



PQI #13 Angina without Procedure Admission Rate

Numerator

All non-maternal discharges of age 18 years and older with ICD-9-CM principal diagnosis code for angina.

Include ICD-9-CM diagnosis codes:

| | | | |
|-------|-------------------------|------|-------------------------|
| 4111 | INTERMED CORONARY SYND | 4130 | ANGINA DECUBITUS |
| 41181 | CORONARY OCCLSN W/O MI | 4131 | PRINZMETAL ANGINA |
| 41189 | AC ISCHEMIC HRT DIS NEC | 4139 | ANGINA PECTORIS NEC/NOS |

Exclude cases:

- transfer from a hospital (different facility)
- transfer from a skilled Nursing Facility (SNF) or Intermediate Care Facility (ICF)
- transfer from another health care facility
- MDC 14 (pregnancy, childbirth, and puerperium)
- with a code for cardiac procedure in any field

ICD-9-CM Cardiac procedure codes

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|------|---------------------------------|------|--------------------------|
| 0050 | IMPL CRT PACEMAKER SYS OCT02- | 3514 | OPN TRICUS VALVULOPLASTY |
| 0051 | IMPL CRT DEFIBRILLAT OCT02- | 3520 | REPLACE HEART VALVE NOS |
| 0052 | IMP/REP LEAD LF VEN SYS OCT02- | 3521 | REPLACE AORT VALV-TISSUE |
| 0053 | IMP/REP CRT PACEMKR GEN OCT02- | 3522 | REPLACE AORTIC VALVE NEC |
| 0054 | IMP/REP CRT DEFIB GENAT OCT02- | 3523 | REPLACE MITR VALV-TISSUE |
| 0056 | INS/REP IMPL SENSOR LEAD OCT06- | 3524 | REPLACE MITRAL VALVE NEC |
| 0057 | IMP/REP SUBCUE CARD DEV OCT06- | 3525 | REPLACE PULM VALV-TISSUE |
| 0066 | PTCA OCT06- | 3526 | REPLACE PULMON VALVE NEC |
| 3500 | CLOSED VALVOTOMY NOS | 3527 | REPLACE TRIC VALV-TISSUE |
| 3501 | CLOSED AORTIC VALVOTOMY | 3528 | REPLACE TRICUSP VALV NEC |
| 3502 | CLOSED MITRAL VALVOTOMY | 3531 | PAPILLARY MUSCLE OPS |
| 3503 | CLOSED PULMON VALVOTOMY | 3532 | CHORDAE TENDINEAE OPS |
| 3504 | CLOSED TRICUSP VALVOTOMY | 3533 | ANNULOPLASTY |
| 3510 | OPEN VALVULOPLASTY NOS | 3534 | INFUNDIBULECTOMY |
| 3511 | OPN AORTIC VALVULOPLASTY | 3535 | TRABECUL CARNEAE CORD OP |
| 3512 | OPN MITRAL VALVULOPLASTY | 3539 | TISS ADJ TO VALV OPS NEC |
| 3513 | OPN PULMON VALVULOPLASTY | 3541 | ENLARGE EXISTING SEP DEF |
| | | 3542 | CREATE SEPTAL DEFECT |
| | | 3550 | PROSTH REP HRT SEPTA NOS |
| | | 3551 | PROS REP ATRIAL DEF-OPN |

| | | | |
|------|------------------------------------|------|--|
| 3552 | PROS REPAIR ATRIA DEF-CL | 3733 | EXC/DEST HRT LESION OPEN |
| 3553 | PROST REPAIR VENTRIC DEF | 3734 | EXC/DEST HRT LES OTHER |
| 3554 | PROS REP ENDOCAR CUSHION | 3735 | PARTIAL VENTRICULECTOMY |
| 3555 | PROS REP VENTRC DEF-CLOS OCT06- | 3736 | EXCISION OR DESTRUCTION OF LEFT ATRIAL APPENDAGE (LAA) OCT08- |
| 3560 | GRFT REPAIR HRT SEPT NOS | 3741 | IMPLANT PROSTH CARD SUPPORT DEV OCT06 |
| 3561 | GRAFT REPAIR ATRIAL DEF | 375 | HEART TRANSPLANTATION (NOT VALID AFTER OCT 03) |
| 3562 | GRAFT REPAIR VENTRIC DEF | 3751 | HEART TRANPLANTATION OCT03- |
| 3563 | GRFT REP ENDOCAR CUSHION | 3752 | IMPLANT TOT REP HRT SYS OCT03- |
| 3570 | HEART SEPTA REPAIR NOS | 3753 | REPL/REP THORAC UNIT HRT OCT03- |
| 3571 | ATRIA SEPTA DEF REP NEC | 3754 | REPL/REP OTH TOT HRT SYS OCT03- |
| 3572 | VENTR SEPTA DEF REP NEC | 3755 | REMOVAL OF INTERNAL BIVENTRICULAR HEART REPLACEMENT SYSTEM OCT08- |
| 3573 | ENDOCAR CUSHION REP NEC | 3760 | IMPLANTATION OR INSERTION OF BIVENTRICULAR EXTERNAL HEART ASSIST SYSTEM OCT08- |
| 3581 | TOT REPAIR TETRAL FALLOT | 3761 | IMPLANT OF PULSATION BALLOON |
| 3582 | TOTAL REPAIR OF TAPVC | 3762 | INSERTION OF NON-IMPLANTABLE HEART ASSIST SYSTEM |
| 3583 | TOT REP TRUNCUS ARTERIOS | 3763 | REPAIR OF HEART ASSIST SYSTEM |
| 3584 | TOT COR TRANSPOS GRT VES | 3764 | REMOVAL OF HEART ASSIST SYSTEM |
| 3591 | INTERAT VEN RETRN TRANSP | 3765 | IMPLANT OF EXTERNAL HEART ASSIST SYSTEM |
| 3592 | CONDUIT RT VENT-PUL ART | 3766 | INSERTION OF IMPLANTABLE HEART ASSIST SYSTEM |
| 3593 | CONDUIT LEFT VENTR-AORTA | 3770 | INT INSERT PACEMAK LEAD |
| 3594 | CONDUIT ARTIUM-PULM ART | 3771 | INT INSERT LEAD IN VENT |
| 3595 | HEART REPAIR REVISION | 3772 | INT INSERT LEAD ATRI-VENT |
| 3596 | PERC HEART VALVULOPLASTY | 3773 | INT INSER LEAD IN ATRIUM |
| 3598 | OTHER HEART SEPTA OPS | 3774 | INT OR REPL LEAD EPICAR |
| 3599 | OTHER HEART VALVE OPS | 3775 | REVISION OF LEAD |
| 3601 | PTCA-1 VESSEL W/O AGENT | 3776 | REPL TV ATRI-VENT LEAD |
| 3602 | PTCA-1 VESSEL WITH AGNT | 3777 | REMOVAL OF LEAD W/O REPL |
| 3603 | OPEN CORONRY ANGIOPLASTY | 3778 | INSER TEAM PACEMAKER SYS |
| 3604 | INTRCORONRY THROMB INFUS | 3779 | REVIS OR RELOCATE POCKET |
| 3605 | PTCA-MULTIPLE VESSEL | 3780 | INT OR REPL PERM PACEMKR |
| 3606 | INSERT OF COR ART STENT OCT95- | 3781 | INT INSERT 1-CHAM, NON |
| 3607 | INS DRUG-ELUT CORONRY ST OCT02- | 3782 | INT INSERT 1-CHAM, RATE |
| 3609 | REM OF COR ART OBSTR NEC | 3783 | INT INSERT DUAL-CHAM DEV |
| 3610 | AORTOCORONARY BYPASS NOS | 3785 | REPL PACEM W 1-CHAM, NON |
| 3611 | AORTOCOR BYPAS-1 COR ART | 3786 | REPL PACEM 1-CHAM, RATE |
| 3612 | AORTOCOR BYPAS-2 COR ART | 3787 | REPL PACEM W DUAL-CHAM |
| 3613 | AORTOCOR BYPAS-3 COR ART | 3789 | REVISE OR REMOVE PACEMAK |
| 3614 | AORTCOR BYPAS-4+ COR ART | 3794 | IMPLT/REPL CARDDEFIB TOT |
| 3615 | 1 INT MAM-COR ART BYPASS | 3795 | IMPLT CARDIODEFIB LEADS |
| 3616 | 2 INT MAM-COR ART BYPASS | 3796 | IMPLT CARDIODEFIB GENATR |
| 3617 | ABD-CORON ART BYPASS OCT96- | 3797 | REPL CARDIODEFIB LEADS |
| 3619 | HRT REVAS BYPS ANAS NEC | 3798 | REPL CARDIODEFIB GENRATR |
| 362 | ARTERIAL IMPLANT REVASC | | |
| 363 | OTH HEART REVASCULAR | | |
| 3631 | OPEN CHEST TRANS REVASC | | |
| 3632 | OTH TRANSMYO REVASCULAR | | |
| 3633 | ENDO TRANSMYO REVASCULAR OCT06- | | |
| 3634 | PERC TRANSMYO REVASCULAR OCT06- | | |
| 3639 | OTH HEART REVASULAR | | |
| 3691 | CORON VESS ANEURYSM REP | | |
| 3699 | HEART VESSLE OP NEC | | |
| 3731 | PERICARDIECTOMY | | |
| 3732 | HEART ANEURYSM EXCISION | | |

Denominator

Population in Metro Area or county, age 18 years and older.