



**AHRQ Quality Indicators™ (AHRQ QI™)
ICD-9-CM and ICD-10-CM/PCS
Specification Enhanced Version 5.0**

**Inpatient Quality Indicators #13 (IQI #13)
Craniotomy Mortality Rate**

**October 2015
Provider-Level Indicator
Type of Score: Rate**

Prepared by:

Agency for Healthcare Research and Quality
U.S. Department of Health and Human Services
540 Gaither Road
Rockville, MD 20850
www.qualityindicators.ahrq.gov

IQI #13 Craniotomy Mortality Rate

DESCRIPTION

In-hospital deaths per 1,000 discharges with craniotomy, ages 18 years and older. Excludes patients with a principal diagnosis of head trauma and transfers to another short-term hospital.

[NOTE: The software provides the rate per hospital discharge. However, common practice reports the measure as per 1,000 discharges. The user must multiply the rate obtained from the software by 1,000 to report in-hospital deaths per 1,000 hospital discharges.]

IQI #13 Craniotomy Mortality Rate

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

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

IQI #13 Craniotomy Mortality Rate

NUMERATOR EXCLUSIONS

<i>Not Applicable</i>

IQI #13 Craniotomy Mortality Rate

DENOMINATOR

Discharges, for patients ages 18 years or older, with a DRG or MS-DRG code for craniotomy.

[NOTE: By definition, discharges with a DRG or MS-DRG code for craniotomy are precluded from an assignment of MDC 14 by grouper software. Thus, obstetric discharges should not be considered in the IQI #13 rate, though the AHRQ QI™ software does not explicitly exclude obstetric cases.]

Craniotomy DRG codes: (CRANIOTG)

ICD-9-CM	Description	ICD-10-CM	Description
001	CRANIOTOMY AGE >17 W CC	<i>Same codes as for ICD-9-CM</i>	
002	CRANIOTOMY AGE >17 W/O CC		
528	INTRACRANIAL VASCULAR PROC W PDX HEMORRHAGE		
529	VENTRICULAR SHUNT PROCEDURES W CC		
530	VENTRICULAR SHUNT PROCEDURES W/O CC		
543	CRANIOTOMY W MAJOR DEVICE IMPLANT OR ACUTE COMPLEX CNS PRINCIPAL DIAGNOSIS		

Craniotomy MS-DRG codes: (CRANIO2G)

ICD-9-CM	Description	ICD-10-CM	Description
020	Intracranial vascular procedures w PDX hemorrhage w MCC	<i>Same codes as for ICD-9-CM</i>	
021	Intracranial vascular procedures w PDX hemorrhage w CC		
022	Intracranial vascular procedures w PDX hemorrhage w/o CC/MCC		
023	Cranio w major dev impl/acute complex CNS PDX w MCC or chemo implant		
024	Cranio w major dev impl/acute complex CNS PDX w/o MCC		

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

- 025 Craniotomy & endovascular intracranial procedures w
MCC
- 026 Craniotomy & endovascular intracranial procedures w CC
- 027 Craniotomy & endovascular intracranial procedures w/o
CC/MCC
- 031 Ventricular shunt procedures w MCC
- 032 Ventricular shunt procedures w CC
- 033 Ventricular shunt procedures w/o CC/MCC

IQI #13 Craniotomy Mortality Rate

DENOMINATOR EXCLUSIONS

- Exclude cases:
- with a principal ICD-9-CM or ICD-10-CM diagnosis code for head trauma
 - transferring to another short-term hospital (DISP=2)
 - with missing discharge disposition (DISP=missing), gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

ICD-9-CM	Description	ICD-10-CM	Description
80000	CLOSED SKULL VAULT FX	S020XXA	Fracture of vault of skull, initial encounter for closed fracture
80001	CL SKULL VLT FX W/O COMA	S020XXB	Fracture of vault of skull, initial encounter for open fracture
80002	CL SKULL VLT FX-BRF COMA	S0210XA	Unspecified fracture of base of skull, initial encounter for closed fracture
80003	CL SKULL VLT FX-MOD COMA	S0210XB	Unspecified fracture of base of skull, initial encounter for open fracture
80004	CL SKL VLT FX-PROLN COMA	S02110A	Type I occipital condyle fracture, initial encounter for closed fracture
80005	CL SKUL VLT FX-DEEP COMA	S02110B	Type I occipital condyle fracture, initial encounter for open fracture
80006	CL SKULL VLT FX-COMA NOS	S02111A	Type II occipital condyle fracture, initial encounter for closed fracture
80009	CL SKL VLT FX-CONCUS NOS	S02111B	Type II occipital condyle fracture, initial encounter for open fracture
80010	CL SKL VLT FX/CEREBR LAC	S02112A	Type III occipital condyle fracture, initial encounter for closed fracture
80011	CL SKULL VLT FX W/O COMA	S02112B	Type III occipital condyle fracture, initial encounter for open fracture

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80012	CL SKULL VLT FX-BRF COMA	S02113A	Unspecified occipital condyle fracture, initial encounter for closed fracture
80013	CL SKULL VLT FX-MOD COMA	S02113B	Unspecified occipital condyle fracture, initial encounter for open fracture
80014	CL SKL VLT FX-PROLN COMA	S02118A	Other fracture of occiput, initial encounter for closed fracture
80015	CL SKUL VLT FX-DEEP COMA	S02118B	Other fracture of occiput, initial encounter for open fracture
80016	CL SKULL VLT FX-COMA NOS	S02119A	Unspecified fracture of occiput, initial encounter for
80019	CL SKL VLT FX-CONCUS NOS	S02119B	Unspecified fracture of occiput, initial encounter for open fracture
80020	CL SKL VLT FX/MENING HEM	S0219XA	Other fracture of base of skull, initial encounter for closed fracture
80021	CL SKULL VLT FX W/O COMA	S0219XB	Other fracture of base of skull, initial encounter for open fracture
80022	CL SKULL VLT FX-BRF COMA	S022XXA	Fracture of nasal bones, initial encounter for closed fracture
80023	CL SKULL VLT FX-MOD COMA	S022XXB	Fracture of nasal bones, initial encounter for open fracture
80024	CL SKL VLT FX-PROLN COMA	S023XXA	Fracture of orbital floor, initial encounter for closed fracture
80025	CL SKUL VLT FX-DEEP COMA	S023XXB	Fracture of orbital floor, initial encounter for open fracture
80026	CL SKULL VLT FX-COMA NOS	S02400A	Malar fracture unspecified, initial encounter for closed fracture
80029	CL SKL VLT FX-CONCUS NOS	S02400B	Malar fracture unspecified, initial encounter for open fracture
80030	CL SKULL VLT FX/HEM NEC	S02401A	Maxillary fracture, unspecified, initial encounter for closed fracture
80031	CL SKULL VLT FX W/O COMA	S02401B	Maxillary fracture, unspecified, initial encounter for open fracture

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80032	CL SKULL VLT FX-BRF COMA	S02402A	Zygomatic fracture, unspecified, initial encounter for closed fracture
80033	CL SKULL VLT FX-MOD COMA	S02402B	Zygomatic fracture, unspecified, initial encounter for open fracture
80034	CL SKL VLT FX-PROLN COMA	S02411A	LeFort I fracture, initial encounter for closed fracture
80035	CL SKUL VLT FX-DEEP COMA	S02411B	LeFort I fracture, initial encounter for open fracture
80036	CL SKULL VLT FX-COMA NOS	S02412A	LeFort II fracture, initial encounter for closed fracture
80039	CL SKL VLT FX-CONCUS NOS	S02412B	LeFort II fracture, initial encounter for open fracture
80040	CL SKL VLT FX/BR INJ NEC	S02413A	LeFort III fracture, initial encounter for closed fracture
80041	CL SKULL VLT FX W/O COMA	S02413B	LeFort III fracture, initial encounter for open fracture
80042	CL SKULL VLT FX-BRF COMA	S0242XA	Fracture of alveolus of maxilla, initial encounter for closed fracture
80043	CL SKULL VLT FX-MOD COMA	S0242XB	Fracture of alveolus of maxilla, initial encounter for open fracture
80044	CL SKL VLT FX-PROLN COMA	S02600A	Fracture of unspecified part of body of mandible, initial encounter for closed fracture
80045	CL SKUL VLT FX-DEEP COMA	S02600B	Fracture of unspecified part of body of mandible, initial encounter for open fracture
80046	CL SKULL VLT FX-COMA NOS	S02609A	Fracture of mandible, unspecified, initial encounter for closed fracture
80049	CL SKL VLT FX-CONCUS NOS	S02609B	Fracture of mandible, unspecified, initial encounter for open fracture
80050	OPN SKULL VAULT FRACTURE	S0261XA	Fracture of condylar process of mandible, initial encounter for closed fracture
80051	OPN SKUL VLT FX W/O COMA	S0261XB	Fracture of condylar process of mandible, initial encounter for open fracture
80052	OPN SKUL VLT FX-BRF COMA	S0262XA	Fracture of subcondylar process of mandible, initial encounter for closed fracture
80053	OPN SKUL VLT FX-MOD COMA	S0262XB	Fracture of subcondylar process of mandible, initial encounter for open fracture
80054	OPN SKL VLT FX-PROLN COM	S0263XA	Fracture of coronoid process of mandible, initial encounter for closed fracture

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80055	OPN SKL VLT FX-DEEP COMA	S0263XB	Fracture of coronoid process of mandible, initial encounter for open fracture
80056	OPN SKUL VLT FX-COMA NOS	S0264XA	Fracture of ramus of mandible, initial encounter for closed fracture
80059	OP SKL VLT FX-CONCUS NOS	S0264XB	Fracture of ramus of mandible, initial encounter for open fracture
80060	OPN SKL VLT FX/CEREB LAC	S0265XA	Fracture of angle of mandible, initial encounter for closed fracture
80061	OPN SKUL VLT FX W/O COMA	S0265XB	Fracture of angle of mandible, initial encounter for open fracture
80062	OPN SKUL VLT FX-BRF COMA	S0266XA	Fracture of symphysis of mandible, initial encounter for closed fracture
80063	OPN SKUL VLT FX-MOD COMA	S0266XB	Fracture of symphysis of mandible, initial encounter for open fracture
80064	OPN SKL VLT FX-PROLN COM	S0267XA	Fracture of alveolus of mandible, initial encounter for closed fracture
80065	OPN SKL VLT FX-DEEP COMA	S0267XB	Fracture of alveolus of mandible, initial encounter for open fracture
80066	OPN SKUL VLT FX-COMA NOS	S0269XA	Fracture of mandible of other specified site, initial encounter for closed fracture
80069	OP SKL VLT FX-CONCUS NOS	S0269XB	Fracture of mandible of other specified site, initial encounter for open fracture
80070	OPN SKL VLT FX/MENIN HEM	S028XXA	Fractures of other specified skull and facial bones, initial encounter for closed fracture
80071	OPN SKUL VLT FX W/O COMA	S028XXB	Fractures of other specified skull and facial bones, initial encounter for open fracture
80072	OPN SKUL VLT FX-BRF COMA	S0291XA	Unspecified fracture of skull, initial encounter for closed fracture
80073	OPN SKUL VLT FX-MOD COMA	S0291XB	Unspecified fracture of skull, initial encounter for open fracture
80074	OPN SKL VLT FX-PROLN COM	S0292XA	Unspecified fracture of facial bones, initial encounter for closed fracture

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80075	OPN SKL VLT FX-DEEP COMA	S0292XB	Unspecified fracture of facial bones, initial encounter for open fracture
80076	OPN SKUL VLT FX-COMA NOS	S04011A	Injury of optic nerve, right eye, initial encounter
80079	OP SKL VLT FX-CONCUS NOS	S04012A	Injury of optic nerve, left eye, initial encounter
80080	OPN SKULL VLT FX/HEM NEC	S04019A	Injury of optic nerve, unspecified eye, initial encounter
80081	OPN SKUL VLT FX W/O COMA	S0402XA	Injury of optic chiasm, initial encounter
80082	OPN SKUL VLT FX-BRF COMA	S04031A	Injury of optic tract and pathways, right eye, initial encounter
80083	OPN SKUL VLT FX-MOD COMA	S04032A	Injury of optic tract and pathways, left eye, initial encounter
80084	OPN SKL VLT FX-PROLN COM	S04039A	Injury of optic tract and pathways, unspecified eye, initial encounter
80085	OPN SKL VLT FX-DEEP COMA	S04041A	Injury of visual cortex, right eye, initial encounter
80086	OPN SKUL VLT FX-COMA NOS	S04042A	Injury of visual cortex, left eye, initial encounter
80089	OP SKL VLT FX-CONCUS NOS	S04049A	Injury of visual cortex, unspecified eye, initial encounter
80090	OP SKL VLT FX/BR INJ NEC	S0410XA	Injury of oculomotor nerve, unspecified side, initial encounter
80091	OPN SKUL VLT FX W/O COMA	S0411XA	Injury of oculomotor nerve, right side, initial encounter
80092	OPN SKUL VLT FX-BRF COMA	S0412XA	Injury of oculomotor nerve, left side, initial encounter
80093	OPN SKUL VLT FX-MOD COMA	S0420XA	Injury of trochlear nerve, unspecified side, initial encounter
80094	OPN SKL VLT FX-PROLN COM	S0421XA	Injury of trochlear nerve, right side, initial encounter
80095	OP SKUL VLT FX-DEEP COMA	S0422XA	Injury of trochlear nerve, left side, initial encounter
80096	OPN SKUL VLT FX-COMA NOS	S0430XA	Injury of trigeminal nerve, unspecified side, initial encounter
80099	OP SKL VLT FX-CONCUS NOS	S0431XA	Injury of trigeminal nerve, right side, initial encounter
80100	CLOS SKULL BASE FRACTURE	S0432XA	Injury of trigeminal nerve, left side, initial encounter
80101	CL SKUL BASE FX W/O COMA	S0440XA	Injury of abducent nerve, unspecified side, initial encounter
80102	CL SKUL BASE FX-BRF COMA	S0441XA	Injury of abducent nerve, right side, initial encounter
80103	CL SKUL BASE FX-MOD COMA	S0442XA	Injury of abducent nerve, left side, initial encounter
80104	CL SKL BASE FX-PROL COMA	S0450XA	Injury of facial nerve, unspecified side, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80105	CL SKL BASE FX-DEEP COMA	S0451XA	Injury of facial nerve, right side, initial encounter
80106	CL SKUL BASE FX-COMA NOS	S0452XA	Injury of facial nerve, left side, initial encounter
80109	CL SKULL BASE FX-CONCUSS	S0460XA	Injury of acoustic nerve, unspecified side, initial encounter
80110	CL SKL BASE FX/CEREB LAC	S0461XA	Injury of acoustic nerve, right side, initial encounter
80111	CL SKUL BASE FX W/O COMA	S0462XA	Injury of acoustic nerve, left side, initial encounter
80112	CL SKUL BASE FX-BRF COMA	S0470XA	Injury of accessory nerve, unspecified side, initial encounter
80113	CL SKUL BASE FX-MOD COMA	S0471XA	Injury of accessory nerve, right side, initial encounter
80114	CL SKL BASE FX-PROL COMA	S0472XA	Injury of accessory nerve, left side, initial encounter
80115	CL SKL BASE FX-DEEP COMA	S04811A	Injury of olfactory [1st] nerve, right side, initial encounter
80116	CL SKUL BASE FX-COMA NOS	S04812A	Injury of olfactory [1st] nerve, left side, initial encounter
80119	CL SKULL BASE FX-CONCUSS	S04819A	Injury of olfactory [1st] nerve, unspecified side, initial encounter
80120	CL SKL BASE FX/MENIN HEM	S04891A	Injury of other cranial nerves, right side, initial encounter
80121	CL SKUL BASE FX W/O COMA	S04892A	Injury of other cranial nerves, left side, initial encounter
80122	CL SKUL BASE FX/BRF COMA	S04899A	Injury of other cranial nerves, unspecified side, initial encounter
80123	CL SKUL BASE FX-MOD COMA	S049XXA	Injury of unspecified cranial nerve, initial encounter
80124	CL SKL BASE FX-PROL COMA	S060X0A	Concussion without loss of consciousness, initial encounter
80125	CL SKL BASE FX-DEEP COMA	S060X1A	Concussion with loss of consciousness of 30 minutes or less, initial encounter
80126	CL SKUL BASE FX-COMA NOS	S060X2A	Concussion with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80129	CL SKULL BASE FX-CONCUSS	S060X3A	Concussion with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80130	CL SKULL BASE FX/HEM NEC	S060X4A	Concussion with loss of consciousness of 6 hours to 24 hours, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80131	CL SKUL BASE FX W/O COMA	S060X5A	Concussion with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
80132	CL SKUL BASE FX-BRF COMA	S060X6A	Concussion with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80133	CL SKUL BASE FX-MOD COMA	S060X7A	Concussion with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80134	CL SKL BASE FX-PROL COMA	S060X8A	Concussion with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80135	CL SKL BASE FX-DEEP COMA	S060X9A	Concussion with loss of consciousness of unspecified duration, initial encounter
80136	CL SKUL BASE FX-COMA NOS	S061X0A	Traumatic cerebral edema without loss of consciousness, initial encounter
80139	CL SKULL BASE FX-CONCUSS	S061X1A	Traumatic cerebral edema with loss of consciousness of 30 minutes or less, initial encounter
80140	CL SK BASE FX/BR INJ NEC	S061X2A	Traumatic cerebral edema with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80141	CL SKUL BASE FX W/O COMA	S061X3A	Traumatic cerebral edema with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80142	CL SKUL BASE FX-BRF COMA	S061X4A	Traumatic cerebral edema with loss of consciousness of 6 hours to 24 hours, initial encounter
80143	CL SKUL BASE FX-MOD COMA	S061X5A	Traumatic cerebral edema with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
80144	CL SKL BASE FX-PROL COMA	S061X6A	Traumatic cerebral edema with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80145	CL SKL BASE FX-DEEP COMA	S061X7A	Traumatic cerebral edema with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80146	CL SKUL BASE FX-COMA NOS	S061X8A	Traumatic cerebral edema with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80149	CL SKULL BASE FX-CONCUSS	S061X9A	Traumatic cerebral edema with loss of consciousness of unspecified duration, initial encounter
80150	OPEN SKULL BASE FRACTURE	S062X0A	Diffuse traumatic brain injury without loss of consciousness, initial encounter
80151	OPN SKL BASE FX W/O COMA	S062X1A	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter
80152	OPN SKL BASE FX-BRF COMA	S062X2A	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80153	OPN SKL BASE FX-MOD COMA	S062X3A	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80154	OP SKL BASE FX-PROL COMA	S062X4A	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter
80155	OP SKL BASE FX-DEEP COMA	S062X5A	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, initial encounter
80156	OPN SKL BASE FX-COMA NOS	S062X6A	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80159	OPN SKUL BASE FX-CONCUSS	S062X7A	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80160	OP SKL BASE FX/CEREB LAC	S062X8A	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80161	OPN SKL BASE FX W/O COMA	S062X9A	Diffuse traumatic brain injury with loss of consciousness of unspecified duration, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80162	OPN SKL BASE FX-BRF COMA	S06300A	Unspecified focal traumatic brain injury without loss of consciousness, initial encounter
80163	OPN SKL BASE FX-MOD COMA	S06301A	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter
80164	OP SKL BASE FX-PROL COMA	S06302A	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80165	OP SKL BASE FX-DEEP COMA	S06303A	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80166	OPN SKL BASE FX-COMA NOS	S06304A	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter
80169	OPN SKUL BASE FX-CONCUSS	S06305A	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
80170	OP SKL BASE FX/MENIN HEM	S06306A	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80171	OPN SKL BASE FX W/O COMA	S06307A	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80172	OPN SKL BASE FX-BRF COMA	S06308A	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80173	OPN SKL BASE FX-MOD COMA	S06309A	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration, initial encounter
80174	OP SKL BASE FX-PROL COMA	S06310A	Contusion and laceration of right cerebrum without loss of consciousness, initial encounter
80175	OP SKL BASE FX-DEEP COMA	S06311A	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80176	OPN SKL BASE FX-COMA NOS	S06312A	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80179	OPN SKUL BASE FX-CONCUSS	S06313A	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80180	OPN SKUL BASE FX/HEM NEC	S06314A	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter
80181	OPN SKL BASE FX W/O COMA	S06315A	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
80182	OPN SKL BASE FX-BRF COMA	S06316A	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80183	OPN SKL BASE FX-MOD COMA	S06317A	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80184	OP SKL BASE FX-PROL COMA	S06318A	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80185	OP SKL BASE FX-DEEP COMA	S06319A	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, initial encounter
80186	OPN SKL BASE FX-COMA NOS	S06320A	Contusion and laceration of left cerebrum without loss of consciousness, initial encounter
80189	OPN SKUL BASE FX-CONCUSS	S06321A	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter
80190	OP SK BASE FX/BR INJ NEC	S06322A	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80191	OP SKUL BASE FX W/O COMA	S06323A	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80192	OPN SKL BASE FX-BRF COMA	S06324A	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter
80193	OPN SKL BASE FX-MOD COMA	S06325A	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
80194	OP SKL BASE FX-PROL COMA	S06326A	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80195	OP SKL BASE FX-DEEP COMA	S06327A	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80196	OPN SKL BASE FX-COMA NOS	S06328A	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80199	OPN SKUL BASE FX-CONCUSS	S06329A	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, initial encounter
8020	NASAL BONE FX-CLOSED	S06330A	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter
8021	NASAL BONE FX-OPEN	S06331A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter
80220	MANDIBLE FX NOS-CLOSED	S06332A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80221	FX CONDYL PROC MANDIB-CL	S06333A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80222	SUBCONDYLAR FX MANDIB-CL	S06334A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter
80223	FX CORON PROC MANDIB-CL	S06335A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
80224	FX RAMUS NOS-CLOSED	S06336A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80225	FX ANGLE OF JAW-CLOSED	S06337A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80226	FX SYMPHY MANDIB BODY-CL	S06338A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80227	FX ALVEOLAR BORD MAND-CL	S06339A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter
80228	FX MANDIBLE BODY NEC-CL	S06340A	Traumatic hemorrhage of right cerebrum without loss of consciousness, initial encounter
80229	MULT FX MANDIBLE-CLOSED	S06341A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter
80230	MANDIBLE FX NOS-OPEN	S06342A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80231	FX CONDYL PROC MAND-OPEN	S06343A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80232	SUBCONDYL FX MANDIB-OPEN	S06344A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter
80233	FX CORON PROC MANDIB-OPN	S06345A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
80234	FX RAMUS NOS-OPEN	S06346A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80235	FX ANGLE OF JAW-OPEN	S06347A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80236	FX SYMPHY MANDIB BDY-OPN	S06348A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80237	FX ALV BORD MAND BDY-OPN	S06349A	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, initial encounter
80238	FX MANDIBLE BODY NEC-OPN	S06350A	Traumatic hemorrhage of left cerebrum without loss of consciousness, initial encounter
80239	MULT FX MANDIBLE-OPEN	S06351A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter
8024	FX MALAR/MAXILLARY-CLOSE	S06352A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter
8025	FX MALAR/MAXILLARY-OPEN	S06353A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter
8026	FX ORBITAL FLOOR-CLOSED	S06354A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter
8027	FX ORBITAL FLOOR-OPEN	S06355A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

8028	FX FACIAL BONE NEC-CLOSE	S06356A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
8029	FX FACIAL BONE NEC-OPEN	S06357A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80300	CLOSE SKULL FRACTURE NEC	S06358A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80301	CL SKULL FX NEC W/O COMA	S06359A	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, initial encounter
80302	CL SKULL FX NEC-BRF COMA	S06360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter
80303	CL SKULL FX NEC-MOD COMA	S06361A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter
80304	CL SKL FX NEC-PROLN COMA	S06362A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80305	CL SKUL FX NEC-DEEP COMA	S06363A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter
80306	CL SKULL FX NEC-COMA NOS	S06364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter
80309	CL SKULL FX NEC-CONCUSS	S06365A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80310	CL SKL FX NEC/CEREBR LAC	S06366A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80311	CL SKULL FX NEC W/O COMA	S06367A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80312	CL SKULL FX NEC-BRF COMA	S06368A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80313	CL SKULL FX NEC-MOD COMA	S06369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter
80314	CL SKL FX NEC-PROLN COMA	S06370A	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, initial encounter
80315	CL SKUL FX NEC-DEEP COMA	S06371A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, initial encounter
80316	CL SKULL FX NEC-COMA NOS	S06372A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80319	CL SKULL FX NEC-CONCUSS	S06373A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80320	CL SKL FX NEC/MENING HEM	S06374A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, initial encounter
80321	CL SKULL FX NEC W/O COMA	S06375A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80322	CL SKULL FX NEC-BRF COMA	S06376A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80323	CL SKULL FX NEC-MOD COMA	S06377A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80324	CL SKL FX NEC-PROLN COMA	S06378A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80325	CL SKUL FX NEC-DEEP COMA	S06379A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, initial encounter
80326	CL SKULL FX NEC-COMA NOS	S06380A	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter
80329	CL SKULL FX NEC-CONCUSS	S06381A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, initial encounter
80330	CL SKULL FX NEC/HEM NEC	S06382A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80331	CL SKULL FX NEC W/O COMA	S06383A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80332	CL SKULL FX NEC-BRF COMA	S06384A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, initial encounter
80333	CL SKULL FX NEC-MOD COMA	S06385A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80334	CL SKL FX NEC-PROLN COMA	S06386A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80335	CL SKUL FX NEC-DEEP COMA	S06387A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80336	CL SKULL FX NEC-COMA NOS	S06388A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80339	CL SKULL FX NEC-CONCUSS	S06389A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, initial encounter
80340	CL SKL FX NEC/BR INJ NEC	S064X0A	Epidural hemorrhage without loss of consciousness, initial encounter
80341	CL SKULL FX NEC W/O COMA	S064X1A	Epidural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter
80342	CL SKULL FX NEC-BRF COMA	S064X2A	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80343	CL SKULL FX NEC-MOD COMA	S064X3A	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80344	CL SKL FX NEC-PROLN COMA	S064X4A	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter
80345	CL SKUL FX NEC-DEEP COMA	S064X5A	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
80346	CL SKULL FX NEC-COMA NOS	S064X6A	Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80349	CL SKULL FX NEC-CONCUSS	S064X7A	Epidural hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80350	OPEN SKULL FRACTURE NEC	S064X8A	Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness, initial encounter
80351	OPN SKUL FX NEC W/O COMA	S064X9A	Epidural hemorrhage with loss of consciousness of unspecified duration, initial encounter
80352	OPN SKUL FX NEC-BRF COMA	S065X0A	Traumatic subdural hemorrhage without loss of consciousness, initial encounter
80353	OPN SKUL FX NEC-MOD COMA	S065X1A	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter
80354	OPN SKL FX NEC-PROL COMA	S065X2A	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80355	OPN SKL FX NEC-DEEP COMA	S065X3A	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80356	OPN SKUL FX NEC-COMA NOS	S065X4A	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter
80359	OPN SKULL FX NEC-CONCUSS	S065X5A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
80360	OPN SKL FX NEC/CEREB LAC	S065X6A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80361	OPN SKUL FX NEC W/O COMA	S065X7A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80362	OPN SKUL FX NEC-BRF COMA	S065X8A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness, initial encounter
80363	OPN SKUL FX NEC-MOD COMA	S065X9A	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial encounter
80364	OPN SKL FX NEC-PROLN COM	S066X0A	Traumatic subarachnoid hemorrhage without loss of consciousness, initial encounter
80365	OPN SKL FX NEC-DEEP COMA	S066X1A	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, initial encounter
80366	OPN SKUL FX NEC-COMA NOS	S066X2A	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80369	OPN SKULL FX NEC-CONCUSS	S066X3A	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80370	OPN SKL FX NEC/MENIN HEM	S066X4A	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter
80371	OPN SKUL FX NEC W/O COMA	S066X5A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
80372	OPN SKUL FX NEC-BRF COMA	S066X6A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80373	OPN SKUL FX NEC-MOD COMA	S066X7A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80374	OPN SKL FX NEC-PROL COMA	S066X8A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80375	OPN SKL FX NEC-DEEP COMA	S066X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80376	OPN SKUL FX NEC-COMA NOS	S06810A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter
80379	OPN SKULL FX NEC-CONCUSS	S06811A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter
80380	OPN SKULL FX NEC/HEM NEC	S06812A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80381	OPN SKUL FX NEC W/O COMA	S06813A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80382	OPN SKUL FX NEC-BRF COMA	S06814A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter
80383	OPN SKUL FX NEC-MOD COMA	S06815A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
80384	OPN SKL FX NEC-PROL COMA	S06816A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80385	OPN SKL FX NEC-DEEP COMA	S06817A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80386	OPN SKUL FX NEC-COMA NOS	S06818A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80389	OPN SKULL FX NEC-CONCUSS	S06819A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter
80390	OP SKL FX NEC/BR INJ NEC	S06820A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter
80391	OPN SKUL FX NEC W/O COMA	S06821A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter
80392	OPN SKUL FX NEC-BRF COMA	S06822A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80393	OPN SKUL FX NEC-MOD COMA	S06823A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80394	OPN SKL FX NEC-PROL COMA	S06824A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter
80395	OPN SKL FX NEC-DEEP COMA	S06825A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
80396	OPN SKUL FX NEC-COMA NOS	S06826A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80399	OPN SKULL FX NEC-CONCUSS	S06827A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80400	CL SKUL FX W OTH BONE FX	S06828A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80401	CL SKL W OTH FX W/O COMA	S06829A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter
80402	CL SKL W OTH FX-BRF COMA	S06890A	Other specified intracranial injury without loss of consciousness, initial encounter
80403	CL SKL W OTH FX-MOD COMA	S06891A	Other specified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter
80404	CL SKL/OTH FX-PROLN COMA	S06892A	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80405	CL SKUL/OTH FX-DEEP COMA	S06893A	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80406	CL SKL W OTH FX-COMA NOS	S06894A	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter
80409	CL SKUL W OTH FX-CONCUSS	S06895A	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
80410	CL SK W OTH FX/CEREB LAC	S06896A	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80411	CL SKL W OTH FX W/O COMA	S06897A	Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80412	CL SKL W OTH FX-BRF COMA	S06898A	Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80413	CL SKL W OTH FX-MOD COMA	S06899A	Other specified intracranial injury with loss of consciousness of unspecified duration, initial encounter
80414	CL SKL/OTH FX-PROLN COMA	S069X0A	Unspecified intracranial injury without loss of consciousness, initial encounter
80415	CL SKUL/OTH FX-DEEP COMA	S069X1A	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter
80416	CL SKL W OTH FX-COMA NOS	S069X2A	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter
80419	CL SKUL W OTH FX-CONCUSS	S069X3A	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
80420	CL SKL/OTH FX/MENING HEM	S069X4A	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter
80421	CL SKL W OTH FX W/O COMA	S069X5A	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
80422	CL SKL W OTH FX-BRF COMA	S069X6A	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
80423	CL SKL W OTH FX-MOD COMA	S069X7A	Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
80424	CL SKL/OTH FX-PROLN COMA	S069X8A	Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
80425	CL SKUL/OTH FX-DEEP COMA	S069X9A	Unspecified intracranial injury with loss of consciousness of unspecified duration, initial encounter
80426	CL SKL W OTH FX-COMA NOS	S12000A	Unspecified displaced fracture of first cervical vertebra, initial encounter for closed fracture
80429	CL SKUL W OTH FX-CONCUSS	S12000B	Unspecified displaced fracture of first cervical vertebra, initial encounter for open fracture
80430	CL SKUL W OTH FX/HEM NEC	S12001A	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for closed fracture

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80431	CL SKL W OTH FX W/O COMA	S12001B	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for open fracture
80432	CL SKL W OTH FX-BRF COMA	S1201XA	Stable burst fracture of first cervical vertebra, initial encounter for closed fracture
80433	CL SKL W OTH FX-MOD COMA	S1201XB	Stable burst fracture of first cervical vertebra, initial encounter for open fracture
80434	CL SKL/OTH FX-PROLN COMA	S1202XA	Unstable burst fracture of first cervical vertebra, initial encounter for closed fracture
80435	CL SKUL/OTH FX-DEEP COMA	S1202XB	Unstable burst fracture of first cervical vertebra, initial encounter for open fracture
80436	CL SKL W OTH FX-COMA NOS	S12030A	Displaced posterior arch fracture of first cervical vertebra, initial encounter for closed fracture
80439	CL SKUL W OTH FX-CONCUSS	S12030B	Displaced posterior arch fracture of first cervical vertebra, initial encounter for open fracture
80440	CL SKL/OTH FX/BR INJ NEC	S12031A	Nondisplaced posterior arch fracture of first cervical vertebra, initial encounter for closed fracture
80441	CL SKL W OTH FX W/O COMA	S12031B	Nondisplaced posterior arch fracture of first cervical vertebra, initial encounter for open fracture
80442	CL SKL W OTH FX-BRF COMA	S12040A	Displaced lateral mass fracture of first cervical vertebra, initial encounter for closed fracture
80443	CL SKL W OTH FX-MOD COMA	S12040B	Displaced lateral mass fracture of first cervical vertebra, initial encounter for open fracture
80444	CL SKL/OTH FX-PROLN COMA	S12041A	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for closed fracture
80445	CL SKUL/OTH FX-DEEP COMA	S12041B	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for open fracture
80446	CL SKL W OTH FX-COMA NOS	S12090A	Other displaced fracture of first cervical vertebra, initial encounter for closed fracture
80449	CL SKUL W OTH FX-CONCUSS	S12090B	Other displaced fracture of first cervical vertebra, initial encounter for open fracture
80450	OPN SKULL FX/OTH BONE FX	S12091A	Other nondisplaced fracture of first cervical vertebra, initial encounter for closed fracture

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80451	OPN SKUL/OTH FX W/O COMA	S12091B	Other nondisplaced fracture of first cervical vertebra, initial encounter for open fracture
80452	OPN SKUL/OTH FX-BRF COMA	S12100A	Unspecified displaced fracture of second cervical vertebra, initial encounter for closed fracture
80453	OPN SKUL/OTH FX-MOD COMA	S12100B	Unspecified displaced fracture of second cervical vertebra, initial encounter for open fracture
80454	OPN SKL/OTH FX-PROL COMA	S12101A	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter for closed fracture
80455	OPN SKL/OTH FX-DEEP COMA	S12101B	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter for open fracture
80456	OPN SKUL/OTH FX-COMA NOS	S12110A	Anterior displaced Type II dens fracture, initial encounter for closed fracture
80459	OPN SKULL/OTH FX-CONCUSS	S12110B	Anterior displaced Type II dens fracture, initial encounter for open fracture
80460	OPN SKL/OTH FX/CEREB LAC	S12111A	Posterior displaced Type II dens fracture, initial encounter for closed fracture
80461	OPN SKUL/OTH FX W/O COMA	S12111B	Posterior displaced Type II dens fracture, initial encounter for open fracture
80462	OPN SKUL/OTH FX-BRF COMA	S12112A	Nondisplaced Type II dens fracture, initial encounter for closed fracture
80463	OPN SKUL/OTH FX-MOD COMA	S12112B	Nondisplaced Type II dens fracture, initial encounter for open fracture
80464	OPN SKL/OTH FX-PROL COMA	S12120A	Other displaced dens fracture, initial encounter for closed fracture
80465	OPN SKL/OTH FX-DEEP COMA	S12120B	Other displaced dens fracture, initial encounter for open fracture
80466	OPN SKUL/OTH FX-COMA NOS	S12121A	Other nondisplaced dens fracture, initial encounter for closed fracture
80469	OPN SKULL/OTH FX-CONCUSS	S12121B	Other nondisplaced dens fracture, initial encounter for open fracture

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80470	OPN SKL/OTH FX/MENIN HEM	S12130A	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture
80471	OPN SKUL/OTH FX W/O COMA	S12130B	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture
80472	OPN SKUL/OTH FX-BRF COMA	S12131A	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture
80473	OPN SKUL/OTH FX-MOD COMA	S12131B	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture
80474	OPN SKL/OTH FX-PROL COMA	S1214XA	Type III traumatic spondylolisthesis of second cervical vertebra, initial encounter for closed fracture
80475	OPN SKL/OTH FX-DEEP COMA	S1214XB	Type III traumatic spondylolisthesis of second cervical vertebra, initial encounter for open fracture
80476	OPN SKUL/OTH FX-COMA NOS	S12150A	Other traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture
80479	OPN SKULL/OTH FX-CONCUSS	S12150B	Other traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture
80480	OPN SKL W OTH FX/HEM NEC	S12151A	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture
80481	OPN SKUL/OTH FX W/O COMA	S12151B	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture
80482	OPN SKUL/OTH FX-BRF COMA	S12190A	Other displaced fracture of second cervical vertebra, initial encounter for closed fracture
80483	OPN SKUL/OTH FX-MOD COMA	S12190B	Other displaced fracture of second cervical vertebra, initial encounter for open fracture
80484	OPN SKL/OTH FX-PROL COMA	S12191A	Other nondisplaced fracture of second cervical vertebra, initial encounter for closed fracture
80485	OPN SKL/OTH FX-DEEP COMA	S12191B	Other nondisplaced fracture of second cervical vertebra, initial encounter for open fracture

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80486	OPN SKUL/OTH FX-COMA NOS	S12200A	Unspecified displaced fracture of third cervical vertebra, initial encounter for closed fracture
80489	OPN SKULL/OTH FX-CONCUSS	S12200B	Unspecified displaced fracture of third cervical vertebra, initial encounter for open fracture
80490	OP SKL/OTH FX/BR INJ NEC	S12201A	Unspecified nondisplaced fracture of third cervical vertebra, initial encounter for closed fracture
80491	OPN SKUL/OTH FX W/O COMA	S12201B	Unspecified nondisplaced fracture of third cervical vertebra, initial encounter for open fracture
80492	OPN SKUL/OTH FX-BRF COMA	S12230A	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture
80493	OPN SKUL/OTH FX-MOD COMA	S12230B	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture
80494	OPN SKL/OTH FX-PROL COMA	S12231A	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture
80495	OPN SKL/OTH FX-DEEP COMA	S12231B	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture
80496	OPN SKUL/OTH FX-COMA NOS	S1224XA	Type III traumatic spondylolisthesis of third cervical vertebra, initial encounter for closed fracture
80499	OPN SKULL/OTH FX-CONCUSS	S1224XB	Type III traumatic spondylolisthesis of third cervical vertebra, initial encounter for open fracture
80500	FX CERVICAL VERT NOS-CL	S12250A	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture
80501	FX C1 VERTEBRA-CLOSED	S12250B	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture
80502	FX C2 VERTEBRA-CLOSED	S12251A	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture
80503	FX C3 VERTEBRA-CLOSED	S12251B	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture
80504	FX C4 VERTEBRA-CLOSED	S12290A	Other displaced fracture of third cervical vertebra, initial encounter for closed fracture

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80505	FX C5 VERTEBRA-CLOSED	S12290B	Other displaced fracture of third cervical vertebra, initial encounter for open fracture
80506	FX C6 VERTEBRA-CLOSED	S12291A	Other nondisplaced fracture of third cervical vertebra, initial encounter for closed fracture
80507	FX C7 VERTEBRA-CLOSED	S12291B	Other nondisplaced fracture of third cervical vertebra, initial encounter for open fracture
80508	FX MULT CERVICAL VERT-CL	S12300A	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for closed fracture
80510	FX CERVICAL VERT NOS-OPN	S12300B	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for open fracture
80511	FX C1 VERTEBRA-OPEN	S12301A	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter for closed fracture
80512	FX C2 VERTEBRA-OPEN	S12301B	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter for open fracture
80513	FX C3 VERTEBRA-OPEN	S12330A	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture
80514	FX C4 VERTEBRA-OPEN	S12330B	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture
80515	FX C5 VERTEBRA-OPEN	S12331A	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture
80516	FX C6 VERTEBRA-OPEN	S12331B	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture
80517	FX C7 VERTEBRA-OPEN	S1234XA	Type III traumatic spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture
80518	FX MLT CERVICAL VERT-OPN	S1234XB	Type III traumatic spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture
80600	C1-C4 FX-CL/CORD INJ NOS	S12350A	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80601	C1-C4 FX-CL/COM CORD LES	S12350B	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture
80602	C1-C4 FX-CL/ANT CORD SYN	S12351A	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture
80603	C1-C4 FX-CL/CEN CORD SYN	S12351B	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture
80604	C1-C4 FX-CL/CORD INJ NEC	S12390A	Other displaced fracture of fourth cervical vertebra, initial encounter for closed fracture
80605	C5-C7 FX-CL/CORD INJ NOS	S12390B	Other displaced fracture of fourth cervical vertebra, initial encounter for open fracture
80606	C5-C7 FX-CL/COM CORD LES	S12391A	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for closed fracture
80607	C5-C7 FX-CL/ANT CORD SYN	S12391B	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for open fracture
80608	C5-C7 FX-CL/CEN CORD SYN	S12400A	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for closed fracture
80609	C5-C7 FX-CL/CORD INJ NEC	S12400B	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for open fracture
80610	C1-C4 FX-OP/CORD INJ NOS	S12401A	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for closed fracture
80611	C1-C4 FX-OP/COM CORD LES	S12401B	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for open fracture
80612	C1-C4 FX-OP/ANT CORD SYN	S12430A	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture
80613	C1-C4 FX-OP/CEN CORD SYN	S12430B	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture
80614	C1-C4 FX-OP/CORD INJ NEC	S12431A	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture
80615	C5-C7 FX-OP/CORD INJ NOS	S12431B	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

80616	C5-C7 FX-OP/COM CORD LES	S1244XA	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture
80617	C5-C7 FX-OP/ANT CORD SYN	S1244XB	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture
80618	C5-C7 FX-OP/CEN CORD SYN	S12450A	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture
80619	C5-C7 FX-OP/CORD INJ NEC	S12450B	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture
8500	CONCUSSION W/O COMA	S12451A	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture
8501	CONCUSSION-BRIEF COMA	S12451B	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture
85011	CONCUS-BRIEF COMA <31 MN	S12490A	Other displaced fracture of fifth cervical vertebra, initial encounter for closed fracture
85012	CONCUS-BRF COMA 31-59 MN	S12490B	Other displaced fracture of fifth cervical vertebra, initial encounter for open fracture
8502	CONCUSSION-MODERATE COMA	S12491A	Other nondisplaced fracture of fifth cervical vertebra, initial encounter for closed fracture
8503	CONCUSSION-PROLONG COMA	S12491B	Other nondisplaced fracture of fifth cervical vertebra, initial encounter for open fracture
8504	CONCUSSION-DEEP COMA	S12500A	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for closed fracture
8505	CONCUSSION W COMA NOS	S12500B	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for open fracture
8509	CONCUSSION NOS	S12501A	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for closed fracture
85100	CEREBRAL CORTX CONTUSION	S12501B	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for open fracture
85101	CORTEX CONTUSION-NO COMA	S12530A	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

85102	CORTEX CONTUS-BRIEF COMA	S12530B	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture
85103	CORTEX CONTUS-MOD COMA	S12531A	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture
85104	CORTX CONTUS-PROLNG COMA	S12531B	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture
85105	CORTEX CONTUS-DEEP COMA	S1254XA	Type III traumatic spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture
85106	CORTEX CONTUS-COMA NOS	S1254XB	Type III traumatic spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture
85109	CORTEX CONTUS-CONCUS NOS	S12550A	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture
85110	CORTEX CONTUSION/OPN WND	S12550B	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture
85111	OPN CORTX CONTUS-NO COMA	S12551A	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture
85112	OPN CORT CONTUS-BRF COMA	S12551B	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture
85113	OPN CORT CONTUS-MOD COMA	S12590A	Other displaced fracture of sixth cervical vertebra, initial encounter for closed fracture
85114	OPN CORT CONTU-PROL COMA	S12590B	Other displaced fracture of sixth cervical vertebra, initial encounter for open fracture
85115	OPN CORT CONTU-DEEP COMA	S12591A	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for closed fracture
85116	OPN CORT CONTUS-COMA NOS	S12591B	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for open fracture
85119	OPN CORTX CONTUS-CONCUSS	S12600A	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for closed fracture
85120	CEREBRAL CORTEX LACERAT	S12600B	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for open fracture

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

85121	CORTEX LACERAT W/O COMA	S12601A	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture
85122	CORTEX LACERA-BRIEF COMA	S12601B	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture
85123	CORTEX LACERAT-MOD COMA	S12630A	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture
85124	CORTEX LACERAT-PROL COMA	S12630B	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture
85125	CORTEX LACERAT-DEEP COMA	S12631A	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture
85126	CORTEX LACERAT-COMA NOS	S12631B	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture
85129	CORTEX LACERAT-CONCUSS	S1264XA	Type III traumatic spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture
85130	CORTEX LACER W OPN WOUND	S1264XB	Type III traumatic spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture
85131	OPN CORTEX LACER-NO COMA	S12650A	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture
85132	OPN CORTX LAC-BRIEF COMA	S12650B	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture
85133	OPN CORTX LACER-MOD COMA	S12651A	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture
85134	OPN CORTX LAC-PROLN COMA	S12651B	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture
85135	OPN CORTEX LAC-DEEP COMA	S12690A	Other displaced fracture of seventh cervical vertebra, initial encounter for closed fracture

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

85136	OPN CORTX LACER-COMA NOS	S12690B	Other displaced fracture of seventh cervical vertebra, initial encounter for open fracture
85139	OPN CORTX LACER-CONCUSS	S12691A	Other nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture
85140	CEREBEL/BRAIN STM CONTUS	S12691B	Other nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture
85141	CEREBELL CONTUS W/O COMA	S129XXA	Fracture of neck, unspecified, initial encounter
85142	CEREBELL CONTUS-BRF COMA	S140XXA	Concussion and edema of cervical spinal cord, initial encounter
85143	CEREBELL CONTUS-MOD COMA	S14101A	Unspecified injury at C1 level of cervical spinal cord, initial encounter
85144	CEREBEL CONTUS-PROL COMA	S14102A	Unspecified injury at C2 level of cervical spinal cord, initial encounter
85145	CEREBEL CONTUS-DEEP COMA	S14103A	Unspecified injury at C3 level of cervical spinal cord, initial encounter
85146	CEREBELL CONTUS-COMA NOS	S14104A	Unspecified injury at C4 level of cervical spinal cord, initial encounter
85149	CEREBELL CONTUS-CONCUSS	S14105A	Unspecified injury at C5 level of cervical spinal cord, initial encounter
85150	CEREBEL CONTUS W OPN WND	S14106A	Unspecified injury at C6 level of cervical spinal cord, initial encounter
85151	OPN CEREBE CONT W/O COMA	S14107A	Unspecified injury at C7 level of cervical spinal cord, initial encounter
85152	OPN CEREBE CONT-BRF COMA	S14108A	Unspecified injury at C8 level of cervical spinal cord, initial encounter
85153	OPN CEREBE CONT-MOD COMA	S14111A	Complete lesion at C1 level of cervical spinal cord, initial encounter
85154	OPN CEREBE CONT-PROL COM	S14112A	Complete lesion at C2 level of cervical spinal cord, initial encounter
85155	OPN CEREBE CONT-DEEP COM	S14113A	Complete lesion at C3 level of cervical spinal cord, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

85156	OPN CEREBE CONT-COMA NOS	S14114A	Complete lesion at C4 level of cervical spinal cord, initial encounter
85159	OPN CEREBEL CONT-CONCUSS	S14115A	Complete lesion at C5 level of cervical spinal cord, initial encounter
85160	CEREBEL/BRAIN STEM LACER	S14116A	Complete lesion at C6 level of cervical spinal cord, initial encounter
85161	CEREBEL LACERAT W/O COMA	S14117A	Complete lesion at C7 level of cervical spinal cord, initial encounter
85162	CEREBEL LACER-BRIEF COMA	S14118A	Complete lesion at C8 level of cervical spinal cord, initial encounter
85163	CEREBEL LACERAT-MOD COMA	S14121A	Central cord syndrome at C1 level of cervical spinal cord, initial encounter
85164	CEREBEL LACER-PROLN COMA	S14122A	Central cord syndrome at C2 level of cervical spinal cord, initial encounter
85165	CEREBELL LACER-DEEP COMA	S14123A	Central cord syndrome at C3 level of cervical spinal cord, initial encounter
85166	CEREBEL LACERAT-COMA NOS	S14124A	Central cord syndrome at C4 level of cervical spinal cord, initial encounter
85169	CEREBEL LACER-CONCUSSION	S14125A	Central cord syndrome at C5 level of cervical spinal cord, initial encounter
85170	CEREBEL LACER W OPEN WND	S14126A	Central cord syndrome at C6 level of cervical spinal cord, initial encounter
85171	OPN CEREBEL LAC W/O COMA	S14127A	Central cord syndrome at C7 level of cervical spinal cord, initial encounter
85172	OPN CEREBEL LAC-BRF COMA	S14128A	Central cord syndrome at C8 level of cervical spinal cord, initial encounter
85173	OPN CEREBEL LAC-MOD COMA	S14131A	Anterior cord syndrome at C1 level of cervical spinal cord, initial encounter
85174	OPN CEREBE LAC-PROL COMA	S14132A	Anterior cord syndrome at C2 level of cervical spinal cord, initial encounter
85175	OPN CEREBE LAC-DEEP COMA	S14133A	Anterior cord syndrome at C3 level of cervical spinal cord, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

85176	OPN CEREBEL LAC-COMA NOS	S14134A	Anterior cord syndrome at C4 level of cervical spinal cord, initial encounter
85179	OPN CEREBELL LAC-CONCUSS	S14135A	Anterior cord syndrome at C5 level of cervical spinal cord, initial encounter
85180	BRAIN LACERATION NEC	S14136A	Anterior cord syndrome at C6 level of cervical spinal cord, initial encounter
85181	BRAIN LACER NEC W/O COMA	S14137A	Anterior cord syndrome at C7 level of cervical spinal cord, initial encounter
85182	BRAIN LAC NEC-BRIEF COMA	S14138A	Anterior cord syndrome at C8 level of cervical spinal cord, initial encounter
85183	BRAIN LACER NEC-MOD COMA	S14141A	Brown-Sequard syndrome at C1 level of cervical spinal cord, initial encounter
85184	BRAIN LAC NEC-PROLN COMA	S14142A	Brown-Sequard syndrome at C2 level of cervical spinal cord, initial encounter
85185	BRAIN LAC NEC-DEEP COMA	S14143A	Brown-Sequard syndrome at C3 level of cervical spinal cord, initial encounter
85186	BRAIN LACER NEC-COMA NOS	S14144A	Brown-Sequard syndrome at C4 level of cervical spinal cord, initial encounter
85189	BRAIN LACER NEC-CONCUSS	S14145A	Brown-Sequard syndrome at C5 level of cervical spinal cord, initial encounter
85190	BRAIN LAC NEC W OPEN WND	S14146A	Brown-Sequard syndrome at C6 level of cervical spinal cord, initial encounter
85191	OPN BRAIN LACER W/O COMA	S14147A	Brown-Sequard syndrome at C7 level of cervical spinal cord, initial encounter
85192	OPN BRAIN LAC-BRIEF COMA	S14148A	Brown-Sequard syndrome at C8 level of cervical spinal cord, initial encounter
85193	OPN BRAIN LACER-MOD COMA	S14151A	Other incomplete lesion at C1 level of cervical spinal cord, initial encounter
85194	OPN BRAIN LAC-PROLN COMA	S14152A	Other incomplete lesion at C2 level of cervical spinal cord, initial encounter
85195	OPEN BRAIN LAC-DEEP COMA	S14153A	Other incomplete lesion at C3 level of cervical spinal cord, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

85196	OPN BRAIN LACER-COMA NOS	S14154A	Other incomplete lesion at C4 level of cervical spinal cord, initial encounter
85199	OPEN BRAIN LACER-CONCUSS	S14155A	Other incomplete lesion at C5 level of cervical spinal cord, initial encounter
85200	TRAUM SUBARACHNOID HEM	S14156A	Other incomplete lesion at C6 level of cervical spinal cord, initial encounter
85201	SUBARACHNOID HEM-NO COMA	S14157A	Other incomplete lesion at C7 level of cervical spinal cord, initial encounter
85202	SUBARACH HEM-BRIEF COMA	S14158A	Other incomplete lesion at C8 level of cervical spinal cord, initial encounter
85203	SUBARACH HEM-MOD COMA	S240XXA	Concussion and edema of thoracic spinal cord, initial encounter
85204	SUBARACH HEM-PROLNG COMA	S24101A	Unspecified injury at T1 level of thoracic spinal cord, initial encounter
85205	SUBARACH HEM-DEEP COMA	S24102A	Unspecified injury at T2-T6 level of thoracic spinal cord, initial encounter
85206	SUBARACH HEM-COMA NOS	S24103A	Unspecified injury at T7-T10 level of thoracic spinal cord, initial encounter
85209	SUBARACH HEM-CONCUSSION	S24104A	Unspecified injury at T11-T12 level of thoracic spinal cord, initial encounter
85210	SUBARACH HEM W OPN WOUND	S24111A	Complete lesion at T1 level of thoracic spinal cord, initial encounter
85211	OPN SUBARACH HEM-NO COMA	S24112A	Complete lesion at T2-T6 level of thoracic spinal cord, initial encounter
85212	OP SUBARACH HEM-BRF COMA	S24113A	Complete lesion at T7-T10 level of thoracic spinal cord, initial encounter
85213	OP SUBARACH HEM-MOD COMA	S24114A	Complete lesion at T11-T12 level of thoracic spinal cord, initial encounter
85214	OP SUBARACH HEM-PROL COM	S24131A	Anterior cord syndrome at T1 level of thoracic spinal cord, initial encounter
85215	OP SUBARACH HEM-DEEP COM	S24132A	Anterior cord syndrome at T2-T6 level of thoracic spinal cord, initial encounter

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

85216	OP SUBARACH HEM-COMA NOS	S24133A	Anterior cord syndrome at T7-T10 level of thoracic spinal cord, initial encounter
85219	OPN SUBARACH HEM-CONCUSS	S24134A	Anterior cord syndrome at T11-T12 level of thoracic spinal cord, initial encounter
85220	TRAUMATIC SUBDURAL HEM	S24141A	Brown-Sequard syndrome at T1 level of thoracic spinal cord, initial encounter
85221	SUBDURAL HEM W/O COMA	S24142A	Brown-Sequard syndrome at T2-T6 level of thoracic spinal cord, initial encounter
85222	SUBDURAL HEM-BRIEF COMA	S24143A	Brown-Sequard syndrome at T7-T10 level of thoracic spinal cord, initial encounter
85223	SUBDURAL HEMORR-MOD COMA	S24144A	Brown-Sequard syndrome at T11-T12 level of thoracic spinal cord, initial encounter
85224	SUBDURAL HEM-PROLNG COMA	S24151A	Other incomplete lesion at T1 level of thoracic spinal cord, initial encounter
85225	SUBDURAL HEM-DEEP COMA	S24152A	Other incomplete lesion at T2-T6 level of thoracic spinal cord, initial encounter
85226	SUBDURAL HEMORR-COMA NOS	S24153A	Other incomplete lesion at T7-T10 level of thoracic spinal cord, initial encounter
85229	SUBDURAL HEM-CONCUSSION	S24154A	Other incomplete lesion at T11-T12 level of thoracic spinal cord, initial encounter
85230	SUBDURAL HEM W OPN WOUND		
85231	OPEN SUBDUR HEM W/O COMA		
85232	OPN SUBDUR HEM-BRF COMA		
85233	OPN SUBDUR HEM-MOD COMA		
85234	OPN SUBDUR HEM-PROL COMA		
85235	OPN SUBDUR HEM-DEEP COMA		
85236	OPN SUBDUR HEM-COMA NOS		
85239	OPN SUBDUR HEM-CONCUSS		
85240	TRAUMATIC EXTRADURAL HEM		
85241	EXTRADURAL HEM W/O COMA		
85242	EXTRADUR HEM-BRIEF COMA		
85243	EXTRADURAL HEM-MOD COMA		

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

85244	EXTRADUR HEM-PROLN COMA
85245	EXTRADURAL HEM-DEEP COMA
85246	EXTRADURAL HEM-COMA NOS
85249	EXTRADURAL HEM-CONCUSS
85250	EXTRADURAL HEM W OPN WND
85251	EXTRADURAL HEMOR-NO COMA
85252	EXTRADUR HEM-BRIEF COMA
85253	EXTRADURAL HEM-MOD COMA
85254	EXTRADUR HEM-PROLN COMA
85255	EXTRADUR HEM-DEEP COMA
85256	EXTRADURAL HEM-COMA NOS
85259	EXTRADURAL HEM-CONCUSS
85300	TRAUMATIC BRAIN HEM NEC
85301	BRAIN HEM NEC W/O COMA
85302	BRAIN HEM NEC-BRIEF COMA
85303	BRAIN HEM NEC-MOD COMA
85304	BRAIN HEM NEC-PROLN COMA
85305	BRAIN HEM NEC-DEEP COMA
85306	BRAIN HEM NEC-COMA NOS
85309	BRAIN HEM NEC-CONCUSSION
85310	BRAIN HEM NEC W OPN WND
85311	BRAIN HEM OPN W/O COMA
85312	BRAIN HEM OPN-BRF COMA
85313	BRAIN HEM OPEN-MOD COMA
85314	BRAIN HEM OPN-PROLN COMA
85315	BRAIN HEM OPEN-DEEP COMA
85316	BRAIN HEM OPEN-COMA NOS
85319	BRAIN HEM OPN-CONCUSSION
85400	BRAIN INJURY NEC
85401	BRAIN INJURY NEC-NO COMA
85402	BRAIN INJ NEC-BRIEF COMA
85403	BRAIN INJ NEC-MOD COMA

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

85404	BRAIN INJ NEC-PROLN COMA
85405	BRAIN INJ NEC-DEEP COMA
85406	BRAIN INJ NEC-COMA NOS
85409	BRAIN INJ NEC-CONCUSSION
85410	BRAIN INJURY W OPN WND
85411	OPN BRAIN INJ W/O COMA
85412	OPN BRAIN INJ-BRIEF COMA
85413	OPN BRAIN INJ-MOD COMA
85414	OPN BRAIN INJ-PROLN COMA
85415	OPN BRAIN INJ-DEEP COMA
85416	OPEN BRAIN INJ-COMA NOS
85419	OPN BRAIN INJ-CONCUSSION
9500	OPTIC NERVE INJURY
9501	INJURY TO OPTIC CHIASM
9502	INJURY TO OPTIC PATHWAYS
9503	INJURY TO VISUAL CORTEX
9509	INJ OPTIC NERV/PATH NOS
9510	INJURY OCULOMOTOR NERVE
9511	INJURY TROCHLEAR NERVE
9512	INJURY TRIGEMINAL NERVE
9513	INJURY ABDUCENS NERVE
9514	INJURY TO FACIAL NERVE
9515	INJURY TO ACOUSTIC NERVE
9516	INJURY ACCESSORY NERVE
9517	INJURY HYPOGLOSSAL NERVE
9518	INJURY CRANIAL NERVE NEC
9519	INJURY CRANIAL NERVE NOS
95200	C1-C4 SPIN CORD INJ NOS
95201	COMPLETE LES CORD/C1-C4
95202	ANTERIOR CORD SYND/C1-C4
95203	CENTRAL CORD SYND/C1-C4
95204	C1-C4 SPIN CORD INJ NEC

IQI #13 Craniotomy Mortality Rate

www.qualityindicators.ahrq.gov

95205	C5-C7 SPIN CORD INJ NOS
95206	COMPLETE LES CORD/C5-C7
95207	ANTERIOR CORD SYND/C5-C7
95208	CENTRAL CORD SYND/C5-C7
95209	C5-C7 SPIN CORD INJ NEC
95210	T1-T6 SPIN CORD INJ NOS
95211	COMPLETE LES CORD/T1-T6
95212	ANTERIOR CORD SYND/T1-T6
95213	CENTRAL CORD SYND/T1-T6
95214	T1-T6 SPIN CORD INJ NEC
95215	T7-T12 SPIN CORD INJ NOS
95216	COMPLETE LES CORD/T7-T12
95217	ANTERIOR CORD SYN/T7-T12
95218	CENTRAL CORD SYN/T7-T12
95219	T7-T12 SPIN CORD INJ NEC