOUND BY BACTERIOLOGICAL BUT CONFIRMED HISTOLOGICALLY
01016	TPIPPT, TUBERCLE BACILI NOT FOUND BY BACTERILOGICAL OR HISTOLOGICAL BUT CONFIRMED OTHER METHODS
0117	TUBRCULOUS PNEUMOTHORAX
01170	TUBRCULOUS PNEUMOTHORAX, UNSPECIFIED
01171	TPNEU, BACTERIAL OR HISTOLOGICAL EXAM NOT DONE
01172	TPNEU, BACTERIAL OR HISTOLOGICAL EXAM UNKNOWN
01173	TPNEU, TUBERCLE BACILI FOUND BY MICROSCOPY
01174	TPNEU, TUBERCLE BACILI NOT FOUND BY MICROSCOPY BUT BY BACTERIAL CULTURE
01175	TPNEU, TUBERCLE BACILI NOT FOUND BY BACTERIOLOGICAL BUT CONFIRMED HISTOLOGICALLY
01176	TPENU, TUBERCLE BACILI NOT FOUND BY BACTERILOGICAL OR HISTOLOGICAL BUT CONFIRMED OTHER METHODS
0120	TUBERCULOUS PLEURISY
01200	TUBERCULOUS PLEURISY, UNSPECIFIED
01201	TP, BACTERIAL OR HISTOLOGICAL EXAM NOT DONE
01202	TP, BACTERIAL OR HISTOLOGICAL EXAM UNKNOWN

Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22)

01203	TP, TUBERCLE BACILI FOUND BY MICROSCOPY
01204	TP, TUBERCLE BACILI NOT FOUND BY MICROSCOPY BUT BY BACTERIAL CULTURE
01205	TP, TUBERCLE BACILI NOT FOUND BY BACTERIOLOGICAL BUT CONFIRMED HISTOLOGICALLY
01206	TP, TUBERCLE BACILI NOT FOUND BY BACTERILOGICAL OR HISTOLOGICAL BUT CONFIRMED OTHER METHODS
1972	SECOND MALIG NEO PLEURA
5111	WITH EFUSION, WITH MENTION OF A BACTERIAL CAUSE OTHER THAN TUBERCULOSIS
5118	OTHER SPECIFIED FORM OF EFFUSION, EXCEPT TUBERCULOUS
5119	UNSPECIFIED PLEURAL EFFUSION

ICD-9-CM Thoracic Surgery procedure codes:

3121	MEDIASTINAL TRACHEOSTOMY
3223	OPEN ABLTN LUNG LES/TISS OCT06-
3224	PERC ABLTN LUNG LES/TISS OCT06-
3225	THOR ABLTN LUNG LES/TISS OCT06-
3226	ABLTN LUNG TISS NEC/NOS OCT06-
3145	OPEN BIOPSY OF LARYNX OR TRACHEA
3173	CLOSURE OF OTHER FISTULA OF TRACHEA
3179	OTHER REPAIR AND PLASTIC OPERATIONS ON TRACHEA
3199	OTHER OPERATIONS ON TRACHEA
3209	OTHER LOCAL EXCISION OR DESTRUCTION OF LESION OR TISSUE OF BRONCHUS
321	OTHER EXCISION OF BRONCHUS

Local excision or destruction of lesion or tissue of lung:

3221	PLICATION OF EMPHYSEMATIOUS BLEB
3222	LUNG VOLUME REDUCTION SURGERY
3228	ENDOSCOPIC EXCISION OR DESTRUCTION OF LESION OR TISSUE OF LUNG
3229	OTHER LOCAL EXCISION OR DESTRUCTION OF LESION OR TISSUE OF LUNG
323	SEGMENTAL RESECTION OF LUNG
324	LOBECTOMY OF LUNG
325	COMPLETE PNEUMONECTOMY
326	RADICAL DISSECTION OF THORACIC STRUCTURES
329	OTHER EXCISION OF LUNG
330	INCISION OF BRONCHUS
331	INCISION OF LUNG
3325	OPEN BIOPSY OF BRONCHUS
3326	CLOSE [PERCUTANEOUS][NEEDLE] BIOPSY OF LUNG
3327	CLOSED ENDOSCOPIC BIOPSY OF LUNG
3328	OPEN BIOPSY OF LUNG
3331	DESTRUCTION OF PHRENIC NERVE FOR COLLAPSE OF LUNG (NO LONGER PERFORMED)
3332	ARTIFICIAL PNEUMOTHORAX FOR COLLAPSE OF LUNG
3334	THORACOPLASTY
3339	OTHER SURGICAL COLLAPSE OF LUNG

Repair and plastic operation on lung and bronchus:

3341	SUTURE OF LACERATION OF BRONCHUS
3342	CLOSURE OF BRONCHIAL FISTULA
3343	CLOSURE OF LACERATION OF LUNG
3348	OTHER REPAIR AND PLASTIC OPERATIONS ON BRONCHUS
3349	OTHER REPAIR AND PLASTIC OPERATIONS ON LUNG

Lung transplant:

Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22)

335 LUNG TRANSPLANTATION
3350 LUNG TRANSPLANTATION, NOS
3351 UNILATERAL LUNG TRANSPLANTATION
3352 BILATERAL LUNG TRANSPLANTATION
336 COMBINED HEART-LUNG TRANSPLANTATION
3392 LIGATION OF BRONCHUS
3393 PUNCTURE OF LUNG
3398 OTHER OPERATIONS ON BRONCHUS
3399 OTHER OPERATIONS ON LUNG
3329 OTHER DIAGNOSTIC PROCEDURE ON LUNG AND BRONCHUS
3333 PNEUMOPERITONEUM FOR COLLAPSE OF LUNG
3401 INCISION OF CHEST WALL
3402 EXPLORATORY THORACOTOMY
3403 REOPENING OF RECENT THORACOTOMY SITE
3405 CREATION OF PLEUROPERITONEAL SHUNT
3409 OTHER INCISION OF PLEURA
341 INCISION OF MEDIASTINUM

Diagnostic procedures on chest wall, pleura, mediastinum, and diaphragm:

3421 TRANSPLEURAL THORACOSOCOPY
3422 MEDIASTINOSCOPY
3423 BIOPSY OF CHEST WALL
3424 PLEURAL BIOPSY
3425 CLOSED [PERCUTANEOUS][NEEDLE] BIOPSY OF MEDIASTINUM
3426 OPEN BIOPSY OF MEDIASTINUM
3427 BIOPSY OF DIAPHRAGM
3428 OTHER DIAGNOSTIC PROCEDURES ON CHEST WALL, PLEURA, AND DIAPHRAGM
3429 OTHER DIAGNOSTIC PROCEDURES ON MEDIASTINUM
343 EXCISION OR DESTRUCTION OF LESION OR TISSUE OF MEDIASTINUM
344 EXCISION OR DESTRUCTION OF LESION OF CHEST WALL
3451 DECORTICATION OF LUNG
3459 OTHER EXCISION OF PLEURA

Repair of chest wall:

3471 SUTURE OF LACERATION OF CHEST WALL
3472 CLOSURE OF THORACOSTOMY
3473 CLOSURE OF OTHER FISTULA OF THORAX
3474 REPAIR OF PECTUS DEFORMITY
3479 OTHER REPAIR OF CHEST WALL

Operations on diaphragm:

3481 EXCISION OF LESION OR TISSUE OF DIAPHRAGM
3482 SUTURE OF LACERATION OF DIAPHRAGM
3483 CLOSURE OF FISTULA OF DIAPHRAGM
3484 OTHER REPAIR OF DIAPHRAGM
3485 IMPLANTATION OF DIAPHRAGMATIC PACEMAKER
3489 OTHER OPERATIONS ON DIAPHRAGM
3493 REPAIR OF PLEURA
3499 OTHER OPERATIONS ON THORAX, OTHER
537 ABD REPAIR-DIAPHR HERNIA
5380 THOR REP-DIAPH HERN NOS
5381 DIAPHRAGMATIC PLICATION
5382 PARASTERN HERNIA REPAIR

Operations on thoracic duct:

Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22)
4061 CANNULATION OF THORACIC DUCT 4062 FISTULIZATION OF THORACIC DUCT 4063 CLOSURE OF FISTULA OF THORACIC DUCT 4064 LIGATION OF THORACIC DUCT 4069 OTHER OPERATIONS ON THORACIC DUCT Esophagotomy: 4201 INCISION OF ESOPHAGEAL WEB 4209 OTHER INCISION OF ESOPHAGUS 4210 ESOPHAGOSTOMY, NOS 4211 CERVICAL ESOPHAGOSTOMY 4212 EXTERIORIZATION OF ESOPHAGEAL POUCH 4219 OTHER EXTERNAL FISTULIZATION OF ESOPHAGUS 4221 OPERATIVE ESOPHAGOSCOPY BY INCISION 4225 OPEN BIOPSY OF ESOPHAGUS 4231 LOCAL EXCISION OF ESOPHAGEAL DIVERTICULUM 4232 LOCAL EXCISION OF OTHER LESION OR TISSUE OF ESOPHAGUS 4239 OTHER DESTRUCTION OF LESION OR TISSUE OF ESOPHAGUS Excision of esophagus: 4240 ESOPHAGECTOMY, NOS 4241 PARTIAL ESOPHAGECTOMY 4242 TOTAL ESOPHAGECTOMY Intrathoracic anastomosis of exophagus 4251 INTRATHORACIC ESOPHAGOESOPHAGOSTOMY 4252 INTRATHORACIC ESOPHAGOGASTROSTOMY 4253 INTRATHORACIC ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF SMALL BOWEL 4254 OTHER INTRATHORACIC ESOPHAGOENTEROSTOMY 4255 INTRATHORACIC ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF COLON 4256 OTHER INTRATHORACIC ESOPHAGOCOLOSTOMY 4258 INTRATHORACIC ESOPHAGEAL ANASTOMOSIS W/ OTHER INTERPOSITION 4259 OTHER INTRATHORACIC ANASTOMOSIS OF ESOPHAGUS Antesternal anastomosis 4261 ANTESTERNAL ESOPHAGOESOPHAGOSTOMY 4262 ANTESTERNAL ESOPHAGOGASTROSTOMY 4263 ANTESTERNAL ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF SMALL BOWEL 4264 OTHER ANTESTERNAL ESOPHAGOENTEROSTOMY 4265 ANTESTERNAL ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF COLON 4266 OTHER ANTESTERNAL ESOPHAGOCOLOSTOMY 4268 OTHER ANTESTERNAL ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION 4269 OTHER ANTESTERNAL ANASTOMOSIS OF ESOPHAGUS 427 ESOPHAGOMYOTOMY Other repair of esophagus 4281 INSERTION OF PERMANENT TUBE INTO ESOPHAGUS 4282 SUTURE OF LACERATION OF ESOPHAGUS 4283 CLOSURE OF ESOPHAGOSTOMY 4284 REPAIR OF ESOPHAGEAL FISTULA, NEC 4285 REPAIR OF ESOPHAGEAL STRICTURE 4286 PRODUCTION OF SUBCUTANEOUS TUNNEL W/O ESOPHAGEAL ANASTOMOSIS 4287 OTHER GRAFT OF ESOPHAGUS

Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22)	
4289	OTHER REPAIR OF ESOPHAGUS
4465	ESOPHAGOGASTROPLASTY
4466	OTHER PROCEDURES FOR CREATION OF ESOPHAGOGASTRIC SPHINCTERIC COMPETENCE
8104	DORSAL AND DORSO-LUMBAR FUSION, ANTERIOR TECHNIQUE
8134	REFUSION OF DORSAL AND DORSOLUMBAR SPINE, ANTERIOR TECHNIQUE
ICD-9-CM Lung or Pleural Biopsy procedure codes:	
3326	CLOSED [PERCUTANEOUS] [NEEDLE] BIOPSY OF LUNG
3328	OPEN BIOPSY OF LUNG
3424	PLEURAL BIOPSY
Cardiac Surgery DRGs:	
103	HEART TRANSPLANT
104	CARDIAC VALVE AND OTHER MAJOR CARDIOTHORACIC PROCEDURES W/ CARDIAC CATHETERIZATION
105	CARDIAC VALVE AND OTHER MAJOR CARDIOTHORACIC PROCEDURES W/O CARDIAC CATHETERIZATION
106	CORONARY BYPASS W/ PTCA
107	CORONARY BYPASS W/ CARDIAC CATHETERIZATION
108	OTHER CARDIOTHORACIC PROCEDURES
109	CORONARY BYPASS W/O CARDIAC CATHETERIZATION
110	MAJOR CARDIOVASCULAR PROCEDURES W/ CC
111	MAJOR CARDIOVASCULAR PROCEDURES W/O CC
525	HEART ASSIST SYSTEM IMPLANT (OCT 02)
547	CORONARY BYPASS W CARDIAC CATH W MAJOR CV DX OCT05-
548	CORONARY BYPASS W CARDIAC CATH W/O MAJOR CV DX OCT05-
549	CORONARY BYPASS W/O CARDIAC CATH W MAJOR CV DX OCT05-
550	CORONARY BYPASS W/O CARDIAC CATH W/O MAJOR CV DX OCT05-

Selected Infections Due to Medical Care, Secondary Diagnosis Field (PSI 7 and 23)

Numerator:

Discharges with ICD-9-CM code of 999.3 or 996.62 in any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

Denominator:

All surgical and medical discharges, 18 years and older **or** MDC 14 (pregnancy, childbirth, and puerperium), defined by specific DRGs

See Appendix B: Surgical Discharge DRGs
See Appendix F: Medical Discharge DRGs

Exclude cases:

- with ICD-9-CM code of 999.3 or 996.62 in the principal diagnosis field or secondary diagnosis present on admission, if known
- with length of stay less than 2 days
- with any code for immunocompromised state or cancer
- with cancer DRG

See Appendix D: ICD-9-CM Codes for Immunocompromised States

Selected Infections Due to Medical Care, Secondary Diagnosis Field (PSI 7 and 23)

See Appendix E: Cancer Codes
See Appendix Q: Cancer DRGs

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

Postoperative Hip Fracture (PSI 8)

Numerator:

Discharges with ICD-9-CM code for hip fracture in any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

ICD-9-CM Hip Fracture diagnosis codes (includes all 5th digits):

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

Denominator:

All surgical discharges age 18 and older defined by specific DRGs and an ICD-9-CM code for an operating room procedure.

See Appendix A: Operating Room Procedure Codes
See Appendix B: Surgical Discharge DRGs

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI detailed definition.

Exclude cases:

- with ICD-9-CM code for hip fracture (see Numerator) in the principal diagnosis field or secondary diagnosis present on admission, if known
- where the only operating room procedure is hip fracture repair
- where a procedure for hip fracture repair occurs before or on the same day as the first operating room procedure
  Note: If day of procedure is not available in the input data file, the rate may be slightly lower than if the information was available
- with diseases and disorders of the musculoskeletal system and connective tissue (MDC 8)
- with principal diagnosis (or secondary diagnosis present on admission, if known) of seizure,

Postoperative Hip Fracture (PSI 8)

syncope, stroke, coma, cardiac arrest, poisoning, trauma, delirium and other psychoses, or anoxic brain injury

- with any diagnosis of metastatic cancer, lymphoid malignancy or bone malignancy, or self-inflicted injury
- MDC14 (pregnancy, childbirth, and puerperium)

See Appendix C: ICD-9-CM Trauma Diagnosis Codes
See Appendix J: Trauma DRGs
See Appendix L: Self-Inflicted Injury Diagnosis Codes

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

ICD-9-CM Hip Fracture Repair procedure codes:

7855 INTERNAL FIXATION-FEMUR
7915 CLOSED RED-INT FIX FEMUR
7925 OPEN REDUCTION-FEMUR FX
7935 OPEN REDUC-INT FIX FEMUR
8151 TOTAL HIP REPLACEMENT
8152 PARTIAL HIP REPLACEMENT

ICD-9-CM Seizure diagnosis codes:

34500 GENERALIZED NONCONVULSIVE EPILEPSY – W/O MENTION OF INTRACTABLE EPILEPSY
34501 GENERALIZED NONCONVULSIVE EPILEPSY – W/ INTRACTABLE EPILEPSY
34510 GENERALIZED CONVULSIVE EPILEPSY – W/O MENTION OF INTRACTABLE EPILEPSY
34511 GENERALIZED CONVULSIVE EPILEPSY – W/ INTRACTABLE EPILEPSY
3452 EPILEPSY – PETIT MAL STATUS
3453 EPILEPSY – GRAND MAL STATUS
34540 PARTIAL EPILEPSY, W/ IMPAIRMENT OF CONSCIOUSNESS – W/O INTRACTABLE EPILEPSY
34541 PARTIAL EPILEPSY, W/ IMPAIRMENT OF CONSCIOUSNESS – W/ MENTION OF INTRACTABLE EPILEPSY
34550 PARTIAL EPILEPSY, W/O MENTION OF IMPAIRMENT OF CONSCIOUSNESS – W/O MENTION OF INTRACTABLE EPILEPSY
34551 PARTIAL EPILEPSY, W/O MENTION OF IMPAIRMENT OF CONSCIOUSNESS – W/ INTRACTABLE EPILEPSY
34560 INFANTILE SPASMS – W/O MENTION OF INTRACTABLE EPILEPSY
34561 INFANTILE SPASMS – W/ INTRACTABLE EPILEPSY
34570 EPILEPSIA PARTIALIS CONTINUA – W/O MENTION OF INTRACTABLE EPILEPSY
34571 EPILEPSIA PARTIALIS CONTINUA – W/ INTRACTABLE EPILEPSY
34580 OTHER FORMS OF EPILEPSY – W/O MENTION OF INTRACTABLE EPILEPSY
34581 OTHER FORMS OF EPILEPSY – W/ INTRACTABLE EPILEPSY
34590 EPILEPSY, UNSPECIFIED – W/O MENTION OF INTRACTABLE EPILEPSY
34591 EPILEPSY, UNSPECIFIED – W/ INTRACTABLE EPILEPSY
7803 CONVULSIONS
78031 FEBRILE CONVULSIONS
78032 COMPLX FEBRILE CONVULSNS OCT06-
78039 OTHER CONVULSIONS
7803 CONVULSIONS (OLD CODE NO LONGER VALID)

ICD-9-CM Syncope diagnosis codes:

7802 SYNCOPE AND COLLAPSE

ICD-9-CM Stroke diagnosis codes:

Postoperative Hip Fracture (PSI 8)

430 SUBARACHNOID HEMORRHAGE
431 INTRACEREBRAL HEMORRHAGE
4320 NONTRAUMATIC EXTRADURAL HEMORRHAGE
4321 SUBDURAL HEMORRHAGE
4329 UNSPECIFIED INTRACRANIAL HEMORRHAGE
436 ACUTE, BUT ILL-DEFINED CEREBROVASCULAR DISEASE
99702 POSTOPERATIVE CEREBROVASCULAR ACCIDENT

Occlusion and stenosis of precerebral arteries:

43301 BASILAR ARTERY, W/ CEREBRAL INFARCTION
43311 CAROTID ARTERY, W/ CEREBRAL INFARCTION
43321 VERTEBRAL ARTERY - W/ CEREBRAL INFARCTION
43331 MULTIPLE AND BILATERAL W/ CEREBRAL INFARCTION
43381 OTHER SPECIFIED PRECEREBRAL ARTERY W/ CEREBRAL INFARCTION
43391 OCCLUSION AND STENOSIS OF PRECEREBRAL ARTERIES, UNSPECIFIED PRECEREBRAL ARTERY W/ CEREBRAL INFARCTION

Occlusion of cerebral arteries:

43401 CEREBRAL THROMBOSIS – W/ CEREBRAL INFARCTION
43411 CEREBRAL EMBOLISM – W/ CEREBRAL INFARCTION
43491 CEREBRAL ARTERY OCCLUSION, UNSPECIFIED - W/ CEREBRAL INFARCTION

ICD-9-CM Coma diagnosis codes:

25020 DIABETES W/ HYPEROSMOLARITY, TYPE 2 [NONINSULIN DEPENDENT TYPE][NIDDM TYPE][ADULT-ONSET] OR UNSPECIFIED TYPE, NOT STATED AS UNCONTROLLED
25021 DIABETES W/ HYPEROSMOLARITY, TYPE 1 [INSULIN DEPENDENT TYPE][IDDM-TYPE] [JUVENILE TYPE], NOT STATED AS UNCONTROLLED
25022 DIABETES W/ HYPEROSMOLARITY, TYPE 2
25023 DIABETES MELLITUS, DIABETES W/ HYPEROSMOLARITY, TYPE 1 [INSULIN DEPENDENT TYPE][IDDM-TYPE][JUVENILE TYPE] UNCONTROLLED
25030 DIABETES W/ OTHER COMA, TYPE 2 NOT STATED AS UNCONTROLLED
25031 DIABETES W/ OTHER COMA, TYPE 1 NOT STATED AS UNCONTROLLED
25032 DIABETES MELLITUS, DIABETES W/ OTHER COMA, TYPE 2 UNCONTROLLED
25033 DIABETES MELLITUS, DIABETES W/ OTHER COMA, TYPE 1 UNCONTROLLED
2510 OTHER DISORDERS OF PANCREATIC INTERNAL SECRETION, HYPOGLYCEMIC COMA
5722 LIVER ABSCESS AND SEQUELAE OF CHRONIC LIVER DISEASE, HEPATIC COMA
78001 GENERAL SYMPTOMS, ALTERATION OF CONSCIOUSNESS, COMA
78003 GENERAL SYMPTOMS, ALTERATION OF CONSCIOUSNESS PERSISTENT VEGETATIVE STATE

ICD-9-CM Cardiac Arrest diagnosis code:

4275 CARDIAC ARREST

ICD-9-CM Poisoning diagnosis codes (includes 4th and 5th digits):

960 POISONING BY ANTIBIOTICS
961 POISONING BY OTHER ANTI-INFECTIVES
962 POISONING BY HORMONES AND SYNTHETIC SUBSTITUTES
963 POISONING BY PRIMARILY SYSTEMIC AGENTS
964 POISONING BY AGENTS PRIMARILY AFFECTING BLOOD CONSTITUENTS
965 POISONING BY ANALGESICS, ANTIPYRETICS, AND ANTIRHEUMATICS
966 POISONING BY ANTICONVULSANTS AND ANTI-PARKINSONISM DRUGS
967 POISONING BY SEDATIVES AND HYPNOTICS
968 POISONING BY OTHER CENTRAL NERVOUS SYSTEM DEPRESSANTS AND ANESTHETICS
969 POISONING BY PSYCHOTROPIC AGENTS

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970 POISONING BY CENTRAL NERVOUS SYSTEM STIMULANTS
971 POISONING BY DRUGS PRIMARILY AFFECTING THE AUTONOMIC NERVOUS SYSTEM
972 POISONING BY AGENTS PRIMARILY AFFECTING THE CARDIOVASCULAR SYSTEM
973 POISONING BY AGENTS PRIMARILY AFFECTING THE GASTROINTESTINAL SYSTEM
974 POISONING BY WATER, MINERAL, AND URIC ACID METABOLISM DRUGS
975 POISONING BY AGENTS PRIMARILY ACTING ON THE SMOOTH AND SKELETAL MUSCLES AND RESPIRATORY SYSTEM
976 POISONING BY AGENTS PRIMARILY AFFECTING SKIN AND MUCOUS MEMBRANE, OPTHAMOLOGICAL, OTORHINOLARYNCOLOGICAL AND DENTAL DRUGS
977 POISONING BY OTHER AND UNSPECIFIED DRUGS AND MEDICINAL SUBSTANCES
978 POISONING BY BACTERIAL VACCINES
979 POISONING BY OTHER VACCINES AND BIOLOGICAL SUBSTANCES
E850 ACCIDENTAL POISONING BY ANALGESICS, ANTIPYRETICS, AND ANTIRHEUMATICS
E851 ACCIDENTAL POISONING BY BARBITURATES
E852 ACCIDENTAL POISONING BY OTHER SEDATIVES AND HYPNOTICS
E853 ACCIDENTAL POISONING BY TRANQUILIZERS
E854 ACCIDENTAL POISONING BY OTHER PSYCHOTROPIC AGENTS
E855 ACCIDENTAL POISONING BY OTHER DRUGS ACTING ON CENTRAL AND AUTONOMIC NERVOUS SYSTEM
E856 ACCIDENTAL POISONING BY ANTIBIOTICS
E857 ACCIDENTAL POISONING BY OTHER ANTI-INFECTIVES
E858 ACCIDENTAL POISONING BY OTHER DRUGS
E860 ACCIDENTAL POISONING BY ALCOHOL, NEC
E861 ACCIDENTAL POISONING BY CLEANING AND POLISHING AGENTS, DISINFECTANTS, PAINTS, AND VARNISHES
E862 ACCIDENTAL POISONING BY PETROLEUM PRODUCTS, OTHER SOLVENTS AND THEIR VAPORS, NEC
E863 ACCIDENTAL POISONING BY AGRICULTURAL AND HORTICULTURAL CHEMICAL AND PHARMACEUTICAL PREPARATIONS OTHER THAN PLANT FOODS AND FERTILIZERS
E864 ACCIDENTAL POISONING BY CORROSIVES AND CAUSTICS, NEC
E865 ACCIDENTAL POISONING FROM POISONOUS FOODSTUFFS AND POISONOUS PLANTS
E866 ACCIDENTAL POISONING BY OTHER AND UNSPECIFIED SOLID AND LIQUID SUBSTANCES
E867 ACCIDENTAL POISONING BY GAS DISTRIBUTED BY PIPELINE
E868 ACCIDENTAL POISONING BY OTHER UTILITY GAS AND OTHER CARBON MONOXIDE
E869 ACCIDENTAL POISONING BY OTHER GASES AND VAPORS
E951 SUICIDE AND SELF-INFLICTED POISONING BY GASES IN DOMESTIC USE
E952 SUICIDE AND SELF-INFLICTED POISONING BY OTHER GASES AND VAPORS
E962 ASSAULT BY POISONING
E980 POISONING BY SOLID OR LIQUID SUBSTANCES, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED
E981 POISONING BY GASES IN DOMESTIC USE, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED
E982 POISONING BY OTHER GASES, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED

ICD-9-CM Delirium and Other Psychoses diagnosis codes (includes 4th and 5th digits):

290 SENILE AND PRESENILE ORGANIC PSYCHOTIC CONDITIONS
291 ALCOHOLIC PSYCHOSES
292 DRUG PSYCHOSES
29285 DRUG INDUCED SLEEP DISORDERS OCT05-
293 TRANSIENT ORGANIC PSYCHOTIC CONDITIONS
294 OTHER ORGANIC PSYCHOTIC CONDITIONS
295 SCHIZOPHRENIC DISORDERS
296 AFFECTIVE PSYCHOSES
297 PARANOID STATES
298 OTHER NONORGANIC PSYCHOSES
299 PSYCHOSES W/ ORIGIN SPECIFIC TO CHILDHOOD

Postoperative Hip Fracture (PSI 8)

ICD-9-CM Anoxic Brain Injury diagnosis code:

3481 ANOXIC BRAIN DAMAGE

ICD-9-CM Metastatic Cancer diagnosis codes (includes 4th and 5th digits):

196 SECONDARY AND UNSPECIFIED MALIGNANT NEOPLASM OF LYMPH NODES
197 SECONDARY MALIGNANT NEOPLASM OF RESPIRATORY AND DIGESTIVE SYSTEMS
198 SECONDARY MALIGNANT NEOPLASM OF OTHER SPECIFIED SITES
1990 MALIGNANT NEOPLASM W/O SPECIFICATION OF SITE, DISSEMINATED

ICD-9-CM Lymphoid Malignancy diagnosis codes (includes 4th and 5th digits):

200 LYMPHOSARCOMA AND RETICULOSARCOMA
201 HODGKIN'S DISEASE
202 OTHER MALIGNANT NEOPLASMS OF LYMPHOID AND HISTIOCYTIC TISSUE
203 MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS
204 LYMPHOID LEUKEMIA
205 MYELOID LEUKEMIA
206 MONOCYTIC LEUKEMIA
207 OTHER SPECIFIED LEUKEMIA
208 LEUKEMIA OF UNSPECIFIED CELL TYPE

ICD-9-CM Bone Malignancy diagnosis code (includes 4th and 5th digits):

170 MALIGNANT NEOPLASM OF BONE AND ARTICULAR CARTILAGE

Postoperative Hemorrhage or Hematoma (PSI 9 and 27)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator with the following:

- CD-9-CM code for postoperative hemorrhage <u>or</u> postoperative hematoma in any secondary diagnosis field

AND

- ICD-9-CM code for postoperative control of hemorrhage <u>or</u> for drainage of hematoma in any procedure code field.

ICD-9-CM Postoperative Hemorrhage diagnosis code:

99811 HEMORRHAGE COMPLICATING A PROCEDURE

ICD-9-CM Postoperative Hematoma diagnosis code:

99812 HEMATOMA COMPLICATING A PROCEDURE

ICD-9-CM Control of Postoperative Hemorrhage procedure codes:

287 CONTROL OF HEMORRHAGE AFTER TONSILLECTOMY AND ADENOIDECTOMY
3880 OTHER SURGICAL OCCLUSION OF UNSPECIFIED SITE
3881 OTHER SURGICAL OCCLUSION OF INTRACRANIAL VESSELS
3882 OTHER SURGICAL OCCLUSION OF OTHER VESSELS OF HEAD AND NECK

Postoperative Hemorrhage or Hematoma (PSI 9 and 27)

3883 OTHER SURGICAL OCCLUSION OF UPPER LIMB VESSELS
3884 OTHER SURGICAL OCCLUSION OF AORTA, ABDOMINAL
3885 OTHER SURGICAL OCCLUSION OF THORACIC VESSEL
3886 OTHER SURGICAL OCCLUSION OF ABDOMINAL ARTERIES
3887 OTHER SURGICAL OCCLUSION OF ABDOMINAL VEINS
3888 OTHER SURGICAL OCCLUSION OF LOWER LIMB ARTERIES
3889 OTHER SURGICAL OCCLUSION OF LOWER LIMB VEINS
3941 CONTROL OF HEMORRHAGE FOLLOWING VASCULAR SURGERY
3998 CONTROL OF HEMORRHAGE NOS
4995 CONTROL OF (POSTOPERATIVE) HEMORRHAGE OF ANUS
5793 CONTROL OF (POSTOPERATIVE HEMORRHAGE OF BLADDER
6094 CONTROL OF (POSTOPERATIVE) HEMORRHAGE OF PROSTATE

ICD-9-CM Drainage of Hematoma procedure codes:

1809 OTHER INCISION OF EXTERNAL EAR
540 INCISION OF ABDOMINAL WALL
5412 REOPENING OF RECENT LAPAROTOMY SITE
5919 OTHER INCISION OF PERIVESICLE TISSUE
610 INCISION AND DRAINAGE OF SCROTUM AND TUNICA AND VAGINALIS
6998 OTHER OPERATIONS ON SUPPORTING STRUCTURES OF UTERUS
7014 OTHER VAGINOTOMY
7109 OTHER INCISION OF VULVA AND PERINEUM
7591 EVACUATION OF OBSTETRICAL INCISIONAL HEMATOMA OF PERINEUM
7592 EVACUATION OF OTHER HEMATOMA OF VULVA OR VAGINA
8604 OTHER INCISION W/ DRAINAGE OF SKIN AND SUBCUTANEOUS TISSUE

Denominator:

All surgical discharges 18 years and older defined by specific DRGs and an ICD-9-CM code for an operating room procedure.

See Appendix A: Operating Room Procedure Codes
See Appendix B: Surgical Discharge DRGs

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

Exclude cases:

- with preexisting condition (principal diagnosis or secondary diagnosis present on admission, if known) of postoperative hemorrhage or postoperative hematoma
- where the only operating room procedure is postoperative control of hemorrhage or drainage of hematoma.
- where a procedure for postoperative control of hemorrhage or drainage of hematoma occurs before the first operating room procedure.
  Note: If day of procedure is not available in the input data file, the rate may be slightly lower than if the information was available.
- MDC 14 (pregnancy, childbirth, and puerperium).

Postoperative Physiologic and Metabolic Derangement (PSI 10)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD-9-CM codes for physiologic and metabolic derangements in any secondary diagnosis field.

Discharges with acute renal failure (subgroup of physiologic and metabolic derangements) must be

Postoperative Physiologic and Metabolic Derangement (PSI 10)

accompanied by a procedure code for dialysis (39.95, 54.98).

ICD-9-CM Physiologic and Metabolic Derangements diagnosis codes:

Diabetes with ketoacidosis:

25010 TYPE 2, OR UNSPECIFIED TYPE, NOT STATED AS UNCONTROLLED
25011 TYPE 1 NOT STATED AS UNCONTROLLED
25012 TYPE 2, OR UNSPECIFIED TYPE, UNCONTROLLED
25013 TYPE 1 UNCONTROLLED

Acute renal failure:

5845 W/ LESION OF TUBULAR NECROSIS
5846 W/ LESION OF RENAL CORTICAL NECROSIS
5847 W/ LESION OF RENAL MEDULLARY [PAPILLARY] NECROSIS
5848 W/ OTHER SPECIFIED PATHOLOGICAL LESION IN KIDNEY
5849 ACUTE RENAL FAILURE, UNSPECIFIED
586 ACUTE RENAL FAILURE, UNSPECIFIED-OCT05
9975 URINARY COMPLICATIONS-OCT05

Diabetes with hyperosmolarity:

25020 TYPE 2, OR UNSPECIFIED TYPE, NOT STATED AS UNCONTROLLED
25021 TYPE 1 NOT STATED AS UNCONTROLLED
25022 TYPE 2, OR UNSPECIFIED TYPE, UNCONTROLLED
25023 TYPE 1 UNCONTROLLED

Diabetes with other coma:

25030 TYPE 2, OR UNSPECIFIED TYPE, NOT STATED AS UNCONTROLLED
25031 TYPE 1 NOT STATED AS UNCONTROLLED
25032 TYPE 2, OR UNSPECIFIED TYPE, UNCONTROLLED
25033 TYPE 1 UNCONTROLLED

Denominator:

All elective* surgical discharges18 years and older defined by specific DRGs and an ICD-9-CM code for an operating room procedure.

See Appendix A: Operating Room Procedure Codes
See Appendix B: Surgical Discharge DRGs

*Elective - SID Admission type # is recorded as elective (Admission Type = 3)

Exclude cases:

- with preexisting condition (principal diagnosis or secondary diagnosis present on admission, if known) of physiologic and metabolic derangements (see Numerator) or chronic renal failure
- with acute renal failure (see Numerator) where a procedure for dialysis occurs **before or on the same day** as the first operating room procedure.
  Note: If day of procedure is not available in the input data file, the rate may be slightly lower than if the information was available.
- with both a diagnosis code of ketoacidosis, hyperosmolarity, or other coma (subgroups of physiologic and metabolic derangements coding) **and** a principal diagnosis of diabetes.
- with both a secondary diagnosis code for acute renal failure (subgroup of physiologic and metabolic derangements coding) **and** a principal diagnosis of acute myocardial infarction, cardiac arrhythmia, cardiac arrest, shock, hemorrhage, or gastrointestinal hemorrhage.
- MDC 14 (pregnancy, childbirth and the puerperium)

Postoperative Physiologic and Metabolic Derangement (PSI 10)

See Appendix M: Acute Myocardial Infarction (AMI) Diagnosis Codes
See Appendix N: Cardiac Arrhythmia Diagnosis Codes
See Appendix H: Shock Diagnosis Codes
See Appendix G: Hemorrhage Diagnosis Codes
See Appendix I: ICD-9-CM Gastrointestinal (GI) Hemorrhage Diagnosis Codes

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

ICD-9-CM Chronic Renal Failure diagnosis code:

40301 MAL HYP KIDNEY W CHR KID
40311 BEN HYP KIDNEY W CHR KID
40391 HYP KIDNEY NOS W CHR KID
40402 MAL HY HRT/KID W CHR KID
40403 MAL HYP HRT/KID W HF/KID
40412 BEN HYP HT/KID W CHR KID
40413 BEN HYP HT/KID W HF/KID
40492 HYP HT/KID NOS W CHR KID
40493 HYP HRT/KID NOS W HF/KID
585 CHRONIC RENAL FAILURE
5855 CHRON KIDNEY DIS STAGE V
5856 END STAGE RENAL DISEASE

ICD-9-CM Diabetes diagnosis codes (includes 4th and 5th digits):

2500 DIABETES MELLITUS W/O MENTION OF COMPLICATION
2501 DIABETES W/ KETOACIDOSIS
2502 DIABETES W/ HYPEROSMOLARITY
2503 DIABETES W/ OTHER COMA
2504 DIABETES W/ RENAL MANIFESTATIONS
2505 DIABETES W/ OPHTHALMIC MANIFESTATIONS
2506 DIABETES W/ NEUROLOGICAL MANIFESTATIONS
2507 DIABETES W/ PERIPHERAL CIRCULATORY DISORDERS
2508 DIABETES W/ OTHER SPECIFIED MANIFESTATIONS
2509 DIABETES W/ OTHER UNSPECIFIED COMPLICATIONS

Cardiac Arrhythmia DRGs:

138 CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS W/ CC
139 CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS W/O CC

ICD-9-CM Cardiac Arrest diagnosis code:

4275 CARDIAC ARREST

Postoperative Respiratory Failure (PSI 11)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator.with ICD-9-CM codes for acute respiratory failure (518.81) in any secondary diagnosis field. (After 1999, include 518.84).

OR

Discharges among cases meeting the inclusion and exclusion rules for the denominator.with ICD-9-CM codes for reintubation procedure as follows:

Postoperative Respiratory Failure (PSI 11)

- (96.04) one or more days after the major operating room procedure code
- (96.70 or 97.71) two or more days after the major operating room procedure code
- (96.72) zero or more days after the major operating room procedure code

Denominator:

All elective* surgical discharges age 18 and older defined by specific DRGs and an ICD-9-CM code for an operating room procedure.

See Appendix A: Operating Room Procedure Codes
See Appendix B: Surgical Discharge DRGs

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

*Elective - SID Admission type # is recorded as elective (Admission Type = 3)

Exclude cases:

- with preexisting (principal diagnosis or secondary diagnosis present on admission, if known) acute respiratory failure
- with ICD-9-CM diagnosis code of neuromuscular disorder
- where a procedure for tracheostomy is the only operating room procedure.
- where a procedure for tracheostomy occurs before the first operating room procedure.
  Note: If day of procedure is not available in the input data file, the rate may be slightly lower than if the information was available.
- MDC 14 (pregnancy, childbirth, and puerperium)
- MDC 4 (diseases/disorders of respiratory system)
- MDC 5 (diseases/disorders of circulatory system)

ICD-9-CM Tracheostomy procedure codes:

3121 MEDIASTINAL TRACHEOSTOMY
3129 OTHER PERM TRACHEOSTOMY
3174 REVISION OF TRACHEOSTOMY

ICD-9-CM Neuromuscular Disorder codes:

3570 AC INFECT POLYNEURITIS
35800 MYSTHNA GRVS W/O AC EXAC
35801 MYASTHNA GRAVS W AC EXAC
3581 MYASTHENIA IN OTH DIS
3582 TOXIC MYONEURAL DISORDER
3588 MYONEURAL DISORDERS NEC
3589 MYONEURAL DISORDERS NOS
3590 CONG HERED MUSC DYSTRPHY
3591 HERED PROG MUSC DYSTRPHY
3592 MYOTONIC DISORDERS
3593 FAMIL PERIODIC PARALYSIS
3594 TOXIC MYOPATHY
3595 MYOPATHY IN ENDOCRIN DIS
3596 INFL MYOPATHY IN OTH DIS
35981 CRITICAL ILLNESS MYOPTHY
35989 MYOPATHIES NEC
3599 MYOPATHY NOS

Postoperative Pulmonary Embolism or Deep Vein Thrombosis (PSI 12)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator.with ICD-9-CM codes for deep vein thrombosis or pulmonary embolism in any secondary diagnosis field

See Appendix K: Pulmonary Embolism/Deep Vein Thrombosis Diagnosis Codes

Denominator:

All surgical discharges age 18 and older defined by specific DRGs and an ICD-9-CM code for an operating room procedure (Appendix C).

See Appendix A: Operating Room Procedure Codes
See Appendix B: Surgical Discharge DRGs

Exclude cases:

- with preexisting (principal diagnosis or secondary diagnosis present on admission, if known) deep vein thrombosis or pulmonary embolism
- where a procedure for interruption of vena cava is the only operating room procedure
- where a procedure for interruption of vena cava occurs before or on the same day as the first operating room procedure
  Note: If day of procedure is not available in the input data file, the rate may be slightly lower than if the information was available.
- MDC 14 (pregnancy, childbirth, and puerperium)

See Appendix K: Pulmonary Embolism/Deep Vein Thrombosis Diagnosis Codes

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

ICD-9-CM Interruption Of Vena Cava procedure code:

387 INTERRUPTION OF VENA CAVA

Postoperative Sepsis (PSI 13)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator.with ICD-9-CM code for sepsis in any secondary diagnosis field.

See Appendix O: Sepsis Diagnosis Codes

Denominator:

All elective* surgical discharges age 18 and older defined by specific DRGs and an ICD-9-CM code for an operating room procedure.

See Appendix A: Operating Room Procedure Codes
See Appendix B: Surgical Discharge DRGs

*Elective - SID Admission type # is recorded as elective (Admission Type = 3)

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Postoperative Sepsis (PSI 13)

Exclude cases:

- with preexisting (principal diagnosis or secondary diagnosis present on admission, if known) sepsis or infection
- with any code for immunocompromised state or cancer
- MDC 14 (pregnancy, childbirth, and puerperium)
- with length of stay of less than 4 days

See Appendix O: Sepsis Diagnosis Codes
See Appendix P: Infection Diagnosis Codes and DRGs
See Appendix D: ICD-9-CM Codes for Immunocompromised States
See Appendix E: Cancer Codes
See Appendix Q: Cancer DRGs

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Postoperative Wound Dehiscence (PSI 14 and 24)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator.with ICD-9-CM code for reclosure of postoperative disruption of abdominal wall (54.61) in any procedure field.

Denominator:

All abdominopelvic surgical discharges age 18 and older.

ICD-9-CM Abdominopelvic procedure codes:

3804	INCISION OF AORTA
3806	INCISION OF ABDOMINAL ARTERIES
3807	INCISION OF ABDOMINAL VEINS
3814	ENDARTERECTOMY OF AORTA
3816	ENDARTERECTOMY OF ABDOMINAL ARTERIES
3834	RESECTION OF AORTA W/ ANASTOMOSIS
3836	RESECTION OF ABDOMINAL ARTERIES W/ ANASTOMOSIS
3837	RESECTION OF ABDOMINAL VEINS W/ ANASTOMOSIS
3844	RESECTION OF AORTA, ABDOMINAL W/ REPLACEMENT
3846	RESECTION OF ABDOMINAL ARTERIES W/ REPLACEMENT
3847	RESECTION OF ABDOMINAL VEINS W/ REPLACEMENT
3857	LIGATION AND STRIPPING OF VARICOSE VEINS, ABDOMINAL VEINS
3864	OTHER EXCISION OF AORTA, ABDOMINAL
3866	OTHER EXCISION OF ABDOMINAL ARTERIES
3867	OTHER EXCISION OF ABDOMINAL VEINS
3884	OTHER SURGICAL OCCLUSION OF AORTA, ABDOMINAL
3886	OTHER SURGICAL OCCLUSION OF ABDOMINAL ARTERIES
3887	OTHER SURGICAL OCCLUSION OF ABDOMINAL VEINS
391	INTRA-ABDOMINAL VENOUS SHUNT
3924	AORTA-RENAL BYPASS
3925	AORTA-ILIAC-FEMORAL BYPASS
3926	OTHER INTRA-ABDOMINAL VASCULAR SHUNT OR BYPASS
4052	RADICAL EXCISION OF PERIAORTIC LYMPH NODES
4053	RADICAL EXCISION OF ILIAC LYMPH NODES
412	SPLENOTOMY
4133	OPEN BIOPSY OF SPLEEN

Postoperative Wound Dehiscence (PSI 14 and 24)	
4141	MARSUPIALIZATION OF SPLENIC CYST
4142	EXCISION OF LESION OR TISSUE OF SPLEEN
4143	PARTIAL SPLENECTOMY
415	TOTAL SPLENECTOMY
4193	EXCISION OF ACCESSORY SPLEEN
4194	TRANSPLANTATION OF SPLEEN
4195	REPAIR AND PLASTIC OPERATIONS ON SPLEEN
4199	OTHER OPERATIONS ON SPLEEN
4240	ESOPHAGECTOMY, NOS
4241	PARTIAL ESOPHAGECTOMY
4242	TOTAL ESOPHAGECTOMY
4253	INTRATHORACIC ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF SMALL BOWEL
4254	OTHER INTRATHORACIC ESOPHAGOENTEROSTOMY
4255	INTRATHORACIC ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF COLON
4256	OTHER INTRATHORACIC ESOPHAGOCOLOSTOMY
4263	ANTESTERNAL ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF SMALL BOWEL
4264	OTHER ANTESTERNAL ESOPHAGOENTEROSTOMY
4265	ANTESTERNAL ESOPHAGEAL ANASTOMOSIS W/ INTERPOSITION OF COLON
4266	OTHER ANTESTERNAL ESOPHAGOCOLOSTOMY
4291	LIGATION OF ESOPHAGEAL VARICES
430	GASTROTOMY
433	PYLOROMYOTOMY
4342	LOCAL EXCISION OF OTHER LESION OR TISSUE OF STOMACH
4349	OTHER DESTRUCTION OF LESION OR TISSUE OF STOMACH
435	PARTIAL GASTRECTOMY W/ ANASTOMOSIS TO ESOPHAGUS
436	PARTIAL GASTRECTOMY W/ ANASTOMOSIS TO DUODENUM
437	PARTIAL GASTRECTOMY W/ ANASTOMOSIS TO JEJUNUM
4381	PARTIAL GASTRECTOMY W/ JEJUNA TRANSPOSITION
4389	OTHER PARTIAL GASTRECTOMY
4391	TOTAL GASTRECTOMY W/ INTESTINAL INTERPOSITION
4399	OTHER TOTAL GASTRECTOMY
4400	VAGOTOMY, NOS
4401	TRUNCAL VAGOTOMY
4402	HIGHLY SELECTIVE VAGOTOMY
4403	OTHER SELECTIVE VAGOTOMY
4411	TRANSABDOMINAL GASTROSCOPY
4415	OPEN BIOPSY OF STOMACH
4421	DILATION OF PYLORUS BY INCISION
4429	OTHER PYLOROPLASTY
4431	HIGH GASTRIC BYPASS
4439	OTHER GASTROENTEROSTOMY
4440	SUTURE OF PEPTIC ULCER, NOS
4441	SUTURE OF GASTRIC ULCER SITE
4442	SUTURE OF DUODENAL ULCER SITE
445	REVISION OF GASTRIC ANASTOMOSIS
4461	SUTURE OF LACERATION OF STOMACH
4463	CLOSURE OF OTHER GASTRIC FISTULA
4464	GASTROPEXY
4465	ESOPHAGOGASTROPLASTY
4466	OTHER PROCEDURES FOR CREATION OF ESOPHAGOGASTRIC SPHINCTERIC COMPETENCE
4469	OTHER REPAIR OF STOMACH
4491	LIGATION OF GASTRIC VARICES
4492	INTRAOPERATIVE MANIPULATION OF STOMACH
4499**	GASTRIC OPERATION NEC (OCT 04)
4500	INCISION OF INTESTINE, NOS
4501	INCISION OF DUODENUM
4502	OTHER INCISION OF SMALL INTESTINE
4503	INCISION OF LARGE INTESTINE
4531	OTHER LOCAL EXCISION OF LESION OF DUODENUM
4532	OTHER DESTRUCTION OF LESION OF DUODENUM

Postoperative Wound Dehiscence (PSI 14 and 24)	
4533	LOCAL EXCISION OF LESION OR TISSUE OF SMALL INTESTINE, EXCEPT DUODENUM
4534	OTHER DESTRUCTION OF LESION OF SMALL INTESTINE, EXCEPT DUODENUM
4541	EXCISION OF LESION OR TISSUE OF LARGE INTESTINE
4549	OTHER DESTRUCTION OF LESION OF LARGE INTESTINE
4550	ISOLATION OF INTESTINAL SEGMENT, NOS
4551	ISOLATION OF SEGMENT OF SMALL INTESTINE
4552	ISOLATION OF SEGMENT OF LARGE INTESTINE
4561	MULTIPLE SEGMENTAL RESECTION OF SMALL INTESTINE
4562	OTHER PARTIAL RESECTION OF SMALL INTESTINE
4563	TOTAL REMOVAL OF SMALL INTESTINE
4571	MULTIPLE SEGMENTAL RESECTION OF LARGE INTESTINE
4572	CESECTOMY
4573	RIGHT HEMICOLECTOMY
4574	RESECTION OF TRANSVERSE COLON
4575	LEFT HEMICOLECTOMY
4576	SIGMOIDECTOMY
4579	OTHER PARTIAL EXCISION OF LARGE INTESTINE
458	TOTAL INTRA-ABDOMINAL COLECTOMY
4590	INTESTINAL ANASTOMOSIS, NOS
4591	SMALL-TO-SMALL INTESTINAL ANASTOMOSIS
4592	ANASTOMOSIS OF SMALL INTESTINE TO RECTAL STUMP
4593	OTHER SMALL-TO-LARGE INTESTINAL ANASTOMOSIS
4594	LARGE-TO-LARGE INTESTINAL ANASTOMOSIS
4595	ANASTOMOSIS TO ANUS
4601	EXTERIORIZATION OF SMALL INTESTINE
4603	EXTERIORIZATION OF LARGE INTESTINE
4610	COLOSTOMY, NOS
4611	TEMPORARY COLOSTOMY
4613	PERMANENT COLOSTOMY
4620	ILEOSTOMY, NOS
4621	TEMPORARY ILESOSTOMY
4622	CONTINENT ILEOSTOMY
4623	OTHER PERMANENT ILEOSTOMY
4640	REVISION OF INTESTINA STOMA, NOS
4641	REVISION OF STOMA OF SMALL INTESTINE
4642	REPAIR OF PERICOLOSTOMY HERNIA
4643	OTHER REVISION OF STOMA OF LARGE INTESTINE
4650	CLOSURE OF INTESTINAL STOMA, NOS
4651	CLOSURE OF STOMA OF SMALL INTESTINE
4652	CLOSURE OF STOMA OF LARGE INTESTINE
4660	FIXATION OF INTESTINE, NOS
4661	FIXATION OF SMALL INTESTINE TO ABDOMINAL WALL
4662	OTHER FIXATION OF SMALL INTESTINE
4663	FIXATION OF LARGE INTESTINE TO ABDOMINAL WALL
4664	OTHER FIXATION OF LARGE INTESTINE
4672	CLOSURE OF FISTULA OF DUODENUM
4674	CLOSURE OF FISTULA OF SMALL INTESTINE, EXCEPT DUODENUM
4676	CLOSURE OF FISTULA OF LARGE INTESTINE
4680	INTRA-ABDOMINAL MANIPULATION OF INTESTINE, NOS
4681	INTRA-ABDOMINAL MANIPULATION OF SMALL INTESTINE
4682	INTRA-ABDOMINAL MANIPULATION OF LARGE INTESTINE
4691	MYOTOMY OF SIGMOID COLON
4692	MYOTOMY OF OTHER PARTS OF COLON
4693	REVISION OF ANASTOMOSIS OF SMALL INTESTINE
4694	REVISION OF ANASTOMOSIS OF LARGE INTESTINE
4699	OTHER OPERATIONS ON INTESTINES
4709	OTHER APPENDECTOMY
4719	OTHER INCIDENTAL APPENDECTOMY
472	DRAINAGE OF APPENDICEAL ABSCESS
4791	APPENDECTOMY

Postoperative Wound Dehiscence (PSI 14 and 24)	
4792	CLOSURE OF APPENDICEAL FISTULA
4799	OTHER OPERATIONS ON APPENDIX, OTHER
4841	SUBMUCOSAL RESECTION OF RECTUM
4849	OTHER PULL-THROUGH RESECTION OF RECTUM
485	ABDOMINOPERINEAL RESECTION OF RECTUM
4875	ABDOMINAL PROCTOPEXY
500	HEPATOTOMY
5012	OPEN BIOPSY OF LIVER
5021	MARSUPIALIZATION OF LESION OF LIVER
5022	PARTIAL HEPATECTOMY
5023	OPN ABLTN LIVER LES/TISS OCT06-
5026	ABLTN LIVER LES/TISS NEC OCT06-
5029	OTHER DESTRUCTION OF LESION OF LIVER
503	LOBECTOMY OF LIVER
504	TOTAL HEPATECTOMY
5051	AUXILIARY LIVER TRANSPLANT
5059	OTHER TRANSPLANT OF LIVER
5069	OTHER REPAIR OF LIVER
5103	OTHER CHOLECYSTOSTOMY
5104	OTHER CHOLECYSTOTOMY
5113	OPEN BIOPSY OF GALLBLADDER OR BILE DUCTS
5121	OTHER PARTIAL CHOLECYSTECTOMY
5122	CHOLECYSTECTOMY
5131	ANASTOMOSIS OF GALLBLADDER TO HEPATIC DUCTS
5132	ANASTOMOSIS OF GALLBLADDER TO INTESTINE
5133	ANASTOMOSIS OF GALLBLADDER TO PANCREAS
5134	ANASTOMOSIS OF GALLBLADDER TO STOMACH
5135	OTHER GALLBLADDER ANASTOMOSIS
5136	CHOLEDOCHOENTEROSTOMY
5137	ANASTOMOSIS OF HEPATIC DUCT TO GASTROINTESTINAL TRACT
5139	OTHER BILE DUCT ANASTOMOSIS
5141	COMMON DUCT EXPLORATION FOR REMOVAL OF CALCULUS
5142	COMMON DUCT EXPLORATION FOR RELIEF OF OTHER OBSTRUCTION
5143	INSERTION OF CHOLEDOCHOHEPATIC TUBE FOR DECOMPRESSION
5149	INCISION OF OTHER BILE DUCTS FOR RELIEF OF OBSTRUCTION
5151	EXPLORATION OF COMMON DUCT
5159	INCISION OF OTHER BILE DUCT
5161	EXCISION OF CYSTIC DUCT REMNANT
5162	EXCISION OF AMPULLA OF VATER W/ REIMPLANTATION OF COMMON DUCT
5163	OTHER EXCISION OF COMMON DUCT
5169	EXCISION OF OTHER BILE DUCT
5171	SIMPLE SUTURE OF COMMON BILE DUCT
5172	CHOLEDOCHOPLASTY
5179	REPAIR OF OTHER BILE DUCTS
5181	DILATION OF SPHINCTER OF ODDI
5182	PANCREATIC SPHINCTEROTOMY
5183	PANCREATIC SPHINCTEROPLASTY
5189	OTHER OPERATIONS ON SPHINCTER OF ODDI
5192	CLOSURE OF CHOLECYSTOSTOMY
5193	CLOSURE OF OTHER BILIARY FISTULA
5194	REVISION OF ANASTOMOSIS OF BILIARY TRACT
5195	REMOVAL OF PROSTHETIC DEVICE FROM BILE DUCT
5199	OTHER OPERATIONS ON BILIARY TRACT
5201	DRAINAGE OF PANCREATIC CYST BY CATHETER
5209	OTHER PANCREATOTOMY
5212	OPEN BIOPSY OF PANCREAS
5222	OTHER EXCISION OR DESTRUCTION OF LESION OR TISSUE OF PANCREAS OR PANCREATIC DUCT
523	MARSUPIALIZATION OF PANCREATIC CYST
524	INTERNAL DRAINAGE OF PANCREATIC CYST

Postoperative Wound Dehiscence (PSI 14 and 24)	
5251	PROXIMAL PANCREATECTOMY
5252	DISTAL PANCREATECTOMY
5253	RADICAL SUBTOTAL PANCREATECTOMY
5259	OTHER PARTIAL PANCREATECTOMY
526	TOTAL PANCREATECTOMY
527	RADICAL PANCREATICODUODENECTOMY
5280	PANCREATIC TRANSPLANT, NOS
5281	REIMPLANTATION
5282	HOMOTRANSPLANT OF PANCREAS
5283	HETEROTRANSPLANT OF PANCREAS
5292	CANNULATION OF PANCREATIC DUCT
5295	OTHER REPAIR OF PANCREAS
5296	ANASTOMOSIS OF PANCREAS
5299	OTHER OPERATIONS ON PANCREAS
5300	UNILATERAL REPAIR OF INGUINAL HERNIA, NOS
5301	REPAIR OF DIRECT INGUINAL HERNIA
5302	REPAIR OF INDIRECT INGUINAL HERNIA
5303	REPAIR OF DIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS
5304	REPAIR OF INDIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS
5305	REPAIR OF INGUINAL HERNIA W/ GRAFT OR PROSTHESIS, NOS
5310	BILATERAL REPAIR OF INGUINAL HERNIA, NOS
5311	BILATERAL REPAIR OF DIRECT INGUINAL HERNIA
5312	BILATERAL REPAIR OF INDIRECT INGUINAL HERNIA
5313	BILATERAL REPAIR OF INGUINAL HERNIA, ONE DIRECT AND ONE INDIRECT
5314	BILATERAL REPAIR OF DIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS
5315	BILATERAL REPAIR OF INDIRECT INGUINAL HERNIA W/ GRAFT OR PROSTHESIS
5316	BILATERAL REPAIR OF INGUINAL HERNIA, ONE DIRECT AND ONE INDIRECT, W/ GRAFT OR PROSTHESIS
5317	BILATERAL INGUINAL HERNIA REPAIR W/ GRAFT OR PROSTHESIS, NOS
5321	UNILATERAL REPAIR OF FEMORAL HERNIA
5329	OTHER UNILATERAL FEMORAL HERNIORRHAPHY
5331	BILATERAL REPAIR OF FEMORAL HERNIA W/ GRAFT OR PROSTHESIS
5339	OTHER BILATERAL FEMORAL HERNIORRHAPHY
5341	REPAIR OF UMBILICAL HERNIA W/ PROSTHESIS
5349	OTHER UMBILICAL HERNIORRHAPHY
5351	INCISIONAL HERNIA REPAIR
5359	REPAIR OF OTHER HERNIA OF ANTERIOR ABDOMINAL WALL
5361	INCISIONAL HERNIA REPAIR W/ PROSTHESIS
5369	REPAIR OF OTHER HERNIA OF ANTERIOR ABDOMINAL WALL W/ PROSTHESIS
537	REPAIR OF DIAPHRAGMATIC HERNIA, ABDOMINAL APPROACH
540	INCISION OF ABDOMINAL WALL
5411	EXPLORATORY LAPAROTOMY
5419	OTHER LAPAROTOMY
5422	BIOPSY OF ABDOMINAL WALL OR UMBILICUS
5423	BIOPSY OF ABDOMINAL WALL OR UMBILICUS
543	EXCISION OR DESTRUCTION OF LESION OR TISSUE OF ABDOMINAL WALL OR UMBILICUS
544	EXCISION OR DESTRUCTION OF PERITONEAL TISSUE
5459	OTHER LYSIS OF PERITONEAL ADHESIONS
5463	OTHER SUTURE OF ABDOMINAL WALL
5464	SUTURE OF PERITONEUM
5471	REPAIR OF GASTROSCHISIS
5472	OTHER REPAIR OF ABDOMINAL WALLS
5473	OTHER REPAIR OF PERITONEUM
5474	OTHER REPAIR OF OMENTUM
5475	OTHER REPAIR OF MESENTERY
5492	REMOVAL OF FOREIGN BODY FROM PERITONEAL CAVITY
5493	CREATION OF CUTANEOPERITONEAL FISTULA
5494	CREATION OF PERITONEOVASCULAR SHUNT
5495	INCISION OF PERITONEUM
5532	OPN ABLTN RENAL LES/TISS OCT06-

Postoperative Wound Dehiscence (PSI 14 and 24)	
5535	ABLTN RENAL LES/TISS NEC OCT06-
5551	NEPHROURETERECTOMY
5552	NEPHRECTOMY OF REMAINING KIDNEY
5553	REMOVAL OF TRANSPLANTED OR REGECTED KIDNEY
5554	BILATERAL NEPHRECTOMY
5561	RENAL AUTOTRANSPLANTATION
5569	OTHER KIDNEY TRANSPLANTATION
557	NEPHROPEXY
5583	CLOSURE OF OTHER FISTULA OF KIDNEY
5584	REDUCTION OF TORSION OF RENAL
5585	SYMPHYSIOTOMY FOR HORESHOE KIDNEY
5586	ANASTOMOSIS OF KIDNEY
5587	CORRECTION OF URETEROPELVIC JUNCTION
5591	DECAPSULATION OF KIDNEY
5597	IMPLANTATION OR REPLACEMENT OF MECHANICAL KIDNEY
5598	REMOVAL OF MECHANICAL KIDNEY
5651	FORMATION OF CUTANEOUS URETERO-ILEOSTOMY
5652	REVISION OF CUTANEOUS URETERO-ILEOSTOMY
5661	FORMATION OF OTHER CUTANEOUS URETEROSTOMY
5662	REVISION OF OTHER CUTANEOUS URETEROSTOMY
5671	URINARY DIVERSION TO INTESTINE
5672	REVISION OF URETEROINTESTINAL ANASTOMOSIS
5673	NEPHROCYSTANASTOMOSIS, NOS
5674	URETERONEOXYSTOSTOMY
5675	TRANSURETEROURETEROSTOMY
5683	CLOSURE OF URETEROSTOMY
5684	CLOSURE OF OTHER FISTULA OF URETER
5685	URETEROPEXY
5686	REMOVAL OF LIGATURE FROM URETER
5689	OTHER REPAIR OF URETER
5695	LIGATION OF URETER
5771	RADICAL CYSTECTOMY
5779	OTHER TOTAL CYSTECTOMY
5782	CLOSURE OF CYSTOSTOMY
5787	RECONSTRUCTION OF URINARY BLADDER
5900	RETROPERITONEAL DISSECTION, NOS
5902	OTHER LYSIS OF PERIRENAL OR PERIURETERAL ADHESIONS
5909	OTHER INCISION OF PERIRENAL OR PERIURETERAL TISSUE
6012	OPEN BIOPSY OF PROSTATE
6014	OPEN BIOPSY OF SEMINAL VESICLES
6015	BIOPSY OF PERIPROSTATIC TISSUE
603	SUPRAPUBIC PROSTATECTOMY
604	RETROPUBIC PROSTATECTOMY
605	RADICAL PROSTATECTOMY
6061	LOCAL EXCISION OF LESION OF PROSTATE
6072	INCISION OF SEMINAL VESICLE
6073	EXCISION OF SEMINAL VESICLE
6079	OTHER OPERATIONS ON SEMINAL VESICLES
6093	REPAIR OF PROSTATE
6509	OTHER OOPHORECTOMY
6512	OTHER BIOPSY OF OVARY
6521	MARSUPIALIZATION OF OVARIAN CYST
6522	WEDGE RESECTION OF OVARY
6529	OTHER LOCAL EXCISION OR DESTRUCTION OF OVARY
6539	OTHER UNLILATERAL OOPHORECTOMY
6549	OTHER UNILATERAL SALPINGOOPHORECTOMY
6551	OTHER REMOVAL OF BOTH OVARIES AT SAME OPERATIVE EPISODE
6552	OTHER REMOVAL OF REMAINING OVARY
6561	OTHER REMOVAL OF BOTH OVARIES AND TUBES AT SAME OPERATIVE EPISODE
6562	OTHER REMOVAL OF REMAINING OVARY AND TUBE

Postoperative Wound Dehiscence (PSI 14 and 24)

6571 OTHER SIMPLE SUTURE OF OVARY
6572 OTHER REIMPLANTATION OF OVARY
6573 OTHER SALPINGO OOPHOROPLASTY
6579 OTHER REPAIR OF OVARY
6589 OTHER LYSIS OF ADHESIONS OF OVARY AND FALLOPIAN TUBE
6592 TRANSPLANTATION OF OVARY
6593 MANUAL RUPTURE OF OVARIAN CYST
6594 OVARIAN DENERVATION
6595 RELEASE OF TORSION OF OVARY
6599 OTHER OPERATIONS ON OVARY
6601 SALPINGOTOMY
6602 SALPINGOSTOMY
6631 OTHER BILATERAL LIGATION AND CRUSHING OF FALLOPIAN TUBES
6632 OTHER BILATERAL LIGATION AND DIVISION OF FALLOPIAN TUBES
6639 OTHER BILATERAL DESTRUCTION OR OCCLUSION OF FALLOPIAN TUBES
664 TOTAL UNILATERAL SALPINGECTOMY
6651 REMOVAL OF BOTH FALLOPIAN TUBES AT SAME OPERATIVE EPISODE
6652 REMOVAL OF REMAINING FALLOPIAN TUBE
6661 EXCISION OR DESTRUCTION OF LESION OF FALLOPIAN TUBE
6662 SALPINGECTOMY W/ REMOVAL OF TUBAL PREGNANCY
6663 BILATERAL PARTIAL SALPINGECTOMY, NOS
6669 OTHER PARTIAL SALPINGECTOMY
6671 SIMPLE SUTURE OF FALLOPIAN TUBE
6672 SALPINGO-OOPHOROSTOMY
6673 SALPINGO-SALPINGOSTOMY
6674 SALPINGO-UTEROSTOMY
6679 OTHER REPAIR OF FALLOPIAN TUBE
6692 UNILATERAL DESTRUCTION OR OCCLUSION OF FALLOPIAN TUBE
6697 BURYING OF FIMBRIAE IN UTERINE WALL
680 OTHER INCISION AND EXCISION OF UTERUS
6813 OPEN BIOPSY OF UTERUS
6814 OPEN BIOPSY OF UTERINE LIGAMENTS
683 SUBTOTAL ABDOMINAL HYSTERECTOMY
6839 OTHER SUBTOTAL ABDOMINAL HYSTERECTOMY
684 TOTAL ABDOMINAL HYSTERECTOMY
6841 LAP TOTAL ABDOMINAL HYST OCT06-
6849 TOTAL ABD HYST NEC/NOS OCT06-
686 RADICAL ABDOMINAL HYSTERECTOMY
688 PELVIC EVISCERATION
6861 LAP RADICAL ABDOMNL HYST OCT06-
6869 RADICAL ABD HYST NEC/NOS OCT06-
6922 OTHER UTERINE SUSPENSION
693 PARACERVICAL UTERINE DENERVATION
6941 SUTURE OF LACERATION OF UTERUS
6942 CLOSURE OF FISTULA OF UTERUS
6949 OTHER REPAIR OF UTERUS

** only for discharges occurring on or after October 1, 2004

Exclude cases:

- where a procedure for reclosure of postoperative disruption of abdominal wall occurs before or on the same day as the first abdominopelvic surgery procedure
  Note: If day of procedure is not available in the input data file, the rate may be slightly lower than if the information was available
- where length of stay is less than 2 days
- with immunocompromised state
- MDC 14 (pregnancy, childbirth, and puerperium).

See Appendix D: ICD-9-CM Codes for Immunocompromised States

Postoperative Wound Dehiscence (PSI 14 and 24)

Control-click (Word) or click (PDF) to view the Appendix. Links are provided to return to the PSI detailed definition.

Accidental Puncture or Laceration, Secondary Diagnosis Field (PSI 15 and 25)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator.with ICD-9-CM code denoting accidental cut, puncture, perforation or laceration during a procedure in any secondary diagnosis field.

ICD-9-CM Accidental Puncture or Laceration diagnosis codes:

Accidental cut, puncture, perforation, or hemorrhage during medical care:

E8700 SURGICAL OPERATION
E8701 INFUSION OR TRANSFUSION
E8702 KIDNEY DIALYSIS OR OTHER PERFUSION
E8703 INJECTION OR VACCINATION
E8704 ENDOSCOPIC EXAMINATION
E8705 ASPIRATION OF FLUID OR TISSUE, PUNCTURE, AND CATHETERIZATION
E8706 HEART CATHETERIZATION
E8707 ADMINISTRATION OF ENEMA
E8708 OTHER SPECIFIED MEDICAL CARE
E8709 UNSPECIFIED MEDICAL CARE

9982 ACCIDENTAL PUNCTURE OR LACERATION DURING A PROCEDURE

Denominator:

All surgical and medical discharges age 18 years and older defined by specific DRGs.

See Appendix B: Surgical Discharge DRGs
See Appendix F: Medical Discharge DRGs

Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition.

Exclude cases:

- with ICD-9-CM code denoting technical difficulty (e.g., accidental cut, puncture, perforation, or laceration) in the principal diagnosis field or secondary diagnosis present on admission, if known
- MDC 14 (pregnancy, childbirth, and puerperium).

Transfusion Reaction, Secondary Diagnosis Field (PSI 16 and 26)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator.with ICD-9-CM codes for transfusion reaction in any secondary diagnosis field.

ICD-9-CM Transfusion Reaction diagnosis codes:

Transfusion Reaction, Secondary Diagnosis Field (PSI 16 and 26)
9996 ABO INCOMPATIBILITY REACTION 9997 RH INCOMPATIBILITY REACTION E8760 MISMATCHED BLOOD IN TRANSFUSION
Denominator: All surgical and medical discharges, 18 years and older **or** MDC 14 (pregnancy, childbirth, and puerperium), defined by specific DRGs. See Appendix B: Surgical Discharge DRGs See Appendix F: Medical Discharge DRGs Control-click (Word) or click (PDF) to view an Appendix. Links are provided to return to the PSI detailed definition. Exclude cases: • with preexisting (principal diagnosis or secondary diagnosis present on admission, if known) transfusion reaction

Birth Trauma—Injury to Neonate (PSI 17)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator.with ICD-9-CM codes for birth trauma in any diagnosis field.

ICD-9-CM Birth Trauma diagnosis codes:

7670 SUBDURAL AND CEREBRAL HEMORRHAGE (DUE TO TRAUMA OR TO INTRAPARTUM ANOXIA OR HYPOXIA)
76711 EPICRANIAL SUBAPONEUROTIC HEMORRHAGE (MASSIVE) OCT03-
7673 INJURIES TO SKELETON (EXCLUDES CLAVICLE)
7674 INJURY TO SPINE AND SPINAL CORD
7677 OTHER CRANIAL AND PERIPHERAL NERVE INJURIES
7678 OTHER SPECIFIED BIRTH TRAUMA
7679 BIRTH TRAUMA, UNSPECIFIED

Note: Because 767.1 was not previously included in the numerator specification, the addition of 767.11 may cause an increase in the rate.

Exclude infants:

- with a subdural or cerebral hemorrhage (subgroup of birth trauma coding) **and** any diagnosis code of pre-term infant (denoting birth weight of less than 2,500 grams and less than 37 weeks gestation or 34 weeks gestation or less).
- with injury to skeleton (767.3, 767.4) **and** any diagnosis code of osteogenesis imperfecta (756.51).

ICD-9-CM Preterm Infant diagnosis codes:

76501 EXTREME IMMATURITY, LESS THAN 500 GRAMS
76502 EXTREME IMMATURITY, 500 – 749 GRAMS
76503 EXTREME IMMATURITY, 750 – 999 GRAMS
76504 EXTREME IMMATURITY, 1000 – 1249 GRAMS
76505 EXTREME IMMATURITY, 1250 – 1499 GRAMS
76506 EXTREME IMMATURITY, 1500 – 1749 GRAMS
76507 EXTREME IMMATURITY, 1750 – 1999 GRAMS
76508 EXTREME IMMATURITY, 2000 – 2499 GRAMS
76511 OTHER PRETERM INFANTS, LESS THAN 500 GRAMS
76512 OTHER PRETERM INFANTS, 500 – 749 GRAMS
76513 OTHER PRETERM INFANTS, 750 – 999 GRAMS
76514 OTHER PRETERM INFANTS, 1000 – 1249 GRAMS
76515 OTHER PRETERM INFANTS, 1250 – 1499 GRAMS
76516 OTHER PRETERM INFANTS, 1500 – 1749 GRAMS
76517 OTHER PRETERM INFANTS, 1750 – 1999 GRAMS
76518 OTHER PRETERM INFANTS, 2000 – 2499 GRAMS
76521 LESS THAN 24 COMPLETED WEEKS OF GESTATION
76522 24 COMPLETED WEEKS OF GESTATION
76523 25-26 COMPLETED WEEKS OF GESTATION
76524 27-28 COMPLETED WEEKS OF GESTATION
76525 29-30 COMPLETED WEEKS OF GESTATION
76526 31-32 COMPLETED WEEKS OF GESTATION
76527 33-34 COMPLETED WEEKS OF GESTATION

Denominator:

All liveborn births (newborns).

The definition of newborn is any neonate with either 1) an ICD-9-CM diagnosis code for an in-hospital

Birth Trauma—Injury to Neonate (PSI 17)

liveborn birth or 2) an admission type of newborn (SID ATYPE=4), age in days at admission equal to zero, and not an ICD-9-CM diagnosis code for an out-of-hospital birth. A neonate is defined as any discharge with age in days at admission between zero and 28 days (inclusive). If age in days is missing, then a neonate is defined as any DRG in MDC 15, an admission type of newborn (SID ATYPE=4), or an ICD-9-CM diagnosis code for an in-hospital liveborn birth.

Newborn in Hospital Live Birth Codes

V3000	SINGLE LB IN-HOSP W/O CS OCT05-	V3401	OTH MULT LB-IN HOSP W CS OCT05-
V3001	SINGLE LB IN-HOSP W CS OCT05-	V3500	OTH MULT SB-HOSP W/O CS OCT05-
V3100	TWIN-MATE LB-HOSP W/O CS OCT05-	V3501	OTH MULT SB-IN HOSP W CS OCT05-
V3101	TWIN-MATE LB-IN HOS W CS OCT05-	V3600	MULT LB/SB-IN HOS W/O CS OCT05-
V3200	TWIN-MATE SB-HOSP W/O CS OCT05-	V3601	MULT LB/SB-IN HOSP W CS OCT05-
V3201	TWIN-MATE SB-HOSP W CS OCT05-	V3700	MULT BRTH NOS-HOS W/O CS OCT05-
V3300	TWIN-NOS-IN HOSP W/O CS OCT05-	V3701	MULT BIRTH NOS-HOSP W CS OCT05-
V3301	TWIN-NOS-IN HOSP W CS OCT05-	V3900	LIVEBORN NOS-HOSP W/O CS OCT05-
V3400	OTH MULT LB-HOSP W/O CS OCT05-	V3901	LIVEBORN NOS-HOSP W CS OCT05-

OR

SID Admission type recorded as (4) and Age in Days at Admission equal to zero:

AND NOT

Newborn out of Hospital codes:

V301	SINGL LIVEBRN-BEFORE ADM OCT05-	V342	OTH MULTIPLE NB-NONHOSP OCT05-
V302	SINGLE LIVEBORN-NONHOSP OCT05-	V351	OTH MULT SB-BEFORE ADM OCT05-
V311	TWIN, MATE LB-BEFORE ADM OCT05-	V352	OTH MULTIPLE SB-NONHOSP OCT05-
V312	TWIN, MATE LB-NONHOSP OCT05-	V361	MULT NB/SB-BEFORE ADM OCT05-
V321	TWIN, MATE SB-BEFORE ADM OCT05-	V362	MULTIPLE NB/SB-NONHOSP OCT05-
V322	TWIN, MATE SB-NONHOSP OCT05-	V371	MULT BRTH NOS-BEFORE ADM OCT05-
V331	TWIN NOS-BEFORE ADMISSN OCT05-	V372	MULT BIRTH NOS-NONHOSP OCT05-
V332	TWIN NOS-NONHOSP OCT05-	V391	LIVEBORN NOS-BEFORE ADM OCT05-
V341	OTH MULT NB-BEFORE ADM OCT05-	V392	LIVEBORN NOS-NONHOSP OCT05-

Obstetric Trauma—Vaginal Delivery with Instrument (PSI 18)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator.with ICD-9-CM codes for 3rd and 4th degree obstetric trauma in any diagnosis or procedure field.

ICD-9-CM Obstetric Trauma diagnosis codes:

66420,1,4	TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, THIRD DEGREE PERINEAL LACERATION
66430,1,4	TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, FOURTH DEGREE PERINEAL LACERATION

ICD-9-CM Obstetric Trauma procedure codes:

7550	REPAIR OF CURRENT OBSTETRIC LACERATIONS OF UTERUS
7551	REPAIR OF CURRENT OBSTETRIC LACERATIONS OF CERVIX
7552	REPAIR OF CURRENT OBSTETRIC LACERATIONS OF CORPUS UTERI
7561	REPAIR OF CURRENT OBSTETRIC LACERATION OF BLADDER AND URETHRA
7562	REPAIR OF CURRENT OBSTETRIC LACERATION OF RECTUM AND SPHINCTER ANI

Obstetric Trauma—Vaginal Delivery with Instrument (PSI 18)

Denominator:

All vaginal delivery discharges with any procedure code for instrument-assisted delivery.

Vaginal Delivery DRGs:

372 VAGINAL DELIVERY W/ COMPLICATING DIAGNOSES
373 VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES
374 VAGINAL DELIVERY W/ STERILIZATION AND/OR D AND C
375 VAGINAL DELIVERY W/ OR PROCEDURE EXCEPT STERILIZATION AND/OR D AND C

ICD-9-CM Instrument-Assisted Delivery procedure codes:

720 LOW FORCEPS OPERATION
721 LOW FORCEPS OPERATION W/ EPISIOTOMY
7221 MID FORCEPS OPERATION W/ EPISIOTOMY
7229 OTHER MID FORCEPS OPERATION
7231 HIGH FORCEPS OPERATION W/ EPISIOTOMY
7239 OTHER HIGH FORCEPS OPERATION
724 FORCEPS ROTATION OF FETAL HEAD
7251 PARTIAL BREECH EXTRACTION W/ FORCEPS TO AFTERCOMING HEAD
7253 TOTAL BREECH EXTRACTION W/ FORCEPS TO AFTERCOMING HEAD
726 FORCEPS APPLICATION TO AFTERCOMING HEAD
7271 VACUUM EXTRACTION W/ EPISIOTOMY
7279 VACUUM EXTRACTION DELIVERY NEC
728 OTHER SPECIFIED INSTRUMENTAL DELIVERY
729 UNSPECIFIED INSTRUMENTAL DELIVERY

Obstetric Trauma—Vaginal Delivery without Instrument (PSI 19)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator.with ICD-9-CM codes for 3rd and 4th degree obstetric trauma in any diagnosis or procedure field.

ICD-9-CM Obstetric Trauma diagnosis codes:

66420,1,4 TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, THIRD DEGREE PERINEAL LACERATION
66430,1,4 TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, FOURTH DEGREE PERINEAL LACERATION

ICD-9-CM Obstetric Trauma procedure codes:

7550 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF UTERUS
7551 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF CERVIX
7552 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF CORPUS UTERI
7561 REPAIR OF CURRENT OBSTETRIC LACERATION OF BLADDER AND URETHRA
7562 REPAIR OF CURRENT OBSTETRIC LACERATION OF RECTUM AND SPHINCTER ANI

Denominator:

All vaginal delivery discharge patients.

Vaginal Delivery DRGs:

Obstetric Trauma—Vaginal Delivery without Instrument (PSI 19)

372 VAGINAL DELIVERY W/ COMPLICATING DIAGNOSES
373 VAGINAL DELIVERY W/OCOMPLICATING DIAGNOSES
374 VAGINAL DELIVERY W/ STERILIZATION AND/OR D AND C
375 VAGINAL DELIVERY W/ OR PROCEDURE EXCEPT STERILIZATION AND/OR D AND C

Exclude cases:

- with instrument-assisted delivery.

ICD-9-CM Instrument-Assisted Delivery procedure codes

720 LOW FORCEPS OPERATION
721 LOW FORCEPS OPERATION W/ EPISIOTOMY
7221 MID FORCEPS OPERATION W/ EPISIOTOMY
7229 OTHER MID FORCEPS OPERATION
7231 HIGH FORCEPS OPERATION W/ EPISIOTOMY
7239 OTHER HIGH FORCEPS OPERATION
724 FORCEPS ROTATION OF FETAL HEAD
7251 PARTIAL BREECH EXTRACTION W/ FORCEPS TO AFTERCOMING HEAD
7253 TOTAL BREECH EXTRACTION W/ FORCEPS TO AFTERCOMING HEAD
726 FORCEPS APPLICATION TO AFTERCOMING HEAD
7271 VACUUM EXTRACTION W/ EPISIOTOMY
7279 VACUUM EXTRACTION DELIVERY NEC
728 OTHER SPECIFIED INSTRUMENTAL DELIVERY
729 UNSPECIFIED INSTRUMENTAL DELIVERY

Obstetric Trauma—Cesarean Delivery (PSI 20)

Numerator:

Discharges among cases meeting the inclusion and exclusion rules for the denominator.with ICD-9-CM codes for 3rd and 4th degree obstetric trauma in any diagnosis or procedure field.

ICD-9-CM Obstetric Trauma diagnosis codes:

66420,1,4 TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, THIRD DEGREE PERINEAL LACERATION (PSI 29 ONLY)
66430,1,4 TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, FOURTH DEGREE PERINEAL LACERATION

ICD-9-CM Obstetric Trauma procedure codes:

7550 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF UTERUS
7551 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF CERVIX
7552 REPAIR OF CURRENT OBSTETRIC LACERATIONS OF CORPUS UTERI
7561 REPAIR OF CURRENT OBSTETRIC LACERATION OF BLADDER AND URETHRA
7562 REPAIR OF CURRENT OBSTETRIC LACERATION OF RECTUM AND SPHINCTER ANI

Denominator:

All cesarean delivery discharges.

Cesarean Delivery DRGs:

370 CESAREAN SECTION W/ CC
371 CESAREAN SECTION W/OCC

Appendix A: Operating Room Procedure Codes

These codes are used by the following PSIs:

PSI	How Used
Complications of Anesthesia (PSI 1) - Page 3	Denominator inclusion - Page 3
Decubitus Ulcer (PSI 3) - Page 7	Denominator exclusion - Page 8
Postoperative Hip Fracture (PSI 8) - Page 24	Denominator inclusion - Page 24
Postoperative Hemorrhage or Hematoma (PSI 9) - Page 28	Denominator inclusion - Page 29
Postoperative Physiologic and Metabolic Derangement (PSI 10) - Page 29	Denominator inclusion - Page 30
Postoperative Respiratory Failure (PSI 11)- Page 31	Denominator inclusion - Page 32
Postoperative Pulmonary Embolism or Deep Vein Thrombosis (PSI 12) - Page 33	Denominator inclusion - Page 33

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the operating room procedure codes are referenced within the PSI detailed definition.

The ICD-9-CM codes added after January 17, 2005 are identified by the date of introduction, e.g., OCT 04, after the code label.

0044 PROC-VESSEL BIFURCATION OCT06-
0050 IMPL CRT PACEMAKER SYS
0051 IMPL CRT DEFIBRILLAT SYS
0052 IMP/REP LEAD LF VEN SYS
0053 IMP/REP CRT PACEMAKR GEN
0054 IMP/REP CRT DEFIB GENAT
0056 INS/REP IMPL SENSOR LEAD OCT06-
0057 IMP/REP SUBCUE CARD DEV OCT06-
0061 PERC ANGIO PRECEREB VES (OCT 04)
0062 PERC ANGIO INTRACRAN VES (OCT 04)
0066 PTCA OR CORONARY ATHER OCT05-
0070 REV HIP REPL-ACETAB/FEM OCT05-
0071 REV HIP REPL-ACETAB COMP OCT05-
0072 REV HIP REPL-FEM COMP OCT05-
0073 REV HIP REPL-LINER/HEAD OCT05-
0074 HIP REPL SURF-METAL/POLY OCT05-
0075 HIP REP SURF-METAL/METAL OCT05-
0076 HIP REP SURF-CERMC/CERMC OCT05-
0077 HIP REPL SURF-CERMC/POLY OCT06-
0080 REV KNEE REPLACEMT-TOTAL OCT05-
0081 REV KNEE REPL-TIBIA COMP OCT05-
0082 REV KNEE REPL-FEMUR COMP OCT05-
0083 REV KNEE REPLACE-PATELLA OCT05-
0084 REV KNEE REPL-TIBIA LIN OCT05-
0085 RESRF HIPTOTAL-ACET/FEM OCT06-
0086 RESRF HIPPART-FEM HEAD OCT06-
0087 RESRF HIPPART-ACETABLUM OCT06-
0112 OPEN CEREB MENINGES BX
0114 OPEN BRAIN BIOPSY
0115 SKULL BIOPSY
0118 OTHER BRAIN DX PROCEDURE
0119 OTHER SKULL DX PROCEDURE
0121 CRANIAL SINUS I & D
0122 REMOV INTRACRAN STIMULAT
0123 REOPEN CRANIOTOMY SITE
0124 OTHER CRANIOTOMY
0125 OTHER CRANIECTOMY
0126 INS CATH-CRANIAL CAVITY OCT05-
0127 REM CATH-CRANIAL CAVITY OCT05-
0128 INTRACEREB CTH-BURR HOLE OCT06-
0131 INCISE CEREBRAL MENINGES
0132 LOBOTOMY & TRACTOTOMY
0139 OTHER BRAIN INCISION
0141 THALAMUS OPERATIONS
0142 GLOBUS PALLIDUS OPS
0151 EX CEREB MENINGEAL LES
0152 HEMISPHERECTOMY
0153 BRAIN LOBECTOMY
0159 OTHER BRAIN EXCISION
016 EXCISE SKULL LESION
0201 LINEAR CRANIECTOMY
0202 ELEVATE SKULL FX FRAGMNT
0203 SKULL FLAP FORMATION
0204 BONE GRAFT TO SKULL
0205 SKULL PLATE INSERTION
0206 CRANIAL OSTEOPLASTY NEC
0207 SKULL PLATE REMOVAL
0211 SIMPLE SUTURE OF DURA
0212 BRAIN MENINGE REPAIR NEC
0213 MENINGE VESSEL LIGATION
0214 CHOROID PLEXECTOMY
022 VENTRICULOSTOMY
0231 VENTRICL SHUNT-HEAD/NECK
0232 VENTRI SHUNT-CIRCULA SYS
0233 VENTRICL SHUNT-THORAX
0234 VENTRICL SHUNT-ABDOMEN
0235 VENTRI SHUNT-UNINARY SYS
0239 OTHER VENTRICULAR SHUNT
0242 REPLACE VENTRICLE SHUNT
0243 REMOVE VENTRICLE SHUNT
0291 LYSIS CORTICAL ADHESION
0292 BRAIN REPAIR

0293	IMPLANT BRAIN STIMULATOR
0294	INSERT/REPLAC SKULL TONG
0299	SKULL & BRAIN OP NEC
0301	REMOVAL FB SPINAL CANAL
0302	REOPEN LAMINECTOMY SITE
0309	SPINAL CANAL EXPLOR NEC
031	INTRASPIN NERVE ROOT DIV
0321	PERCUTANEOUS CHORDOTOMY
0329	OTHER CHORDOTOMY
0332	SPINAL CORD/MENINGES BX
0339	OTHER SPINAL DX PROC
034	EXCIS SPINAL CORD LESION
0351	SPINE MENINGOCELE REPAIR
0352	MYELOMENINGOCEL REPAIR
0353	VERTEBRAL FX REPAIR
0359	SPINAL STRUCT REPAIR NEC
036	SPINAL CORD ADHESIOLYSIS
0371	SUBARACH-PERITON SHUNT
0372	SUBARACH-URETERAL SHUNT
0379	OTH SPINAL THECAL SHUNT
0393	INSERT SPINAL STIMULATOR
0394	REMOVE SPINAL STIMULATOR
0397	REVISE SPINE THECA SHUNT
0398	REMOVE SPINE THECA SHUNT
0399	SPINE CANAL STRUC OP NEC
0401	EXCISION ACOUSTC NEUROMA
0402	TRIGEMINAL NERV DIVISION
0403	PERIPH NERVE DIV NEC
0404	PERIPH NERVE INCIS NEC
0405	GASSERIAN GANGLIONECTOMY
0406	PERIPH GANGLIONECT NEC
0407	PERIPH NERV EXCISION NEC
0412	OPEN PERIPH NERVE BIOPSY
0419	PERIPH NERVE DX PROC NEC
043	PERIPHERAL NERVE SUTURE
0441	DECOMPRESS TRIGEM ROOT
0442	CRAN NERV ROOT DECOM NEC
0443	CARPAL TUNNEL RELEASE
0444	TARSAL TUNNEL RELEASE
0449	PER NERVE ADHESIOLYS NEC
045	PERIPHERAL NERVE GRAFT
046	PERIPH NERVE TRANSPOSIT
0471	HYPOGLOSS-FACIAL ANASTOM
0472	ACCESSORY-FACIAL ANASTOM
0473	ACCESS-HYPOGLOSS ANASTOM
0474	PERIPH NERV ANASTOM NEC
0475	POSTOP REVIS PER NERV OP
0476	LATE REPAIR PER NERV INJ
0479	OTHER NEUROPLASTY
0491	NEURECTASIS
0492	IMPLANT PERIPH STIMULAT
0493	REMOVE PERIPH STIMULATOR
0499	PERIPHERAL NERVE OPS NEC
050	SYMPATH NERVE DIVISION
0511	SYMPATHETIC NERVE BIOPSY
0519	SYMPATH NRV DX PROC NEC
0521	SPHENOPALATIN GANGLIONEC
0522	CERVICAL SYMPATHECTOMY
0523	LUMBAR SYMPATHECTOMY
0524	PRESACRAL SYMPATHECTOMY
0525	PERIART SYMPATHECTOMY
0529	OTHER SYMPATHECTOMY
0581	SYMPATHETIC NERVE REPAIR
0589	SYMPATHETIC NERVE OP NEC
059	OTHER NERVOUS SYSTEM OPS
0602	REOPEN THYROID FIELD WND
0609	INCIS THYROID FIELD NEC
0612	OPEN THYROID GLAND BX
0613	PARATHYROID BIOPSY
0619	THYR/PARATHY DX PROC NEC
062	UNILAT THYROID LOBECTOMY
0631	EXCISION THYROID LESION
0639	PART THYROIDECTOMY NEC
064	COMPLETE THYROIDECTOMY
0650	SUBSTERN THYROIDECT NOS
0651	PART SUBSTERN THYROIDECT
0652	TOT SUBSTERN THYROIDECT
066	LINGUAL THYROID EXCISION
067	THYROGLOSS DUCT EXCISION
0681	TOTAL PARATHYROIDECTOMY
0689	OTHER PARATHYROIDECTOMY
0691	THYROID ISTHMUS DIVISION
0692	THYROID VESSEL LIGATION
0693	THYROID SUTURE
0694	THYROID REIMPLANTATION
0695	PARATHYROID REIMPLANT
0698	OTHER THYROID OPERATIONS
0699	OTHER PARATHYROID OPS
0700	ADRENAL EXPLORATION NOS
0701	UNILAT ADRENAL EXPLORAT
0702	BILAT ADRENAL EXPLORAT
0712	OPEN ADRENAL GLAND BX
0713	TRANSFRONT PITUITARY BX
0714	TRANSPHEN PITUITARY BX
0715	PITUITARY BIOPSY NOS
0716	THYMUS BIOPSY
0717	PINEAL BIOPSY
0719	ENDOCRINE DX PROC NEC
0721	ADRENAL LESION EXCISION
0722	UNILATERAL ADRENALECTOMY
0729	PART ADRENALECTOMY NEC
073	BILATERAL ADRENALECTOMY
0741	ADRENAL INCISION
0742	ADRENAL NERVE DIVISION
0743	ADRENAL VESSEL LIGATION
0744	ADRENAL REPAIR
0745	ADRENAL REIMPLANTATION
0749	ADRENAL OPERATION NEC
0751	PINEAL FIELD EXPLORATION
0752	PINEAL GLAND INCISION
0753	PARTIAL PINEALECTOMY
0754	TOTAL PINEALECTOMY
0759	PINEAL OPERATION NEC
0761	EXC PITUIT LES-TRANSFRON
0762	EXC PITUIT LES-TRANSPHEN
0763	PART EXCIS PITUITARY NOS
0764	TOT EXC PITUIT-TRANSFRON
0765	TOT EXC PITUIT-TRANSPHEN
0768	TOTAL EXC PITUITARY NEC
0769	TOTAL EXC PITUITARY NOS
0771	PITUITARY FOSSA EXPLORAT
0772	PITUITARY GLAND INCISION
0779	PITUITARY OPERATION NEC
0780	THYMECTOMY NOS
0781	PART EXCISION OF THYMUS
0782	TOTAL EXCISION OF THYMUS
0791	THYMUS FIELD EXPLORATION
0792	INCISION OF THYMUS

0793	REPAIR OF THYMUS
0794	THYMUS TRANSPLANTATION
0799	THYMUS OPERATION NEC
0811	EYELID BIOPSY
0820	REMOVE EYELID LESION NOS
0821	CHALAZION EXCISION
0822	EXCISE MINOR LES LID NEC
0823	EXC MAJ LES LID PRT-THIC
0824	EXC MAJ LES LID FUL-THIC
0825	DESTRUCTION LID LESION
0831	PTOSIS REP-FRONT MUS SUT
0832	PTOSIS REP-FRON MUS SLNG
0833	PTOSIS REP-LEVAT MUS ADV
0834	PTOSIS REP-LEVAT MUS NEC
0835	PTOS REP-TARSAL TECHNIQ
0836	BLEPHAROPTOS REPAIR NEC
0837	REDUC OVERCORRECT PTOSIS
0838	CORRECT LID RETRACTION
0841	THERMOCAUT/ENTROPION REP
0842	SUTURE ENTROPION REPAIR
0843	WEDG RESEC ENTROPION REP
0844	LID RECONS ENTROPION REP
0849	ENTROPION/ECTROP REP NEC
0851	CANTHOTOMY
0852	BLEPHARORRHAPHY
0859	ADJUST LID POSITION NEC
0861	LID RECONST W SKIN GRAFT
0862	LID RECONST W MUC GRAFT
0863	LID RECONST W HAIR GRAFT
0864	LID RECON-TARSOCONJ FLAP
0869	LID RECONSTR W GRAFT NEC
0870	LID RECONSTRUCTION NOS
0871	LID MARG RECON-PART THIC
0872	LID RECONS-PART THIC NEC
0873	LID MARG RECONS FUL THIC
0874	LID RECONST-FUL THIC NEC
0891	ELECTROSURG LID EPILAT
0892	CRYOSURG LID EPILATION
0893	EYELID EPILATION NEC
0899	EYELID OPERATION NEC
090	LACRIMAL GLAND INCISION
0911	LACRIMAL GLAND BIOPSY
0912	LACRIMAL SAC BIOPSY
0919	LACRIMAL SYS DX PROC NEC
0920	EXC LACRIMAL GLAND NOS
0921	EXCIS LES LACRIMAL GLAND
0922	PART DACRYOADENECT NEC
0923	TOTAL DACRYOADENECTOMY
093	OTHER LACRIMAL GLAND OPS
0941	LACRIMAL PUNCTUM PROBE
0942	LAC CANALICULI PROBE
0943	NASOLACRIMAL DUCT PROBE
0944	NASOLAC DUCT INTUBAT
0949	LAC PASSAGE MANIP NEC
0951	LAC PUNCTUM INCISION
0952	LAC CANALICULI INCISION
0953	LACRIMAL SAC INCISION
0959	LACRIM PASSAGE INCIS NEC
096	LACRIM SAC/PASSAGE EXCIS
0971	CORRECT EVERTED PUNCTUM
0972	PUNCTUM REPAIR NEC
0973	CANALICULUS REPAIR
0981	DACRYOCYSTORHINOSTOMY
0982	CONJUNCTIVOCYSTORHINOST
0983	CONJUNCTIVORHINOS W TUBE
0991	LAC PUNCTUM OBLITERATION
0999	LACRIMAL SYSTEM OP NEC
100	INCISE/REMOV CONJUNCT FB
101	CONJUNCTIVA INCISION NEC
1021	CONJUNCTIVAL BIOPSY
1029	CONJUNCTIVA DX PROC NEC
1031	EXCISE CONJUNCTIV LESION
1032	DESTRUCT CONJUNC LES NEC
1033	OTH CONJUNC DESTRUC PROC
1041	SYMBLEPH REP W FREE GRFT
1042	GRAFT CONJUNC CUL-DE-SAC
1043	CONJUN CUL-DE-SAC RX NEC
1044	CONJUNC FREE GRAFT NEC
1049	CONJUNCTIVOPLASTY NEC
105	CONJUNC/LID ADHESIOLYSIS
106	REPAIR CONJUNCT LACERAT
1091	SUBCONJUNCTIVAL INJECT
1099	CONJUNCTIVAL OP NEC
110	MAGNET REMOVAL CORNEA FB
111	CORNEAL INCISION
1121	CORNEAL SCRAPE FOR SMEAR
1122	CORNEAL BIOPSY
1129	CORNEAL DX PROC NEC
1131	PTERYGIUM TRANSPOSITION
1132	PTERYG EXC W CORNEA GRFT
1139	PTERYGIUM EXCISION NEC
1141	MECH REMOV CORNEA EPITH
1142	THERMOCAUT CORNEA LESION
1143	CRYOTHERAP CORNEA LESION
1149	DESTRUCT CORNEA LES NEC
1151	SUTURE CORNEA LACERATION
1152	REP CORNEA POSTOP DEHISC
1153	RX CORNEA LAC W CONJ FLP
1159	CORNEAL REPAIR NEC
1160	CORNEAL TRANSPLANT NOS
1161	LAM KERATPLAST W AUTGRFT
1162	LAMELLAR KERATOPLAST NEC
1163	PERF KERATOPL W AUTOGRFT
1164	PERFORAT KERATOPLAST NEC
1169	CORNEAL TRANSPLANT NEC
1171	KERATOMILEUSIS
1172	KERATOPHAKIA
1173	KERATOPROSTHESIS
1174	THERMOKERATOPLASTY
1175	RADIAL KERATOTOMY
1176	EPIKERATOPHAKIA
1179	CORNEA RECONSTRUCT NEC
1191	CORNEAL TATTOOING
1192	REMOVE CORNEAL IMPLANT
1199	CORNEAL OPERATION NEC
1200	REMOV ANT SEGMNT FB NOS
1201	MAGNET REMOV ANT SEG FB
1202	NONMAG REMOV ANT SEG FB
1211	IRIDOTOMY W TRANSFIXION
1212	IRIDOTOMY NEC
1213	PROLAPSED IRIS EXCISION
1214	IRIDECTOMY NEC
1221	DX ASPIRAT-ANT CHAMBER
1222	IRIS BIOPSY
1229	ANT SEGMENT DX PROC NEC
1231	GONIOSYNECHIAE LYSIS
1232	ANT SYNECHIA LYSIS NEC
1233	POST SYNECHIAE LYSIS

1234	CORNEOVITREAL ADHESIOLYS
1235	COREOPLASTY
1239	IRIDOPLASTY NEC
1240	REMOV ANT SEGMNT LES NOS
1241	NONEXC DESTRUC IRIS LES
1242	EXCISION OF IRIS LESION
1243	NONEXC DESTR CIL BOD LES
1244	EXCISE CILIARY BODY LES
1251	GONIOPUNCTURE
1252	GONIOTOMY
1253	GONIOTOMY W GONIOPUNCTUR
1254	TRABECULOTOMY AB EXTERNO
1255	CYCLODIALYSIS
1259	FACILIT INTRAOC CIRC NEC
1261	TREPHIN SCLERA W IRIDECT
1262	THERMCAUT SCLER W IRIDEC
1263	IRIDENCLEISIS/IRIDOTASIS
1264	TRABECULECTOM AB EXTERNO
1265	SCLER FISTULIZ W IRIDECT
1266	POSTOP REVIS SCL FISTUL
1269	SCLER FISTULIZING OP NEC
1271	CYCLODIATHERMY
1272	CYCLOCRYOTHERAPY
1273	CYCLOPHOTOCOAGULATION
1274	CIL BODY DIMINUTION NOS
1279	GLAUCOMA PROCEDURE NEC
1281	SUTURE SCLERAL LACER
1282	SCLERAL FISTULA REPAIR
1283	REVIS ANT SEG OP WND NEC
1284	DESTRUCT SCLERAL LESION
1285	REPAIR STAPHYLOM W GRAFT
1286	REP SCLER STAPHYLOMA NEC
1287	GRAFT REINFORCE SCLERA
1288	SCLERA REINFORCEMENT NEC
1289	SCLERAL OPERATION NEC
1291	THERAPEUT EVAC ANT CHAMB
1292	ANTERIOR CHAMBER INJECT
1293	REMOV EPITHEL DOWNGROWTH
1297	IRIS OPERATION NEC
1298	CILIARY BODY OP NEC
1299	ANTERIOR CHAMBER OP NEC
1300	REMOVE FB LENS NOS
1301	MAGNET REMOVE FB LENS
1302	NONMAGNET REMOVE FB LENS
1311	TEMP-INF INTRCAP LENS EX
1319	INTRACAPSUL LENS EXT NEC
132	LINEAR EXTRACAP LENS EXT
133	SIMPL ASPIR LENS EXTRACT
1341	CATARAC PHACOEMULS/ASPIR
1342	POST CATARAC FRAG/ASPIR
1343	CATARACT FRAG/ASPIR NEC
1351	TEMP-INF XTRACAP LENS EX
1359	EXTRACAP LENS EXTRAC NEC
1361	EXTRACAP LENS EXTRAC NEC
1362	EXTRACAP LENS EXTRAC NEC
1363	EXTRACAP LENS EXTRAC NEC
1364	AFTER-CATAR DISCISSION
1365	AFTER-CATARACT EXCISION
1366	AFTER CATAR FRAGMNTATION
1369	CATARACT EXTRACTION NEC
1370	INSERT PSEUDOPHAKOS NOS
1371	INSERT LENS AT CATAR EXT
1372	SECONDARY INSERT LENS
138	IMPLANTED LENS REMOVAL
139	OTHER OPERATIONS ON LENS
1390	OPERATION ON LENS NEC OCT06-
1391	IMPL INTRAOC TELESC PROS OCT06-
1400	REMOV POST SEGMNT FB NOS
1401	MAGNET REMOV POST SEG FB
1402	NONMAG REMOV POST SEG FB
1411	DIAGNOST VITREOUS ASPIR
1419	DX PROC POST SEG NEC
1421	CHORIORET LES DIATHERMY
1422	CHORIORETIN LES CRYOTHER
1426	CHORIORET LES RADIOTHER
1427	CHORIORET LES RAD IMPLAN
1429	CHORIORET LES DESTR NEC
1431	RETINAL TEAR DIATHERMY
1432	RETINAL TEAR CRYOTHERAPY
1439	RETINAL TEAR REPAIR NEC
1441	SCLERAL BUCKLE W IMPLANT
1449	SCLERAL BUCKLING NEC
1451	DETACH RETINA-DIATHERMY
1452	DETACH RETINA-CRYOTHERAP
1453	DETACH RETINA XENON COAG
1454	DETACH RETINA LASER COAG
1455	DETACH RET PHOTOCOAG NOS
1459	REPAIR RETINA DETACH NEC
146	REMOV PROS MAT POST SEG
1471	ANTERIOR REMOV VITREOUS
1472	VITREOUS REMOVAL NEC
1473	ANTERIOR MECHAN VITRECT
1474	MECH VITRECTOMY NEC
1475	VITREOUS SUBSTITUT INJEC
1479	VITREOUS OPERATION NEC
149	OTHER POST SEGMENT OPS
1501	EXTRAOC MUSC-TEND BIOPSY
1509	EXTRAOC MUSC DX PROC NEC
1511	ONE EXTRAOC MUS RECESS
1512	1 EXTRAOC MUSCL ADVANCE
1513	1 EXTRAOC MUSCL RESECT
1519	XTRAOC MUS OP/DETACH NEC
1521	LENGTHEN 1 EXTRAOC MUSC
1522	SHORTEN 1 EXTRAOC MUSC
1529	OP ON 1 EXTRAOC MUSC NEC
153	TEMP DETACH >1 XTROC MUS
154	OTH OP ON >L EXTRAOC MUS
155	EXTRAOCUL MUS TRANSPOSIT
156	REVIS EXTRAOC MUSC SURG
157	EXTRAOC MUSC INJ REPAIR
159	OTH EXTRAOC MUS-TEND OP
1601	ORBITOTOMY W BONE FLAP
1602	ORBITOTOMY W IMPLANT
1609	ORBITOTOMY NEC
161	REMOVE PENETRAT FB EYE
1622	DIAGNOSTIC ASP OF ORBIT
1623	EYEBALL & ORBIT BIOPSY
1629	EYEBAL/ORBIT DX PROC NEC
1631	EYE EVISC W SYNCH IMPLAN
1639	EYEBALL EVISCERATION NEC
1641	EYE ENUC/IMPLAN/MUSC ATT
1642	EYE ENUC W IMPLANT NEC
1649	EYEBALL ENUCLEATION NEC
1651	RADICAL ORBITOMAXILLECT
1652	ORBIT EXENT W BONE REMOV
1659	ORBITAL EXENTERATION NEC
1661	2NDRY OCULAR IMP INSERT
1662	REVIS/REINSERT OCUL IMP

1663	REVIS ENUC SOCKET W GRFT
1664	ENUC SOCKET REVIS NEC
1665	2NDRY EXENT CAVITY GRAFT
1666	REVIS EXENTER CAVITY NEC
1669	2ND OP POST EYE REM NEC
1671	REMOVE OCULAR IMPLANT
1672	REMOVE ORBITAL IMPLANT
1681	REPAIR OF ORBITAL WOUND
1682	REPAIR EYEBALL RUPTURE
1689	EYE/ORBIT INJ REPAIR NEC
1692	EXCISION ORBITAL LESION
1693	EXCISION EYE LESION NOS
1698	OPERATION ON ORBIT NEC
1699	OPERATION ON EYEBALL NEC
1821	PREAURICULAR SINUS EXCIS
1831	RAD EXCIS EXT EAR LES
1839	EXCIS EXTERNAL EAR NEC
185	CORRECTION PROMINENT EAR
186	EXT AUDIT CANAL RECONSTR
1871	CONSTRUCTION EAR AURICLE
1872	REATTACH AMPUTATED EAR
1879	PLASTIC REP EXT EAR NEC
189	OTHER EXT EAR OPERATIONS
190	STAPES MOBILIZATION
1911	STAPEDECT W REPLAC INCUS
1919	STAPEDECTOMY NEC
1921	REV STAPDEC W INCUS REPL
1929	STAPEDECTOMY REVIS NEC
193	OSSICULAR CHAIN OP NEC
194	MYRINGOPLASTY
1952	TYPE 2 TYMPANOPLASTY
1953	TYPE 3 TYMPANOPLASTY
1954	TYPE 4 TYMPANOPLASTY
1955	TYPE 5 TYMPANOPLASTY
196	TYMPANOPLASTY REVISION
199	MIDDLE EAR REPAIR NEC
2001	MYRINGOTOMY W INTUBATION
2021	MASTOID INCISION
2022	PETRUS PYRAM AIR CEL INC
2023	MIDDLE EAR INCISION
2032	MID & INNER EAR BIOPSY
2039	MID/IN EAR DX PROC NEC
2041	SIMPLE MASTOIDECTOMY
2042	RADICAL MASTOIDECTOMY
2049	MASTOIDECTOMY NEC
2051	EXCISE MIDDLE EAR LESION
2059	MIDDLE EAR EXCISION NEC
2061	INNER EAR FENESTRATION
2062	REVIS INNER EAR FENESTRA
2071	ENDOLYMPHATIC SHUNT
2072	INNER EAR INJECTION
2079	INC/EXC/DESTR IN EAR NEC
2091	TYMPANOSYMPATHECTOMY
2092	MASTOIDECTOMY REVISION
2093	REPAIR OVAL/ROUND WINDOW
2095	ELECMAG HEAR DEV IMPLANT
2096	IMPLT COCHLEAR PROST NOS
2097	IMP/REP SCHAN COCH PROS
2098	IMP/REP MCHAN COCHL PROS
2099	MID-INNER EAR OPS NEC
2104	ETHMOID ART LIGAT-EPIST
2105	MAX ART LIG FOR EPISTAX
2106	EXT CAROT ART LIG-EPIST
2107	NASAL SEPT GRFT-EPISTAX
2109	EPISTAXIS CONTROL NEC
214	RESECTION OF NOSE
215	SUBMUC NASAL SEPT RESECT
2161	DIATHER/CRYO TURBINECTOM
2162	TURBINATE FRACTURE
2169	TURBINECTOMY NEC
2172	OPEN REDUCTION NASAL FX
2182	NASAL FISTULA CLOSURE
2183	TOT NASAL RECONSTRUCTION
2184	REVISION RHINOPLASTY
2185	AUGMENTATION RHINOPLASTY
2186	LIMITED RHINOPLASTY
2187	RHINOPLASTY NEC
2188	SEPTOPLASTY NEC
2189	NASAL REPAIR NEC
2199	NASAL OPERATION NEC
2212	OPEN BIOPSY NASAL SINUS
2231	RADICAL MAXILLARY ANTROT
2239	EXT MAXILLARY ANTROT NEC
2241	FRONTAL SINUSOTOMY
2242	FRONTAL SINUSECTOMY
2250	SINUSOTOMY NOS
2251	ETHMOIDOTOMY
2252	SPHENOIDOTOMY
2253	MULTIPLE SINUS INCISION
2260	SINUSECTOMY NOS
2261	C-LUC EXC MAX SINUS LES
2262	EXC MAX SINUS LESION NEC
2263	ETHMOIDECTOMY
2264	SPHENOIDECTOMY
2271	NASAL SINUS FISTULA CLOS
2279	NASAL SINUS REPAIR NEC
229	OTHER NASAL SINUS OPS
242	GINGIVOPLASTY
244	EXC OF DENTAL LES OF JAW
245	ALVEOLOPLASTY
2502	OPEN BIOPSY OF TONGUE
251	DESTRUCTION TONGUE LES
252	PARTIAL GLOSSECTOMY
253	COMPLETE GLOSSECTOMY
254	RADICAL GLOSSECTOMY
2559	REPAIR OF TONGUE NEC
2594	OTHER GLOSSOTOMY
2599	TONGUE OPERATION NEC
2612	OPEN BX SALIV GLAND/DUCT
2621	SALIVARY CYST MARSUPIAL
2629	SALIV LESION EXCIS NEC
2630	SIALOADENECTOMY NOS
2631	PARTIAL SIALOADENECTOMY
2632	COMPLETE SIALOADENECTOMY
2641	SUTURE OF SALIV GLND LAC
2642	SALIVARY FISTULA CLOSURE
2649	SALIVARY REPAIR NEC
2699	SALIVARY OPERATION NEC
270	DRAIN FACE & MOUTH FLOOR
271	INCISION OF PALATE
2721	BONY PALATE BIOPSY
2722	UVULA AND SOFT PALATE BX
2731	LOC EXC BONY PALATE LES
2732	WIDE EXC BONY PALATE LES
2742	WIDE EXCISION OF LIP LES
2743	EXCISION OF LIP LES NEC
2749	EXCISION OF MOUTH NEC
2753	CLOSURE OF MOUTH FISTULA

2754	REPAIR OF CLEFT LIP
2755	FULL-THICK GRFT TO MOUTH
2756	SKIN GRAFT TO MOUTH NEC
2757	PEDICLE ATTACH TO MOUTH
2759	MOUTH REPAIR NEC
2761	SUTURE OF PALATE LACERAT
2762	CLEFT PALATE CORRECTION
2763	REVIS CLEFT PALAT REPAIR
2769	OTH PLASTIC REPAIR PALAT
2771	INCISION OF UVULA
2772	EXCISION OF UVULA
2773	REPAIR OF UVULA
2779	OTHER UVULA OPERATIONS
2792	MOUTH INCISION NOS
2799	ORAL CAVITY OPS NEC
280	PERITONSILLAR I & D
2811	TONSIL&ADENOID BIOPSY
2819	TONSIL&ADENOID DX OP NEC
282	TONSILLECTOMY
283	TONSILLECTOMY/ADENOIDEC
284	EXCISION OF TONSIL TAG
285	EXCISION LINGUAL TONSIL
286	ADENOIDECTOMY
287	HEMORR CONTRL POST T & A
2891	INCIS TO REMOV TONSIL FB
2892	EXCIS TONSIL/ADENOID LES
2899	TONSIL/ADENOID OPS NEC
290	PHARYNGOTOMY
292	EXC BRANCHIAL CLEFT CYST
293	EXC BRANCHIAL CLEFT CYST
2931	CRICOPHARYNGEAL MYOTOMY
2932	PHARYNGEAL DIVERTICULEC
2933	PHARYNGECTOMY
2939	EXCIS/DESTR LES PHAR NEC
294	PLASTIC OP ON PHARYNX
2951	SUTURE OF PHARYNGEAL LAC
2952	CLOS BRANCH CLEFT FISTUL
2953	CLOS PHARYNX FISTULA NEC
2954	LYSIS PHARYNGEAL ADHES
2959	PHARYNGEAL REPAIR NEC
2992	DIVIS GLOSSOPHARYNG NERV
2999	PHARYNGEAL OPERATION NEC
3001	LARYNX CYST MARSUPIALIZ
3009	DESTRUCT LARYNX LES NEC
301	HEMILARYNGECTOMY
3021	EPIGLOTTIDECTOMY
3022	VOCAL CORDECTOMY
3029	OTHER PART LARYNGECTOMY
303	COMPLETE LARYNGECTOMY
304	RADICAL LARYNGECTOMY
3121	MEDIASTINAL TRACHEOSTOMY
3129	OTHER PERM TRACHEOSTOMY
313	INCIS LARYNX TRACHEA NEC
3145	OPN BX LARYNX OR TRACHEA
315	LOCAL DESTRUC TRACH LES
3161	SUTURE OF LARYNGEAL LAC
3162	LARYNGEAL FISTULA CLOS
3163	LARYNGOSTOMY REVISION
3164	LARYNGEAL FX REPAIR
3169	OTHER LARYNGEAL REPAIR
3171	SUTURE OF TRACHEAL LACER
3172	CLOSURE OF TRACHEOSTOMY
3173	TRACHEA FISTULA CLOS NEC
3174	REVISION OF TRACHEOSTOMY
3175	TRACHEAL RECONSTRUCTION
3179	OTHER TRACHEAL REPAIR
3191	LARYNGEAL NERV DIVISION
3192	LYSIS TRACH/LARYNX ADHES
3198	OTH LARYNGEAL OPERATION
3199	OTHER TRACHEAL OPERATION
320	OTHER TRACHEAL OPERATION
3209	OTHER DESTRUC BRONC LES
321	OTHER BRONCHIAL EXCISION
3221	EMPHYSEMA BLEB PLICATION
3222	LUNG VOL REDUCTION SURG
3223	OPEN ABLTN LUNG LES/TISS OCT06-
3224	PERC ABLTN LUNG LES/TISS OCT06-
3225	THOR ABLTN LUNG LES/TISS OCT06-
3226	ABLTN LUNG TISS NEC/NOS OCT06-
3229	DESTROY LOC LUNG LES NEC
323	SEGMENTAL LUNG RESECTION
324	LOBECTOMY OF LUNG
325	COMPLETE PNEUMONECTOMY
326	RAD DISSEC THORAC STRUCT
329	OTHER EXCISION OF LUNG
330	INCISION OF BRONCHUS
331	INCISION OF LUNG
3325	OPEN BRONCHIAL BIOPSY
3327	CLOS ENDOSCOPIC LUNG BX
3328	OPEN LUNG BIOPSY
3329	BRONCH/LUNG DX PROC NEC
3334	THORACOPLASTY
3339	SURG COLLAPS OF LUNG NEC
3341	BRONCHIAL LACERAT SUTURE
3342	BRONCHIAL FISTULA CLOS
3343	LUNG LACERATION CLOSURE
3348	BRONCHIAL REPAIR NEC
3349	LUNG REPAIR NEC
335	LUNG REPAIR NEC
3350	LUNG TRANSPLANT NOS
3351	UNILAT LUNG TRANSPLANT
3352	BILAT LUNG TRANSPLANT
336	COMB HEART/LUNG TRANSPLA
3392	BRONCHIAL LIGATION
3393	PUNCTURE OF LUNG
3398	BRONCHIAL OPERATION NEC
3399	LUNG OPERATION NEC
3402	EXPLORATORY THORACOTOMY
3403	REOPEN THORACOTOMY SITE
341	INCISION OF MEDIASTINUM
3421	TRANSPLEURA THORACOSCOPY
3422	MEDIASTINOSCOPY
3426	OPEN MEDIASTINAL BIOPSY
3427	BIOPSY OF DIAPHRAGM
3428	DX PROCEDURE THORAX NEC
3429	DX PROC MEDIASTINUM NEC
343	DESTRUCT MEDIASTIN LES
344	DESTRUCT CHEST WALL LES
3451	DECORTICATION OF LUNG
3459	OTHER PLEURAL EXCISION
346	SCARIFICATION OF PLEURA
3473	CLOS THORACIC FISTUL NEC
3474	PECTUS DEFORMITY REPAIR
3479	OTHER CHEST WALL REPAIR
3481	EXCISE DIAPHRAGM LESION
3482	SUTURE DIAPHRAGM LACERAT
3483	CLOSE DIAPHRAGM FISTULA
3484	OTHER DIAPHRAGM REPAIR

3485 IMPLANT DIAPHRA PACEMAKE
3489 DIAPHRAGM OPERATION NEC
3493 REPAIR OF PLEURA
3499 THORACIC OPERATION NEC
3500 CLOSED VALVOTOMY NOS
3501 CLOSED AORTIC VALVOTOMY
3502 CLOSED MITRAL VALVOTOMY
3503 CLOSED PULMON VALVOTOMY
3504 CLOSED TRICUSP VALVOTOMY
3510 OPEN VALVULOPLASTY NOS
3511 OPN AORTIC VALVULOPLASTY
3512 OPN MITRAL VALVULOPLASTY
3513 OPN PULMON VALVULOPLASTY
3514 OPN TRICUS VALVULOPLASTY
3520 REPLACE HEART VALVE NOS
3521 REPLACE AORT VALV-TISSUE
3522 REPLACE AORTIC VALVE NEC
3523 REPLACE MITR VALV-TISSUE
3524 REPLACE MITRAL VALVE NEC
3525 REPLACE PULM VALV-TISSUE
3526 REPLACE PULMON VALVE NEC
3527 REPLACE TRIC VALV-TISSUE
3528 REPLACE TRICUSP VALV NEC
3531 PAPILLARY MUSCLE OPS
3532 CHORDAE TENDINEAE OPS
3533 ANNULOPLASTY
3534 INFUNDIBULECTOMY
3535 TRABECUL CARNEAE CORD OP
3539 TISS ADJ TO VALV OPS NEC
3542 CREATE SEPTAL DEFECT
3550 PROSTH REP HRT SEPTA NOS
3551 PROS REP ATRIAL DEF-OPN
3552 PROS REPAIR ATRIA DEF-CL
3553 PROST REPAIR VENTRIC DEF
3554 PROS REP ENDOCAR CUSHION
3555 PROS REP VENTRC DEF-CLOS OCT06-
3560 GRFT REPAIR HRT SEPT NOS
3561 GRAFT REPAIR ATRIAL DEF
3562 GRAFT REPAIR VENTRIC DEF
3563 GRFT REP ENDOCAR CUSHION
3570 HEART SEPTA REPAIR NOS
3571 ATRIA SEPTA DEF REP NEC
3572 VENTR SEPTA DEF REP NEC
3573 ENDOCAR CUSHION REP NEC
3581 TOT REPAIR TETRAL FALLOT
3582 TOTAL REPAIR OF TAPVC
3583 TOT REP TRUNCUS ARTERIOS
3584 TOT COR TRANSPOS GRT VES
3591 INTERAT VEN RETRN TRANSP
3592 CONDUIT RT VENT-PUL ART
3593 CONDUIT LEFT VENTR-AORTA
3594 CONDUIT ARTIUM-PULM ART
3595 HEART REPAIR REVISION
3596 PERC HEART VALVULOPLASTY
3598 OTHER HEART SEPTA OPS
3599 OTHER HEART VALVE OPS
3600 OTHER HEART VALVE OPS
3601 PTCA-1 VES/ATH W/O AGENT
3602 PTCA-1 VES/ATH W AGENT
3603 OPEN CORONRY ANGIOPLASTY
3605 PTCA-MULTIPLE VESSEL/ATH
3609 REM OF COR ART OBSTR NEC
3610 AORTOCORONARY BYPASS NOS
3611 AORTOCOR BYPAS-1 COR ART
3612 AORTOCOR BYPAS-2 COR ART
3613 AORTOCOR BYPAS-3 COR ART
3614 AORTCOR BYPAS-4+ COR ART
3615 1 INT MAM-COR ART BYPASS
3616 2 INT MAM-COR ART BYPASS
3617 ABD-CORON ARTERY BYPASS
3619 HRT REVAS BYPS ANAS NEC
362 ARTERIAL IMPLANT REVASC
363 ARTERIAL IMPLANT REVASC
3631 OPEN CHEST TRANS REVASC
3632 OTH TRANSMYO REVASCULAR
3633 ENDO TRANSMYO REVASCULAR OCT06-
3634 PERC TRANSMYO REVASCULAR OCT06-
3639 OTH HEART REVASCULAR
3691 CORON VESS ANEURYSM REP
3699 HEART VESSEL OP NEC
3710 INCISION OF HEART NOS
3711 CARDIOTOMY
3712 PERICARDIOTOMY
3724 PERICARDIAL BIOPSY
3731 PERICARDIECTOMY
3732 HEART ANEURYSM EXCISION
3733 EXC/DEST HRT LESION OPEN
3734 EXC/DEST HRT LES OTHER
3735 PARTIAL VENTRICULECTOMY
374 HEART & PERICARD REPAIR
3741 IMPL CARDIAC SUPPORT DEV OCT05-
3749 HEART/PERICARD REPR NEC OCT05-
375 HEART & PERICARD REPAIR
3751 HEART TRANSPLANTATION OCT03-
3752 IMPLANT TOT REP HRT SYS
3753 REPL/REP THORAC UNIT HRT
3754 REPL/REP OTH TOT HRT SYS
3761 PULSATION BALLOON IMPLAN
3762 IMPLANT HRT ASST SYS NEC
3763 REPLACE HRT ASSIST SYST
3764 REMOVE HEART ASSIST SYS
3765 IMP EXT PUL HRT ASST SYS
3766 IMP IMP PUL HRT ASST SYS
3767 IMP CARDIOMYOSTIMUL SYS
3774 INT OR REPL LEAD EPICAR
3775 REVISION OF LEAD
3776 REPL TV ATRI-VENT LEAD
3777 REMOVAL OF LEAD W/O REPL
3779 REVIS OR RELOCATE POCKET
3780 INT OR REPL PERM PACEMKR
3785 REPL PACEM W 1-CHAM, NON
3786 REPL PACEM 1-CHAM, RATE
3787 REPL PACEM W DUAL-CHAM
3789 REVISE OR REMOVE PACEMAK
3790 INS LEFT ATR APPEND DEV (OCT 04)
3791 OPN CHEST CARDIAC MASSAG
3794 IMPLT/REPL CARDDEFIB TOT
3795 IMPLT CARDIODEFIB LEADS
3796 IMPLT CARDIODEFIB GENATR
3797 REPL CARDIODEFIB LEADS
3798 REPL CARDIODEFIB GENRATR
3799 OTHER HEART/PERICARD OPS
3800 INCISION OF VESSEL NOS
3801 INTRACRAN VESSEL INCIS
3802 HEAD/NECK VES INCIS NEC
3803 UPPER LIMB VESSEL INCIS
3804 INCISION OF AORTA
3805 THORACIC VESSEL INC NEC

3806	ABDOMEN ARTERY INCISION
3807	ABDOMINAL VEIN INCISION
3808	LOWER LIMB ARTERY INCIS
3809	LOWER LIMB VEIN INCISION
3810	ENDARTERECTOMY NOS
3811	INTRACRAN ENDARTERECTOMY
3812	HEAD & NECK ENDARTER NEC
3813	UPPER LIMB ENDARTERECTOM
3814	ENDARTERECTOMY OF AORTA
3815	THORACIC ENDARTERECTOMY
3816	ABDOMINAL ENDARTERECTOMY
3818	LOWER LIMB ENDARTERECT
3821	BLOOD VESSEL BIOPSY
3829	BLOOD VESSEL DX PROC NEC
3830	VESSEL RESECT/ANAST NOS
3831	INTRACRAN VES RESEC-ANAS
3832	HEAD/NECK VES RESEC-ANAS
3833	ARM VESSEL RESECT/ANAST
3834	AORTA RESECTION & ANAST
3835	THOR VESSEL RESECT/ANAST
3836	ABD VESSEL RESECT/ANAST
3837	ABD VEIN RESECT & ANAST
3838	LEG ARTERY RESECT/ANAST
3839	LEG VEIN RESECT/ANASTOM
3840	VESSEL RESECT/REPLAC NOS
3841	INTRACRAN VES RESEC-REPL
3842	HEAD/NECK VES RESEC-REPL
3843	ARM VES RESECT W REPLACE
3844	RESECT ABDM AORTA W REPL
3845	RESECT THORAC VES W REPL
3846	ABD ARTERY RESEC W REPLA
3847	ABD VEIN RESECT W REPLAC
3848	LEG ARTERY RESEC W REPLA
3849	LEG VEIN RESECT W REPLAC
3850	VARICOSE V LIG-STRIP NOS
3851	INTCRAN VAR V LIG-STRIP
3852	HEAD/NECK VAR V LIG-STR
3853	ARM VARICOSE V LIG-STRIP
3855	THORAC VAR V LIG-STRIP
3857	ABD VARICOS V LIGA-STRIP
3859	LEG VARICOS V LIGA-STRIP
3860	EXCISION OF VESSEL NOS
3861	INTRACRAN VESSEL EXCIS
3862	HEAD/NECK VESSEL EXCIS
3863	ARM VESSEL EXCISION
3864	EXCISION OF AORTA
3865	THORACIC VESSEL EXCISION
3866	ABDOMINAL ARTERY EXCIS
3867	ABDOMINAL VEIN EXCISION
3868	LEG ARTERY EXCISION
3869	LEG VEIN EXCISION
387	INTERRUPTION VENA CAVA
3880	SURG VESSEL OCCLUS NEC
3881	OCCLUS INTRACRAN VES NEC
3882	OCCLUS HEAD/NECK VES NEC
3883	OCCLUDE ARM VESSEL NEC
3884	OCCLUDE AORTA NEC
3885	OCCLUDE THORACIC VES NEC
3886	OCCLUDE ABD ARTERY NEC
3887	OCCLUDE ABD VEIN NEC
3888	OCCLUDE LEG ARTERY NEC
3889	OCCLUDE LEG VEIN NEC
390	SYSTEMIC-PULM ART SHUNT
391	INTRA-ABD VENOUS SHUNT
3921	CAVAL-PULMON ART ANASTOM
3922	AORTA-SUBCLV-CAROT BYPAS
3923	INTRATHORACIC SHUNT NEC
3924	AORTA-RENAL BYPASS
3925	AORTA-ILIAC-FEMOR BYPASS
3926	INTRA-ABDOMIN SHUNT NEC
3927	DIALYSIS ARTERIOVENOSTOM
3928	EXTRACRAN-INTRACR BYPASS
3929	VASC SHUNT & BYPASS NEC
3930	SUTURE OF VESSEL NOS
3931	SUTURE OF ARTERY
3932	SUTURE OF VEIN
3941	POSTOP VASC OP HEM CONTR
3942	REVIS REN DIALYSIS SHUNT
3943	REMOV REN DIALYSIS SHUNT
3949	VASC PROC REVISION NEC
3950	ANGIO/ATH NON-CORO VES
3951	CLIPPING OF ANEURYSM
3952	ANEURYSM REPAIR NEC
3953	ARTERIOVEN FISTULA REP
3954	RE-ENTRY OPERATION
3955	REIMPLAN ABERR RENAL VES
3956	REPAIR VESS W TIS PATCH
3957	REP VESS W SYNTH PATCH
3958	REPAIR VESS W PATCH NOS
3959	REPAIR OF VESSEL NEC
397	PER CARDIOPULMON BYPASS
3971	ENDO IMPL GRFT ABD AORTA
3972	ENDOVASC REPAIR HEAD VES
3973	ENDO IMP GRFT THOR AORTA OCT05-
3974	ENDO REM OBS HD/NECK VES OCT06-
3979	ENDO REPAIR OTHER VESSEL
398	VASCULAR BODY OPERATIONS
3991	FREEING OF VESSEL
3992	VEIN INJECT-SCLEROS AGNT
3993	INSERT VES-TO-VES CANNUL
3994	REPLAC VES-TO-VES CANNUL
3998	HEMORRHAGE CONTROL NOS
3999	VESSEL OPERATION NEC
400	INCIS LYMPHATIC STRUCTUR
4011	LYMPHATIC STRUCT BIOPSY
4019	LYMPHATIC DIAG PROC NEC
4021	EXCIS DEEP CERVICAL NODE
4022	EXCISE INT MAMMARY NODE
4023	EXCISE AXILLARY NODE
4024	EXCISE INGUINAL NODE
4029	SIMP EXC LYMPH STRUC NEC
403	REGIONAL LYMPH NODE EXC
4040	RAD NECK DISSECTION NOS
4041	UNILAT RAD NECK DISSECT
4042	BILAT RAD NECK DISSECT
4050	RAD NODE DISSECTION NOS
4051	RAD DISSEC AXILLARY NODE
4052	RAD DISSEC PERIAORT NODE
4053	RAD DISSECT ILIAC NODES
4054	RADICAL GROIN DISSECTION
4059	RAD NODE DISSECTION NEC
4061	THORAC DUCT CANNULATION
4062	THORACIC DUCT FISTULIZAT
4063	CLOSE THORACIC DUCT FIST
4064	LIGATE THORACIC DUCT
4069	THORACIC DUCT OP NEC
409	LYMPH STRUCTURE OP NEC
410	BONE MARROW TRNSPLNT

4100	BONE MARROW TRNSPLNT NOS
4101	AUTO BONE MT W/O PURG
4102	ALO BONE MARROW TRNSPLNT
4103	ALLOGRFT BONE MARROW NOS
4104	AUTO HEM STEM CT W/O PUR
4105	ALLO HEM STEM CT W/O PUR
4106	CORD BLD STEM CELL TRANS
4107	AUTO HEM STEM CT W PURG
4108	ALLO HEM STEM CT W PURG
4109	AUTO BONE MT W PURGING
412	SPLENOTOMY
4133	OPEN SPLEEN BIOPSY
4141	SPLENIC CYST MARSUPIAL
4142	EXC SPLENIC LESION/TISS
4143	PARTIAL SPLENECTOMY
415	TOTAL SPLENECTOMY
4193	EXC OF ACCESSORY SPLEEN
4194	SPLEEN TRANSPLANTATION
4195	REPAIR OF SPLEEN
4199	SPLEEN OPERATION NEC
4201	ESOPHAGEAL WEB INCISION
4209	ESOPHAGEAL INCISION NEC
4210	ESOPHAGOSTOMY NOS
4211	CERVICAL ESOPHAGOSTOMY
4212	ESOPH POUCH EXTERIORIZAT
4219	EXT FISTULIZAT ESOPH NEC
4221	ESOPHAGOSCOPY BY INCIS
4225	OPEN BIOPSY OF ESOPHAGUS
4231	LOC EXCIS ESOPH DIVERTIC
4232	LOCAL EXCIS ESOPHAG NEC
4239	DESTRUCT ESOPHAG LES NEC
4240	ESOPHAGECTOMY NOS
4241	PARTIAL ESOPHAGECTOMY
4242	TOTAL ESOPHAGECTOMY
4251	THORAC ESOPHAGOESOPHAGOS
4252	THORAC ESOPHAGOGASTROST
4253	THORAC SM BOWEL INTERPOS
4254	THORAC ESOPHAGOENTER NEC
4255	THORAC LG BOWEL INTERPOS
4256	THORAC ESOPHAGOCOLOS NEC
4258	THORAC INTERPOSITION NEC
4259	THORAC ESOPHAG ANAST NEC
4261	STERN ESOPHAGOESOPHAGOST
4262	STERN ESOPHAGOGASTROSTOM
4263	STERN SM BOWEL INTERPOS
4264	STERN ESOPHAGOENTER NEC
4265	STERN LG BOWEL INTERPOS
4266	STERN ESOPHAGOCOLOS NEC
4268	STERN INTERPOSITION NEC
4269	STERN ESOPHAG ANAST NEC
427	ESOPHAGOMYOTOMY
4282	SUTURE ESOPHAGEAL LACER
4283	ESOPHAGOSTOMY CLOSURE
4284	ESOPH FISTULA REPAIR NEC
4285	ESOPHAG STRICTURE REPAIR
4286	PROD SUBQ TUNNEL NO ANAS
4287	ESOPHAGEAL GRAFT NEC
4289	ESOPHAGEAL REPAIR NEC
4291	LIGATION ESOPH VARIX
430	GASTROTOMY
431	GASTROTOMY
432	OTHER GASTROSTOMY
433	PYLOROMYOTOMY
4342	LOCAL GASTR EXCISION NEC
4349	LOCAL GASTR DESTRUCT NEC
435	PROXIMAL GASTRECTOMY
436	DISTAL GASTRECTOMY
437	PART GASTREC W JEJ ANAST
4381	PART GAST W JEJ TRANSPOS
4389	PARTIAL GASTRECTOMY NEC
4391	TOT GAST W INTES INTERPO
4399	TOTAL GASTRECTOMY NEC
4400	VAGOTOMY NOS
4401	TRUNCAL VAGOTOMY
4402	HIGHLY SELECT VAGOTOMY
4403	SELECTIVE VAGOTOMY NEC
4411	TRANSABDOMIN GASTROSCOPY
4415	OPEN GASTRIC BIOPSY
442	GASTRIC DIAGNOS PROC NEC
4421	DILATE PYLORUS, INCISION
4429	OTHER PYLOROPLASTY
4431	HIGH GASTRIC BYPASS
4432	PERCU GASTROJEJUNOSTOMY
4438	LAP GASTROENTEROSTOMY (OCT 04)
4439	GASTROENTEROSTOMY NEC
4440	SUTURE PEPTIC ULCER NOS
4441	SUT GASTRIC ULCER SITE
4442	SUTURE DUODEN ULCER SITE
445	REVISION GASTRIC ANASTOM
4461	SUTURE GASTRIC LACERAT
4463	CLOSE GASTRIC FISTUL NEC
4464	GASTROPEXY
4465	ESOPHAGOGASTROPLASTY
4466	CREAT ESOPHAGASTR SPHINC
4467	LAP CREAT ESOPH SPHINCT (OCT 04)
4468	LAPAROSCOP GASTROPLSTY (OCT 04)
4469	GASTRIC REPAIR NEC
4491	LIGATE GASTRIC VARICES
4492	INTRAOP GASTRIC MANIPUL
4495	LAP GASTRIC RESTRIC PROC (OCT 04)
4496	LAP REV GAST RESTRI PROC (OCT 04)
4497	LAP REM GAST RESTRIC DEV (OCT 04)
4498	ADJUST GAST RESTRICT DEV (OCT 04)
4499	GASTRIC OPERATION NEC
4500	INTESTINAL INCISION NOS
4501	DUODENAL INCISION
4502	SMALL BOWEL INCISION NEC
4503	LARGE BOWEL INCISION
4511	TRANSAB SM BOWEL ENDOSC
4515	OPEN SMALL BOWEL BIOPSY
4521	TRANSAB LG BOWEL ENDOSC
4526	OPEN LARGE BOWEL BIOPSY
4531	OTH EXCISE DUODENUM LES
4532	DESTRUCT DUODEN LES NEC
4533	LOCAL EXCIS SM BOWEL NEC
4534	DESTR SM BOWEL LES NEC
4541	EXCISE LG INTESTINE LES
4549	DESTRUC LG BOWEL LES NEC
4550	INTEST SEG ISOLAT NOS
4551	SM BOWEL SEGMENT ISOLAT
4552	LG BOWEL SEGMENT ISOLAT
4561	MULT SEG SM BOWEL EXCIS
4562	PART SM BOWEL RESECT NEC
4563	TOTAL REMOVAL SM BOWEL
4571	MULT SEG LG BOWEL EXCIS
4572	CECECTOMY
4573	RIGHT HEMICOLECTOMY
4574	TRANSVERSE COLON RESECT

4575	LEFT HEMICOLECTOMY
4576	SIGMOIDECTOMY
4579	PART LG BOWEL EXCIS NEC
458	TOT INTRA-ABD COLECTOMY
4590	INTESTINAL ANASTOM NOS
4591	SM-TO-SM BOWEL ANASTOM
4592	SM BOWEL-RECT STUMP ANAS
4593	SMALL-TO-LARGE BOWEL NEC
4594	LG-TO-LG BOWEL ANASTOM
4595	ANAL ANASTOMOSIS
4601	SM BOWEL EXTERIORIZATION
4602	RESECT EXT SEG SM BOWEL
4603	LG BOWEL EXTERIORIZATION
4604	RESECT EXT SEG LG BOWEL
4610	COLOSTOMY NOS
4611	TEMPORARY COLOSTOMY
4612	TEMPORARY COLOSTOMY
4613	PERMANENT COLOSTOMY
4620	ILEOSTOMY NOS
4621	TEMPORARY ILEOSTOMY
4622	CONTINENT ILEOSTOMY
4623	PERMANENT ILEOSTOMY NEC
4640	INTEST STOMA REVIS NOS
4641	SM BOWEL STOMA REVISION
4642	PERICOLOST HERNIA REPAIR
4643	LG BOWEL STOMA REVIS NEC
4650	INTEST STOMA CLOSURE NOS
4651	SM BOWEL STOMA CLOSURE
4652	LG BOWEL STOMA CLOSURE
4660	INTESTINAL FIXATION NOS
4661	SM BOWEL-ABD WALL FIXAT
4662	SMALL BOWEL FIXATION NEC
4663	LG BOWEL-ABD WALL FIXAT
4664	LARGE BOWEL FIXATION NEC
4671	DUODENAL LACERAT SUTURE
4672	DUODENAL FISTULA CLOSURE
4673	SMALL BOWEL SUTURE NEC
4674	CLOSE SM BOWEL FIST NEC
4675	SUTURE LG BOWEL LACERAT
4676	CLOSE LG BOWEL FISTULA
4679	REPAIR OF INTESTINE NEC
4680	INTRA-AB BOWEL MANIP NOS
4681	INTRA-ABD SM BOWEL MANIP
4682	INTRA-ABD LG BOWEL MANIP
4691	MYOTOMY OF SIGMOID COLON
4692	MYOTOMY OF COLON NEC
4693	REVISE SM BOWEL ANASTOM
4694	REVISE LG BOWEL ANASTOM
4697	TRANSPLANT OF INTESTINE
4699	INTESTINAL OP NEC
470	INTESTINAL OP NEC
4701	LAP APPENDECTOMY
4709	OTHER APPENDECTOMY
471	OTHER APPENDECTOMY
4711	LAP INCID APPENDECTOMY
4719	OTHER INCID APPENDECTOMY
472	DRAIN APPENDICEAL ABSC
4791	APPENDICOSTOMY
4792	CLOSE APPENDICEAL FISTUL
4799	APPENDICEAL OPS NEC
480	PROCTOTOMY
481	PROCTOSTOMY
4821	TRANSAB PROCTOSIGMOIDOSC
4825	OPEN RECTAL BIOPSY
4835	LOCAL EXCIS RECTAL LES
4841	SOAVE SUBMUC RECT RESECT
4849	PULL-THRU RECT RESEC NEC
485	ABD-PERINEAL RECT RESECT
4861	TRANSSAC RECTOSIGMOIDECT
4862	ANT RECT RESECT W COLOST
4863	ANTERIOR RECT RESECT NEC
4864	POSTERIOR RECT RESECTION
4865	DUHAMEL RECTAL RESECTION
4866	DUHAMEL RECTAL RESECTION
4869	RECTAL RESECTION NEC
4871	SUTURE OF RECTAL LACER
4872	CLOSURE OF PROCTOSTOMY
4873	CLOSE RECTAL FIST NEC
4874	RECTORECTOSTOMY
4875	ABDOMINAL PROCTOPEXY
4876	PROCTOPEXY NEC
4879	REPAIR OF RECTUM NEC
4881	PERIRECTAL INCISION
4882	PERIRECTAL EXCISION
4891	INCIS RECTAL STRICTURE
4892	ANORECTAL MYOMECTOMY
4893	REPAIR PERIRECT FISTULA
4899	RECTAL PERIRECT OP NEC
4901	INCIS PERIANAL ABSCESS
4902	PERIANAL INCISION NEC
4904	PERIANAL EXCISION NEC
4911	ANAL FISTULOTOMY
4912	ANAL FISTULECTOMY
493	ANAL/PERIAN DX PROC NEC
4939	OTHER DESTRUC ANUS LES
4944	HEMORRHOID CRYOTHERAPY
4945	HEMORRHOID LIGATION
4946	HEMORRHOIDECTOMY
4949	HEMORRHOID PROCEDURE NEC
4951	LEFT LAT SPHINCTEROTOMY
4952	POST SPHINCTEROTOMY
4959	ANAL SPHINCTEROTOMY NEC
496	EXCISION OF ANUS
4971	SUTURE ANAL LACERATION
4972	ANAL CERCLAGE
4973	CLOSURE OF ANAL FISTULA
4974	GRACILIS MUSC TRANSPLAN
4975	IMPL OR REV ART ANAL SPH
4976	REMOV ART ANAL SPHINCTER
4979	ANAL SPHINCT REPAIR NEC
4991	INCISION OF ANAL SEPTUM
4992	INSERT SUBQ ANAL STIMUL
4993	ANAL INCISION NEC
4994	REDUCTION ANAL PROLAPSE
4995	CONTROL ANAL HEMORRHAGE
4999	ANAL OPERATION NEC
500	HEPATOTOMY
5012	OPEN LIVER BIOPSY
5019	HEPATIC DX PROC NEC
5021	MARSUPIALIZAT LIVER LES
5022	PARTIAL HEPATECTOMY
5023	OPN ABLTN LIVER LES/TISS OCT06-
5024	PERC ABLTN LIVER LES/TIS OCT06-
5025	LAP ABLTN LIVER LES/TISS OCT06-
5026	ABLTN LIVER LES/TISS NEC OCT06-
5029	DESTRUC HEPATIC LES NEC
503	HEPATIC LOBECTOMY
504	TOTAL HEPATECTOMY

5051	AUXILIARY LIVER TRANSPL
5059	LIVER TRANSPLANT NEC
5061	CLOSURE LIVER LACERAT
5069	LIVER REPAIR NEC
5102	TROCAR CHOLECYSTOSTOMY
5103	CHOLECYSTOSTOMY NEC
5104	CHOLECYSTOTOMY NEC
5113	OPEN BILIARY TRACT BX
5119	BILIARY TR DX PROC NEC
5121	OTH PART CHOLECYSTECTOMY
5122	CHOLECYSTECTOMY
5123	LAPAROSCOPIC CHOLECYSTEC
5124	LAP PART CHOLECYSTECTOMY
5131	GB-TO-HEPAT DUCT ANAST
5132	GB-TO-INTESTINE ANASTOM
5133	GB-TO-PANCREAS ANASTOM
5134	GB-TO-STOMACH ANASTOMOS
5135	GALLBLADDER ANASTOM NEC
5136	CHOLEDOCHOENTEROSTOMY
5137	HEPATIC DUCT-GI ANASTOM
5139	BILE DUCT ANASTOMOS NEC
5141	CDE FOR CALCULUS REMOV
5142	CDE FOR OBSTRUCTION NEC
5143	CHOLEDOCHOHEPAT INTUBAT
5149	INCIS OBSTR BILE DUC NEC
5151	COMMON DUCT EXPLORATION
5159	BILE DUCT INCISION NEC
5161	EXCIS CYST DUCT REMNANT
5162	EXCIS AMPULLA OF VATER
5163	COMMON DUCT EXCIS NEC
5169	BILE DUCT EXCISION NEC
5171	SIMPLE SUT-COMMON DUCT
5172	CHOLEDOCHOPLASTY
5179	BILE DUCT REPAIR NEC
5181	SPHINCTER OF ODDI DILAT
5182	PANCREAT SPHINCTEROTOM
5183	PANCREAT SPHINCTEROPLAS
5189	SPHINCT OF ODDI OP NEC
5191	REPAIR GB LACERATION
5192	CLOSURE CHOLECYSTOSTOMY
5193	CLOS BILIARY FISTUL NEC
5194	REVIS BILE TRACT ANASTOM
5195	REMOVE BILE DUCT PROSTH
5199	BILIARY TRACT OP NEC
5201	CATH DRAIN-PANCREAT CYST
5209	PANCREATOTOMY NEC
5212	OPEN PANCREATIC BIOPSY
5219	PANCREATIC DX PROC NEC
522	PANCREATIC DX PROC NEC
5222	OTHER DESTRU PANCREA LES
523	PANCREAT CYST MARSUPIALI
524	INT DRAIN PANCREAT CYST
5251	PROXIMAL PANCREATECTOMY
5252	DISTAL PANCREATECTOMY
5253	RAD SUBTOT PANCREATECTOM
5259	PARTIAL PANCREATECT NEC
526	TOTAL PANCREATECTOMY
527	RAD PANCREATICODUODENECT
5280	PANCREAT TRANSPLANT NOS
5281	REIMPLANT PANCREATIC TIS
5282	PANCREATIC HOMOTRANSPLAN
5283	PANCREATIC HETEROTRANSPL
5291	TRNSPLNT ISLETS LANG NOS
5292	CANNULATION PANCREA DUC
5295	PANCREATIC REPAIR NEC
5296	PANCREATIC ANASTOMOSIS
5299	PANCREATIC OPERATION NEC
5300	UNILAT ING HERN REP NOS
5301	REPAIR DIRECT ING HERNIA
5302	REPAIR INDIR ING HERNIA
5303	DIR ING HERNIA REP-GRAFT
5304	IND ING HERNIA REP-GRAFT
5305	ING HERNIA REP-GRAFT NOS
5310	BILAT ING HERNIA REP NOS
5311	BILAT DIR ING HERN REP
5312	BILAT IND ING HERN REP
5313	BIL DIR/IND ING HRN REP
5314	BIL DIR ING HRN REP-GRFT
5315	BIL IND ING HRN REP-GRFT
5316	BIL DIR/IND ING HERN-PRO
5317	BIL ING HRN REP-GRFT NOS
5321	UNIL FEMOR HRN REP-GRFT
5329	UNIL FEMOR HERN REP NEC
5331	BIL FEM HERN REPAIR-GRFT
5339	BIL FEM HERN REPAIR NEC
5341	UMBIL HERNIA REPAIR-GRFT
5349	UMBIL HERNIA REPAIR NEC
5351	INCISIONAL HERNIA REPAIR
5359	ABD WALL HERN REPAIR NEC
5361	INCIS HERNIA REPAIR-GRFT
5369	ABD HERN REPAIR-GRFT NEC
537	ABD REPAIR-DIAPHR HERNIA
5380	THOR REP-DIAPH HERN NOS
5381	DIAPHRAGMATIC PLICATION
5382	PARASTERN HERNIA REPAIR
539	OTHER HERNIA REPAIR
540	ABDOMINAL WALL INCISION
5411	EXPLORATORY LAPAROTOMY
5412	REOPEN RECENT LAP SITE
5419	LAPAROTOMY NEC
5421	LAPAROSCOPY
5422	ABDOMINAL WALL BIOPSY
5423	PERITONEAL BIOPSY
5429	ABD REGION DX PROC NEC
543	DESTRUCT ABD WALL LESION
544	DESTRUCT PERITONEAL TISS
545	DESTRUCT PERITONEAL TISS
5451	LAP PERITON ADHESIOLYSIS
5459	OTH PERITON ADHESIOLYSIS
5461	RECLOSE POST OP DISRUPT
5462	DELAYED CLOS ABD WOUND
5463	ABD WALL SUTURE NEC
5464	PERITONEAL SUTURE
5471	REPAIR OF GASTROSCHISIS
5472	ABDOMEN WALL REPAIR NEC
5473	PERITONEAL REPAIR NEC
5474	OMENTAL REPAIR NEC
5475	MESENTERIC REPAIR NEC
5492	REMOVE FB FROM PERITON
5493	CREATE CUTANPERITON FIST
5494	CREAT PERITONEOVAS SHUNT
5495	PERITONEAL INCISION
5501	NEPHROTOMY
5502	NEPHROSTOMY
5503	PERCU NEPHROSTM W/O FRAG
5504	PERCU NEPHROSTMY W FRAG
5511	PYELOTOMY
5512	PYELOSTOMY

5524	OPEN RENAL BIOPSY
5529	RENAL DIAGNOST PROC NEC
5531	RENAL LES MARSUPIALIZAT
5532	OPN ABLTN RENAL LES/TISS OCT06-
5533	PERC ABLTN RENL LES/TISS OCT06-
5534	LAP ABLTN RENAL LES/TISS OCT06-
5535	ABLTN RENAL LES/TISS NEC OCT06-
5539	LOC DESTR RENAL LES NEC
554	PARTIAL NEPHRECTOMY
5551	NEPHROURETERECTOMY
5552	SOLITARY KIDNEY NEPHRECT
5553	REJECTED KIDNEY NEPHRECT
5554	BILATERAL NEPHRECTOMY
5561	RENAL AUTOTRANSPLANT
5569	KIDNEY TRANSPLANT NEC
557	NEPHROPEXY
5581	SUTURE KIDNEY LACERATION
5582	CLOSE NEPHROST & PYELOST
5583	CLOSE RENAL FISTULA NEC
5584	REDUCE RENAL PEDICL TORS
5585	SYMPHYSIOTOMY
5586	RENAL ANASTOMOSIS
5587	CORRECT URETEROPELV JUNC
5589	RENAL REPAIR NEC
5591	RENAL DECAPSULATION
5597	IMPLANT MECHANIC KIDNEY
5598	REMOV MECHANICAL KIDNEY
5599	RENAL OPERATION NEC
560	TU REMOV URETER OBSTRUCT
561	URETERAL MEATOTOMY
562	URETEROTOMY
5634	OPEN URETERAL BIOPSY
5639	URETERAL DX PROCEDUR NEC
5640	URETERECTOMY NOS
5641	PARTIAL URETERECTOMY
5642	TOTAL URETERECTOMY
5651	FORM CUTAN ILEOURETEROST
5652	REVIS CUTAN ILEOURETEROS
5661	FORM CUTAN URETEROSTOMY
5662	REVIS CUTAN URETEROS NEC
5671	URIN DIVERSION TO BOWEL
5672	REVIS URETEROENTEROSTOMY
5673	NEPHROCYSTANASTOMOSI NOS
5674	URETERONEOCYSTOSTOMY
5675	TRANSURETEROURETEROSTOMY
5679	URETERAL ANASTOMOSIS NEC
5681	INTRALUM URETE ADHESIOLY
5682	SUTURE URETERAL LACERAT
5683	URETEROSTOMY CLOSURE
5684	CLOSE URETER FISTULA NEC
5685	URETEROPEXY
5686	REMOVE URETERAL LIGATURE
5689	REPAIR OF URETER NEC
5692	IMPLANT URETERAL STIMUL
5693	REPLACE URETERAL STIMUL
5694	REMOVE URETERAL STIMULAT
5695	LIGATION OF URETER
5699	URETERAL OPERATION NEC
5712	CYSTOTOMY & ADHESIOLYSIS
5718	OTHER SUPRAPU CYSTOSTOMY
5719	CYSTOTOMY NEC
5721	VESICOSTOMY
5722	REVISE CLO VESICOSTOMY
5733	CLOS TRANSURETH BLADD BX
5734	OPEN BLADDER BIOPSY
5739	BLADDER DIAGNOS PROC NEC
5741	TU ADHESIOLYSIS BLADDER
5749	TU DESTRUC BLADD LES NEC
5751	EXCISION OF URACHUS
5759	BLADDER LES DESTRUCT NEC
576	PARTIAL CYSTECTOMY
5771	RADICAL CYSTECTOMY
5779	TOTAL CYSTECTOMY NEC
5781	SUTURE BLADDER LACERAT
5782	CYSTOSTOMY CLOSURE
5783	ENTEROVESICO FIST REPAIR
5784	VESIC FISTULA REPAIR NEC
5785	CYSTOURETHROPLASTY
5786	BLADDER EXSTROPHY REPAIR
5787	BLADDER RECONSTRUCTION
5788	BLADDER ANASTOMOSIS NEC
5789	BLADDER REPAIR NEC
5791	BLADDER SPHINCTEROTOMY
5793	CONTROL BLADD HEMORRHAGE
5796	IMPLANT BLADDER STIMULAT
5797	REPLACE BLADDER STIMULAT
5798	REMOVE BLADDER STIMULAT
5799	BLADDER OPERATION NEC
580	URETHROTOMY
581	URETHRAL MEATOTOMY
5841	SUTURE URETHRAL LACERAT
5842	URETHROSTOMY CLOSURE
5843	CLOSE URETH FISTULA NEC
5844	URETHRAL REANASTOMOSIS
5845	HYPO-EPISPADIUS REPAIR
5846	URETH RECONSTRUCTION NEC
5847	URETHRAL MEATOPLASTY
5849	URETHRAL REPAIR NEC
585	URETH STRICTURE RELEASE
5891	PERIURETHRAL INCISION
5892	PERIURETHRAL EXCISION
5893	IMPLT ARTF URIN SPHINCT
5899	URETH/PERIURETH OP NEC
5900	RETROPERIT DISSECT NOS
5901	RETROPERIT DISSECT NOS
5902	PERIREN ADHESIOLYS NEC
5903	LAP LYS PERIREN/URET ADH
5909	PERIREN/URETER INCIS NEC
5911	OTH LYS PERIVES ADHESIO
5912	LAP LYS PERIVESURETH ADH
5919	PERIVESICAL INCISION NEC
5921	PERIREN/URETERAL BIOPSY
5929	PERIREN/URET DX PROC NEC
593	URETHROVES JUNCT PLICAT
594	SUPRAPUBIC SLING OP
595	RETROPUBIC URETH SUSPENS
596	PARAURETHRAL SUSPENSION
5971	LEVATOR MUSC SUSPENSION
5979	URIN INCONTIN REPAIR NEC
5991	PERIREN/VESICLE EXCISION
5992	PERIREN/VESICLE OP NEC
600	INCISION OF PROSTATE
6012	OPEN PROSTATIC BIOPSY
6014	OPEN SEMINAL VESICLES BX
6015	PERIPROSTATIC BIOPSY
6018	PROSTATIC DX PROCED NEC
6019	SEMIN VES DX PROCED NEC
602	SEMIN VES DX PROCED NEC

6021	TRANSURETH PROSTATECTOMY
6029	OTH TRANSURETH PROSTATEC
603	SUPRAPUBIC PROSTATECTOMY
604	RETROPUBIC PROSTATECTOMY
605	RADICAL PROSTATECTOMY
6061	LOS EXCIS PROSTATIC LES
6062	PERINEAL PROSTATECTOMY
6069	PROSTATECTOMY NEC
6072	SEMINAL VESICLE INCISION
6073	SEMINAL VESICLE EXCISION
6079	SEMINAL VESICLE OP NEC
6081	PERIPROSTATIC INCISION
6082	PERIPROSTATIC EXCISION
6093	REPAIR OF PROSTATE
6094	CONTROL PROSTATE HEMORR
6095	TRANS BAL DIL PROS URETH
6096	TU DESTR PROSTATE BY MT
6097	OTH TU DESTR PROS - RT
6099	PROSTATIC OPERATION NEC
612	EXCISION OF HYDROCELE
6142	SCROTAL FISTULA REPAIR
6149	SCROTUM/TUNIC REPAIR NEC
6192	EXCISION TUNICA LES NEC
6199	SCROTUM & TUNICA OP NEC
620	INCISION OF TESTES
6212	OPEN TESTICULAR BIOPSY
6219	TESTES DX PROCEDURE NEC
622	TESTICULAR LES DESTRUCT
623	UNILATERAL ORCHIECTOMY
6241	REMOVE BOTH TESTES
6242	REMOVE SOLITARY TESTIS
625	ORCHIOPEXY
6261	SUTURE TESTICULAR LACER
6269	TESTICULAR REPAIR NEC
627	INSERT TESTICULAR PROSTH
6299	TESTICULAR OPERATION NEC
6309	SPERMAT CORD/VAS DX NEC
631	EXC SPERMATIC VARICOCELE
632	EXCISE EPIDIDYMIS CYST
633	EXCISE CORD/EPID LES NEC
634	EPIDIDYMECTOMY
6351	SUTURE CORD & EPID LACER
6353	TRANSPLANT SPERMAT CORD
6359	CORD & EPIDID REPAIR NEC
6381	SUTURE VAS & EPIDID LAC
6382	POSTOP VAS RECONSTRUCT
6383	EPIDIDYMOVASOSTOMY
6385	REMOV VAS DEFERENS VALVE
6389	VAS & EPIDIDY REPAIR NEC
6392	EPIDIDYMOTOMY
6393	SPERMATIC CORD INCISION
6394	SPERM CORD ADHESIOLYSIS
6395	INSERT VALVE IN VAS DEF
6399	CORD/EPID/VAS OPS NEC
640	CIRCUMCISION
6411	PENILE BIOPSY
642	LOCAL EXCIS PENILE LES
643	AMPUTATION OF PENIS
6441	SUTURE PENILE LACERATION
6442	RELEASE OF CHORDEE
6443	CONSTRUCTION OF PENIS
6444	RECONSTRUCTION OF PENIS
6445	REPLANTATION OF PENIS
6449	PENILE REPAIR NEC
645	SEX TRANSFORMAT OP NEC
6492	INCISION OF PENIS
6493	DIVISION OF PENILE ADHES
6495	INS NONINFL PENIS PROSTH
6496	REMOVE INT PENILE PROSTH
6497	INS INFLATE PENIS PROSTH
6498	PENILE OPERATION NEC
6499	MALE GENITAL OP NEC
650	MALE GENITAL OP NEC
6501	LAPAROSCOPIC OOPHOROTOMY
6509	OTHER OOPHOROTOMY
6511	OVARIAN ASPIRAT BIOPSY
6512	OVARIAN BIOPSY NEC
6513	LAP BIOPSY OF OVARY
6514	OTH LAP DX PROC OVARIES
6519	OVARIAN DX PROCEDURE NEC
6521	OVARIAN CYST MARSUPIALIZ
6522	OVARIAN WEDGE RESECTION
6523	LAP MARSUP OVARIAN CYST
6524	LAP WEDGE RESECT OVARY
6525	OTH LAP LOC EXC DEST OVA
6529	LOCAL DESTR OVA LES NEC
653	LOCAL DESTR OVA LES NEC
6531	LAP UNILAT OOPHORECTOMY
6539	OTH UNILAT OOPHORECTOMY
654	OTH UNILAT OOPHORECTOMY
6541	LAP UNI SALPINGO-OOPHOR
6549	OTH UNI SALPINGO-OOPHOR
6551	OTH REMOVE BOTH OVARIES
6552	OTH REMOVE REMAIN OVARY
6553	LAP REMOVE BOTH OVARIES
6554	LAP REMOVE REMAIN OVARY
6561	OTH REMOVE OVARIES/TUBES
6562	OTH REMOVE REM OVA/TUBE
6563	LAP REMOVE OVARIES/TUBES
6564	LAP REMOVE REM OVA/TUBE
6571	OTH SIMPLE SUTURE OVARY
6572	OTH REIMPLANT OF OVARY
6573	OTH SALPINGO-OOPHOROPLAS
6574	LAP SIMPLE SUTURE OVARY
6575	LAP REIMPLANT OF OVARY
6576	LAP SALPINGO-OOPHOROPLAS
6579	REPAIR OF OVARY NEC
658	REPAIR OF OVARY NEC
6581	LAP ADHESIOLYS OVA/TUBE
6589	ADHESIOLYSIS OVARY/TUBE
6591	ASPIRATION OF OVARY
6592	TRANSPLANTATION OF OVARY
6593	MANUAL RUPT OVARIAN CYST
6594	OVARIAN DENERVATION
6595	OVARIAN TORSION RELEASE
6599	OVARIAN OPERATION NEC
660	OVARIAN OPERATION NEC
6601	SALPINGOTOMY
6602	SALPINGOSTOMY
6611	FALLOPIAN TUBE BIOPSY
6619	FALLOP TUBE DX PROC NEC
6621	BILAT ENDOSC CRUSH TUBE
6622	BILAT ENDOSC DIVIS TUBE
6629	BILAT ENDOS OCC TUBE NEC
6631	BILAT TUBAL CRUSHING NEC
6632	BILAT TUBAL DIVISION NEC
6639	BILAT TUBAL DESTRUCT NEC
664	TOTAL UNILAT SALPINGECT

6651	REMOVE BOTH FALLOP TUBES
6652	REMOVE SOLITARY FAL TUBE
6661	DESTROY FALLOP TUBE LES
6662	REMOV TUBE & ECTOP PREG
6663	BILAT PART SALPINGEC NOS
6669	PARTIAL SALPINGECTOM NEC
6671	SIMPL SUTURE FALLOP TUBE
6672	SALPINGO-OOPHOROSTOMY
6673	SALPINGO-SALPINGOSTOMY
6674	SALPINGO-UTEROSTOMY
6679	FALLOP TUBE REPAIR NEC
6692	UNILAT FALLOP TUBE DESTR
6693	IMPL FALLOP TUBE PROSTH
6694	REMOV FALLOP TUBE PROSTH
6695	BLOW THERAPEUT INTO TUBE
6696	FALLOPIAN TUBE DILATION
6697	BURY FIMBRIAE IN UTERUS
6699	FALLOPIAN TUBE OP NEC
6711	ENDOCERVICAL BIOPSY
6712	CERVICAL BIOPSY NEC
6719	CERVICAL DX PROCEDUR NEC
672	CONIZATION OF CERVIX
6731	CERVICAL CYST MARSUPIAL
6732	CERVICAL LES CAUTERIZAT
6733	CERVICAL LES CRYOTHERAPY
6739	CERVICAL LES DESTRUC NEC
674	AMPUTATION OF CERVIX
675	AMPUTATION OF CERVIX
6751	TRANSAB CERCLAGE CERVIX
6759	OTH REP INT CERVICAL OS
6761	SUTURE CERVICAL LACERAT
6762	CERVICAL FISTULA REPAIR
6769	CERVICAL REPAIR NEC
680	HYSTEROTOMY
6813	OPEN UTERINE BIOPSY
6814	OPEN UTERINE LIGAMENT BX
6815	CLOS UTERINE LIGAMENT BX
6816	CLOSED UTERINE BIOPSY
6819	UTERUS/ADNEX DX PROC NEC
6821	ENDOMET SYNECHIAE DIVIS
6822	INCISION UTERINE SEPTUM
6823	ENDOMETRIAL ABLATION
6829	UTERINE LES DESTRUCT NEC
683	UTERINE LES DESTRUCT NEC
6831	LAP SCERVIC HYSTERECTOMY
6839	OTH SUBTOT ABD HYSTERECT OCT03-
684	TOTAL ABD HYSTERECTOMY
6841	LAP TOTAL ABDOMINAL HYST OCT06-
6849	TOTAL ABD HYST NEC/NOS OCT06-
685	VAGINAL HYSTERECTOMY
6851	LAP AST VAG HYSTERECTOMY
6859	VAG HYSTERECTOMY NEC/NOS
686	RADICAL ABD HYSTERECTOMY
6861	LAP RADICAL ABDOMNL HYST OCT06-
6869	RADICAL ABD HYST NEC/NOS OCT06-
687	RADICAL VAG HYSTERECTOMY
6871	LAP RADICAL VAGINAL HYST OCT06-
6879	RADICAL VAG HYST NEC/NOS OCT06-
688	PELVIC EVISCERATION
689	HYSTERECTOMY NEC/NOS
6901	D & C FOR PREG TERMINAT
6902	D & C POST DELIVERY
6909	D & C NEC
6911	D & C NEC
6919	DESTRUC UTER SUPPORT NEC
6921	INTERPOSIT OP UTERIN LIG
6922	UTERINE SUSPENSION NEC
6923	VAG REPAIR INVERS UTERUS
6929	UTERUS/ADNEXA REPAIR NEC
693	PARACERV UTERINE DENERV
6941	SUTURE UTERINE LACERAT
6942	CLOSURE UTERINE FISTULA
6949	UTERINE REPAIR NEC
6951	ASPIRAT CURET-PREG TERMI
6952	ASPIRAT CURET-POST DELIV
6995	INCISION OF CERVIX
6997	REMOVE PENETRAT CERV FB
6998	UTERINE SUPPORT OP NEC
6999	UTERINE OPERATION NEC
7012	CULDOTOMY
7013	INTRALUM VAG ADHESIOLYS
7014	VAGINOTOMY NEC
7023	CUL-DE-SAC BIOPSY
7024	VAGINAL BIOPSY
7029	VAGIN/CUL-DE-SAC DX NEC
7031	HYMENECTOMY
7032	EXCIS CUL-DE-SAC LESION
7033	EXCISION VAGINAL LESION
704	VAGINAL OBLITERATION
7050	CYSTOCEL/RECTOCEL REPAIR
7051	CYSTOCELE REPAIR
7052	RECTOCELE REPAIR
7061	VAGINAL CONSTRUCTION
7062	VAGINAL RECONSTRUCTION
7071	SUTURE VAGINA LACERATION
7072	REPAIR COLOVAGIN FISTULA
7073	REPAIR RECTOVAG FISTULA
7074	REP VAGINOENT FISTUL NEC
7075	REPAIR VAG FISTULA NEC
7076	HYMENORRHAPHY
7077	VAGINAL SUSPENS & FIXAT
7079	VAGINAL REPAIR NEC
708	VAGINAL VAULT OBLITERAT
7091	VAGINAL OPERATION NEC
7092	CUL-DE-SAC OPERATION NEC
7101	VULVAR ADHESIOLYSIS
7109	INCIS VULVA/PERINEUM NEC
7111	VULVAR BIOPSY
7119	VULVAR DIAGNOS PROC NEC
7122	INCISE BARTHOLIN"S GLAND
7123	BARTHOLIN GLAND MARSUP
7124	DESTRUC BARTHOLIN GLAND
7129	BARTHOLIN"S GLAND OP NEC
713	LOCAL VULVAR EXCIS NEC
714	OPERATIONS ON CLITORIS
715	RADICAL VULVECTOMY
7161	UNILATERAL VULVECTOMY
7162	BILATERAL VULVECTOMY
7171	SUTURE VULVAR LACERATION
7172	REPAIR VULVAR FISTULA
7179	VULVAR/PERIN REPAIR NEC
718	OTHER VULVAR OPERATIONS
719	OTHER FEMALE GENITAL OPS
7394	PUBIOTOMY TO ASSIST DEL
7399	OPS ASSISTING DELIV NEC
740	CLASSICAL C-SECTION
741	LOW CERVICAL C-SECTION
742	EXTRAPERITONEAL C-SECT

743	REM EXTRATUB ECTOP PREG
744	CESAREAN SECTION NEC
7491	HYSTEROTOMY TO TERMIN PG
7499	CESAREAN SECTION NOS
7536	CORRECTION FETAL DEFECT
7550	REPAIR OB LAC UTERUS NOS
7551	REPAIR OB LACERAT CERVIX
7552	REPAIR OB LAC CORP UTERI
7561	REPAIR OB LAC BLAD/URETH
7593	SURG CORR INVERT UTERUS
7599	OBSTETRIC OPERATION NEC
7601	FACIAL BONE SEQUESTRECT
7609	FACIAL BONE INCISION NEC
7611	FACIAL BONE BIOPSY
7619	FACIAL BONE DX PROC NEC
762	DESTRUCT FACIAL BONE LES
7631	PARTIAL MANDIBULECTOMY
7639	PART FACIAL OSTECTOM NEC
7641	TOT MANDIBULEC W RECONST
7642	TOTAL MANDIBULECTOMY NEC
7643	MANDIBULAR RECONST NEC
7644	TOT FACE OSTECT W RECONS
7645	TOT FACE BONE OSTECT NEC
7646	FACIAL BONE RECONSTR NEC
765	TEMPOROMAND ARTHROPLASTY
7661	CL OSTEOPLASTY MAND RAMI
7662	OPEN OSTEOPLAS MAND RAMI
7663	OSTEOPLASTY MANDIBLE BDY
7664	MAND ORTHOGNATHIC OP NEC
7665	SEG OSTEOPLASTY MAXILLA
7666	TOT OSTEOPLASTY MAXILLA
7667	REDUCTION GENIOPLASTY
7668	AUGMENTATION GENIOPLASTY
7669	FACIAL BONE REPAIR NEC
7670	REDUCTION FACIAL FX NOS
7672	OPN REDUCT MALAR/ZYGO FX
7674	OPEN REDUCT MAXILLARY FX
7676	OPEN REDUCT MANDIBLE FX
7677	OPEN REDUCT ALVEOLAR FX
7679	OPEN REDUCT FACE FX NEC
7691	BONE GRAFT TO FACE BONE
7692	SYN IMPLANT TO FACE BONE
7694	OPEN REDUCT TM DISLOCAT
7697	REMOVE INT FIX FACE BONE
7699	FACIAL BONE/JNT OP NEC
7700	SEQUESTRECTOMY NOS
7701	CHEST CAGE SEQUESTREC
7702	HUMERUS SEQUESTRECTOMY
7703	RADIUS & ULNA SEQUESTREC
7704	METACARP/CARP SEQUESTREC
7705	FEMORAL SEQUESTRECTOMY
7706	PATELLAR SEQUESTRECTOMY
7707	TIBIA/FIBULA SEQUESTREC
7708	METATAR/TAR SEQUESTREC
7709	SEQUESTRECTOMY NEC
7710	OTHER BONE INCISION NOS
7711	OTHER CHEST CAGE INCIS
7712	OTHER HUMERUS INCISION
7713	OTHER RADIUS/ULNA INCIS
7714	OTH METACARP/CARP INCIS
7715	OTHER FEMORAL INCISION
7716	OTHER PATELLAR INCISION
7717	OTHER TIBIA/FIBULA INCIS
7718	OTH METATARS/TARS INCIS
7719	BONE INCIS W/O DIV NEC
7720	WEDGE OSTEOTOMY NOS
7721	CHEST CAGE WEDG OSTEOTOM
7722	HUMERUS WEDGE OSTEOTOMY
7723	RADIUS/ULNA WEDG OSTEOTO
7724	METACAR/CAR WEDG OSTEOTO
7725	FEMORAL WEDGE OSTEOTOMY
7726	PATELLAR WEDGE OSTEOTOMY
7727	TIBIA/FIBUL WEDG OSTEOT
7728	METATAR/TAR WEDG OSTEOT
7729	WEDGE OSTEOTOMY NEC
7730	OTHER BONE DIVISION NOS
7731	CHEST CAGE BONE DIV NEC
7732	HUMERUS DIVISION NEC
7733	RADIUS/ULNA DIVISION NEC
7734	METACAR/CAR DIVISION NEC
7735	FEMORAL DIVISION NEC
7736	PATELLAR DIVISION NEC
7737	TIBIA/FIBULA DIV NEC
7738	METATAR/TAR DIVISION NEC
7739	BONE DIVISION NEC
7740	BONE BIOPSY NOS
7741	CHEST CAGE BONE BIOPSY
7742	HUMERUS BIOPSY
7743	RADIUS & ULNA BIOPSY
7744	METACARPAL/CARPAL BIOPSY
7745	FEMORAL BIOPSY
7746	PATELLAR BIOPSY
7747	TIBIA & FIBULA BIOPSY
7748	METATARSAL/TARSAL BIOPSY
7749	BONE BIOPSY NEC
7751	BUNIONECT/SFT/OSTEOTOMY
7752	BUNIONECT/SFT/ARTHRODES
7753	OTH BUNIONECT W SFT CORR
7754	EXC CORRECT BUNIONETTE
7756	REPAIR OF HAMMER TOE
7757	REPAIR OF CLAW TOE
7758	OTH EXC, FUS, REPAIR TOE
7759	BUNIONECTOMY NEC
7760	LOC EXC BONE LESION NOS
7761	EXC CHEST CAGE BONE LES
7762	LOC EXC BONE LES HUMERUS
7763	LOC EXC LES RADIUS/ULNA
7764	LOC EXC LES METACAR/CAR
7765	LOC EXC BONE LES FEMUR
7766	LOC EXC BONE LES PATELLA
7767	LOC EXC LES TIBIA/FIBULA
7768	LOC EXC LES METATAR/TAR
7769	LOC EXC BONE LESION NEC
7770	EXCISE BONE FOR GRFT NOS
7771	EX CHEST CAGE BONE-GFT
7772	EXCISE HUMERUS FOR GRAFT
7773	EXCIS RADIUS/ULNA-GRAFT
7774	EXCIS METACAR/CAR-GRAFT
7775	EXCISE FEMUR FOR GRAFT
7776	EXCISE PATELLA FOR GRAFT
7777	EXCISE TIB/FIB FOR GRAFT
7778	EXCIS METATAR/TAR-GRAFT
7779	EXCISE BONE FOR GFT NEC
7780	OTH PART OSTECTOMY NOS
7781	OTH CHEST CAGE OSTECTOMY
7782	PARTIAL HUMERECTOMY NEC
7783	PART OSTECT-RADIUS/ULNA
7784	PART OSTECT-METACAR/CAR

7785 PART OSTECTOMY-FEMUR
7786 PARTIAL PATELLECTOMY
7787 PART OSTECT-TIBIA/FIBULA
7788 PART OSTECT-METATAR/TAR
7789 PARTIAL OSTECTOMY NEC
7790 TOTAL OSTECTOMY NOS
7791 TOT CHEST CAGE OSTECTOMY
7792 TOTAL OSTECTOMY-HUMERUS
7793 TOT OSTECT-RADIUS/ULNA
7794 TOT OSTECT-METACARP/CARP
7795 TOT OSTECTOMY-FEMUR
7796 TOTAL PATELLECTOMY
7797 TOT OSTECT-TIBIA/FIBULA
7798 TOT OSTECT-METATARS/TARS
7799 TOTAL OSTECTOMY NEC
7800 BONE GRAFT NOS
7801 BONE GRAFT TO CHEST CAGE
7802 BONE GRAFT TO HUMERUS
7803 BONE GRAFT-RADIUS/ULNA
7804 BONE GRFT TO METACAR/CAR
7805 BONE GRAFT TO FEMUR
7806 BONE GRAFT TO PATELLA
7807 BONE GRAFT-TIBIA/FIBULA
7808 BONE GRAFT-METATAR/TAR
7809 BONE GRAFT NEC
7810 APPLIC EXT FIX DEV NOS
7811 APPL EXT FIX-CHEST CAGE
7812 APPLIC EXT FIX-HUMERUS
7813 APPL EXT FIX-RADIUS/ULNA
7814 APPL EXT FIX-METACAR/CAR
7815 APPLIC EXT FIX DEV-FEMUR
7816 APPL EXT FIX DEV-PATELLA
7817 APPL EXT FIX-TIB/FIBULA
7818 APPL EXT FIX-METATAR/TAR
7819 APPLIC EXT FIX DEV NEC
7820 LIMB SHORTEN PROC NOS
7822 LIMB SHORT PROC-HUMERUS
7823 LIMB SHORTEN-RADIUS/ULNA
7824 LIMB SHORTEN-METACAR/CAR
7825 LIMB SHORT PROC-FEMUR
7827 LIMB SHORTEN-TIB/FIBULA
7828 LIMB SHORTEN-METATAR/TAR
7829 LIMB SHORTEN PROC NEC
7830 LIMB LENGTHEN PROC NOS
7831 LIMB LENGTHEN PROC NOS
7832 LIMB LENGTH PROC-HUMERUS
7833 LIMB LENGTH-RADIUS/ULNA
7834 LIMB LENGTH-METACAR/CAR
7835 LIMB LENGTH PROC-FEMUR
7837 LIMB LENGTHEN-TIB/FIBULA
7838 LIMB LENGTHN-METATAR/TAR
7839 LIMB LENGTHEN PROC NEC
7840 OTH BONE REPAIR/PLAST OP
7841 OTH CHEST CAGE REP/PLAST
7842 OTH HUMERUS REPAIR/PLAST
7843 OTH RAD/ULN REPAIR/PLAST
7844 OTH METAC/CARP REP/PLAST
7845 OTH FEMUR REPAIR/PLASTIC
7846 OTH PATELLA REPAIR/PLAST
7847 OTH TIB/FIB REPAIR/PLAST
7848 OTH META/TAR REPA/PLAST
7849 OTH BONE REPA/PLAST NEC
7850 INT FIX W/O FX REDUC NOS
7851 INT FIXATION-CHEST CAGE
7852 INT FIXATION-HUMERUS
7853 INT FIXATION-RADIUS/ULNA
7854 INT FIXATION-METACAR/CAR
7855 INTERNAL FIXATION-FEMUR
7856 INTERNAL FIX-PATELLA
7857 INT FIXATION-TIBIA/FIBUL
7858 INT FIXATION-METATAR/TAR
7859 INT FIX-NO FX REDUCT NEC
7860 REMOVE IMP DEVICE NOS
7861 REMOV IMP DEV-CHEST CAGE
7862 REMOVE IMPL DEV-HUMERUS
7863 REMOV IMP DEV-RADIUS/ULN
7864 REMOV IMP DEV-METAC/CARP
7865 REMOVE IMP DEVICE-FEMUR
7866 REMOV IMP DEVICE-PATELLA
7867 REMOV IMP DEV-TIB/FIBULA
7868 REMOVE IMP DEV-METAT/TAR
7869 REMOVE IMPL DEVICE NEC
7870 OSTEOCLASIS NOS
7871 OSTEOCLASIS-CHEST CAGE
7872 OSTEOCLASIS-HUMERUS
7873 OSTEOCLASIS-RADIUS/ULNA
7874 OSTEOCLASIS-METACAR/CAR
7875 OSTEOCLASIS-FEMUR
7876 OSTEOCLASIS-PATELLA
7877 OSTEOCLASIS-TIBIA/FIBULA
7878 OSTEOCLASIS-METATAR/TAR
7879 OSTEOCLASIS NEC
7880 OTHER BONE DX PROC NOS
7881 OTH DX PROCED-CHEST CAGE
7882 OTH DX PROCED-HUMERUS
7883 OTH DX PROC-RADIUS/ULNA
7884 OTH DX PROC-METACAR/CAR
7885 OTH DX PROCED-FEMUR
7886 OTH DX PROCED-PATELLA
7887 OTH DX PROC-TIBIA/FIBULA
7888 OTH DX PROC-METATAR/TAR
7889 OTHER BONE DX PROC NEC
7890 INSERT BONE STIMUL NOS
7891 INSERT BONE STIMUL-CHEST
7892 INSERT BONE STIM-HUMERUS
7893 INSER BONE STIM-RAD/ULNA
7894 INSER BONE STIM-META/CAR
7895 INSERT BONE STIM-FEMUR
7896 INSERT BONE STIM-PATELLA
7897 INSER BONE STIM-TIB/FIB
7898 INSER BONE STIM-META/TAR
7899 INSERT BONE STIMUL NEC
7910 CL FX REDUC-INT FIX NOS
7911 CLOS RED-INT FIX HUMERUS
7912 CL RED-INT FIX RAD/ULNA
7913 CL RED-INT FIX METAC/CAR
7914 CLOSE RED-INT FIX FINGER
7915 CLOSED RED-INT FIX FEMUR
7916 CL RED-INT FIX TIB/FIBU
7917 CL RED-INT FIX METAT/TAR
7918 CLOSE RED-INT FIX TOE FX
7919 CL FX REDUC-INT FIX NEC
7920 OPEN FX REDUCTION NOS
7921 OPEN REDUC-HUMERUS FX
7922 OPEN REDUC-RADIUS/ULN FX
7923 OPEN REDUC-METAC/CAR FX
7924 OPEN REDUCTION-FINGER FX
7925 OPEN REDUCTION-FEMUR FX

7926	OPEN REDUC-TIBIA/FIB FX
7927	OPEN REDUC-METAT/TARS FX
7928	OPEN REDUCTION-TOE FX
7929	OPEN FX REDUCTION NEC
7930	OPN FX RED W INT FIX NOS
7931	OPEN RED-INT FIX HUMERUS
7932	OP RED-INT FIX RAD/ULNA
7933	OP RED-INT FIX METAC/CAR
7934	OPEN RED-INT FIX FINGER
7935	OPEN REDUC-INT FIX FEMUR
7936	OP RED-INT FIX TIB/FIBUL
7937	OP RED-INT FIX METAT/TAR
7938	OPEN REDUCT-INT FIX TOE
7939	OPN FX RED W INT FIX NEC
7940	CLS REDUC-SEP EPIPHY NOS
7941	CLOSE RED-HUMERUS EPIPHY
7942	CLS RED-RADIUS/UL EPIPHY
7945	CLOSE REDUC-FEMUR EPIPHY
7946	CLS RED-TIBIA/FIB EPIPHY
7949	CLS REDUC-SEP EPIPHY NEC
7950	OPEN RED-SEP EPIPHY NOS
7951	OPN RED-SEP EPIPHY-HUMER
7952	OP RED-RADIUS/ULN EPIPHY
7955	OPN RED-SEP EPIPHY-FEMUR
7956	OP RED-TIBIA/FIB EPIPHYS
7959	OPEN RED-SEP EPIPHY NEC
7960	OPEN FX SITE DEBRIDE NOS
7961	DEBRID OPEN FX-HUMERUS
7962	DEBRID OPN FX-RADIUS/ULN
7963	DEBRID OPN FX-METAC/CAR
7964	DEBRID OPN FX-FINGER
7965	DEBRID OPN FX-FEMUR
7966	DEBRID OPN FX-TIBIA/FIB
7967	DEBRID OPN FX-METAT/TAR
7968	DEBRID OPN FX-TOE
7969	OPEN FX SITE DEBRIDE NEC
7980	OPEN REDUC-DISLOCAT NOS
7981	OPN REDUC DISLOC-SHOULDR
7982	OPEN REDUC-ELBOW DISLOC
7983	OPEN REDUC-WRIST DISLOC
7984	OPN REDUC DISLOC-HAND
7985	OPEN REDUC-HIP DISLOCAT
7986	OPEN REDUC-KNEE DISLOCAT
7987	OPEN REDUC-ANKLE DISLOC
7988	OPN REDUC DISLOC-FT/TOE
7989	OPEN REDUC-DISLOCAT NEC
7990	UNSPEC OP BONE INJ NOS
7991	HUMERUS INJURY OP NOS
7992	RADIUS/ULNA INJ OP NOS
7993	METACARP/CARP INJ OP NOS
7994	FINGER INJURY OP NOS
7995	FEMUR INJURY OP NOS
7996	TIBIA/FIBULA INJ OP NOS
7997	METATARS/TARS INJ OP NOS
7998	TOE INJURY OPERATION NOS
7999	UNSPEC OP-BONE INJ NEC
8000	ARTHROT & PROS REMOV NOS
8001	ARTHROT/PROS REMOV-SHLDR
8002	ARTHROT/PROS REMOV-ELBOW
8003	ARTHROT/PROS REMOV-WRIST
8004	ARTHROT/PROS REMOV-HAND
8005	ARTHROT/PROS REMOV-HIP
8006	ARTHROT/PROS REMOV-KNEE
8007	ARTHROT/PROS REMOV-ANKLE
8008	ARTHROT/PROS REMOV-FOOT
8009	ARTHROT & PROS REMOV NEC
8010	OTHER ARTHROTOMY NOS
8011	OTH ARTHROTOMY-SHOULDER
8012	OTH ARTHROTOMY-ELBOW
8013	OTH ARTHROTOMY-WRIST
8014	OTH ARTHROTOMY-HAND/FNGR
8015	OTH ARTHROTOMY-HIP
8016	OTH ARTHROTOMY-KNEE
8017	OTH ARTHROTOMY-ANKLE
8018	OTH ARTHROTOMY-FOOT/TOE
8019	OTHER ARTHROTOMY NEC
8020	ARTHROSCOPY NOS
8021	SHOULDER ARTHROSCOPY
8022	ELBOW ARTHROSCOPY
8023	WRIST ARTHROSCOPY
8024	HAND & FINGER ARTHROSCOP
8025	HIP ARTHROSCOPY
8026	KNEE ARTHROSCOPY
8027	ANKLE ARTHROSCOPY
8028	FOOT & TOE ARTHROSCOPY
8029	ARTHROSCOPY NEC
8040	JT STRUCTUR DIVISION NOS
8041	SHOULDER STRUCT DIVISION
8042	ELBOW STRUCTURE DIVISION
8043	WRIST STRUCTURE DIVISION
8044	HAND JOINT STRUCT DIVIS
8045	HIP STRUCTURE DIVISION
8046	KNEE STRUCTURE DIVISION
8047	ANKLE STRUCTURE DIVISION
8048	FOOT JOINT STRUCT DIVIS
8049	JT STRUCTUR DIVISION NEC
805	JT STRUCTUR DIVISION NEC
8050	EXC/DEST INTVRT DISC NOS
8051	EXCISION INTERVERT DISC
8059	OTH EXC/DEST INTVRT DISC
806	EXCIS KNEE SEMILUN CARTL
8070	SYNOVECTOMY-SITE NOS
8071	SHOULDER SYNOVECTOMY
8072	ELBOW SYNOVECTOMY
8073	WRIST SYNOVECTOMY
8074	HAND SYNOVECTOMY
8075	HIP SYNOVECTOMY
8076	KNEE SYNOVECTOMY
8077	ANKLE SYNOVECTOMY
8078	FOOT SYNOVECTOMY
8079	SYNOVECTOMY-SITE NEC
8080	DESTRUCT JOINT LES NOS
8081	DESTRUC-SHOULDER LES NEC
8082	DESTRUC-ELBOW LESION NEC
8083	DESTRUC-WRIST LESION NEC
8084	DESTRUC-HAND JT LES NEC
8085	DESTRUCT-HIP LESION NEC
8086	DESTRUCT-KNEE LESION NEC
8087	DESTRUC-ANKLE LESION NEC
8088	DESTRUC-FOOT JT LES NEC
8089	DESTRUCT JOINT LES NEC
8090	EXCISION OF JOINT NOS
8091	EXCISION OF SHOULDER NEC
8092	EXCISION OF ELBOW NEC
8093	EXCISION OF WRIST NEC
8094	EXCISION HAND JOINT NEC
8095	EXCISION OF HIP NEC
8096	EXCISION OF KNEE NEC

8097 EXCISION OF ANKLE NEC
8098 EXCISION FOOT JOINT NEC
8099 EXCISION OF JOINT NEC
8100 SPINAL FUSION NOS
8101 ATLAS-AXIS FUSION
8102 OTHER CERVICAL FUS ANT
8103 OTHER CERVICAL FUS POST
8104 DORSAL/DORSOLUM FUS ANT
8105 DORSAL/DORSOLUM FUS POST
8106 LUMBAR/LUMBOSAC FUS ANT
8107 LUMBAR/LUMBOSAC FUS LAT
8108 LUMBAR/LUMBOSAC FUS POST
8109 LUMBAR/LUMBOSAC FUS POST
8111 ANKLE FUSION
8112 TRIPLE ARTHRODESIS
8113 SUBTALAR FUSION
8114 MIDTARSAL FUSION
8115 TARSOMETATARSAL FUSION
8116 METATARSOPHALANGEAL FUS
8117 OTHER FUSION OF FOOT
8118 OTHER FUSION OF FOOT
8120 ARTHRODESIS NOS
8121 ARTHRODESIS OF HIP
8122 ARTHRODESIS OF KNEE
8123 ARTHRODESIS OF SHOULDER
8124 ARTHRODESIS OF ELBOW
8125 CARPORADIAL FUSION
8126 METACARPOCARPAL FUSION
8127 METACARPOPHALANGEAL FUS
8128 INTERPHALANGEAL FUSION
8129 ARTHRODESIS NEC
8130 SPINAL REFUSION NOS
8131 REFUSION OF ATLAS-AXIS
8132 REFUSION OF OTH CERV ANT
8133 REFUS OF OTH CERV POST
8134 REFUSION OF DORSAL ANT
8135 REFUSION OF DORSAL POST
8136 REFUSION OF LUMBAR ANT
8137 REFUSION OF LUMBAR LAT
8138 REFUSION OF LUMBAR POST
8139 REFUSION OF SPINE NEC
8140 REPAIR OF HIP, NEC
8141 REPAIR OF HIP, NEC
8142 FIVE-IN-ONE KNEE REPAIR
8143 TRIAD KNEE REPAIR
8144 PATELLAR STABILIZATION
8145 CRUCIATE LIG REPAIR NEC
8146 COLLATERL LIG REPAIR NEC
8147 OTHER REPAIR OF KNEE
8148 OTHER REPAIR OF KNEE
8149 OTHER REPAIR OF ANKLE
8151 TOTAL HIP REPLACEMENT
8152 PARTIAL HIP REPLACEMENT
8153 REVISE HIP REPLACEMENT
8154 TOTAL KNEE REPLACEMENT
8155 REVISE KNEE REPLACEMENT
8156 TOTAL ANKLE REPLACEMENT
8157 REPL JOINT OF FOOT, TOE
8159 REV JT REPL LOW EXT NEC
8161 360 SPINAL FUSION
8162 FUS/REFUS 2-3 VERTEBRAE
8163 FUS/REFUS 4-8 VERTEBRAE
8164 FUS/REFUS 9 VERTEBRAE
8165 VERTEBROPLASTY (OCT 04)
8166 KYPHOPLASTY (OCT 04)
8169 OTH HIP REPAIR JAN80--SEP89 OCT05-
8171 ARTHROPLAS METACARP WIT
8172 ARTHROPLASTY METACAR W/O
8173 TOTAL WRIST REPLACEMENT
8174 ARTHROPLASTY CARPAL WIT
8175 ARTHROPLASTY CARPAL W/O
8179 OTH REPAIR HAN/FIN/WRIS
8180 TOTAL SHOULDER REPLACE
8181 PARTIAL SHOULDER REPLACE
8182 REP RECUR SHLDER DISLOC
8183 SHOULDER ARTHROPLAST NEC
8184 TOTAL ELBOW REPLACEMENT
8185 ELBOW ARTHROPLASTY NEC
8186 ELBOW ARTHROPLASTY NEC
8187 ELBOW ARTHROPLASTY NEC
8193 SUTUR CAPSUL/LIGAMEN ARM
8194 SUTURE CAPSUL/LIG ANK/FT
8195 SUTUR CAPSUL/LIG LEG NEC
8196 OTHER REPAIR OF JOINT
8197 REV JT REPL UPPER EXTREM
8198 OTHER JOINT DX PROCEDURE
8199 JOINT STRUCTURE OP NEC
8201 EXPLOR TEND SHEATH-HAND
8202 MYOTOMY OF HAND
8203 BURSOTOMY OF HAND
8209 INC SOFT TISSUE HAND NEC
8211 TENOTOMY OF HAND
8212 FASCIOTOMY OF HAND
8219 DIV SOFT TISSUE HAND NEC
8221 EXC LES TEND SHEATH HAND
8222 EXCISION HAND MUSCLE LES
8229 EXC LES SFT TISS HND NEC
8231 BURSECTOMY OF HAND
8232 EXCIS HAND TEND FOR GRFT
8233 HAND TENONECTOMY NEC
8234 EXC HND MUS/FAS FOR GRFT
8235 HAND FASCIECTOMY NEC
8236 OTHER MYECTOMY OF HAND
8239 HAND SOFT TISSUE EXC NEC
8241 SUTURE TENDN SHEATH HAND
8242 DELAY SUT FLEX TEND HAND
8243 DELAY SUT HAND TEND NEC
8244 SUTUR FLEX TEND HAND NEC
8245 SUTURE HAND TENDON NEC
8246 SUTURE HAND MUSCLE/FASC
8251 HAND TENDON ADVANCEMENT
8252 HAND TENDON RECESSION
8253 HAND TENDON REATTACHMENT
8254 HAND MUSCLE REATTACHMENT
8255 CHNG HND MUS/TEN LNG NEC
8256 TRANSPLANT HAND TEND NEC
8257 TRANSPOSIT HAND TEND NEC
8258 TRANSPLANT HAND MUSC NEC
8259 TRANSPOSIT HAND MUSC NEC
8261 POLLICIZATION OPERATION
8269 THUMB RECONSTRUCTION NEC
8271 HAND TEND PULLEY RECONST
8272 PLAST OP HND-MUS/FAS GRF
8279 PLAST OP HAND W GRFT NEC
8281 TRANSFER OF FINGER
8282 REPAIR OF CLEFT HAND
8283 REPAIR OF MACRODACTYLY
8284 REPAIR OF MALLET FINGER

8285	OTHER TENODESIS OF HAND
8286	OTHER TENOPLASTY OF HAND
8289	HAND PLASTIC OP NEC
8291	LYSIS OF HAND ADHESIONS
8299	HAND MUS/TEN/FAS/OPS NEC
8301	TENDON SHEATH EXPLORAT
8302	MYOTOMY
8303	BURSOTOMY
8309	SOFT TISSUE INCISION NEC
8311	ACHILLOTENOTOMY
8312	ADDUCTOR TENOTOMY OF HIP
8313	OTHER TENOTOMY
8314	FASCIOTOMY
8319	SOFT TISSUE DIVISION NEC
8321	SOFT TISSUE BIOPSY
8329	SOFT TISSUE DX PROC NEC
8331	EXCIS LES TENDON SHEATH
8332	EXCIS LESION OF MUSCLE
8339	EXC LES SOFT TISSUE NEC
8341	TENDON EXCISION FOR GRFT
8342	OTHER TENONECTOMY
8343	MUSC/FASC EXCIS FOR GRFT
8344	OTHER FASCIECTOMY
8345	OTHER MYECTOMY
8349	OTHER SOFT TISSUE EXCIS
835	BURSECTOMY
8361	TENDON SHEATH SUTURE
8362	DELAYED TENDON SUTURE
8363	ROTATOR CUFF REPAIR
8364	OTHER SUTURE OF TENDON
8365	OTHER MUSCLE/FASC SUTURE
8371	TENDON ADVANCEMENT
8372	TENDON RECESSION
8373	TENDON REATTACHMENT
8374	MUSCLE REATTACHMENT
8375	TENDON TRNSFR/TRANSPLANT
8376	OTHER TENDON TRANSPOSIT
8377	MUSCLE TRNSFR/TRANSPLANT
8379	OTHER MUSCLE TRANSPOSIT
8381	TENDON GRAFT
8382	MUSCLE OR FASCIA GRAFT
8383	TENDON PULLEY RECONSTRUC
8384	CLUBFOOT RELEASE NEC
8385	MUSC/TEND LNG CHANGE NEC
8386	QUADRICEPSPLASTY
8387	OTHER PLASTIC OPS MUSCLE
8388	OTHER PLASTIC OPS TENDON
8389	OTHER PLASTIC OPS FASCIA
8391	ADHESIOLYSIS MUS/TEN/FAS
8392	INSERT SKEL MUSC STIMULA
8393	REMOV SKEL MUSC STIMULAT
8399	MUS/TEN/FAS/BUR OP NEC
8400	UPPER LIMB AMPUTAT NOS
8401	FINGER AMPUTATION
8402	THUMB AMPUTATION
8403	AMPUTATION THROUGH HAND
8404	DISARTICULATION OF WRIST
8405	AMPUTATION THRU FOREARM
8406	DISARTICULATION OF ELBOW
8407	AMPUTATION THRU HUMERUS
8408	SHOULDER DISARTICULATION
8409	FOREQUARTER AMPUTATION
8410	LOWER LIMB AMPUTAT NOS
8411	TOE AMPUTATION
8412	AMPUTATION THROUGH FOOT
8413	DISARTICULATION OF ANKLE
8414	AMPUTAT THROUGH MALLEOLI
8415	BELOW KNEE AMPUTAT NEC
8416	DISARTICULATION OF KNEE
8417	ABOVE KNEE AMPUTATION
8418	DISARTICULATION OF HIP
8419	HINDQUARTER AMPUTATION
8421	THUMB REATTACHMENT
8422	FINGER REATTACHMENT
8423	FOREARM/WRIST/HAND REATT
8424	UPPER ARM REATTACHMENT
8425	TOE REATTACHMENT
8426	FOOT REATTACHMENT
8427	LOWER LEG/ANKLE REATTACH
8428	THIGH REATTACHMENT
8429	REATTACHMENT NEC
843	AMPUTATION STUMP REVIS
8440	IMPLNT/FIT PROS LIMB NOS
8444	IMPLANT ARM PROSTHESIS
8448	IMPLANT LEG PROSTHESIS
8458	IMP INTRSPINE DECOMP DEV OCT05-
8459	INSERT OTH SPIN DEVICE
8460	INSERT DISC PROS NOS (OCT 04)
8461	INS PART DISC PROS CERV (OCT 04)
8462	INS TOT DISC PROST CERV (OCT 04)
8463	INS SPIN DISC PROS THOR (OCT 04)
8464	INS PART DISC PROS LUMB (OCT 04)
8465	INS TOTL DISC PROS LUMB (OCT 04)
8466	REVISE DISC PROST CERV (OCT 04)
8467	REVISE DISC PROST THORA (OCT 04)
8468	REVISE DISC PROSTH LUMB (OCT 04)
8469	REVISE DISC PROSTH NOS (OCT 04)
8472	APP EXT FIX DEV-RING SYS OCT05-
8473	APP HYBRID EXT FIX DEV OCT05-
8491	AMPUTATION NOS
8492	SEPARAT EQUAL JOIN TWIN
8493	SEPARAT UNEQUL JOIN TWIN
8499	MUSCULOSKELETAL OP NEC
8512	OPEN BREAST BIOPSY
8520	BREAST TISSU DESTRUC NOS
8521	LOCAL EXCIS BREAST LES
8522	QUADRANT RESECT BREAST
8523	SUBTOTAL MASTECTOMY
8524	EXC ECTOPIC BREAST TISSU
8525	EXCISION OF NIPPLE
8531	UNILAT REDUCT MAMMOPLAST
8532	BILAT REDUCT MAMMOPLASTY
8533	UNIL SUBQ MAMMECT-IMPLNT
8534	UNILAT SUBQ MAMMECT NEC
8535	BIL SUBQ MAMMECT-IMPLANT
8536	BILAT SUBQ MAMMECTOM NEC
8541	UNILAT SIMPLE MASTECTOMY
8542	BILAT SIMPLE MASTECTOMY
8543	UNILAT EXTEN SIMP MASTEC
8544	BILAT EXTEND SIMP MASTEC
8545	UNILAT RADICAL MASTECTOM
8546	BILAT RADICAL MASTECTOMY
8547	UNIL EXT RAD MASTECTOMY
8548	BIL EXTEN RAD MASTECTOMY
8550	AUGMENT MAMMOPLASTY NOS
8553	UNILAT BREAST IMPLANT
8554	BILATERAL BREAST IMPLANT
856	MASTOPEXY

857	TOTAL BREAST RECONSTRUCT
8582	BREAST SPLIT-THICK GRAFT
8583	BREAST FULL-THICK GRAFT
8584	BREAST PEDICLE GRAFT
8585	BREAST MUSCLE FLAP GRAFT
8586	TRANSPOSITION OF NIPPLE
8587	NIPPLE REPAIR NEC
8589	MAMMOPLASTY NEC
8593	BREAST IMPLANT REVISION
8594	BREAST IMPLANT REMOVAL
8595	INSER BREAST TISSU EXPAN
8596	REMOV BREAST TISSU EXPAN
8599	BREAST OPERATION NEC
8606	INSERT INFUSION PUMP
8621	EXCISION OF PILONID CYST
8622	EXC WOUND DEBRIDEMENT
8625	DERMABRASION
864	RADICAL EXCIS SKIN LES
8660	FREE SKIN GRAFT NOS
8661	FULL-THICK HAND SKIN GRF
8662	HAND SKIN GRAFT NEC
8663	FULL-THICK SKIN GRFT NEC
8665	HETEROGRAFT TO SKIN
8666	HOMOGRAFT TO SKIN
8667	DERMAL REGENER GRAFT
8669	FREE SKIN GRAFT NEC
8670	PEDICLE GRAFT/FLAP NOS
8671	CUT & PREP PEDICLE GRAFT
8672	PEDICLE GRAFT ADVANCEMEN
8673	ATTACH PEDICLE TO HAND
8674	ATTACH PEDICLE GRAFT NEC
8675	REVISION OF PEDICLE GRFT
8681	REPAIR FACIAL WEAKNESS
8682	FACIAL RHYTIDECTOMY
8683	SIZE REDUCT PLASTIC OP
8684	RELAXATION OF SCAR
8685	SYNDACTYLY CORRECTION
8686	ONYCHOPLASTY
8689	SKIN REPAIR & PLASTY NEC
8691	SKIN EXCISION FOR GRAFT
8693	INSERT TISSUE EXPANDER
8694	INS/REPL SINGLE PUL GEN (OCT 04)
8695	INS/REPL DUAL PULSE GEN (OCT 04)
8696	INSERT/REPL OTH NEUROST (OCT 04)
8697	INS/REP 1 PUL GEN OCT05-
8698	INS/REP 2 PUL GEN OCT05-
8753	INTRAOPER CHOLANGIOGRAM
9504	ANESTHETIZED EYE EXAM

Appendix B: Surgical Discharge DRGs

These codes are used by the following PSIs:

PSI	How Used
Complications of Anesthesia (PSI 1) - Page 3	Denominator inclusion - Page 3
Decubitus Ulcer (PSI 3) - Page 7	Denominator inclusion - Page 8
Foreign Body Left during Procedure, Secondary Diagnosis Field (PSI 5 and 21) - Page 17	Denominator inclusion - Page 17
Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22) - Page 18	Denominator inclusion - Page 18
Selected Infections Due to Medical Care, Secondary Diagnosis Field (PSI 7 and 23) - Page 23	Denominator inclusion - Page 23
Postoperative Hip Fracture (PSI 8) - Page 24	Denominator inclusion - Page 24
Postoperative Hemorrhage or Hematoma (PSI 9 and 27) - Page 28	Denominator inclusion - Page 29
Postoperative Physiologic and Metabolic Derangement (PSI 10)- Page 29	Denominator inclusion - Page 30
Postoperative Respiratory Failure (PSI 11)- Page 31	Denominator inclusion - Page 32
Postoperative Pulmonary Embolism or Deep Vein Thrombosis (PSI 12) - Page 33	Denominator inclusion - Page 33
Postoperative Sepsis (PSI 13) - Page 33	Denominator inclusion - Page 33
Accidental Puncture or Laceration, Secondary Diagnosis Field (PSI 15 and 25) - Page 41	Denominator inclusion - Page 41
Transfusion Reaction, Secondary Diagnosis Field (PSI 16 and 26) - Page 41	Denominator inclusion - Page 42

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the surgical discharge DRGs are referenced within the PSI detailed definition.

001 CRANIOTOMY, AGE > 17 W/ CC
002 CRANIOTOMY AGE > 17 W/O CC
003 CRANIOTOMY, AGE 0-17
004* SPINAL PROCEDURES
005* EXTRACRANIAL VASCULAR PROCEDURES
006 CARPAL TUNNEL RELEASE
007 PERIPHERAL AND CRANIAL NERVE AND OTHER NERVOUS SYSTEM PROCEDURES W/ CC
008 PERIPHERAL AND CRANIAL NERVE AND OTHER NERVOUS SYSTEM PROCEDURES W/O CC
036 RETINAL PROCEDURES
037 ORBITAL PROCEDURES
038 PRIMARY IRIS PROCEDURES
039 LENS PROCEDURES W/ OR W/O VITRECTOMY
040 EXTRAOCULAR PROCEDURES EXCEPT ORBIT, AGE GREATER THAN 17
041 EXTRAOCULAR PROCEDURES EXCEPT ORBIT, AGE 0-17
042 INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS AND LENS
049 MAJOR HEAD AND NECK PROCEDURES
050 SIALOADENECTOMY
051 SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOMY
052 CLEFT LIP AND PALATE REPAIR
053 SINUS AND MASTOID PROCEDURES, AGE GREATER THAN 17
054 SINUS AND MASTOID PROCEDURES, AGE 0-17
055 MISCELLANEOUS EAR, NOSE, MOUTH AND THROAT PROCEDURES
056 RHINOPLASTY
057 TONSILLECTOMY AND ADENOIDECTOMY PROCEDURES EXCEPT TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY, AGE GREATER THAN 17
058 TONSILLECTOMY AND ADNOIDECTOMY PROCEDURES EXCEPT TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY, AGE 0-17
059 TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY, AGE GREATER THAN 17
060 TONSILLECTOMY AND/OR ADENOIDECTOMY ONLY, AGE 0 – 17
061 MYRINGOTOMY W/ TUBE INSERTION, AGE GREATER THAN 17

062 MYRINGOTOMY W/ TUBE INSERTION, AGE 0-17
063 OTHER EAR, NOSE, MOUTH AND THROAT OR PROCEDURES
075 MAJOR CHEST PROCEDURES
076 OTHER RESPIRATORY SYSTEM OR PROCEDURES W/ CC
077 OTHER RESPIRATORY SYSTEM OR PROCEDURES W/O CC
103 HEART TRANSPLANT
104 CARDIAC VALVE AND OTHER MAJOR CARDIOTHORACIC PROCEDURES W/ CARDIAC CATHETERIZATION
105 CARDIAC VALVE AND OTHER MAJOR CARDIOTHORACIC PROCEDURES W/O CARDIAC CATHETERIZATION
106 CORONARY BYPASS W/ PTCA
107 CORONARY BYPASS W/ CARDIAC CATHETERIZATION
108 OTHER CARDIOTHORACIC PROCEDURES
109 CORONARY BYPASS W/O CARDIAC CATHETERIZATION
110 MAJOR CARDIOVASCULAR PROCEDURES W/ CC
111 MAJOR CARDIOVASCULAR PROCEDURES W/O CC
112* PERCUTANEOUS CARDIOVASCULAR PROCEDURES
113 AMPUTATION FOR CIRCULATORY SYSTEM DISORDERS EXCEPT UPPER LIMB AND TOE
114 UPPER LIMB AND TOES AMPUTATION FOR CIRCULATORY SITE
115 PERMANENT CARDIAC PACEMAKER IMPLANT W/ ACUTE MYOCARDIAL INFARCTION, HEART FAILURE OR SHOCK OR ACID LEAD OR GENERATOR PROCEDURE
116 OTHER PERMANENT CARDIAC PACEMAKER IMPLANT OR PTCA W/ CORONARY ARTERIAL STENT
117 CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT
118 CARDIAC PACEMAKER DEVICE REPLACEMENT
119 VEIN LIGATION AND STRIPPING
120 OTHER CIRCULATORY SYSTEM OR PROCEDURES
146 RECTAL RESECTION W/ CC
147 RECTAL RESECTION W/O CC
148 MAJOR SMALL AND LARGE BOWEL PROCEDURES W/ CC
149 MAJOR SMALL AND LARGE BOWEL PROCEDURES W/O CC
150 PERITONEAL ADHESIOLYSIS W/ CC
151 PERITONEAL ADHESIOLYSIS W/O CC
152 MINOR SMALL AND LARGE BOWEL PROCEDURES W/ CC
153 MINOR SMALL AND LARGE BOWEL PROCEDURES W/O CC
154 STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES, AGE GREATER THAN 17 W/ CC
155 STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES, AGE GREATER THAN 17 WIHOUT CC
156 STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES, AGE 0-17
157 ANAL AND STOMAL PROCEDURES W/ CC
158 ANAL AND STOMAL PROCEDURES W/O CC
159 HERMIA PROCEDURES EXCEPT INGUINAL AND FEMORAL , AGE GREATER THAN 17 W/ CC
160 HERNIA PROCEDURES EXCEPT INGUINAL AND FEMORAL, AGE GREATER THAN 17 W/O CC
161 INGUINAL AND FEMORAL HERNIA PROCEDURES, AGE GREATER THAN 17 W/ CC
162 INGUINAL AND FEMORAL HERNIA PROCEDURES, AGE GREATER THAN 17 W/O CC
163 HERNIA PROCEDURES, AGE 0-17
164 APPENDECTOMY W/ COMPLICATED PRINCIPAL DIAGNOSIS W/ CC
165 APPENDECTOMY W/ COMPLICATED PRINCIPAL DIAGNOSIS WIHTOUT CC
166 APPENDECTOMY W/O COMPLICATED PRINCIPAL IAGNOSIS W/ CC
167 APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAGNOSIS W/O CC
168 MOUTH PROCEDURES W/ CC
169 MOUTH PROCEDURES W/O CC
170 OTHER DIGESTIVE SYSTEM OR PROCEDURES W/ CC
171 OTHER DIGESTIVE SYSTEM OR PROCEDURES W/O CC
191 PANCREAS, LIVER AND SHUNT PROCEDURES W/ CC
192 PANCREAS, LIVER AND SHUNT PROCEDURES W/O CC
193 BILIARY TRACT PROCEDURES EXCEPT ONLY CHOLECYSTECTOIMY W/ OR W/O COMMON DUCT EXPLORATION W/ CC
194 BILIARY TRACT PROCEDURES EXCEPT ONLY CHOLECYSTECTOMY W/ OR W/O COMMON DUCT EXPLORATION W/O CC
195 CHOLECYSTECTOMY W/ COMMON DUCT EXPLORATION W/ CC
196 CHOLECYSTECTOMY W/ COMMON DUCT EXPLORATION W/O CC
197 CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O COMMON DUCT EXPLORATION W/ CC
198 CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O COMMON DUCT EXPORTATION W/O CC
199 HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY
200 HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR NONMALIGNANCY
201 OTHER HEPATOBILIARY OR PANCREAS OR PROCEDURES
209 MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES OF LOWER EXTREMITY

210	HIP AND FEMUR PROCEDURES EXCEPT MAJOR JOINT PROCEDURES, AGE GREATER THAN 17 W/ CC
211	HIP AND FEMUR PROCEDURES EXCEPT MAJOR JOINT PROCEDURES, AGE GREATER THAN 17 W/O CC
212	HIP AND FEMUR PROCEDURES EXCEPT MAJOR JOINT PROCEDURE, AGE 0-17
213	AMPUTATION FOR MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE DISORDERS
214*	BACK & NECK PROCEDURES W CC
215*	BACK & NECK PROCEDURES W/O CC
216	BIOPSIES OF MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE
217	WOUND DEBRIDEMENT AND SKIN GRAFT EXCEPT HAND FOR MUSCULOSKELETAL AND CONNECTIVE TISSUE DISORDERS
218	LOWER EXTREMITY AND HUMERUS PROCEURES EXCEPT HIP, FOOT AND FEMUR, AGE GREATER THAN 17 W/ CC
219	LOWER EXTREMITY AND HUMERUS PROCEDURES EXCEPT HIP, FOOT AND FEMUR, AGE GREATER THAN 17 W/O CC
220	LOWER EXTREMITY AND HUMERUS PROCEDURES EXCEPT HIP, FOOT AND FEMUR, AGE 0-17
221*	KNEE PROCEDURES W CC
222*	KNEE PROCEDURES W/O CC
223	MAJOR SHOULDER/ELBOW PROCEDURES OR OTHER UPPER EXTREMITY PROCEDURES W/ CC
224	SHOULDER, ELBOW OR FOREARM PROCEDURES EXCEPT MAJOR JOINT PROCEDURES W/O CC
225	FOOT PROCEDURES
226	SOFT TISSUE PROCEDURES W/ CC
227	SOFT TISSUE PROCEDURES W/O CC
228	MAJOR THUMB OR JOINT PROCEDURES OR OTHER HAND OR WRIST PROCEDURES W/ CC
229	HAND OR WRIST PROCEDURES EXCEPT MAJOR JOINT PROCEDURES W/O CC
230	LOCAL EXCISION AND REMOVAL OF INTERNAL FIXATION DEVICES OF HIP AND FEMUR
231*	LOCAL EXCISION AND REMOVAL OF INTERNAL FIXATION DEVICES EXCEPT HIP AND FEMUR
232	ARTHROSCOPY
233	OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE OR PROCEDURES W/ CC
234	OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE OR PROCEDURES W/O CC
257	TOTAL MASTECTOMY FOR MALIGNANCY W/ CC
258	TOTAL MASTECTOMY FOR MALIGNANCY W/O CC
259	SUBTOTAL MASTECTOMY FOR MALIGNANCY W/ CC
260	SUBTOTAL MASTECTOMY FOR MALIGNANCY W/O CC
261	BREAST PROCEDURE FOR NONMALIGNANCY EXCEPT BIOPSY AND LOCAL EXCISION
262	BREAST BIOPSY AND LOCAL EXCISION FOR NONMALIGNANCY
263	SKIN GRAFT AND/OR DEBRIDEMENT FOR SKIN ULCER OR CELLULITIS W/ CC
264	SKIN GRAFT AND OR DEBRIDEMENT FOR SKIN ULCER OR CELLULITIS W/O CC
265	SKIN GRAFT AND OR DEBRIDEMENT EXCEPT FOR SKIN ULCER OR CELLULITIS W/ CC
266	SKIN GRAFT AND/OR DEBRIDEMENT EXCEPT FOR SKIN ULCER OR CELLUTLITIES W/O CC
267	PERIANAL AND PILONIDAL PROCEDURES
268	SKIN, SUBCUTANEOUS TISSUE AND BREAST PLASTIC PROCEDURES
269	OTHER SKIN, SUBCUTANEOUS TISSUE AND BREAST PROCEDURES W/ CC
270	OTHER SKIN, SUBCUTANEOUS TISSUE AND BREAST PROCEDURS W/O CC
285	AMPUTAETION OF LOWER LIMB FOR ENDOCRINE, NUTRITIONAL AND METABOLIC DISORDERS
286	ADRENAL AND PITUITARY PROCEDURES
287	SKIN GRAFTS AND WOUND DEBRIDEMENTS FOR ENDOCRINE, NUTRITIONAL AND METABOLIC DISORDERS
288	OR PROCEDURES FOR OBESITY
289	PARATHYROID PROCEDURES
290	THYROID PROCEDURES
291	THYROGLOSSAL PROCEDURES
292	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC OR PROCEDURES W/ CC
293	OTHER ENDOCRINE, NUTRITIONAL AND METABOLIC OR PROCEDURES W/O CC
302	KIDNEY TRANSPLANT
303	KIDNEY, URETER AND MAJOR BLADDER PROCEDURES FOR NEOPLASM
304	KIDNEY, URETER AND MAJOR BLADDER PROCEDURES FOR NONNEOPLASMS W/ CC
305	KIDNEY, URETER AND MAJOR BLADDER PROCEDURES FOR NONEOPLSMS W/O CC
306	PROSTATECTOMY W/ CC
307	PROSTATECTOMY W/O CC
308	MINOR BLADDER PROCEDURES W/ CC
309	MINOR BLADDER PROCEDURES W/O CC
310	TRANSURETHRAL PROCEDURES W/ CC
311	TRANSURETHRAL PROCEDURES W/O CC
312	URETHRAL PROCEDURES, AGE GREATER THAN 17 W/ CC
313	URETHRAL PROCEDURES, AGE GREATER THAN 17 W/O CC
314	URETHRAL PROCEDURES, AGE 0-17
315	OTHER KIDNEY AND URINARY TRACT OR PROCEDURES
334	MAJOR MALE PELVIC PROCEDURES W/ CC
335	MAJOR MALE PELVIC PROCEDURES W/O CC

336	TRANSURETHRAL PROSTATECTOMY W/ CC
337	TRANSURETHRAL PROSTATECTOMY W/O CC
338	TESTES PROCEDURES FOR MALIGNANCY
339	TESTES PROCEDURES FOR NONMALIGNANCY, AGE GREATER THAN 17
340	TESTES PROCEDURES FOR NONMALIGNANCY, AGE 0-17
341	PENIS PROCEDURES
342	CIRCUMCISION, AGE GREATER THAN 17
343	CIRCUMCISION, AGE 0-17
344	OTHER MALE REPRODUCTIVE SYSTEM OR PROCEDURES FOR MALIGNANCY
345	OTHER MALE REPRODUCTIVE SYSTEM OR PROCEDURES EXCEPT FOR MALIGNANCY
353	PELVIC EVISCERATION, RADICAL HYSTERECTOMY AND RADICAL VULVECTOMY
354	UTERINE AND ADNEXA PROCEDURES FOR NONOVARIAN/ADNEXAL MALIGNANCY W/ CC
355	UTERINE AND ADNEXA PROCEDURES FOR NONOVARIAN/ADNEXA PROCEDURES W/O CC
356	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES
357	UTERINE AND ADNEXA PROCEDURES FOR OVARIAN OR ADNEXAL MALIGNANCY
358	UTERINE AND ADNEXA PROCEDURES FOR NONMALIGNANCY W/ CC
359	UTERINE AND ADNEXA PROCEDURES FOR NONMALIGNANCY W/O CC
360	VAGINA, CERVIX AND VULVA PROCEDURES
361	LAPAROSCOPY AND INCISIONAL TUBAL INTERRUPTION
362	ENDOSCOPIC TUBAL INTERRUPTION
363	D AND C, CONIZATION AND RADIOIMPLANT FOR MALIGNANCY
364	D AND C, CONIZATION EXCEPT FOR MALIGNANCY
365	OTHER FEMALE REPRODUCTIVE SYSTEM OR PROCEDURES
370	CESAREAN SECTION W/ CC
371	CESAREAN SECTION W/O CC
374	VAGINAL DELIVERY W/ STERILIZATION AND/OR D AND C
375	VAGINAL DELIVERY W/ OR PROCEDURE EXCEPT STERILIZATION AND/OR D AND C
377	POSTPARTUM AND POSTABORTION DIAGNOSES W/ OR PROCEDURE
381	ABORTION W/ D AND C ASPIRATION CURETTAGE OR HYSTERECTOMY
392	SPLENECTOMY, AGE GREATER THAN 17
393	SPLENECTOMY, AGE 0-17
394	OTHER OR PROCEDURES OF THE BLOOD AND BLOOD-FORMING ORGANS
400*	LYMPHOMA AND LEUKEMIA W/ MAJOR OR PROCEDURES
401	LYMPHOMA AND NONACUTE LEUKEMIA W/ OTHER OR PROCEDURE W/ CC
402	LYMPHOMA AND NONACUTE LEUKEMIA W/ OTHER OR PROCEDURE W/O CC
406	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ MAJOR OR PROCEDURES W/ CC
407	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ MAJOR OR PROCEDURES W/O CC
408	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ OTHER OR PROCEDURES
415	OR PROCEDURE FOR INFECTIOUS AND PARASITIC DISEASES
424	OR PROCEDURES W/ PRINCIPAL DIAGNOSIS OF MENTAL ILLNESS
439	SKIN GRAFTS FOR INJURIES
440	WOUND DEBRIDEMENTS FOR INJURIES
441	HAND PROCEDURES FOR INJURIES
442	OTHER OR PROCEDURES FOR INJURIES W/ CC
443	OTHER OR PROCEDURES FOR INJURIES W/O CC
458*	NON-EXTENSIVE BURNS W SKIN GRAFT
459*	NON-EXTENSIVE BURNS W WOUND DEBRIDEMENT OR OTHER O.R. PROC
461	OR PROCEDURES W/ DIAGNOSES OF OTHER CONTACT W/ HEALTH SERVICES
468	EXTENSIVE OR PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
471	BILATERAL OR MULTIPLE MAJOR JOINT PROCEDURES OF LOWER EXTREMITY
472*	EXTENSIVE BURNS W O.R. PROCEDURE
476	PROSTATIC OR PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
477	NONEXTENSIVE OR PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
478	OTHER VASCULAR PROCEDURES W/ CC
479	OTHER VASCULAR PROCEDURES W/O CC
480	LIVER TRANSPLANT
481	BONE MARROW TRANSPLANT
482	TRACHEOSTOMY FOR FACE, MOUTH AND NECK DIAGNOSES
483*	TRACHEOSTOMY EXCEPT FOR FACE, MOUTH AND NECK DIAGNOSES
484	CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA
485	LIMB REATTACHMENT, HIP AND FEMUR PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA
486	OTHER OR PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA
488	HIV W/ EXTENSIVE OR PROCEDURE
491	MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES OF UPPER EXTREMITY
493	LAPAROSCOPIC CHOLECYSTECTOMY W/O COMMON DUCT EXPLORATION W/ CC
494	LAPAROSCOPIC CHOLECYSTECTOMY W/O COMMON DUCT EXPLORATION W/O CC
495	LUNG TRANSPLANT

496 COMBINED ANTERIOR/POSTERIOR SPINAL FUSION
497 SPINAL FUSION W/ CC
498 SPINAL FUSION W/O CC
499 BACK AND NECK PROCEDURES EXCEPT SPINAL FUSION W/ CC
500 BACK AND NECK PROCEDURES EXCEPT SPINAL FUSION W/O CC
501 KNEE PROCEDURES W/ PRINCIPAL DIAGNOSIS OF INFECTION, W/ CC
502 KNEE PROCEDURES W/ PRINCIPAL DIAGNOSIS OF INFECTION, W/O CC
503 KNEE PROCEDURES W/O PRINCIPAL DIAGNOSIS OF INFECTION
504 EXTENSIVE 3RD DEGREE BURNS W SKIN GRAFT
506 FULL THICKNESS BURN W SKIN GRAFT OR INHAL INJ W CC OR SIG TRAUMA
507 FULL THICKNESS BURN W SKIN GRFT OR INHAL INJ W/O CC OR SIG TRAUMA
512 SIMULTANEOUS PANCREAS/KIDNEY TRANSPLANT
513 PANCREAS TRANSPLANT
514* CARDIAC DEFIBRILLATOR IMPLANT W CARDIAC CATH
515 CARDIAC DEFIBRILLATOR IMPLANT W/O CARDIAC CATH
516 PERCUTANEOUS CARDIOVASC PROC W AMI
517 PERC CARDIO PROC W NON-DRUG ELUTING STENT W/O AMI
518 PERC CARDIO PROC W/O CORONARY ARTERY STENT OR AMI
519 CERVICAL SPINAL FUSION W CC
520 CERVICAL SPINAL FUSION W/O CC
525 HEART ASSIST SYSTEM IMPLANT (OCT 02)
526 PERCUTNEOUS CARDIOVASULAR PROC W DRUG ELUTING STENT W AMI (APR 03)
527 PERCUTNEOUS CARDIOVASULAR PROC W DRUG ELUTING STENT W/O AMI (APR 03)
528 INTRACRANIAL VASCULAR PROC W PDX HEMORRHAGE OCT03-
529 VENTRICULAR SHUNT PROCEDURES W CC OCT03-
530 VENTRICULAR SHUNT PROCEDURES W/O CC OCT03-
531 SPINAL PROCEDURES W CC OCT03-
532 SPINAL PROCEDURES W/O CC OCT03-
533 EXTRACRANIAL PROCEDURES W CC OCT03-
534 EXTRACRANIAL PROCEDURES W/O CC OCT03-
535 CARDIAC DEFIB IMPLANT W CARDIAC CATH W AMI/HF/SHOCK OCT03-
536 CARDIAC DEFIB IMPLANT W CARDIAC CATH W/O AMI/HF/SHOCK OCT03-
537 LOCAL EXCIS & REMOV OF INT FIX DEV EXCEPT HIP & FEMUR W CC OCT03-
538 LOCAL EXCIS & REMOV OF INT FIX DEV EXCEPT HIP & FEMUR W/O CC OCT03-
539 LYMPHOMA & LEUKEMIA W MAJOR OR PROCEDURE W CC OCT03-
540 LYMPHOMA & LEUKEMIA W MAJOR OR PROCEDURE W/O CC OCT03-
541 TRACH W MV 96+HRS OR PDX EXC FACE, MTH, FACE & NECK DX W/MAJ OR (OCT 04)
542 TRACH W MV 96+HRS OR PDX EXC FACE, MTH, FACE & NECK DX W/O MJ OR (OCT 04)
543 CRANIOTOMY WITH IMPLANTATION OF CHEMOTHERAPEUTIC AGENT OR ACUTE COMPLEX CENTRAL NERVOUS SYSTEM PRINCIPAL DIAGNOSIS (OCT 04)
544 MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY OCT05-
545 REVISION OF HIP OR KNEE REPLACEMENT OCT05-
546 SPINAL FUSION EXC CERV WITH CURVATURE OF THE SPINE OR MALIG OCT05-
547 CORONARY BYPASS W CARDIAC CATH W MAJOR CV DX OCT05-
548 CORONARY BYPASS W CARDIAC CATH W/O MAJOR CV DX OCT05-
549 CORONARY BYPASS W/O CARDIAC CATH W MAJOR CV DX
550 CORONARY BYPASS W/O CARDIAC CATH W/O MAJOR CV DX OCT05-
551 PERMANENT CARDIAC PACEMAKER IMPL W MAJ CV DX OR AICD LEAD OR GNRTR OCT05-
552 OTHER PERMANENT CARDIAC PACEMAKER IMPLANT W/O MAJOR CV DX OCT05-
553 OTHER VASCULAR PROCEDURES W CC W MAJOR CV DX OCT05-
554 OTHER VASCULAR PROCEDURES W CC W/O MAJOR CV DX OCT05-
555 PERCUTANEOUS CARDIOVASCULAR PROC W MAJOR CV DX OCT05-
556 PERCUTANEOUS CARDIOVASC PROC W NON-DRUG-ELUTING STENT W/O MAJ CV DX OCT05-
557 PERCUTANEOUS CARDIOVASCULAR PROC W DRUG-ELUTING STENT W MAJOR CV DX OCT05-
558 PERCUTANEOUS CARDIOVASCULAR PROC W DRUG-ELUTING STENT W/O MAJ CV DX OCT05-
567 STOMACH, ESOPHAGEAL & DUODENAL PROC AGE > 17 W CC W MAJOR GI DX OCT06-
568 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES PROC AGE > 17 W CC W/O MAJOR GI DX OCT06-
569 MAJOR SMALL & LARGE BOWEL PROCEDURES W CC W MAJOR GI DX OCT06-
570 MAJOR SMALL & LARGE BOWEL PROCEDURES W CC W/O MAJOR GI DX OCT06-
573 MAJOR BLADDER PROCEDURES OCT06-
577 CAROTID ARTERY STENT PROCEDURE OCT06-

578 INFECTIOUS & PARASITIC DISEASES W OR PROCEDURE OCT06-

579 POSTOPERATIVE OR POST-TRAUMATIC INFECTIONS W OR PROCEDURE OCT06-

* No longer valid in FY2005

Appendix C: ICD-9-CM Trauma Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
Death in Low-Mortality DRGs (PSI 2) - Page 5	Denominator exclusion - Page 7
Failure to Rescue (PSI 4) - Page 9	FTR 1 Denominator exclusion - Page 10 FTR 5 Denominator exclusion - Page 14 FTR 6 Denominator exclusion - Page 16
Postoperative Hip Fracture (PSI 8) - Page 24	Denominator exclusion - Page 24

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the ICD-9-CM trauma diagnosis codes are referenced within the PSI detailed definition.

ICD-9-CM Trauma diagnosis codes (includes 4th and 5th digits), New codes are listed through 5th digit:

800 FRACTURE OF VAULT OF SKULL
801 FRACTURE OF BASE OF SKULL
802 FRACTURE OF FACE BONES
803 OTHER AND UNQUALIFIED SKULL FRACTURES
804 MULTIPLE FRACTURES INVOLVING SKULL OR FACE W/ OTHER BONES
805 FRACTURE OF VERTEBRAL COLUMN W/O MENTION OF SPINAL CORD INJURY
806 FRACTURE OF VERTEBRAL COLUMN W/ SPINAL CORD INJURY
807 FRACTURE OF RIB[S] STERNUM, LARYNX, AND TRACHEA
808 FRACTURE OF PELVIS
809 ILL-DEFINED FRACTURES OF BONES OF TRUNK
810 FRACTURE OF CLAVICLE
811 FRACTURE OF SCAPULA
812 FRACTURE OF HUMERUS
813 FRACTURE OF RADIUS AND ULNA
814 FRACTURE OF CARPAL BONE[S]
815 FRACTURE OF METACARPAL BONE[S]
817 MULTIPLE FRACTURE OF HAND BONES
818 ILL-DEFINED FRACTURES OF UPPER LIMB
819 MULTIPLE FRACTURES INVOLVING BOTH UPPER LIMBS, AND UPPER LIMB W/ RIB AND STERNUM
820 FRACTURE OF NECK OF FEMUR
821 FRACTURE OF OTHER AND UNSPECIFIED PARTS OF FEMUR
822 FRACTURE OF PATELLA
823 FRACTURE OF TIBIA AND FIBULA
824 FRACTURE OF ANKLE
825 FRACTURE OF ONE OR MORE TARSAL AND METATARSAL BONES
827 OTHER, MULTIPLE, AND ILL-DEFINED FRACTURES OF LOWER LIMB
828 MULTIPLE FRACTURES INVOLVING BOTH LOWER LIMBS, LOWER W/ UPPER LIMB, AND LOWER LIMB W/ RIB AND STERNUM
829 FRACTURE OF UNSPECIFIED BONES
830 DISLOCATION OF JAW
831 DISLOCATION OF SHOULDER
832 DISLOCATION OF ELBOW
833 DISLOCATION OF WRIST
835 DISLOCATION OF HIP
836 DISLOCATION OF KNEE
837 DISLOCATION OF ANKLE
838 DISLOCATION OF FOOT
839 OTHER, MULTIPLE, AND ILL-DEFINED DISLOCATIONS
850 CONCUSSION
85011 CONCUSSION W/ BRIEF COMA <31 MINUTES OCT03-

85012	CONCUSSION W/ BRIEF COMA 31-59 MINUTES OCT03-
851	CEREBRAL LACERATION AND CONTUSION
852	SUBARACHNOID, SUBDURAL, AND EXTRADURAL HEMORRHAGE, FOLLOWING INJURY
853	OTHER AND UNSPECIFIED INTRACRANIAL HEMORRHAGE FOLLOWING INJURY
854	INTRACRANIAL INJURY OF OTHER AND UNSPECIFIED NATURE
860	TRAUMATIC PNEUMOTHORAX
861	INJURY TO HEART AND LUNG
862	INJURY TO OTHER AND UNSPECIFIED INTRATHORACIC ORGANS
863	INJURY TO GASTROINTESTINAL TRACT
864	INJURY TO LIVER
865	INJURY TO SPLEEN
866	INJURY TO KIDNEY
867	INJURY TO PELVIC ORGANS
868	INJURY TO OTHER INTRA-ABDOMINAL ORGANS
869	INTERNAL INJURY TO UNSPECIFIED OR ILL-DEFINED ORGANS
870	OPEN WOUND OF OCULAR ADNEXA
871	OPEN WOUND OF EYEBALL
872	OPEN WOUND OF EAR
873	OTHER OPEN WOUND OF HEAD
874	OPEN WOUND OF NECK
875	OPEN WOUND OF CHEST [WALL]
876	OPEN WOUND OF BACK
877	OPEN WOUND OF BUTTOCK
878	OPEN WOUND OF GENITAL ORGANS [EXTERNAL] INCLUDING TRAUMATIC AMPUTATION
879	OPEN WOUND OF OTHER AND UNSPECIFIED SITES, EXCEPT LIMBS
880	OPEN WOUND OF SHOULDER AND UPPER ARM
881	OPEN WOUND OF ELBOW, FOREARM, AND WRIST
882	OPEN WOUND OF HAND EXCEPT FINGER ALONE
884	MULTIPLE AND UNSPECIFIED OPEN WOUND OF UPPER LIMB
887	TRAUMATIC AMPUTATION OF ARM AND HAND (COMPLETE) (PARTIAL)
890	OPEN WOUND OF HIP AND THIGH
891	OPEN WOUND OF KNEE, LEG (EXCEPT THIGH) AND ANKLE
892	OPEN WOUND OF FOOT EXCEPT TOE ALONE
894	MULTIPLE AND UNSPECIFIED OPEN WOUND OF LOWER LIMB
896	TRAUMATIC AMPUTATION OF FOOT (COMPLETE) (PARTIAL)
897	TRAUMATIC AMPUTATION OF LEG[S] (COMPLETE) (PARTIAL)
900	INJURY TO BLOOD VESSELS OF HEAD AND NECK
901	INJURY TO BLOOD VESSELS OF THORAX
902	INJURY TO BLOOD VESSELS OF ABDOMEN AND PELVIS
903	INJURY TO BLOOD VESSELS OF UPPER EXTREMITY
904	INJURY TO BLOOD VESSELS OF LOWER EXTREMITY AND UNSPECIFIED SITES
925	CRUSHING INJURY OF FACE, SCALP, AND NECK
926	CRUSHING INJURY OF TRUNK
927	CRUSHING INJURY OF UPPER LIMB
928	CRUSHING INJURY OF LOWER LIMB
929	CRUSHING INJURY OF MULTIPLE AND UNSPECIFIED SITES
940	BURN CONFINED TO EYE AND ADNEXA
941	BURN OF FACE, HEAD, AND NECK
942	BURN OF TRUNK
943	BURN OF UPPER LIMB, EXCEPT WRIST AND HAND
944	BURN OF WRIST[S] AND HAND[S]
945	BURN OF LOWER LIMB[S]
946	BURNS OF MULTIPLE SPECIFIED SITES
947	BURN OF INTERNAL ORGANS
948	BURNS CLASSIFIED ACCORDING TO EXTENT OF BODY SURFACE INVOLVED
949	BURN, UNSPECIFIED
952	SPINAL CHORD INJURY W/O EVIDENCE OF SPINAL BONE INJURY
953	INJURY TO NERVE ROOTS AND SPINAL PLEXUS
958	CERTAIN EARLY COMPLICATIONS OF TRAUMA

Appendix D: ICD-9-CM Codes for Immunocompromised States

These codes are used by the following PSIs:

PSI	How Used
Death in Low-Mortality DRGs (PSI 2) - Page 5	Denominator exclusion - Page 7
Failure to Rescue (PSI 4) - Page 9	FTR 3 Denominator exclusion - Page 12 FTR 4 Denominator exclusion - Page 13
Selected Infections Due to Medical Care, Secondary Diagnosis Field (PSI 7 and 23) - Page 23	Denominator exclusion - Page 23
Postoperative Sepsis (PSI 13) - Page 33	Denominator exclusion - Page 33
Postoperative Wound Dehiscence, Secondary Diagnosis Field (PSI 14 and 24)) - Page 34	Denominator exclusion - Page 34

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the immunocompromised states are referenced within the PSI detailed definition.

ICD-9-CM Immunocompromised States diagnosis codes:

042 HUMAN IMMUNODEFICIENCY VIRUS DISEASE
1363 PNEUMOCYSTOSIS
260 KWASHIORKOR OCT05-
261 NUTRITIONAL MARASMUS OCT05-
262 OTH SEVERE MALNUTRITION OCT05-
23873 HI GRDE MYELODYS SYN LES OCT06-
23876 MYELOFI W MYELO METAPLAS OCT06
27900 HYPOGAMMAGLOBULINEM NOS
27901 SELECTIVE IGA IMMUNODEF
27902 SELECTIVE IGM IMMUNODEF
27903 SELECTIVE IG DEFIC NEC
27904 CONG HYPOGAMMAGLOBULINEM
27905 IMMUNODEFIC W HYPER-IGM
27906 COMMON VARIABL IMMUNODEF
27909 HUMORAL IMMUNITY DEF NEC
27910 IMMUNDEF T-CELL DEF NOS
27911 DIGEORGES SYNDROME
27912 WISKOTT-ALDRICH SYNDROME
27913 NEZELOFS SYNDROME
27919 DEFIC CELL IMMUNITY NOS
2792 COMBINED IMMUNITY DEFICIENCY
2793 UNSPECIFIED IMMUNITY DEFICIENCY
2794 AUTOIMMUNE DISEASE, NOT ELSEWHERE CLASSIFIED
2798 OTHER SPECIFIED DISORDERS INVOLVING THE IMMUNE MECHANISM
2799 UNSPECIFIED DISORDER OF IMMUNE MECHANISM
28409 CONST APLASTC ANEMIA NEC OCT06-
2841 PANCYTOPENIA OCT06-
2880 AGRANULOCYTOSIS OCT05-
28800 NEUTROPENIA NOS OCT06-
28801 CONGENITAL NEUTROPENIA OCT06-
28802 CYCLIC NEUTROPENIA OCT06-
28803 DRUG INDUCED NEUTROPENIA OCT06-
28809 NEUTROPENIA NEC OCT06-
2881 FUNCTION DIS NEUTROPHILS OCT05-
2882 GENETIC ANOMALY LEUKOCYT OCT05-
2884 HEMOPHAGOCYTIC SYNDROMES OCT06-
28850 LEUKOCYTOPENIA NOS OCT06-
28851 LYMPHOCYTOPENIA OCT06-
28859 DECREASED WBC COUNT NEC OCT06-
28953 NEUTROPENIC SPLENOMEGALY OCT06-
28983 MYELOFIBROSIS OCT06-
40301 MAL HYP KIDNEY W CHR KID OCT05-
40311 BEN HYP KIDNEY W CHR KID OCT05-
40391 HYP KIDNEY NOS W CHR KID OCT05-
40402 MAL HY HRT/KID W CHR KID OCT05-
40403 MAL HYP HRT/KID W HF/KID OCT05-
40412 BEN HYP HT/KID W CHR KID OCT05-
40413 BEN HYP HT/KID W HF/KID OCT05-
40492 HYP HT/KID NOS W CHR KID OCT05-
40493 HYP HRT/KID NOS W HF/KID OCT05-
5793 INTEST POSTOP NONABSORB OCT05-
585 CHRONIC KIDNEY DISEASE OCT05-
5855 CHRON KIDNEY DIS STAGE V OCT05-
5856 END STAGE RENAL DISEASE OCT05-
9968 COMPLICATIONS OF TRANSPLANTED ORGAN
99680 COMP ORGAN TRANSPLNT NOS
99681 COMPL KIDNEY TRANSPLANT
99682 COMPL LIVER TRANSPLANT
99683 COMPL HEART TRANSPLANT
99684 COMPL LUNG TRANSPLANT
99685 COMPL MARROW TRANSPLANT
99686 COMPL PANCREAS TRANSPLNT
99687 COMP INTESTINE TRANSPLNT
99689 COMP OTH ORGAN TRANSPLNT
V420 KIDNEY REPLACED BY TRANSPLANT
V421 HEART REPLACED BY TRANSPLANT
V426 LUNG REPLACED BY TRANSPLANT
V427 LIVER REPLACED BY TRANSPLANT
V428 OTHER SPECIFIED ORGAN OR TISSUE
V4281 BONE MARROW SPECIFIED BY TRANSPLANT

V4282	PERIPHERAL STEM CELLS REPLACED BY TRANSPLANT
V4283	PANCREAS REPLACED BY TRANSPLANT
V4284	INTESTINES REPLACE BY TRANSPLANT
V4289	OTHER REPLACED BY TRANSPLANT
V451	RENAL DIALYSIS STATUS OCT05-
V560	RENAL DIALYSIS ENCOUNTER OCT05-
V561	FT/ADJ XTRCORP DIAL CATH OCT05-
V562	FIT/ADJ PERIT DIAL CATH OCT05-

ICD-9-CM Immunocompromised States procedure codes:

0018	INFUS IMMUNOSUP ANTIBODY OCT05-
335	LUNG TRANSPLANTATION
3350	LUNG TRANSPLANTATION, NOS
3351	UNILATERAL LUNG TRANSPLANTATION
3352	BILATERAL LUNG TRANSPLANTATION
336	COMBINED HEART-LUNG TRANSPLANTATION
375	HEART TRANSPLANTATION
3751	HEART TRANSPLANTATION OCT03-
410	OPERATIONS ON BONE MARROW AND SPLEEN
4100	BONE MARROW TRANSPLANT, NOS
4101	AUTOLOGOUS BONE MARROW TRANSPLANT W/O PURGING
4102	ALLOGENEIC BONE MARROW TRANSPLANT W/ PURGING
4103	ALLOGENEIC BONE MARROW TRANSPLANT W/O PURGING
4104	AUTOLOGOUS HEMATOPOIETIC STEM CELL TRANSPLANT W/O PURGING
4105	ALLOGENEIC HEMATOPOIETIC STEM CELL TRANSPLANT W/O PURGING
4106	CORD BLOOD STEM CELL TRANSPLANT
4107	AUTOLOGOUS HEMATOPOIETIC STEM CELL TRANSPLANT W/ PURGING
4108	ALLOGENEIC HEMATOPOIETIC STEM CELL TRANSPLANT W/ PURGING
4109	AUTOLOGOUS BONE MARROW TRANSPLANT W/ PURGING
5051	AUXILIARY LIVER TRANSPLANT
5059	LIVER TRANSPLANT, NEC
5280	PANCREATIC TRANSPLANT, NOS
5281	REIMPLANTATION OF PANCREATIC TISSUE
5282	HOMOTRANSPLANT OF PANCREAS
5283	HETEROTRANSPLANT OF PANCREAS
5285	ALLOTRANSPLANTATION OF CELLS OF ISLETS OF LANGERHANS
5286	TRANSPLANTATION OF CELLS OF ISLETS OF LANGERHANS, NOS
5569	OTHER KIDNEY TRANSPLANTATION

Appendix E: Cancer Codes

These codes are used by the following PSIs:

PSI	How Used
Death in Low-Mortality DRGs (PSI 2) - Page 5	Denominator exclusion - Page 7
Selected Infections Due to Medical Care, Secondary Diagnosis Field (PSI 7 and 23) - Page 23	Denominator exclusion - Page 23
Postoperative Sepsis (PSI 13) - Page 33	Denominator exclusion - Page 33

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the cancer codes are referenced within the PSI detailed definition.

ICD-9-CM Cancer diagnosis codes (includes 4th and 5th digits):

140 MALIGNANT NEOPLASM OF LIP
141 MALIGNANT NEOPLASM OF TONGUE
142 MALIGNANT NEOPLASM OF MAJOR SALIVARY GLANDS
143 MALIGNANT NEOPLASM OF GUM
144 MALIGNANT NEOPLASM OF FLOOR OF MOUTH
145 MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED PARTS OF MOUTH
146 MALIGNANT NEOPLASM OF OROPHARYNX
147 MALIGNANT NEOPLASM OF NASOPHARYNX
148 MALIGNANT NEOPLASM OF HYPOPHARYNX
149 MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE LIP, ORAL CAVITY, AND PHARYNX
150 MALIGNANT NEOPLASM OF ESOPHAGUS
151 MALIGNANT NEOPLASM OF STOMACH
152 MALIGNANT NEOPLASM OF SMALL INTESTINE, INCLUDING DUODENUM
153 MALIGNANT NEOPLASM OF COLON
154 MALIGNANT NEOPLASM OF RECTUM, RECTOSIGMOID JUNCTION, AND ANUS
155 MALIGNANT NEOPLASM OF LIVER AND INTRAHEPATIC BILE DUCTS
156 MALIGNANT NEOPLASM OF GALLBLADDER AND EXTRAHEPATIC BILE DUCTS
157 MALIGNANT NEOPLASM OF PANCREAS
158 MALIGNANT NEOPLASM OF RETROPERITONEUM AND PERITONEUM
159 MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE DIGESTIVE ORGANS AND PERITONEUM
160 MALIGNANT NEOPLASM OF NASAL CAVITIES, MIDDLE EAR, AND ACCESSORY SINUSES
161 MALIGNANT NEOPLASM OF LARYNX
162 MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS, AND LUNG
163 MALIGNANT NEOPLASM OF PLEURA
164 MALIGNANT NEOPLASM OF THYMUS, HEART, AND MEDIASTINUM
165 MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS
170 MALIGNANT NEOPLASM OF BONE AND ARTICULAR CARTILAGE
171 MALIGNANT NEOPLASM OF CONNECTIVE AND OTHER SOFT TISSUE
172 MALIGNANT MELANOMA OF SKIN
174 MALIGNANT NEOPLASM OF FEMALE BREAST
175 MALIGNANT NEOPLASM OF MALE BREAST
176 KARPOSI'S SARCOMA
179 MALIGNANT NEOPLASM OF UTERUS, PART UNSPECIFIED
180 MALIGNANT NEOPLASM OF CERVIX UTERI
181 MALIGNANT NEOPLASM OF PLACENTA
182 MALIGNANT NEOPLASM OF BODY OF UTERUS
183 MALIGNANT NEOPLASM OF OVARY AND OTHER UTERINE ADNEXA
184 MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS
185 MALIGNANT NEOPLASM OF PROSTATE
186 MALIGNANT NEOPLASM OF TESTES
187 MALIGNANT NEOPLASM OF PENIS AND OTHER MALE GENITAL ORGANS
188 MALIGNANT NEOPLASM OF BLADDER
189 MALIGNANT NEOPLASM OF KIDNEY AND OTHER AND UNSPECIFIED URINARY ORGANS
190 MALIGNANT NEOPLASM OF EYE
191 MALIGNANT NEOPLASM OF BRAIN

192	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED PARTS OF NERVOUS SYSTEM
193	MALIGNANT NEOPLASM OF THYROID GLAND
194	MALIGNANT NEOPLASM OF OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES
195	MALIGNANT NEOPLASM OF OTHER, AND ILL-DEFINED SITES
196	SECONDARY AND UNSPECIFIED MALIGNANT NEOPLASM OF LYMPH NODES
197	SECONDARY MALIGNANT NEOPLASM OF RESPIRATORY AND DIGESTIVE SYSTEMS
198	SECONDARY MALIGNANT NEOPLASM OF OTHER SPECIFIED SITES
199	MALIGNANT NEOPLASM W/O SPECIFICATION OF SITE
200	LYMPHOSARCOMA AND RETICULOSARCOMA
201	HODGKIN'S DISEASE
202	OTHER MALIGNANT NEOPLASMS OF LYMPHOID AND HISTIOCYTIC TISSUES
203	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS
204	LYMPHOID LEUKEMIA
205	MYELOID LEUKEMIA
206	MONOCYTIC LEUKEMIA
207	OTHER SPECIFIED LEUKEMIA
208	LEUKEMIA OF UNSPECIFIED CELL TYPE
2386	NEOPLASM OF UNCERTAIN BEHAVIOR OF OTHER AND UNSPECIFIED SITES AND TISSUES, PLASMA CELLS
2733	MACROGLOBULINEMIA

Personal history of malignant neoplasm:

V1000	GASTROINTESTINAL TRACT, UNSPECIFIED
V1001	TONGUE
V1002	OTHER AND UNSPECIFIED ORAL CAVITY AND PHARYNX
V1003	ESOPHAGUS
V1004	STOMACH
V1005	LARGE INTESTINE
V1006	RECTUM, RECTOSIGMOID JUNCTION, AND ANUS
V1007	LIVER
V1009	OTHER
V1011	BRONCHUS AND LUNG
V1012	TRACHEA
V1020	RESPIRATORY ORGAN, UNSPECIFIED
V1021	LARYNX
V1022	NASAL CAVITIES, MIDDLE EAR, AND ACCESSORY SINUSES
V1029	OTHER RESPIRATORY AND INTRATHORACIC ORGANS, OTHER
V103	BREAST
V1040	FEMALE GENITAL ORGAN, UNSPECIFIED
V1041	CERVIX UTERI
V1042	OTHER PARTS OF UTERUS
V1043	OVARY
V1044	OTHER FEMALE GENITAL ORGANS
V1045	MALE GENITAL ORGAN, UNSPECIFIED
V1046	PROSTATE
V1047	TESTES
V1048	EPIDIDYMIS
V1049	OTHER MALE GENITAL ORGANS
V1050	URINARY ORGAN, UNSPECIFIED
V1051	BLADDER
V1052	KIDNEY
V1053	RENAL PELVIS
V1059	URINARY ORGANS, OTHER
V1060	LEUKEMIA, UNSPECIFIED
V1061	LYMPHOID LEUKEMIA
V1062	MYELOID LEUKEMIA
V1063	MONOCYTIC LEUKEMIA
V1069	LEUKEMIA, OTHER
V1071	LYMPHOSARCOMA AND RETICULOSARCOMA
V1072	HODGKIN'S DISEASE
V1079	OTHER LYMPHATIC AND HEMATOPOIETIC NEOPLASMS, OTHER
V1081	BONE
V1082	MALIGNANT MELANOMA OF SKIN
V1083	OTHER MALIGNANT NEOPLASM OF SKIN
V1084	EYE
V1085	BRAIN
V1086	OTHER PARTS OF NERVOUS SYSTEM
V1087	THYROID
V1088	OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES
V1089	OTHER
V109	UNSPECIFIED PERSONAL HISTORY OF MALIGNANT NEOPLASM

Appendix F: Medical Discharge DRGs

These codes are used by the following PSIs:

PSI	How Used
Decubitus Ulcer (PSI 3) - Page 7	Denominator inclusion - Page 8
Foreign Body Left during Procedure, Secondary Diagnosis Field (PSI 5 and 21) - Page 17	Denominator inclusion - Page 17
Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22) - Page 18	Denominator inclusion - Page 18
Selected Infections Due to Medical Care, Secondary Diagnosis Field (PSI 7 and 23) - Page 23	Denominator inclusion - Page 23
Accidental Puncture or Laceration, Secondary Diagnosis Field (PSI 15 and 25) - Page 41	Denominator inclusion - Page 41
Transfusion Reaction, Secondary Diagnosis Field (PSI 16 and 26) - Page 41	Denominator inclusion - Page 42

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the medical discharge DRGs are referenced within the PSI detailed definition.

Medical Discharge DRGs:

009 SPINAL DISORDERS AND INJURIES
010 NERVOUS SYSTEM NEOPLASMS W/ CC
011 NERVOUS SYSTEM NEOPLASMS W/ CC
012 DEGENERATIVE NERVOUS SYSTEM DISORDERS
013 MULTIPLE SCLEROSIS AND CEREBELLAR ATAXIA
014 SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TRANSIENT ISCHEMIC ATTACK
015 TRANSIENT ISCHEMIC ATTACK AND PRECEREBRAL OCCLUSIONS
016 NONSPECIFIC CEREBROVASCULAR DISORDERS W/ CC
017 NONSPECIFIC CEREBROVASCULAR DISORDERS W/O CC
018 CRANIAL AND PERIPHERAL NERVE DISORDERS W/ CC
019 CRANIAL AND PERIPHERAL NERVE DISORDERS W/O CC
020 NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITIS
021 VIRAL MENINGITIS
022 HYPERTENSIVE ENCEPHALOPATHY
023 NONTRAUMATIC STUPOR AND COMA
024 SEIZURE AND HEADACHE, AGE GREATER THAN 17 W/ CC
025 SEIZURE AND HEADACHE, AGE GREATER THAN 17 W/O CC
026 SEIZURE AND HEADACHE, AGE 0-17
027 TRAUMATIC STUPOR AND COMA, COMA GREATER THAN ONE HOUR
028 TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE GREATER THAN 17 W/ CC
029 TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE GREATER THAN 17 W/O CC
030 TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE 0-17
031 CONCUSSION, AGE GREATER THAN 17 W/ CC
032 CONCUSSION, AGE GREATER THAN 17 W/O CC
033 CONCUSSION, AGE 0-17
034 OTHER DISORDERS OF NERVOUS SYSTEM W/ CC
035 OTHER DISORDERS OF NERVOUS SYSTEM W/O CC
043 HYPHEMA
044 ACUTE MAJOR EYE INFECTIONS
045 NEUROLOGICAL EYE DISORDERS
046 OTHER DISORDERS OF THE EYE, AGE GREATER THAN 17 W/ CC
047 OTHER DISORDER OF THE EYE, AGE GREATER THAN 17 W/O CC
048 OTHER DISORDERS OF THE EYE, AGE 0-17
064 EAR, NOSE, MOUTH AND THROAT MALIGNANCY
065 DISEQUILIBRIA
066 EPISTAXIS
067 EPIGLOTTITIS
068 OTITIS MEDIA AND URI, AGE GREATER THAN 17 W/ CC

069 OTITIS MEDIA AND URI, AGE GREATER THAN 17 W/O CC
070 OTITIS MEDIA AND URI, AGE 0-17
071 LARYNGOTRACHEITIS
072 NASAL TRAUMA AND DEFORMITY
073 OTHER EAR, NOSE, MOUTH AND THROAT DIAGNOSES, AGE GREATER THAN 17
074 OTHER EAR, NOSE, MOUTH AND THROAT DIAGNOSES, AGE 0-17
078 PULMONARY EMBOLISM
079 RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE GREATER THAN 17 W/ CC
080 RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE GREATER THAN 17 W/O CC
081 RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE 0-17
082 RESPIRATORY NEOPLASMS
083 MAJOR CHEST TRAUMA W/ CC
084 MAJOR CHEST TRAUMA W/O CC
085 PLEURAL EFFUSION W/ CC
086 PLEURAL EFFUSION W/O CC
087 PULMONARY EDEMA AND RESPIRATORY FAILURE
088 CHRONIC OBSTRUCTIVE PULMONARY DISEASE
089 SIMPLE PNEUMONIA AND PLEURISY, AGE GREATER THAN 17 W/ CC
090 SIMPLE PNEUMONIA AND PLEURISY, AGE GREATER THAN 17 W/O CC
091 SIMPLE PNEUMONIA AND PLEURISY, AGE 0-17
092 INTERSTITIAL LUNG DISEASE W/ CC
093 INTERSTITIAL LUNG DISEASE W/O CC
094 PNEUMOTHORAX W/ CC
095 PNEUMOTHORAX W/O CC
096 BRONCHITIS AND ASTHMA, AGE GREATER THAN 17 W/ CC
097 BRONCHITIS AND ASTHMA, AGE GREATER THAN 17 W/O CC
098 BRONCHITIS AND ASTHMA, AGE 0-17
099 RESPIRATORY SIGNS AND SYMPTOMS W/ CC
100 RESPIRATORY SIGNS AND SYMPTOMS W/O CC
101 OTHER RESPIRATORY SYSTEM DIAGNOSES W/ CC
102 OTHER RESPIRATORY SYSTEM DIAGNOSES W/O CC
121 CIRCULATORY DISORDERS W/ ACUTE MYOCARDIAL INFARCTION AND MAJOR COMPLICATION, DISCHARGED ALIVE
122 CIRCULATORY DISORDERS W/ ACUTE MYOCARDIAL INFARCTION W/O MAJOR COMPLICATION, DISCHARGED ALIVE
123 CIRCULATORY DISORDERS W/ ACUTE MYOCARDIAL INFARCTION, EXPIRED
124 CIRCULATORY DISORDERS EXCEPT ACUTE MYOCARDIAL INFARCTION W/ CARDIAC CATHETERIZATION AND COMPLEX DIAGNOSIS
125 CIRCULATORY DISORDERS EXCEPT ACUTE MYOCARDIAL INFARCTION W/ CARDIAC CATHETERIZATION W/O COMPLEX DIAGNOSIS
126 ACUTE AND SUB ACUTE ENDOCARDITIS
127 HEART FAILURE AND SHOCK
128 DEEP VEIN THROMBOPHLEBITIS
129 CARDIAC ARREST, UNEXPLAINED
130 PERIPHERAL VASCULAR DISORDERS W/ CC
131 PERIPHERAL VASCULAR DISORDERS W/O CC
132 ATHEROSCLEROSIS W/ CC
133 ATHEROSCLEROSIS W/O CC
134 HYPERTENSION
135 CARDIAC CONGENITAL AND VALVULAR DISORDERS, AGE GREATER THAN 17 W/ CC
136 CARDIAC CONGENITAL AND VALVULAR DISORDERS, AGE GREATER THAN 17 W/O CC
137 CARDIAC CONGENITAL AND VALVULAR DISORDERS, AGE 0 - 17
138 CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS W/ CC
139 CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS W/O CC
140 ANGINA PECTORIS
141 SYNCOPE AND COLLAPSE W/ CC
142 SYNCOPE AND COLLAPSE W/O CC
143 CHEST PAIN
144 OTHER CIRCULATORY SYSTEM DIAGNOSES W/ CC
145 OTHER CIRCULATORY SYSTEM DIAGNOSES W/O CC
172 DIGESTIVE MALIGNANCY W/ CC
173 DIGESTIVE MALIGNANCY W/O CC
174 GI HEMORRHAGE W/ CC
175 GI HEMORRHAGE W/O CC
176 COMPLICATED PEPTIC ULCER
177 UNCOMPLICATED PEPTIC ULCER W/ CC
178 UNCOMPLICATED PEPTIC ULCER W/O CC
179 INFLAMMATORY BOWEL DISEASE
180 GI OBSTRUCTION W/ CC
181 GI OBSTRUCTION W/O CC
182 ESOPHAGITIS, GASTROENTERITIS AND MISCELLANEOUS DIGESTIVE DISORDERS, AGE GREATER THAN 17 W/ CC
183 ESOPHAGITIS, GASTROENTERITIS AND MISCELLANEOUS DIGESTIVE DISORDERS, AGE GREATER THAN 17 W/O CC
184 ESOPHAGITIS, GASTROENTERITIS AND MISCELLANESOU DIGESTIVE DISORDERS, AGE 0-17
185 DENTAL AND ORAL DISEASES EXCEPT EXTRACTIONS AND RESTORATIONS, AGE GREATER THAN 17
186 DENTAL AND ORAL DISEASED EXCEPT EXTRACTIONS AND RESTORATIONS, AGE 0-17

187 DENTAL EXTRACTIONS AND RESTORATIONS
188 OTHER DIGESTIVE SYSTEM DIAGNOSES, AGE GREATER THAN 17 W/ CC
189 OTHER DIGESTIVE SYSTEM DIAGNOSES, AGE GREATER THAN 17 W/O CC
190 OTHER DIGESTIVE SYSTEM DIAGNOSES, AGE 0-17
202 CIRRHOSIS AND ALCOHOLIC HEPATITIS
203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS
204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY
205 DISORDERS OF LIVER EXCEPT MALIGNANCY, CIRRHOSIS AND ALCOHOLIC HEPATITIS W/ CC
206 DISORDERS OF LIVER EXCEPT MALIGNANCY, CIRRHOSIS AND ALCOHOLIC HEPATITIS W/O CC
207 DISORDERS OF THE BILIARY TRACT W/ CC
208 DISORDERS OF THE BILIARY TRACT W/O CC
235 FRACTURES OF FEMUR
236 FRACTURES OF HIP AND PELVIS
237 SPRAINS, STRAINS AND DISLOCATIONS OF HIP, PELVIS AND THIGH
238 OSTEOMYELITIS
239 PATHOLOGICAL FRACTURES AND MUSCULOSKELETAL AND CONNECTIVE TISSUE MALIGNANCY
240 CONNECTIVE TISSUE DISORDERS W/ CC
241 CONNECTIVE TISSUE DISORDERS W/O CC
242 SEPTIC ARTHRITIS
243 MEDICAL BACK PROBLEMS
244 BONE DISEASES AND SPECIFIC ARTHROPATHIES W/ CC
245 BONE DISEASES AND SPECIFIC ARTHROPATHIES W/O CC
246 NONSPECIFIC ARTHROPATHIES
247 SIGNS AND SYMPTOMS OF MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE
248 TENDONITIS, MYOSITIS AND BURSITIS
249 AFTERCARE, MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE
250 FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF FOREARM, HAND AND FOOT, AGE GREATER THAN 17 W/ CC
251 FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF FOREARM, HAND AND FOOT, AGE GREATER THAN 17 W/O CC
252 FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF FOREARM, HAND AND FOOT, AGE 0-17
253 FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF UPPER ARM AND LOWER LEG EXCEPT FOOT, AGE GREATER THAN 17 W/ CC
254 FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF UPPER ARM AND LOWER LEG EXCEPT FOOT, AGE GREATER THAN 17 W/O CC
255 FRACTURES, SPRAINS, STRAINS AND DISLOCATIONS OF UPPER ARM AND LOWER LEG EXCEPT FOOT, AGE 0-17
256 OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE DIAGNOSES
271 SKIN ULCERS
272 MAJOR SKIN DISORDERS W/ CC
273 MAJOR SKIN DISORDERS W/O CC
274 MALIGNANT BREAST DISORDERS W/ CC
275 MALIGNANT BREAST DISORDERS W/O CC
276 NONMALIGNANT BREAST DISORDERS
277 CELLULITIS, AGE GREATER THAN 17 W/ CC
278 CELLULTIIS, AGE GREATER THAN 17 W/O CC
279 CELLULITIS, AGE 0-17
280 TRAUMA TO SKIN, SUBCUTANEOUS TISSUE AND BREAST, AGE GREATER THAN 17 W/ CC
281 TRAUMA TO SKIN, SUBCUTANEOUS TISSUE AND BREAST, AGE GREATER THAN 17 W/O CC
282 TRAUMA TO SKIN, SUBCUTANEOUS TISSUE AND BREAST, AGE 0-17
283 MINOR SKIN DISORDERS W/ CC
284 MINOR SKIN DISORDERS W/O CC
294 DIABETES, AGE GREATER THAN 35
295 DIABETES, AGE 0-35
296 NUTRITIONAL AND MISCELLANEOUS METABOLIC DISORDERS, AGE GREATER THAN 17 W/ CC
297 NUTRITIONAL AND MISCELLANEOUS METABOLIC DISORDERS, AGE GREATER THAN 17 W/O CC
298 NUTRITIONAL AND MISCELLANEOUS METABOLIC DISORDERS, AGE 0-17
299 INBORN ERRORS OF METABOLISM
300 ENDOCRINE DISORDERS W/ CC
301 ENDOCRINE DISORDERS W/O CC
316 RENAL FAILURE
317 ADMISSION FOR RENAL DIALYSIS
318 KIDNEY AND URINARY TRACT NEOPLASMS W/ CC
319 KIDNEY AND URINARY TRACT NEOPLASMS W/O CC
320 KIDNEY AND URINARY TRACT INFECTIONS, AGE GREATER THAN 17 W/ CC
321 KIDNEY AND URINARY TRACT INFECTIONS, AGE GREATER THAN 17 W/O CC
322 KIDNEY AND URINARY TRACT INFECTION, AGE 0-17
323 URINARY STONES W/ CC AND/ OR ESW LITHOTRIPSY
324 URINARY STONES W/O CC

325	KIDNEY AND URINARY TRACT SIGNS AND SYMPTOMS, AGE GREATER THAN 17 W/ CC
326	KIDNEY AND URINARY TRACT SIGNS AND SYMPTOMS, AGE GREATER THAN 17 W/O CC
327	KIDNEY AND URINARY TRACT SIGNS AND SYMPTOMS, AGE 0-17
328	URETHRAL STRICTURE, AGE GREATER THAN 17 W/ CC
329	URETHRAL STRICTURE, AGE GREATER THAN 17 W/O CC
330	URETHRAL STRICTURE, AGE AGE 0-17
331	OTHER KIDNEY AND URINARY TRACT DIAGNOSES, AGE GREATER THAN 17 W/ CC
332	OTHER KIDNEY AND URINARY TRACT DIAGNOSES, AGE GREATER THAN 17 W/O CC
333	OTHER KIDNEY AND URINARY TRACT DIAGNOSES, AGE 0-17
346	MALIGNANCY OF MALE REPRODUCTIVE SYSTEM W/ CC
347	MALIGNANCY OF MALE REPRODUCTIVE SYSTEM W/O CC
348	BENIGN PROSTATIC HYPERTROPHY W/ CC
349	BENIGN PROSTATIC HYPERTROPHY W/O CC
350	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM
351	STERILIZATION, MALE
352	OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES
366	MALIGNANCY OF FEMALE REPRODUCTIVE SYSTEM W/ CC
367	MALIGNANCY OF FEMALE REPRODUCTIVE SYSTEM W/O CC
368	INFECTIONS OF FEMALE REPRODUCTIVE SYSTEM
369	MENSTRUAL AND OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS
372	VAGINAL DELIVERY W/ COMPLICATING DIAGNOSES
373	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES
376	POSTPARTUM AND POSTABORTION DIAGNOSES W/O OR PROCEDURE
378	ENTOPIC PREGNANCY
379	THREATENED ABORTION
380	ABORTION W/O D AND G
382	FALSE LABOR
383	OTHER ANTEPARTUM DIAGNOSES W/ MEDICAL COMPLICATIONS
384	OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS
395	RED BLOOD CELL DISORDERS, AGE GREATER THAN 17
396	RED BLOOD CELL DISORDERS, AGE 0-17
397	COAGULATION DISORDERS
398	RETICULOENDOTHELIAL AND IMMUNITY DISORDERS W/ CC
399	RETICULOENDOTHELIAL AND IMMUNITY DISORDERS W/O CC
403	LYMPHOMA AND NONACUTE LEUKEMIA W/ CC
404	LYMPHOMA AND NONACUTE LEUKEMIA W/O CC
405	ACUTE LEUKEMIA W/O MAJOR OR PROCEDURE, AGE 0-17
409	RADIOTHERAPY
410	CHEMOTHERAPY W/O ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS
411	HISTORY OF MALIGNANCY W/O ENDOSCOPY
412	HISTORY OF MALIGNANCY W/ ENDOSCOPY
413	OTHER MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASM DIAGNOSES W/ CC
414	OTHER MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASM DIAGNOSES W/O CC
416	SEPTICEMIA, AGE GREATER THAN 17
417	SEPTICEMIA, AGE 0-17
418	POSTOPERATIVE AND POSTTRAUMATIC INFECTIONS
419	FEVER OF UNKNOWN ORIGIN, AGE GREATER THAN 17 W/ CC
420	FEVER OF UNKNOWN ORIGIN, AGE GREATER THAN 17 W/O CC
421	VIRAL ILLNESS, AGE GREATER THAN 17
422	VIRAL ILLNESS AND FEVER OF UNKNOWN ORIGIN, AGE 0-17
423	OTHER INFECTIOUS AND PARASITIC DISEASES DIAGNOSES
425	ACUTE ADJUSTMENT REACTIONS AND DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION
426	DEPRESSIVE NEUROSES
427	NEUROSES EXCEPT DEPRESSIVE
428	DISORDERS OF PERSONALITY AND IMPULSE CONTROL
429	ORGANIC DISTURBANCES AND MENTAL RETARDATION
430	PSYCHOSES
431	CHILDHOOD MENTAL DISORDERS
432	OTHER MENTAL DISORDER DIAGNOSES
433	ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AGAINST MEDICAL ADVICE
434*	ALCOHOL/DRUG ABUSE OR DEPENDENCE, DETOXIFICATION OR OTHER SYMPTOMATIC TREATMENT W/ CC
435*	ALCOHOL/DRUG ABUSE OR DEPENDENCE, DETOXIFICATION OR OTHER SYMPTOMATIC TREATMENT W/O CC
436*	ALCOHOL/DRUG DEPENDENCE W/ REHABILITATION THERAPY

437* ALCOHOL DRUG DEPENDENCE W/ COMBINED REHABILITATION AND DETOXIFICATION THERAPY
444 TRAUMATIC INJURY, AGE GREATER THAN 17 W/ CC
445 TRAUMATIC INJURY, AGE GREATER THAN 17 W/O CC
446 TRAUMATIC INJURY, AGE 0-17
447 ALLERGIC REACTIONS, AGE GREATER THAN 17
448 ALLERGIC REACTIONS, AGE 0-17
449 POISONING AND TOXIC EFFECTS OF DRUGS, AGE GREATER THAN 17 W/ CC
450 POISONING AND TOXIC EFFECTS OF DRUGS, AGE GREATER THAN 17 W/O CC
451 POISONING AND TOXIC EFFECTS OF DRUGS, AGE 0-17
452 COMPLICATIONS OF TREATMENT W/ CC
453 COMPLICATIONS OF TREATMENT W/O CC
454 OTHER INJURY, POISONING AND TOXIC EFFECT DIAGNOSES W/ CC
455 OTHER INJURY, POISONING AND TOXIC EFFECT DIAGNOSES W/O CC
456* BURNS, TRANSFERRED TO ANOTHER ACUTE CARE FACILITY
457* EXTENSIVE BURNS W/O O.R. PROCEDURE
460* NON-EXTENSIVE BURNS W/O O.R. PROCEDURE
462 REHABILITATION
463 SIGNS AND SYMPTOMS W/ CC
464 SIGNS AND SYMPTOMS W/O CC
465 AFTERCARE W/ HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS
466 AFTERCARE W/O HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS
467 OTHER FACTORS INFLUENCING HEALTH STATUS
473 ACUTE LEUKEMIA W/O MAJOR OR PROCEDURE, AGE GREATER THAN 17
475 RESPIRATORY SYSTEM DIAGNOSIS W/ VENTILATOR SUPPORT
487 OTHER MULTIPLE SIGNIFICANT TRAUMA
489 HIV W/ MAJOR RELATED CONDITION
490 HIV W/ OR W/O OTHER RELATED CONDITION
492 CHEMOTHERAPY W/ ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS
505 EXTENSIVE 3RD DEGREE BURNS W/O SKIN GRAFT
508 FULL THICKNESS BURN W/O SKIN GRFT OR INHAL INJ W CC OR SIG TRAUMA
509 FULL THICKNESS BURN W/O SKIN GRFT OR INH INJ W/O CC OR SIG TRAUMA
510 NON-EXTENSIVE BURNS W CC OR SIGNIFICANT TRAUMA
511 NON-EXTENSIVE BURNS W/O CC OR SIGNIFICANT TRAUMA
521 ALCOHOL/DRUG ABUSE OR DEPENDENCE W CC
522 ALC/DRUG ABUSE OR DEPEND W REHABILITATION THERAPY W/O CC
523 ALC/DRUG ABUSE OR DEPEND W/O REHABILITATION THERAPY W/O CC
524 TRANSIENT ISCHEMIA
559 ACUTE ISCHEMIC STROKE WITH USE OF THROMBOLYTIC AGENT OCT05-
560 BACTERIAL & TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM OCT06-
561 NON-BACTERIAL INFECTIONS OF NERVOUS SYSTEM EXCEPT VIRAL MENINGITIS OCT06-
562 SEIZURE AGE > 17 W CC OCT06-
563 SEIZURE AGE > 17 W/O CC OCT06-
564 HEADACHES AGE >17 OCT06-
565 RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT 96+ HOURS OCT06-
566 RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT < 96 HOURS OCT06-
571 MAJOR ESOPHAGEAL DISORDERS OCT06-
572 MAJOR GASTROINTESTINAL DISORDERS AND PERITONEAL INFECTIONS OCT06-
574 MAJOR HEMATOLOGIC/IMMUNOLOGIC DIAG EXC SICKLE CELL CRISIS & COAGUL OCT06-
575 SEPTICEMIA W MV96+ HOURS AGE >17 OCT06-
576 SEPTICEMIA W/O MV96+ HOURS AGE >17 OCT06-

* No longer valid in FY2005

Appendix G: Hemorrhage Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
Failure to Rescue (PSI 4) - Page 9	FTR 1 Denominator exclusion - Page 10 FTR 5 Denominator exclusion - Page 14
Postoperative Physiologic and Metabolic Derangement (PSI 10) - Page 29	Denominator exclusion - Page 30

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the hemorrhage diagnosis codes are referenced within the PSI detailed definition.

ICD-9-CM Hemorrhage diagnosis codes:

2851 ACUTE POSTHEMORRHAGIC ANEMIA
4590 OTHER DISORDERS OF CIRCULATORY SYSTEM, HEMORRHAGE, UNSPECIFIED
9582 CERTAIN EARLY COMPLICATIONS OF TRAUMA, SECONDARY AND RECURRENT HEMORRHAGE
99811 HEMORRHAGE COMPLICATING A PROCEDURE

Appendix H: Shock Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
Failure to Rescue (PSI 4) - Page 9	FTR 1 Denominator exclusion - Page 14
Postoperative Physiologic and Metabolic Derangement (PSI 10) - Page 29	Denominator exclusion - Page 30

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the shock diagnosis codes are referenced within the PSI detailed definition.

ICD-9-CM Shock diagnosis codes:

63450 SPONTANEOUS ABORTION W/ SHOCK - UNSPECIFIED
63451 SPONTANEOUS ABORTION W/ SHOCK - INCOMPLETE
63452 SPONTANEOUS ABORTION W/ SHOCK - COMPLETE
63550 LEGAL ABORTION W/ SHOCK - UNSPECIFIED
63551 LEGAL ABORTION W/ SHOCK - INCOMPLETE
63552 LEGAL ABORTION W/ SHOCK - COMPLETE
63650 ILLEGAL ABORTION W/ SHOCK - UNSPECIFIED
63651 ILLEGAL ABORTION W/ SHOCK - INCOMPLETE
63652 ILLEGAL ABORTION W/ SHOCK - COMPLETE
63750 ABORTION NOS W/ SHOCK - UNSPECIFIED
63751 ABORTION NOS W/ SHOCK - INCOMPLETE
63752 ABORTION NOS W/ SHOCK - COMPLETE
6385 ATTEMPTED ABORTION W/ SHOCK
6395 COMPLICATIONS FOLLOWING ABORTION AND ECTOPIC AND MOLAR PREGNANCIES, SHOCK
66910 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE
66911 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY, DELIVERED W/ OR W/O MENTION OF ANTEPARTUM CONDITION
66912 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY, DELIVERED W/ MENTION OF POSTPARTUM COMPLICATION
66913 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY, ANTEPARTUM CONDITION OR COMPLICATION
66914 SHOCK DURING OR FOLLOWING LABOR AND DELIVERY, POSTPARTUM CONDITION OR COMPLICATION
7855 SHOCK W/O MENTION OF TRAUMA
78550 SHOCK, UNSPECIFIED
78551 CARDIOGENIC SHOCK
78552 SEPTIC SHOCK OCT03-
78559 SHOCK W/O MENTION OF TRAUMA, OTHER
9950 OTHER ANAPHYLACTIC SHOCK
9954 SHOCK DUE TO ANESTHESIA
9980 POSTOPERATIVE SHOCK
9994 ANAPHYLACTIC SHOCK, DUE TO SERUM

Appendix I: ICD-9-CM Gastrointestinal (GI) Hemorrhage Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
Failure to Rescue (PSI 4) - Page 3	FTR 1 Denominator exclusion - Page 10 FTR 5 Denominator exclusion - Page 14
Postoperative Physiologic and Metabolic Derangement (PSI 10) - Page 29	Denominator exclusion - Page 30

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the GI hemorrhage diagnosis codes are referenced within the PSI detailed definition.

ICD-9-CM Gastrointestinal (GI) Hemorrhage diagnosis codes:

4560 ESOPHAGEAL VARICES W/ BLEEDING
45620 ESOPHAGEAL VARICES IN DISEASES CLASSIFIED ELSEWHERE W/ BLEEDING
5307 GASTROESOPHAGEAL LACERATION – HEMORRHAGE SYNDROME
53082 ESOPHAGEAL HEMORRHAGE
53100 GASTRIC ULCER ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
53101 GASTRIC ULCER ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION
53120 GASTRIC ULCER ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
53121 GASTRIC ULCER ACUTE W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
53140 GASTRIC ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
53141 GASTRIC ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/ OBSTRUCTION
53160 GASTRIC ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
53161 GASTRIC ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
53200 DUODENAL ULCER ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
53201 DUODENAL ULCER ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION
53220 DUODENAL ULCER ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
53221 DUODENAL ULCER ACUTE W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
53240 DUODENAL ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
53241 DUODENAL ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/ OBSTRUCTION
53260 DUODENAL ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
53261 DUODENAL ULCER CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
53300 PEPTIC ULCER, SITE UNSPECIFIED, ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
53301 PEPTIC ULCER, SITE UNSPECIFIED, ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION
53320 PEPTIC ULCER, SITE UNSPECIFIED, ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
53321 PEPTIC ULCER, SITE UNSPECIFIED, ACUTE W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
53340 PEPTIC ULCER, SITE UNSPECIFIED, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
53341 PEPTIC ULCER, SITE UNSPECIFIED, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/ OBSTRUCTION
53360 PEPTIC ULCER, SITE UNSPECIFIED, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION

53361 PEPTIC ULCER, SITE UNSPECIFIED, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
53400 GASTROJEJUNAL ULCER, ACUTE W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
53401 GASTROJEJUNAL ULCER, ACUTE W/ HEMORRHAGE – W/ OBSTRUCTION
53420 GASTROJEJUNAL ULCER, ACUTE W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
53421 GASTROJEJUNAL ULCER, ACUTE W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
53440 GASTROJEJUNAL ULCER, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/O MENTION OF OBSTRUCTION
53441 GASTROJEJUNAL ULCER, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE – W/ OBSTRUCTION
53460 GASTROJEJUNAL ULCER, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/O MENTION OF OBSTRUCTION
53461 GASTROJEJUNAL ULCER, CHRONIC OR UNSPECIFIED W/ HEMORRHAGE AND PERFORATION – W/ OBSTRUCTION
53501 GASTRITIS AND DUODENITIS, ACUTE GASTRITIS W/ HEMORRHAGE
53511 GASTRITIS AND DUODENITIS, ATROPHIC GASTRITIS W/ HEMORRHAGE
53521 GASTRITIS AND DUODENITIS, GASTRIC MUCOSAL HYPERTROPHY, W/ HEMORRHAGE
53531 GASTRITIS AND DUODENITIS, ALCOHOLIC GASTRITIS, W/ HEMORRHAGE
53541 GASTRITIS AND DUODENITIS, OTHER SPECIFIED GASTRITIS – W/ HEMORRHAGE
53551 GASTRITIS AND DUODENITIS, UNSPECIFIED GASTRITIS AND GASTRODUODENITIS – W/ HEMORRHAGE
53561 GASTRITIS AND DUODENITIS, DUODENITIS – W/ HEMORRHAGE
53783 OTHER SPECIFIED DISORDERS OF STOMACH AND DUODENUM, ANGIODYSPLASIA OF STOMACH AND DUODENUM – W/ HEMORRHAGE
53784 DIEULAFOY LESION (HEMORRHAGIC) OF STOMACH AND DUODENUM
56202 DIVERTICULOSIS OF SMALL INTESTINE – W/ HEMORRHAGE
56203 DIVERTICULITIS OF SMALL INTESTINE – W/ HEMORRHAGE
56212 DIVERTICULOSIS OF COLON – W/ HEMORRHAGE
56213 DIVERTICULITIS OF COLON – W/ HEMORRHAGE
5693 HEMORRHAGE OF RECTUM AND ANUS
56985 ANGIODYSPLASIA OF INTESTINE - W/ HEMORRHAGE
56986 DIEULAFOY LESION (HEMORRHAGIC) OF INTESTINE
5780 GASTROINTESTINAL HEMORRHAGE, HEMATEMESIS
5781 GASTROINTESTINAL HEMORRHAGE, BLOOD IN STOOL
5789 GASTROINTESTINAL HEMORRHAGE, HEMORRHAGE OF GASTROINTESTINAL TRACT, UNSPECIFIED

Appendix J: Trauma DRGs

These codes are used by the following PSIs:

PSI	How Used
Failure to Rescue (PSI 4) - Page 9	FTR 1 Denominator exclusion - FTR 5 Denominator exclusion FTR 6 Denominator exclusion
Iatrogenic Pneumothorax, Secondary Diagnosis Field (PSI 6 and 22) - Page 18	Denominator exclusion

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the trauma DRGs are referenced within the PSI detailed definition.

002	CRANIOTOMY FOR TRAUMA, AGE GREATER THAN 17
027	TRAUMATIC STUPOR AND COMA, COMA GREATER THAN ONE HOUR
028	TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE GREATER THAN 17 W/ CC
029	TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE GREATER THAN 17 W/O CC
030	TRAUMATIC STUPOR AND COMA, COMA LESS THAN ONE HOUR, AGE 0-17
031	CONCUSSION, AGE GREATER THAN 17 W/ CC
032	CONCUSSION, AGE GREATER THAN 17 W/O CC
033	CONCUSSION, AGE 0-17
072	NASAL TRAUMA AND DEFORMITY
083	MAJOR CHEST TRAUMA W/ CC
084	MAJOR CHEST TRAUMA W/O CC
235	FRACTURES OF FEMUR
236	FRACTURE OF HIP AND PELVIS
237	SPRAINS, STRAINS AND DISLOCATIONS OF HIP, PELVIS AND THIGH
440	WOUND DEBRIDEMENTS FOR INJURIES
441	HAND PROCEDURES FOR INJURIES
442	OTHER OR PROCEDURES FOR INJURIES W/ CC
443	OTHER OR PROCEDURES FOR INJURIES W/O CC
444	TRAUMATIC INJURY, AGE GREATER THAN 17 W/ CC
445	TRAUMATIC INJURY, AGE GREATER THAN 17 W/O CC
446	TRAUMATIC INJURY, AGE 0-17
456*	BURNS, TRANSFERRED TO ANOTHER ACUTE CARE FACILITY
457*	EXTENSIVE BURNS W/O O.R. PROCEDURE
458*	NON-EXTENSIVE BURNS W SKIN GRAFT
459*	NON-EXTENSIVE BURNS W WOUND DEBRIDEMENT OR OTHER O.R. PROC
460*	NON-EXTENSIVE BURNS W/O O.R. PROCEDURE
484	CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA
485	LIMB REATTACHMENT, HIP AND FEMUR PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA
486	OTHER OR PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA
487	OTHER MULTIPLE SIGNIFICANT TRAUMAS
491	MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES OF UPPER EXTREMITY
504	TOTAL HEPATECTOMY
505	EXTENSIVE 3RD DEGREE BURNS W/O SKIN GRAFT
506	FULL THICKNESS BURN W/ SKIN GRAFT OR INHALATION INJURY W/ CC OR SIGNIFICANT TRAUMA
507	FULL THICKNESS BURN W/ SKIN GRAFT OR INHALATION INJURY W/O CC OR SIGNIFICANT TRAUMA
508	FULL THICKNESS BURN W/O SKIN GRAFT OR INHALATION INJURY W/ CC OR SIGNIFICANT TRAUMA
509	FULL THICKNESS BURN W/O SKIN GRAFT OR INHALATION INJURY W/O CC OR SIGNIFICANT TRAUMA
510	NON-EXTENSIVE BURNS W/ CC OR SIGNIFICANT TRAUMA
511	NON-EXTENSIVE BURNS W/O CC OR SIGNIFICANT TRAUMA

* No longer valid in FY 2005

Appendix K: Pulmonary Embolism/Deep Vein Thrombosis Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
Failure to Rescue (PSI 4) - Page 9	FTR 2 Numerator inclusion, unless primary diagnosis - Page 10
Postoperative Pulmonary Embolism or Deep Vein Thrombosis (PSI 12) - Page 33	Numerator inclusion - Page 33

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the PE/DVT codes are referenced within the PSI detailed definition.

ICD-9-CM Pulmonary Embolism diagnosis codes:

4151 PULMONARY EMBOLISM AND INFARCTION
41511 IATROGENIC PULMONARY EMBOLISM AND INFARCTION
41519 PULMONARY EMBOLISM AND INFARCTION, OTHER

ICD-9-CM Deep Vein Thrombosis diagnosis codes:

45111 PHLEBITIS AND THROMBOSIS OF FEMORAL VEIN (DEEP) (SUPERFICIAL)
45119 PHLEBITIS AND THROMBOPHLEBITIS OF DEEP VESSEL OF LOWER EXTREMITIES – OTHER
4512 PHLEBITIS AND THROMBOPHLEBITIS OF LOWER EXTREMITIES UNSPECIFIED
45181 PHLEBITIS AND THROMBOPHLEBITIS OF ILIAC VEIN
4519 PHLEBITIS AND THROMBOPHLEBITIS OF OTHER SITES - OF UNSPECIFIED SITE
45340 DVT-EMBLSM LOWER EXT NOS (OCT 04)
45341 DVT-EMB PROX LOWER EXT (OCT 04)
45342 DVT-EMB DISTAL LOWER EXT (OCT 04)
4538 OTHER VENOUS EMBOLISM AND THROMBOSIS OF OTHER SPECIFIED VEINS
4539 OTHER VENOUS EMBOLISM AND THROMBOSIS OF UNSPECIFIED SITE

Appendix L: Self-Inflicted Injury Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
Complications of Anesthesia (PSI 1) - Page 3	Denominator exclusion - Page 3
Postoperative Hip Fracture (PSI 8) - Page 24	Denominator exclusion - Page 24

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the self-inflicted injury diagnosis codes are referenced within the PSI detailed definition.

ICD-9-CM Self-Inflicted Injury diagnosis codes:

Suicide and self-inflicted poisoning by solid or liquid substance:

E9500 ANALGESICS, ANTIPYRETICS, AND ANTIRHEUMATICS
E9501 BARBITURATES
E9502 OTHER SEDATIVE AND HYPNOTICS
E9503 TRANQUILIZERS AND OTHER PSYCHOTROPIC AGENTS
E9504 OTHER SPECIFIED DRUGS AND MEDICINAL SUBSTANCES
E9505 UNSPECIFIED DRUG OR MEDICINAL SUBSTANCE
E9506 AGRICULTURAL AND HORTICULTURAL CHEMICAL AND PHARMACEUTICAL PREPARATIONS OTHER THAN PLANT FOODS AND FERTILIZERS
E9507 CORROSIVE AND CAUSTIC SUBSTANCES
E9508 ARSENIC AND ITS COMPOUNDS
E9509 OTHER AND UNSPECIFIED SOLID AND LIQUID SUBSTANCES

Suicide and self-inflicted poisoning by gases in domestic use:

E9510 GAS DISTRIBUTED BY PIPELINE
E9511 LIQUEFIED PETROLEUM GAS DISTRIBUTED IN MOBILE CONTAINERS
E9518 OTHER UTILITY GASES

Suicide and self-inflicted poisoning by other gases and vapors:

E9520 MOTOR VEHICLE EXHAUST GAS
E9521 OTHER CARBON MONOXIDE
E9528 OTHER SPECIFIED GASES AND VAPORS
E9529 UNSPECIFIED GASES AND VAPORS

Suicide and self-inflicted injury by hanging, strangulation, and suffocation:

E9530 HANGING
E9531 SUFFOCATION BY PLASTIC BAG
E9538 OTHER SPECIFIED MEANS
E954 SUICIDE AND SELF-INFLICTED INJURY BY SUBMERSION [DROWNING]

Suicide and self-inflicted injury by firearms and explosives:

E9550 HANDGUN
E9551 SHOTGUN
E9552 HUNTING RIFLE
E9553 MILITARY FIREARMS
E9554 OTHER AND UNSPECIFIED FIREARMS
E9555 EXPLOSIVES

E9559 UNSPECIFIED
E956 SUICIDE AND SELF INFLICTED INJURY BY CUTTING AND PIERCING INSTRUMENT

Suicide and self-inflicted injury by jumping from a high place:

E9570 RESIDENTIAL PREMISES
E9571 OTHER MAN-MADE STRUCTURES
E9572 NATURAL SITES
E9579 UNSPECIFIED

Suicide and self-inflicted injury by other and unspecified means:

E9580 JUMPING OR LYING BEFORE MOVING OBJECT
E9581 BURNS, FIRE
E9582 SCALD
E9583 EXTREMES OF COLD
E9584 ELECTROCUTION
E9585 CRASHING OF MOTOR VEHICLE
E9586 CRASHING OF AIRCRAFT
E9587 CAUSTIC SUBSTANCES EXCEPT POISONING
E9588 OTHER SPECIFIED MEANS
E9589 UNSPECIFIED MEANS

Appendix M: Acute Myocardial Infarction (AMI) Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
Failure to Rescue (PSI 4) - Page 9	FTR 1 Denominator exclusion - Page 10
Postoperative Physiologic and Metabolic Derangement (PSI 10) - Page 29	Denominator exclusion - Page 30

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the AMI diagnosis codes are referenced within the PSI detailed definition.

ICD-9-CM Acute Myocardial Infarction diagnosis codes:

41000 AMI OF ANTEROLATERAL WALL – EPISODE OF CARE UNSPECIFIED
41001 AMI OF ANTEROLATERAL WALL – INITIAL EPISODE OF CARE
41010 AMI OF OTHER ANTERIOR WALL – EPISODE OF CARE UNSPECIFIED
41011 AMI OF OTHER ANTERIOR WALL – INITIAL EPISODE OF CARE
41020 AMI OF INFEROLATERAL WALL – EPISODE OF CARE UNSPECIFIED
41021 AMI OF INFEROLATERAL WALL – INITIAL EPISODE OF CARE
41030 AMI OF INFEROPOSTERIOR WALL – EPISODE OF CARE UNSPECIFIED
41031 AMI OF INFEROPOSTERIOR WALL – INITIAL EPISODE OF CARE
41040 AMI OF INFERIOR WALL – EPISODE OF CARE UNSPECIFIED
41041 AMI OF INFERIOR WALL – INITIAL EPISODE OF CARE
41050 AMI OF OTHER LATERAL WALL – EPISODE OF CARE UNSPECIFIED
41051 AMI OF OTHER LATERAL WALL – INITIAL EPISODE OF CARE
41060 AMI TRUE POSTERIOR WALL INFARCTION – EPISODE OF CARE UNSPECIFIED
41061 AMI TRUE POSTERIOR WALL INFARCTION – INITIAL EPISODE OF CARE
41070 AMI SUBENDOCARDIAL INFARCTION – EPISODE OF CARE UNSPECIFIED
41071 AMI SUBENDOCARDIAL INFARCTION – INITIAL EPISODE OF CARE
41080 AMI OF OTHER SPECIFIED SITES – EPISODE OF CARE UNSPECIFIED
41081 AMI OF OTHER SPECIFIED SITES – INITIAL EPISODE OF CARE
41090 AMI UNSPECIFIED SITE – EPISODE OF CARE UNSPECIFIED
41091 AMI UNSPECIFIED SITE – INITIAL EPISODE OF CARE

Appendix N: Cardiac Arrhythmia Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
Failure to Rescue (PSI 4) - Page 9	FTR 1 Denominator exclusion - Page 10
Postoperative Physiologic and Metabolic Derangement (PSI 10) - Page 29	Denominator exclusion - Page 30

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the cardiac arrhythmia diagnosis codes are referenced within the PSI detailed definition.

ICD-9-CM Cardiac Arrhythmia diagnosis codes:

4260 ATRIOVENTRICULAR BLOCK, COMPLETE
4270 PAROXYSMAL SUPRAVENTRICULAR TACHYCARDIA
4271 PAROXYSMAL VENTRICULAR TACHYCARDIA
4272 PAROXYSMAL TACHYCARDIA, UNSPECIFIED
42731 ATRIAL FIBRILLATION
42732 ATRIAL FLUTTER
42741 VENTRICULAR FIBRILLATION
42742 VENTRICULAR FLUTTER
4279 CARDIAC DYSRHYTHMIA

Appendix O: Sepsis Diagnosis Codes

These codes are used by the following PSIs:

PSI	How Used
Postoperative Sepsis (PSI 13) - Page 33	Numerator inclusion - Page 33 Denominator exclusion - Page 33

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the sepsis diagnosis codes are referenced within the PSI detailed definition.

ICD-9-CM Sepsis diagnosis codes:

0380 STREPTOCOCCAL SEPTICEMIA
0381 STAPHYLOCOCCAL SEPTICEMIA
03810 STAPHYLOCOCCAL SEPTICEMIA, UNSPECIFIED
03811 STAPHYLOCOCCUS AUREUS SEPTICEMIA
03819 OTHER STAPHYLOCOCCAL SEPTICEMIA
0382 PNEUMOCOCCAL SEPTICEMIA (STREPTOCOCCUS PNEUMONIAE SEPTICEMIA)
0383 SEPTICEMIA DUE TO ANAEROBES
78552 SEPTIC SHOCK
78559 OTHER SHOCK W/O MENTION OF TRAUMA
9980 POSTOPERATIVE SHOCK

Septicemia due to:

03840 GRAM-NEGATIVE ORGANISM, UNSPECIFIED
03841 HEMOPHILUS INFLUENZAE
03842 ESCHERICHIA COLI
03843 PSEUDOMONAS
03844 SERRATIA
03849 SEPTICEMIA DUE TO OTHER GRAM-NEGATIVE ORGANISMS
0388 OTHER SPECIFIED SEPTICEMIAS
0389 UNSPECIFIED SEPTICEMIA
99591 SYSTEMIC INFLAMMATORY RESPONSE SYNDROME DUE TO INFECTIOUS PROCESS W/O ORGAN DYSFUNCTION
99592 SYSTEMIC INFLAMMATORY RESPONSE SYNDROME DUE TO INFECTIOUS PROCESS W/ ORGAN DYSFUNCTION

Appendix P: Infection Diagnosis Codes and DRGs

These codes are used by the following PSIs:

PSI	How Used
Failure to Rescue (PSI 4) - Page 9	FTR 4 Denominator exclusion - Page 13
Postoperative Sepsis (PSI 13) - Page 33	Denominator exclusion - Page 33

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the infection diagnosis codes are referenced within the PSI detailed definition.

ICD-9-CM Infection diagnosis codes
:

0010 CHOLERA D/T VIB CHOLERAE OCT05-
0011 CHOLERA D/T VIB EL TOR OCT05-
0019 CHOLERA NOS OCT05-
0020 TYPHOID FEVER OCT05-
0021 PARATYPHOID FEVER A OCT05-
0022 PARATYPHOID FEVER B OCT05-
0023 PARATYPHOID FEVER C OCT05-
0029 PARATYPHOID FEVER NOS OCT05-
0030 SALMONELLA ENTERITIS OCT05-
0031 SALMONELLA SEPTICEMIA OCT05-
00320 LOCAL SALMONELLA INF NOS OCT05-
00321 SALMONELLA MENINGITIS OCT05-
00322 SALMONELLA PNEUMONIA OCT05-
00323 SALMONELLA ARTHRITIS OCT05-
00324 SALMONELLA OSTEOMYELITIS OCT05-
00329 LOCAL SALMONELLA INF NEC OCT05-
0038 SALMONELLA INFECTION NEC OCT05-
0039 SALMONELLA INFECTION NOS OCT05-
0040 SHIGELLA DYSENTERIAE OCT05-
0041 SHIGELLA FLEXNERI OCT05-
0042 SHIGELLA BOYDII OCT05-
0043 SHIGELLA SONNEI OCT05-
0048 SHIGELLA INFECTION NEC OCT05-
0049 SHIGELLOSIS NOS OCT05-
0050 STAPH FOOD POISONING OCT05-
0051 BOTULISM OCT05-
0052 FOOD POIS D/T C. PERFRIN OCT05-
0053 FOOD POIS: CLOSTRID NEC OCT05-
0054 FOOD POIS: V. PARAHAEM OCT05-
00581 FOOD POISN D/T V. VULNIF OCT05-
00589 BACT FOOD POISONING NEC OCT05-
0059 FOOD POISONING NOS OCT05-
00800 INTEST INFEC E COLI NOS OCT05-
00801 INT INF E COLI ENTRPATH OCT05-
00802 INT INF E COLI ENTRTOXGN OCT05-
00803 INT INF E COLI ENTRNVSV OCT05-
00804 INT INF E COLI ENTRHMRG OCT05-
00809 INT INF E COLI SPCF NEC OCT05-
0081 ARIZONA ENTERITIS OCT05-
0082 AEROBACTER ENTERITIS OCT05-
0083 PROTEUS ENTERITIS OCT05-
00841 STAPHYLOCOCC ENTERITIS OCT05-
00842 PSEUDOMONAS ENTERITIS OCT05-
00843 INT INFEC CAMPYLOBACTER OCT05-
00844 INT INF YRSNIA ENTRCLTCA OCT05-
00845 INT INF CLSTRDIUM DFCILE OCT05-
00846 INTES INFEC OTH ANEROBES OCT05-
00847 INT INF OTH GRM NEG BCTR OCT05-
00849 BACTERIAL ENTERITIS NEC OCT05-
0085 BACTERIAL ENTERITIS NOS OCT05-
0200 BUBONIC PLAGUE OCT05-
0201 CELLULOCUTANEOUS PLAGUE OCT05-
0202 SEPTICEMIC PLAGUE OCT05-
0203 PRIMARY PNEUMONIC PLAGUE OCT05-
0204 SECONDARY PNEUMON PLAGUE OCT05-
0205 PNEUMONIC PLAGUE NOS OCT05-
0208 OTHER TYPES OF PLAGUE OCT05-
0209 PLAGUE NOS OCT05-
0210 ULCEROGLANDUL TULAREMIA OCT05-
0211 ENTERIC TULAREMIA OCT05-
0212 PULMONARY TULAREMIA OCT05-
0213 OCULOGLANDULAR TULAREMIA OCT05-
0218 TULAREMIA NEC OCT05-
0219 TULAREMIA NOS OCT05-
0220 CUTANEOUS ANTHRAX OCT05-
0221 PULMONARY ANTHRAX OCT05-
0222 GASTROINTESTINAL ANTHRAX OCT05-
0223 ANTHRAX SEPTICEMIA OCT05-
0228 OTHER ANTHRAX MANIFEST OCT05-
0229 ANTHRAX NOS OCT05-
0230 BRUCELLA MELITENSIS OCT05-
0231 BRUCELLA ABORTUS OCT05-
0232 BRUCELLA SUIS OCT05-
0233 BRUCELLA CANIS OCT05-
0238 BRUCELLOSIS NEC OCT05-
0239 BRUCELLOSIS NOS OCT05-
024 GLANDERS OCT05-
025 MELIOIDOSIS OCT05-
0260 SPIRILLARY FEVER OCT05-
0261 STREPTOBACILLARY FEVER OCT05-
0269 RAT-BITE FEVER NOS OCT05-
0270 LISTERIOSIS OCT05-
0271 ERYSIPELOTHRIX INFECTION OCT05-
0272 PASTEURELLOSIS OCT05-
0278 ZOONOTIC BACT DIS NEC OCT05-
0279 ZOONOTIC BACT DIS NOS OCT05-
0320 FAUCIAL DIPHTHERIA OCT05-
0321 NASOPHARYNX DIPHTHERIA OCT05-

0322	ANT NASAL DIPHTHERIA OCT05-
0323	LARYNGEAL DIPHTHERIA OCT05-
03281	CONJUNCTIVAL DIPHTHERIA OCT05-
03282	DIPHTHERITIC MYOCARDITIS OCT05-
03283	DIPHTHERITIC PERITONITIS OCT05-
03284	DIPHTHERITIC CYSTITIS OCT05-
03285	CUTANEOUS DIPHTHERIA OCT05-
03289	DIPHTHERIA NEC OCT05-
0329	DIPHTHERIA NOS OCT05-
0330	BORDETELLA PERTUSSIS OCT05-
0331	BORDETELLA PARAPERTUSSIS OCT05-
0338	WHOOPING COUGH NEC OCT05-
0339	WHOOPING COUGH NOS OCT05-
0340	STREP SORE THROAT OCT05-
0341	SCARLET FEVER OCT05-
035	ERYSIPELAS OCT05-
0360	MENINGOCOCCAL MENINGITIS OCT05-
0361	MENINGOCOCC ENCEPHALITIS OCT05-
0362	MENINGOCOCCEMIA OCT05-
0363	MENINGOCOCC ADRENAL SYND OCT05-
03640	MENINGOCOCC CARDITIS NOS OCT05-
03641	MENINGOCOCC PERICARDITIS OCT05-
03642	MENINGOCOCC ENDOCARDITIS OCT05-
03643	MENINGOCOCC MYOCARDITIS OCT05-
03681	MENINGOCOCC OPTIC NEURIT OCT05-
03682	MENINGOCOCC ARTHROPATHY OCT05-
03689	MENINGOCOCCAL INFECT NEC OCT05-
0369	MENINGOCOCCAL INFECT NOS OCT05-
037	TETANUS OCT05-
0380	STREPTOCOCCAL SEPTICEMIA OCT05-
03810	STAPHYLCOCC SEPTICEM NOS OCT05-
03811	STAPH AUREUS SEPTICEMIA OCT05-
03819	STAPHYLCOCC SEPTICEM NEC OCT05-
0382	PNEUMOCOCCAL SEPTICEMIA OCT05-
0383	ANAEROBIC SEPTICEMIA OCT05-
03840	GRAM-NEG SEPTICEMIA NOS OCT05-
03841	H. INFLUENAE SEPTICEMIA OCT05-
03842	E COLI SEPTICEMIA OCT05-
03843	PSEUDOMONAS SEPTICEMIA OCT05-
03844	SERRATIA SEPTICEMIA OCT05-
03849	GRAM-NEG SEPTICEMIA NEC OCT05-
0388	SEPTICEMIA NEC OCT05-
0389	SEPTICEMIA NOS OCT05-
0390	CUTANEOUS ACTINOMYCOSIS OCT05-
0391	PULMONARY ACTINOMYCOSIS OCT05-
0392	ABDOMINAL ACTINOMYCOSIS OCT05-
0393	CERVICOFAC ACTINOMYCOSIS OCT05-
0394	MADURA FOOT OCT05-
0398	ACTINOMYCOSIS NEC OCT05-
0399	ACTINOMYCOSIS NOS OCT05-
0400	GAS GANGRENE OCT05-
0401	RHINOSCLEROMA OCT05-
0402	WHIPPLE'S DISEASE OCT05-
0403	NECROBACILLOSIS OCT05-
04081	TROPICAL PYOMYOSITIS OCT05-
04082	TOXIC SHOCK SYNDROME OCT05-
04089	BACTERIAL DISEASES NEC OCT05-
04100	STREPTOCOCCUS UNSPECF OCT05-
04101	STREPTOCOCCUS GROUP A OCT05-
04102	STREPTOCOCCUS GROUP B OCT05-
04103	STREPTOCOCCUS GROUP C OCT05-
04104	ENTEROCOCCUS GROUP D OCT05-
04105	STREPTOCOCCUS GROUP G OCT05-
04109	OTHER STREPTOCOCCUS OCT05-
04110	STAPHYLOCOCCUS UNSPCFIED OCT05-
04111	STAPHYLOCOCCUS AUREUS OCT05-
04119	OTHER STAPHYLOCOCCUS OCT05-
0412	PNEUMOCOCCUS INFECT NOS OCT05-
0413	KLEBSIELLA INFECT NOS OCT05-
0414	E. COLI INFECT NOS OCT05-
0415	H. INFLUENZAE INFECT NOS OCT05-
0416	PROTEUS INFECTION NOS OCT05-
0417	PSEUDOMONAS INFECT NOS OCT05-
04182	BACTEROIDES FRAGILIS OCT05-
04183	CLOSTRIDIUM PERFRINGENS OCT05-
04184	OTHER ANAEROBES OCT05-
04185	OTH GRAM NEGATV BACTERIA OCT05-
04186	HELICOBACTER PYLORI OCT05-
04189	OTH SPECF BACTERIA OCT05-
0419	BACTERIAL INFECTION NOS OCT05-
0980	ACUTE GC INFECT LOWER GU OCT05-
09810	GC (ACUTE) UPPER GU NOS OCT05-
09811	GC CYSTITIS (ACUTE) OCT05-
09812	GC PROSTATITIS (ACUTE) OCT05-
09813	GC ORCHITIS (ACUTE) OCT05-
09814	GC SEM VESICULIT (ACUTE) OCT05-
09815	GC CERVICITIS (ACUTE) OCT05-
09816	GC ENDOMETRITIS (ACUTE) OCT05-
09817	ACUTE GC SALPINGITIS OCT05-
09819	GC (ACUTE) UPPER GU NEC OCT05-
0982	CHR GC INFECT LOWER GU OCT05-
09830	CHR GC UPPER GU NOS OCT05-
09831	GC CYSTITIS, CHRONIC OCT05-
09832	GC PROSTATITIS, CHRONIC OCT05-
09833	GC ORCHITIS, CHRONIC OCT05-
09834	GC SEM VESICULITIS, CHR OCT05-
09835	GC CERVICITIS, CHRONIC OCT05-
09836	GC ENDOMETRITIS, CHRONIC OCT05-
09837	GC SALPINGITIS (CHRONIC) OCT05-
09839	CHR GC UPPER GU NEC OCT05-
09840	GONOCOCCAL CONJUNCTIVIT OCT05-
09841	GONOCOCCAL IRIDOCYCLITIS OCT05-
09842	GONOCOCCAL ENDOPHTHALMIA OCT05-
09843	GONOCOCCAL KERATITIS OCT05-
09849	GONOCOCCAL EYE NEC OCT05-
09850	GONOCOCCAL ARTHRITIS OCT05-
09851	GONOCOCCAL SYNOVITIS OCT05-
09852	GONOCOCCAL BURSITIS OCT05-
09853	GONOCOCCAL SPONDYLITIS OCT05-
09859	GC INFECT JOINT NEC OCT05-
0986	GONOCOCCAL INFEC PHARYNX OCT05-
0987	GC INFECT ANUS & RECTUM OCT05-
09881	GONOCOCCAL KERATOSIS OCT05-
09882	GONOCOCCAL MENINGITIS OCT05-
09883	GONOCOCCAL PERICARDITIS OCT05-
09884	GONOCOCCAL ENDOCARDITIS OCT05-
09885	GONOCOCCAL HEART DIS NEC OCT05-
09886	GONOCOCCAL PERITONITIS OCT05-
09889	GONOCOCCAL INF SITE NEC OCT05-
3200	HEMOPHILUS MENINGITIS OCT05-
3201	PNEUMOCOCCAL MENINGITIS OCT05-
3202	STREPTOCOCCAL MENINGITIS OCT05-
3203	STAPHYLOCOCC MENINGITIS OCT05-
3207	MENING IN OTH BACT DIS OCT05-

32081 ANAEROBIC MENINGITIS OCT05-
32082 MNINGTS GRAM-NEG BCT NEC OCT05-
32089 MENINGITIS OTH SPCF BACT OCT05-
3209 BACTERIAL MENINGITIS NOS OCT05-
3229 MENINGITIS NOS OCT05-
3240 INTRACRANIAL ABSCESS OCT05-
3241 INTRASPINAL ABSCESS OCT05-
3249 CNS ABSCESS NOS OCT05-
36000 PURULENT ENDOPHTHALM NOS OCT05-
36001 ACUTE ENDOPHTHALMITIS OCT05-
36002 PANOPHTHALMITIS OCT05-
36004 VITREOUS ABSCESS OCT05-
37055 CORNEAL ABSCESS OCT05-
37200 ACUTE CONJUNCTIVITIS NOS OCT05-
37203 MUCOPUR CONJUNCTIVIT NEC OCT05-
37204 PSEUDOMEMB CONJUNCTIVIT OCT05-
37220 BLEPHAROCONJUNCTIVIT NOS OCT05-
37221 ANGULAR BLEPHAROCONJUNCT OCT05-
37230 CONJUNCTIVITIS NOS OCT05-
37300 BLEPHARITIS NOS OCT05-
37301 ULCERATIVE BLEPHARITIS OCT05-
37311 HORDEOLUM EXTERNUM OCT05-
37312 HORDEOLUM INTERNUM OCT05-
37313 ABSCESS OF EYELID OCT05-
37500 DACRYOADENITIS NOS OCT05-
37501 ACUTE DACRYOADENITIS OCT05-
37530 DACRYOCYSTITIS NOS OCT05-
37531 ACUTE CANALICULITIS OCT05-
37532 ACUTE DACRYOCYSTITIS OCT05-
37600 ACUTE INFLAM NOS, ORBIT OCT05-
37601 ORBITAL CELLULITIS OCT05-
37602 ORBITAL PERIOSTITIS OCT05-
37603 ORBITAL OSTEOMYELITIS OCT05-
37604 TENONITIS OCT05-
38010 INFEC OTITIS EXTERNA NOS OCT05-
38011 ACUTE INFECTION OF PINNA OCT05-
38012 ACUTE SWIMMERS' EAR OCT05-
38013 AC INFECT EXTERN EAR NEC OCT05-
38014 MALIGNANT OTITIS EXTERNA OCT05-
38150 EUSTACHIAN SALPING NOS OCT05-
38151 AC EUSTACHIAN SALPING OCT05-
38200 AC SUPP OTITIS MEDIA NOS OCT05-
38201 AC SUPP OM W DRUM RUPT OCT05-
38202 AC SUPP OM IN OTH DIS OCT05-
3821 CHR TUBOTYMP SUPP OTITIS MEDIA OCT05-
3822 CHR ATTICOANTRAL SUPP OTITIS MEDIA OCT05-
3823 CHR SUPP OTITIS MEDIA NOS OCT05-
3824 SUPPUR OTITIS MEDIA NOS OCT05-
3829 OTITIS MEDIA NOS OCT05-
38300 AC MASTOIDITIS W/O COMPL OCT05-
38301 SUBPERI MASTOID ABSCESS OCT05-
38302 AC MASTOIDITIS-COMPL NEC OCT05-
38320 PETROSITIS NOS OCT05-
38321 ACUTE PETROSITIS OCT05-
38400 ACUTE MYRINGITIS NOS OCT05-
38630 LABYRINTHITIS NOS OCT05-
38631 SEROUS LABYRINTHITIS OCT05-
38632 CIRCUMSCRI LABYRINTHITIS OCT05-
38633 SUPPURATIV LABYRINTHITIS OCT05-
4200 AC PERICARDIT IN OTH DIS OCT05-
42090 ACUTE PERICARDITIS NOS OCT05-
42099 ACUTE PERICARDITIS NEC OCT05-
4210 AC/SUBAC BACT ENDOCARD OCT05-
4211 AC/SUBAC INFECT ENDOCARD OCT05-
4219 AC/SUBAC ENDOCARDIT NOS OCT05-
42292 SEPTIC MYOCARDITIS OCT05-
4610 AC MAXILLARY SINUSITIS OCT05-
4611 AC FRONTAL SINUSITIS OCT05-
4612 AC ETHMOIDAL SINUSITIS OCT05-
4613 AC SPHENOIDAL SINUSITIS OCT05-
4618 OTHER ACUTE SINUSITIS OCT05-
4619 ACUTE SINUSITIS NOS OCT05-
462 ACUTE PHARYNGITIS OCT05-
463 ACUTE TONSILLITIS OCT05-
46430 AC EPIGLOTTITIS NO OBSTR OCT05-
46431 AC EPIGLOTTITIS W OBSTR OCT05-
4660 ACUTE BRONCHITIS OCT05-
475 PERITONSILLAR ABSCESS OCT05-
47822 PARAPHARYNGEAL ABSCESS OCT05-
47824 RETROPHARYNGEAL ABSCESS OCT05-
481 PNEUMOCOCCAL PNEUMONIA OCT05-
4820 K. PNEUMONIAE PNEUMONIA OCT05-
4821 PSEUDOMONAL PNEUMONIA OCT05-
4822 H.INFLUENZAE PNEUMONIA OCT05-
48230 STREPTOCOCCAL PNEUMN NOS OCT05-
48231 PNEUMONIA STRPTOCOCCUS A OCT05-
48232 PNEUMONIA STRPTOCOCCUS B OCT05-
48239 PNEUMONIA OTH STREP OCT05-
48240 STAPHYLOCOCCAL PNEU NOS OCT05-
48241 STAPH AUREUS PNEUMONIA OCT05-
48249 STAPH PNEUMONIA NEC OCT05-
48281 PNEUMONIA ANAEROBES OCT05-
48282 PNEUMONIA E COLI OCT05-
48283 PNEUMO OTH GRM-NEG BACT OCT05-
48284 LEGIONNAIRES' DISEASE OCT05-
48289 PNEUMONIA OTH SPCF BACT OCT05-
4829 BACTERIAL PNEUMONIA NOS OCT05-
4843 PNEUMONIA IN WHOOPING COUGH OCT05-
4845 PNEUMONIA IN ANTHRAX OCT05-
4848 PNEUMONIA IN OTHER INF DIS OCT05-
485 BRONCHOPNEUMONIA ORG NOS OCT05-
486 PNEUMONIA, ORGANISM NOS OCT05-
490 BRONCHITIS NOS OCT05-
49122 OBS CHR BRONC W AC BRONC OCT05-
4941 BRONCHIECTASIS W AC EXAC OCT05-
5100 EMPYEMA WITH FISTULA OCT05-
5109 EMPYEMA W/O FISTULA OCT05-
5111 BACT PLEUR/EFFUS NOT TB OCT05-
5130 ABSCESS OF LUNG OCT05-
5131 ABSCESS OF MEDIASTINUM OCT05-
51901 TRACHEOSTOMY INFECTION OCT05-
5192 MEDIASTINITIS OCT05-
5220 PULPITIS OCT05-
5225 PERIAPICAL ABSCESS OCT05-
5227 PERIAPICAL ABSC W SINUS OCT05-
5230 ACUTE GINGIVITIS OCT05-
52300 ACUTE GINGITITIS, PLAQUE OCT06-
52301 AC GINGIVITIS,NONPLAQUE OCT06-
5233 ACUTE PERIODONTITIS OCT05-
52300 AGGRES PERIODONTITIS NOS OCT06-
52331 AGGRES PERIODONTITIS,LOC OCT06-
52332 AGGRES PERIODONTITIS,GEN OCT06-
52333 ACUTE PERIODONTITIS OCT06-

5264 INFLAMMATION OF JAW OCT05-
5273 SALIVARY GLAND ABSCESS OCT05-
5283 CELLULITIS/ABSCESS MOUTH OCT05-
53641 GASTROSTOMY INFECTION OCT05-
5400 AC APPEND W PERITONITIS
5401 ABSCESS OF APPENDIX
5409 ACUTE APPENDICITIS NOS
541 APPENDICITIS NOS
542 OTHER APPENDICITIS
56201 DVRTCLI SML INT W/O HMRG
56203 DVRTCLI SML INT W HMRHG
56211 DVRTCLI COLON W/O HMRHG
56213 DVRTCLI COLON W HMRHG
566 ANAL & RECTAL ABSCESS
5670 PERITONITIS IN INFEC DIS
5671 PNEUMOCOCCAL PERITONITIS
5672 SUPPURAT PERITONITIS NEC
56721 PERITONITIS (ACUTE) GEN OCT05-
56722 PERITONEAL ABSCESS OCT05-
56723 SPONTAN BACT PERITONITIS OCT05-
56729 SUPPURAT PERITONITIS NEC OCT05-
56731 PSOAS MUSCLE ABSCESS OCT05-
56738 RETROPERITON ABSCESS NEC OCT05-
56739 RETROPERITON INFECT NEC OCT05-
56781 CHOLEPERITONITIS OCT05-
56782 SCLEROSING MESENTERITIS OCT05-
56789 PERITONITIS NEC OCT05-
5679 PERITONITIS NOS
5695 INTESTINAL ABSCESS
56961 COLOSTY/ENTEROST INFECTN
5720 ABSCESS OF LIVER
5721 PORTAL PYEMIA
57400 CHOLELITH W AC CHOLECYST
57401 CHOLELITH/AC GB INF-OBST
57430 CHOLEDOCHOLITH/AC GB INF
57431 CHOLEDOCHLITH/AC GB-OBST
57460 GALL&BIL CAL W/AC W/O OB
57461 GALL&BIL CAL W/AC W OBS
57480 GAL&BIL CAL W/AC&CHR W/O
57481 GAL&BIL CAL W/AC&CH W OB
5750 ACUTE CHOLECYSTITIS
57510 CHOLECYSTITIS UNSPEC OCT05-
57512 AC&CHRON CHOLECYSTITIS OCT05-
5754 PERFORATION GALLBLADDER
5761 CHOLANGITIS
5763 PERFORATION OF BILE DUCT
5770 ACUTE PANCREATITIS OCT05-
59010 AC PYELONEPHRITIS NOS OCT05-
59011 AC PYELONEPHR W MED NECR OCT05-
5902 RENAL/PERIRENAL ABSCESS OCT05-
5903 PYELOURETERITIS CYSTICA OCT05-
59080 PYELONEPHRITIS NOS OCT05-
59081 PYELONEPHRIT IN OTH DIS OCT05-
5909 INFECTION OF KIDNEY NOS OCT05-
5950 ACUTE CYSTITIS OCT05-
5954 CYSTITIS IN OTH DIS OCT05-
59581 CYSTITIS CYSTICA OCT05-
59589 CYSTITIS NEC OCT05-
5959 CYSTITIS NOS OCT05-
5970 URETHRAL ABSCESS OCT05-
59800 URETHR STRICT:INFECT NOS OCT05-
59801 URETH STRICT:OTH INFECT OCT05-
5990 URIN TRACT INFECTION NOS OCT05-
6010 ACUTE PROSTATITIS OCT05-
6012 ABSCESS OF PROSTATE OCT05-
6013 PROSTATOCYSTITIS OCT05-
6014 PROSTATITIS IN OTH DIS OCT05-
6018 PROSTATITIS OCT05-
6019 PROSTATITIS NOS OCT05-
6031 INFECTED HYDROCELE OCT05-
6040 ORCHITIS WITH ABSCESS OCT05-
60490 ORCHITIS/EPIDIDYMIT NOS OCT05-
60491 ORCHITIS IN OTH DISEASE OCT05-
6071 BALANOPOSTHITIS OCT05-
6072 INFLAM DIS, PENIS NEC OCT05-
6080 SEMINAL VESICULITIS OCT05-
6084 MALE GEN INFLAM DIS NEC OCT05-
6110 INFLAM DISEASE OF BREAST OCT05-
6140 AC SALPINGO-OOPHORITIS OCT05-
6141 CHRON SALPINGITIS OOPHORITIS OCT05-
6142 SALPINGO-OOPHORITIS NOS OCT05-
6143 ACUTE PARAMETRITIS OCT05-
6144 CHRON OR UNSP CELLULITIS OCT05-
6145 AC PELV PERITONITIS-FEM OCT05-
6149 PID NOS OCT05-
6150 AC UTERINE INFLAMMATION OCT05-
6159 UTERINE INFLAM DIS NOS OCT05-
6160 CERVICITIS OCT05-
61610 VAGINITIS NOS OCT05-
6163 BARTHOLIN'S GLND ABSCESS OCT05-
6164 ABSCESS OF VULVA NEC OCT05-
63400 SPON ABOR W PEL INF-UNSP OCT05-
63401 SPON ABOR W PELV INF-INC OCT05-
63402 SPON ABOR W PEL INF-COMP OCT05-
63500 LEG ABOR W PELV INF-UNSP OCT05-
63501 LEG ABOR W PELV INF-INC OCT05-
63502 LEG ABOR W PELV INF-COMP OCT05-
63600 ILLEG AB W PELV INF-UNSP OCT05-
63601 ILLEG AB W PELV INF-INC OCT05-
63602 ILLEG AB W PELV INF-COMP OCT05-
63700 ABORT NOS W PEL INF-UNSP OCT05-
63701 ABORT NOS W PEL INF-INC OCT05-
63702 ABORT NOS W PEL INF-COMP OCT05-
6380 ATTEM ABORT W PELVIC INF OCT05-
6390 POSTABORTION GU INFECT OCT05-
64650 BACTERIURIA PREG-UNSPEC OCT05-
64651 ASYM BACTERIURIA-DELIVER OCT05-
64652 ASY BACTERURIA-DEL W P/P OCT05-
64653 ASY BACTERIURIA-ANTEPART OCT05-
64654 ASY BACTERIURIA-POSTPART OCT05-
64660 GU INFECT IN PREG-UNSPEC OCT05-
64661 GU INFECTION-DELIVERED OCT05-
64662 GU INFECTION-DELIV W P/P OCT05-
64663 GU INFECTION-ANTEPARTUM OCT05-
64664 GU INFECTION-POSTPARTUM OCT05-
64710 GONORRHEA IN PREG-UNSPEC OCT05-
64711 GONORRHEA-DELIVERED OCT05-
64712 GONORRHEA-DELIVER W P/P OCT05-
64713 GONORRHEA-ANTEPARTUM OCT05-
64714 GONORRHEA-POSTPARTUM OCT05-
64780 INF DIS IN PREG NEC-UNSP OCT05-
64781 INFECT DIS NEC-DELIVERED OCT05-
64782 INFECT DIS NEC-DEL W P/P OCT05-
64783 INFECT DIS NEC-ANTEPART OCT05-

64784	INFECT DIS NEC-POSTPART OCT05-
64790	INFECT IN PREG NOS-UNSP OCT05-
64791	INFECT NOS-DELIVERED OCT05-
64792	INFECT NOS-DELIVER W P/P OCT05-
64793	INFECT NOS-ANTEPARTUM OCT05-
64794	INFECT NOS-POSTPARTUM OCT05-
65840	AMNIOTIC INFECTION-UNSP OCT05-
65841	AMNIOTIC INFECTION-DELIV OCT05-
65843	AMNIOTIC INFECT-ANTEPART OCT05-
67000	MAJOR PUERP INFECT-UNSP OCT05-
67002	MAJOR PUERP INF-DEL P/P OCT05-
67004	MAJOR PUERP INF-POSTPART OCT05-
67500	INFECT NIPPLE PREG-UNSP OCT05-
67501	INFECT NIPPLE-DELIVERED OCT05-
67502	INFECT NIPPLE-DEL W P/P OCT05-
67503	INFECT NIPPLE-ANTEPARTUM OCT05-
67504	INFECT NIPPLE-POSTPARTUM OCT05-
67510	BREAST ABSCESS PREG-UNSP OCT05-
67511	BREAST ABSCESS-DELIVERED OCT05-
67512	BREAST ABSCESS-DEL W P/P OCT05-
67513	BREAST ABSCESS-ANTEPART OCT05-
67514	BREAST ABSCESS-POSTPART OCT05-
67580	BREAST INF PREG NEC-UNSP OCT05-
67581	BREAST INFECT NEC-DELIV OCT05-
67582	BREAST INF NEC-DEL W P/P OCT05-
67583	BREAST INF NEC-ANTEPART OCT05-
67584	BREAST INF NEC-POSTPART OCT05-
67590	BREAST INF PREG NOS-UNSP OCT05-
67591	BREAST INFECT NOS-DELIV OCT05-
67592	BREAST INF NOS-DEL W P/P OCT05-
67593	BREAST INF NOS-ANTEPART OCT05-
67594	BREAST INF NOS-POSTPART OCT05-
6800	CARBUNCLE OF FACE OCT05-
6801	CARBUNCLE OF NECK OCT05-
6802	CARBUNCLE OF TRUNK OCT05-
6803	CARBUNCLE OF ARM OCT05-
6804	CARBUNCLE OF HAND OCT05-
6805	CARBUNCLE OF BUTTOCK OCT05-
6806	CARBUNCLE OF LEG OCT05-
6807	CARBUNCLE OF FOOT OCT05-
6808	CARBUNCLE, SITE NEC OCT05-
6809	CARBUNCLE NOS OCT05-
68100	CELLULITIS, FINGER NOS OCT05-
68101	FELON OCT05-
68102	ONYCHIA OF FINGER OCT05-
68110	CELLULITIS, TOE NOS OCT05-
68111	ONYCHIA OF TOE OCT05-
6819	CELLULITIS OF DIGIT NOS OCT05-
6820	CELLULITIS OF FACE OCT05-
6821	CELLULITIS OF NECK OCT05-
6822	CELLULITIS OF TRUNK OCT05-
6823	CELLULITIS OF ARM OCT05-
6824	CELLULITIS OF HAND OCT05-
6825	CELLULITIS OF BUTTOCK OCT05-
6826	CELLULITIS OF LEG OCT05-
6827	CELLULITIS OF FOOT OCT05-
6828	CELLULITIS, SITE NEC OCT05-
6829	CRLLULITIS, SITE NOS OCT05-
683	ACUTE LYMPHADENITIS OCT05-
684	IMPETIGO OCT05-
68600	PYODERMA NOS OCT05-
68601	PYODERMA GANGRENOSUM OCT05-
68609	PYODERMA OTHER OCT05-
6868	LOCAL SKIN INFECTION NEC OCT05-
6869	LOCAL SKIN INFECTION NOS OCT05-
69581	RITTER'S DISEASE OCT05-
70700	DECUBITUS ULCER SITE NOS OCT05-
70701	DECUBITUS ULCER,ELBOW OCT05-
70702	DECUBITUS ULCER,UP BACK OCT05-
70703	DECUBITUS ULCER,LOW BACK OCT05-
70704	DECUBITUS ULCER,HIP OCT05-
70705	DECUBITUS ULCER,BUTTOCK OCT05-
70706	DECUBITUS ULCER,ANKLE OCT05-
70707	DECUBITUS ULCER,HEEL OCT05-
70709	DECUBITUS ULCER,SITE NEC OCT05-
71100	PYOGEN ARTHRITIS-UNSPEC OCT05-
71101	PYOGEN ARTHRITIS-SHLDER OCT05-
71102	PYOGEN ARTHRITIS-UP/ARM OCT05-
71103	PYOGEN ARTHRITIS-FOREARM OCT05-
71104	PYOGEN ARTHRITIS-HAND OCT05-
71105	PYOGEN ARTHRITIS-PELVIS OCT05-
71106	PYOGEN ARTHRITIS-L/LEG OCT05-
71107	PYOGEN ARTHRITIS-ANKLE OCT05-
71108	PYOGEN ARTHRITIS NEC OCT05-
71109	PYOGEN ARTHRITIS-MULT OCT05-
71190	INF ARTHRITIS NOS-UNSPEC OCT05-
71191	INF ARTHRITIS NOS-SHLDER OCT05-
71192	INF ARTHRITIS NOS-UP/ARM OCT05-
71193	INF ARTHRIT NOS-FOREARM OCT05-
71194	INF ARTHRIT NOS-HAND OCT05-
71195	INF ARTHRIT NOS-PELVIS OCT05-
71196	INF ARTHRIT NOS-L/LEG OCT05-
71197	INF ARTHRIT NOS-ANKLE OCT05-
71198	INF ARTHRIT NOS-OTH SITE OCT05-
71199	INF ARTHRITIS NOS-MULT OCT05-
7280	INFECTIVE MYOSITIS OCT05-
72886	NECROTIZING FASCIITIS OCT05-
73000	AC OSTEOMYELITIS-UNSPEC OCT05-
73001	AC OSTEOMYELITIS-SHLDER OCT05-
73002	AC OSTEOMYELITIS-UP/ARM OCT05-
73003	AC OSTEOMYELITIS-FOREARM OCT05-
73004	AC OSTEOMYELITIS-HAND OCT05-
73005	AC OSTEOMYELITIS-PELVIS OCT05-
73006	AC OSTEOMYELITIS-L/LEG OCT05-
73007	AC OSTEOMYELITIS-ANKLE OCT05-
73008	AC OSTEOMYELITIS NEC OCT05-
73009	AC OSTEOMYELITIS-MULT OCT05-
73010	CHR OSTEOMYELITIS-UNSP OCT05-
73011	CHR OSTEOMYELIT-SHLDER OCT05-
73012	CHR OSTEOMYELIT-UP/ARM OCT05-
73013	CHR OSTEOMYELIT-FOREARM OCT05-
73014	CHR OSTEOMYELIT-HAND OCT05-
73015	CHR OSTEOMYELIT-PELVIS OCT05-
73016	CHR OSTEOMYELIT-L/LEG OCT05-
73017	CHR OSTEOMYELIT-ANKLE OCT05-
73018	CHR OSTEOMYELIT NEC OCT05-
73019	CHR OSTEOMYELIT-MULT OCT05-
73020	OSTEOMYELITIS NOS-UNSPEC OCT05-
73021	OSTEOMYELITIS NOS-SHLDER OCT05-
73022	OSTEOMYELITIS NOS-UP/ARM OCT05-
73023	OSTEOMYELIT NOS-FOREARM OCT05-
73024	OSTEOMYELITIS NOS-HAND OCT05-
73025	OSTEOMYELITIS NOS-PELVIS OCT05-
73026	OSTEOMYELITIS NOS-L/LEG OCT05-

73027	OSTEOMYELITIS NOS-ANKLE OCT05-
73028	OSTEOMYELIT NOS-OTH SITE OCT05-
73029	OSTEOMYELITIS NOS-MULT OCT05-
73030	PERIOSTITIS-UNSPEC OCT05-
73031	PERIOSTITIS-SHLDER OCT05-
73032	PERIOSTITIS-UP/ARM OCT05-
73033	PERIOSTITIS-FOREARM OCT05-
73034	PERIOSTITIS-HAND OCT05-
73035	PERIOSTITIS-PELVIS OCT05-
73036	PERIOSTITIS-L/LEG OCT05-
73037	PERIOSTITIS-ANKLE OCT05-
73038	PERIOSTITIS NEC OCT05-
73039	PERIOSTITIS-MULT OCT05-
73080	BONE INFECT NEC-UNSPEC OCT05-
73081	BONE INFECT NEC-SHLDER OCT05-
73082	BONE INFECT NEC-UP/ARM OCT05-
73083	BONE INFECT NEC-FOREARM OCT05-
73084	BONE INFECT NEC-HAND OCT05-
73085	BONE INFECT NEC-PELVIS OCT05-
73086	BONE INFECT NEC-L/LEG OCT05-
73087	BONE INFECT NEC-ANKLE OCT05-
73088	BONE INFECT NEC-OTH SITE OCT05-
73089	BONE INFECT NEC-MULT OCT05-
73090	BONE INFEC NOS-UNSP SITE OCT05-
73091	BONE INFECT NOS-SHLDER OCT05-
73092	BONE INFECT NOS-UP/ARM OCT05-
73093	BONE INFECT NOS-FOREARM OCT05-
73094	BONE INFECT NOS-HAND OCT05-
73095	BONE INFECT NOS-PELVIS OCT05-
73096	BONE INFECT NOS-L/LEG OCT05-
73097	BONE INFECT NOS-ANKLE OCT05-
73098	BONE INFECT NOS-OTH SITE OCT05-
73099	BONE INFECT NOS-MULT OCT05-
7713	TETANUS NEONATORUM OCT05-
7714	OMPHALITIS OF NEWBORN OCT05-
7715	NEONATAL INFEC MASTITIS OCT05-
77181	NB SEPTICEMIA SEPSIS OCT05-
77182	NB URINARY TRACT INFECTN OCT05-
77183	BACTEREMIA OF NEWBORN OCT05-
77189	PERINATAL INFECTION NEC OCT05-
7775	NECROT ENTEROCOLITIS NB OCT05-
7854	GANGRENE OCT05-
78552	SEPTIC SHOCK OCT05-
7907	BACTEREMIA OCT05-
9101	ABRASION HEAD-INFECTED OCT05-
9103	BLISTER HEAD-INFECTED OCT05-
9105	INSECT BITE HEAD-INFECT OCT05-
9107	FOREIGN BODY HEAD-INFECT OCT05-
9109	SUPERF INJ HEAD NEC-INF OCT05-
9111	ABRASION TRUNK-INFECTED OCT05-
9113	BLISTER TRUNK-INFECTED OCT05-
9115	INSECT BITE TRUNK-INFEC OCT05-
9117	FOREIGN BODY TRUNK-INFEC OCT05-
9119	SUPERF INJ TRNK NEC-INF OCT05-
9121	ABRASION SHLDR/ARM-INFEC OCT05-
9123	BLISTER SHOULDER/ARM-INF OCT05-
9125	INSECT BITE SHLD/ARM-INF OCT05-
9127	FB SHOULDER/ARM-INFECT OCT05-
9129	SUPERF INJ SHLDR NEC-INF OCT05-
9131	ABRASION FOREARM-INFECT OCT05-
9133	BLISTER FOREARM-INFECTED OCT05-
9135	INSECT BITE FOREARM-INF OCT05-
9137	FOREIGN BODY FOREARM-INF OCT05-
9139	SUPRF INJ FORARM NEC-INF OCT05-
9141	ABRASION HAND-INFECTED OCT05-
9143	BLISTER HAND-INFECTED OCT05-
9145	INSECT BITE HAND-INFECT OCT05-
9147	FOREIGN BODY HAND-INFECT OCT05-
9149	SUPERF INJ HAND NEC-INF OCT05-
9151	ABRASION FINGER-INFECTED OCT05-
9153	BLISTER FINGER-INFECTED OCT05-
9155	INSECT BITE FINGER-INFEC OCT05-
9157	FOREIGN BODY FINGER-INF OCT05-
9159	SUPRF INJ FINGER NEC-INF OCT05-
9161	ABRASION HIP/LEG-INFECT OCT05-
9163	BLISTER HIP & LEG-INFECT OCT05-
9165	INSECT BITE HIP/LEG-INF OCT05-
9167	FOREIGN BDY HIP/LEG-INF OCT05-
9169	SUPERF INJ LEG NEC-INFEC OCT05-
9171	ABRASION FOOT/TOE-INFEC OCT05-
9173	BLISTER FOOT & TOE-INFEC OCT05-
9175	INSECT BITE FOOT/TOE-INF OCT05-
9177	FOREIGN BDY FOOT/TOE-INF OCT05-
9179	SUPERF INJ FOOT NEC-INF OCT05-
9191	ABRASION NEC-INFECTED OCT05-
9193	BLISTER NEC-INFECTED OCT05-
9195	INSECT BITE NEC-INFECTED OCT05-
9197	SUPERFICIAL FB NEC-INFEC OCT05-
9199	SUPERFIC INJ NEC-INFECT OCT05-
99590	SIRS, NOS OCT05-
99591	SIRS-INFECT W/O ORG DYSF OCT05-
99592	SIRS-INFECT W ORGAN DYSF OCT05-
99660	INFECT INFLAMM DEVICE IMPLANT GRAFT NOS OCT05-
99661	INFECT INFLAMM CARDIAC DEVICE IMPLANT GRAFT OCT05-
99662	INFECT INFLAMM VASCULAR DEVICE IMPLANT GRAFT OCT05-
99663	INFECT INFLAMM NERV DEVICE IMPLANT GRAFT OCT05-
99664	INFECT INFLAMM URINARY CATH OCT05-
99665	INFECT INFLAMM GU DEVICE IMPLANT GRAFT OCT05-
99666	INFECT INFLAMM JOINT PROSTH OCT05-
99667	INFECT INFLAMM OTH ORTHOP DEVICE IMPLANT GRAFT NOS OCT05-
99669	INFECT INFLAMM OTH DEVICE IMPLANT GRAFT OCT05-
99762	INFECTION AMPUTAT STUMP OCT05-
99851	INFECTED POSTOP SEROMA OCT05-
99859	OTHER POSTOP INFECTION OCT05-
9993	INFEC COMPL MED CARE NEC OCT05-

Infection DRGs:

020	NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITIS
068	OTITIS MEDIA AND URI, AGE GREATER THAN 17 W/ CC
069	OTITIS MEDIA AND URI, AGE GREATER THAN 17 W/O CC
070	OTITIS MEDIA AND URI, AGE LESS THAN OR EQUAL TO 17
079	RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE GREATER THAN 17 W/ CC
080	RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE GREATER THAN 17 W/O CC
081	RESPIRATORY INFECTIONS AND INFLAMMATIONS, AGE 0-17
089	SIMPLE PNEUMONIA AND PLEURISY, AGE GREATER THAN 17 W/ CC
090	SIMPLE PNEUMONIA AND PLEURISY, AGE GREATER THAN 17 W/O CC
091	SIMPLE PNEUMONIA AND PLEURISY, AGE LESS THAN OR EQUAL TO 17
126	ACUTE AND SUBACUTE ENDOCARDITIS
238	OSTEOMYELITIS
242	SEPTIC ARTHRITIS
277	CELLULITIS, AGE GREATER THAN 17 W/ CC
278	CELLULITIS, AGE GREATER THAN 17 W/O CC
279	CELLULITIS, AGE 0-17
320	KIDNEY AND URINARY TRACT INFECTIONS, AGE GREATER THAN 17 W/ CC
321	KIDNEY AND URINARY TRACT INFECTIONS, AGE GREATER THAN 17 W/O CC
322	KIDNEY AND URINARY TRACT INFECTIONS, AGE 0-17
368	INFECTIONS OF FEMALE REPRODUCTIVE SYSTEM
415	OR PROCEDURE FOR INFECTIOUS AND PARASITIC DISEASES
416	SEPTICEMIA, AGE GREATER THAN 17
417	SEPTICEMIA, AGE 0-17
423	OTHER INFECTIOUS AND PARASITIC DISEASES DIAGNOSES
560	BACTERIAL AND TB INFECTIONS OF NERVOUS SYSTEM OCT06-
561	NON-BACTERIAL INFECTIOUNS OF NERVOUS SYSTEM EXCEPT VIRAL MENINGITIS OCT06-
575	SEPTICEMIA W MV96+ HOURS AGE >17 OCT06
576	SEPTICEMIA W/O MV96+ HOURS AGE >17 OCT06
578	INFECTIOUS AND PARASITIC DISEASES WITH OR PROCEDURE OCT06-
579	POSTOPERATIVE OR POST-TRAUMATIC INFECTION WITH OR PROCEDURE OCT06-

Appendix Q: Cancer DRGs

These codes are used by the following PSIs:

PSI	How Used
Selected Infections Due to Medical Care, Secondary Diagnosis Field (PSI 7 and 23) - Page 23	Denominator exclusion - Page 23
Postoperative Sepsis (PSI 13) - Page 33	Denominator exclusion - Page 33

In the table above, control-click (Word) or click (PDF) the **PSI** name to go to the start of that detailed definition. Click the link in the **How Used** column to go to where the cancer DRGs are referenced within the PSI detailed definition.

010 NERVOUS SYSTEM NEOPLASMS W/ CC
011 NERVOUS SYSTEM NEOPLASMS W/O CC
064 EAR, NOSE, MOUTH AND THROAT MALIGNANCY
082 RESPIRATORY NEOPLASMS
172 DIGESTIVE MALIGNANCY W/ CC
173 DIGESTIVE MALIGNANCY W/O CC
199 HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY
203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS
239 PATHOLOGICAL FRACTURES AND MUSCULOSKELETAL AND CONNECTIVE TISSUE MALIGNANCY
257 TOTAL MASTECTOMY FOR MALIGNANCY W/ CC
258 TOTAL MASTECTOMY FOR MALIGNANCY W/O CC
259 SUBTOTAL MASTECTOMY FOR MALIGNANCY W/ CC
260 SUBTOTAL MASTECTOMY FOR MALIGNANCY W/O CC
274 MALIGNANT BREAST DISORDERS W/ CC
275 MALIGNANT BREAST DISORDERS W/O CC
303 KIDNEY, URETER AND MAJOR BLADDER PROCEDURES FOR NEOPLASM
318 KIDNEY AND URINARY TRACT NEOPLASMS W/ CC
319 KIDNEY AND URINARY TRACT NEOPLASMS W/O CC
338 TESTES PROCEDURES FOR MALIGNANCY
344 OTHER MALE REPRODUCTIVE SYSTEM OR PROCEDURES FOR MALIGNANCY
346 MALIGNANCY OF MALE REPRODUCTIVE SYSTEM W/ CC
347 MALIGNANCY OF MALE REPRODUCTIVE SYSTEM W/O CC
354 UTERINE AND ADNEXA PROCEDURES FOR NONOVARIAN/ADNEXAL MALIGNANCY W/ CC
355 UTERINE AND ADNEXA PROCEDURES FOR NONOVARIAN/ADNEXAL MALIGNANCY W/O CC
357 UTERINE AND ADNEXA PROCEDURES FOR OVARIAN OR ADNEXAL MALIGNANCY
363 D AND C, CONIZATION AND RADIOIMPLANT FOR MALIGNANCY
367 MALIGNANCY OF FEMALE REPRODUCTIVE SYSTEM W/O CC
400* LYMPHOMA AND LEUKEMIA W/ MAJOR OR PROCEDURES
401 LYMPHOMA AND NONACUTE LEUKEMIA W/ OTHER OR PROCEDURE W/ CC
402 LYMPHOMA AND NONACUTE LEUKEMIA W/ OTHER OR PROCEDURE W/O CC
403 LYMPHOMA AND NONACUTE LEUKEMIA W/ CC
404 LYMPHOMA AND NONACUTE LEUKEMIA W/O CC
405 ACUTE LEUKEMIA W/O MAJOR OR PROCEDURE, AGE 0-17
406 MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ MAJOR OR PROCEDURES W/ CC
407 MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ MAJOR OR PROCEDURE W/O CC
408 MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W/ OTHER OR PROCEDURES
409 RADIOTHERAPY
410 CHEMOTHERAPY W/O ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS
411 HISTORY OF MALIGNANCY W/O ENDOSCOPY
412 HISTORY OF MALIGNANCY W/ ENDOSCOPY
413 OTHER MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASM DIAGNOSES W/ CC
414 OTHER MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASM DIAGNOSES W/O CC
473 ACUTE LEUKEMIA W/O MAJOR OR PROCEDURE, AGE GREATER THAN 17
492 CHEMOTHERAPY W/ ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS
539 LYMPHOMA & LEUKEMIA W MAJOR OR PROCEDURE W/ CC OCT03-
540 LYMPHOMA & LEUKEMIA W MAJOR OR PROCEDURE W/O CC OCT03-

Appendix R: Links

The following links may be helpful to users of the AHRQ Patient Safety Indicators.

Patient Safety Indicators Version 3.1 Documents and Software

Available at http://www.qualityindicators.ahrq.gov/psi_download.htm

Title	***Description***
Guide to Patient Safety Indicators	Describes how the PSIs were developed and provides detailed evidence for each indicator.
Patient Safety Indicators Technical Specifications	Provides detailed definitions of each PSI, including all ICD-9-CM and DRG codes that are included in or excluded from the numerator and denominator. Note that exclusions from the denominator are automatically applied to the numerator.
PSI Covariates used in Risk Adjustment	Tables for each PSI provide the stratification and coefficients used to calculate the risk-adjusted rate for each strata.
SAS® PSI Software Documentation	This software documentation provides detailed instructions on how to use the SAS ® version of the PSI software including data preparation, calculation of the PSI rates, and interpretation of output.
Patient Safety Indicators Comparative Data	This document provides the provider rate, provider standard deviation, area rate, and population rate, as appropriate, for each indicator.
Change Log to PSI Documents and Software	The Change Log document provides a cumulative summary of all changes to the PSI software, software documentation, and other documents made since the release of version 2.1 of the software in March 2003. Changes to indicator specifications that were not a result of new ICD-9-CM and DRG codes, are also described in the Change Log.
Fiscal year 2007 Coding Changes	This document summarizes the changes to the indicator definitions resulting from FY 2007 changes to ICD-9-CM coding and DRG changes. These changes will only affect data from FY 2007 (October 1, 2006) or later.
SAS® PSI Software	Requires the SAS® statistical program distributed by the SAS Institute, Inc. The company may be contacted directly regarding the licensing of its products: http://www.sas.com

AHRQ QI Windows Application

The AHRQ QI Windows Application calculates rates for all of the AHRQ Quality Indicators modules and does not require SAS®. It is available at:

http://www.qualityindicators.ahrq.gov/winqi_download.htm

Additional Documents

The following documents are available within the "Documentation" section of the AHRQ QI Downloads Web page:

(http://www.qualityindicators.ahrq.gov/downloads.htm).

- *Refinement of the HCUP Quality Indicators (Technical Review), May 2001*
- *Refinement of the HCUP Quality Indicators (Summary), May 2001*
- *Measures of Patient Safety Based on Hospital Administrative Data - The Patient Safety Indicators, August 2002*
- *Measures of Patient Safety Based on Hospital Administrative Data - The Patient Safety Indicators (Summary), August 2002*

In addition, these documents may be accessed at the AHRQ QI Documentation Web page:

http://www.qualityindicators.ahrq.gov/documentation.htm

- *Guidance for Using the AHRQ Quality Indicators for Hospital-level Public Reporting or Payment, August 2004*
- *AHRQ Summary Statement on Comparative Hospital Public Reporting, December 2005*
- *Appendix A: Current Uses of AHRQ Quality Indicators and Considerations for Hospital-level*
- *Comparison of Recommended Evaluation Criteria in Five E*xisting National Frameworks

The following documents can be viewed or downloaded from the page:

http://www.qualityindicators.ahrq.gov/newsletter.htm

- *2006 Area Level Indicator Changes*
- *Considerations in Public Reporting for the AHRQ QIs*
- *June 2005 Newsletter* - Contains the article, "Using Different Types of QI Rates"

Other Tools and Information

The PSI SAS software no longer incorporates the AHRQ Comorbidity software. Before running the PSI software, the user will need to download and run program available at:

http://www.hcup-us.ahrq.gov/toolssoftware/comorbidity/comorbidity.jsp

That program will create the comorbidity variables in the user's data file. These variables are only needed if the user intends to calculate risk-adjusted rates using PSSASP3.

Area indicators can be calculated using the modified Federal Information Processing Standards (FIPS) State/county code. A list of codes is available at:

http://www.census.gov/popest/geographic/codes02.pdf

AHRQ provides a free, on-line query system based on HCUP data that provides access to health statistics and information on hospital stays at the national, regional, and State level. It is available at:

http://hcup.ahrq.gov/HCUPnet.asp