

| Position of physician completing data sheet | | | | |
|---|-----------|---------|----------------------|--------------------|
| EmplType | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 18 | 0.04 | 18 | 0.04 |
| Nurse Practitioner | 1974 | 4.55 | 1992 | 4.59 |
| Physician Assistant | 1051 | 2.42 | 3043 | 7.01 |
| Resident | 14333 | 33.03 | 17376 | 40.04 |
| Fellow | 3807 | 8.77 | 21183 | 48.81 |
| Faculty | 22216 | 51.19 | 43399 | 100.00 |

| Certification of physician completing the form | | | | |
|--|-----------|---------|----------------------|--------------------|
| Certification | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Emergency Medicine | 4904 | 11.30 | 4904 | 11.30 |
| Pediatrics | 10215 | 23.54 | 15119 | 34.84 |
| Pediatrics Emergency Medicine | 27298 | 62.90 | 42417 | 97.74 |
| Emergency Medicine and Pediatrics | 264 | 0.61 | 42681 | 98.35 |
| Other | 718 | 1.65 | 43399 | 100.00 |

| Injury mechanism | | | | |
|---|-----------|---------|----------------------|--------------------|
| InjuryMech | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 301 | 0.69 | 301 | 0.69 |
| Occupant in motor vehicle collision (MVC) | 3910 | 9.01 | 4211 | 9.70 |
| Pedestrian struck by moving vehicle | 1433 | 3.30 | 5644 | 13.00 |
| Bike rider struck by automobile | 556 | 1.28 | 6200 | 14.29 |
| Bike collision or fall from bike while riding | 1701 | 3.92 | 7901 | 18.21 |
| Other wheeled transport crash | 901 | 2.08 | 8802 | 20.28 |
| Fall to ground from standing/walking/running | 4733 | 10.91 | 13535 | 31.19 |
| Walked or ran into stationary object | 2455 | 5.66 | 15990 | 36.84 |
| Fall from an elevation | 11883 | 27.38 | 27873 | 64.22 |
| Fall down stairs | 2908 | 6.70 | 30781 | 70.93 |
| Sports | 2979 | 6.86 | 33760 | 77.79 |
| Assault | 3016 | 6.95 | 36776 | 84.74 |
| Object struck head - accidental | 3158 | 7.28 | 39934 | 92.02 |
| Other mechanism | 3465 | 7.98 | 43399 | 100.00 |

| Severity of injury mechanism | | | | |
|------------------------------|-----------|---------|----------------------|--------------------|
| High_impact_InjSev | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 334 | 0.77 | 334 | 0.77 |
| Low | 7188 | 16.56 | 7522 | 17.33 |
| Moderate | 29268 | 67.44 | 36790 | 84.77 |
| High | 6609 | 15.23 | 43399 | 100.00 |

| Does the patient have amnesia for the event? | | | | |
|--|-----------|---------|----------------------|--------------------|
| Amnesia_verb | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 2296 | 5.29 | 2296 | 5.29 |
| No | 21751 | 50.12 | 24047 | 55.41 |
| Yes | 4547 | 10.48 | 28594 | 65.89 |
| Pre-verbal/Non-verbal | 14805 | 34.11 | 43399 | 100.00 |

| History of loss of consciousness? | | | | |
|-----------------------------------|-----------|---------|----------------------|--------------------|
| LOCSeparate | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 1892 | 4.36 | 1892 | 4.36 |
| No | 34665 | 79.88 | 36557 | 84.23 |
| Yes | 4830 | 11.13 | 41387 | 95.36 |
| Suspected | 2012 | 4.64 | 43399 | 100.00 |

| Duration of loss of consciousness | | | | |
|-----------------------------------|-----------|---------|----------------------|--------------------|
| LocLen | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 2556 | 5.89 | 2556 | 5.89 |
| < 5 sec | 922 | 2.12 | 3478 | 8.01 |
| 5 sec - < 1 min | 1867 | 4.30 | 5345 | 12.32 |
| 1 - 5 min | 1133 | 2.61 | 6478 | 14.93 |
| > 5 min | 364 | 0.84 | 6842 | 15.77 |
| Not applicable | 36557 | 84.23 | 43399 | 100.00 |

| Post-traumatic seizure? | | | | |
|-------------------------|-----------|---------|----------------------|--------------------|
| Seiz | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 912 | 2.10 | 912 | 2.10 |
| No | 41884 | 96.51 | 42796 | 98.61 |
| Yes | 603 | 1.39 | 43399 | 100.00 |

| When did the post-traumatic seizure occur? | | | | |
|--|-----------|---------|----------------------|--------------------|
| SeizOccur | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 71 | 0.16 | 71 | 0.16 |
| Immediately on contact | 253 | 0.58 | 324 | 0.75 |
| Within 30 minutes of injury | 210 | 0.48 | 534 | 1.23 |
| > 30 minutes after injury | 69 | 0.16 | 603 | 1.39 |
| Not applicable | 42796 | 98.61 | 43399 | 100.00 |

| Duration of post-traumatic seizure | | | | |
|------------------------------------|-----------|---------|----------------------|--------------------|
| SeizLen | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 117 | 0.27 | 117 | 0.27 |
| < 1 min | 259 | 0.60 | 376 | 0.87 |
| 1 - < 5 min | 180 | 0.41 | 556 | 1.28 |
| 5 - 15 min | 29 | 0.07 | 585 | 1.35 |
| > 15 min | 18 | 0.04 | 603 | 1.39 |
| Not applicable | 42796 | 98.61 | 43399 | 100.00 |

| Does the parent think the child is acting normally / like himself? | | | | |
|--|-----------|---------|----------------------|--------------------|
| ActNorm | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 3335 | 7.68 | 3335 | 7.68 |
| No | 6795 | 15.66 | 10130 | 23.34 |
| Yes | 33269 | 76.66 | 43399 | 100.00 |

| Headache at time of ED evaluation? | | | | |
|------------------------------------|-----------|---------|----------------------|--------------------|
| HA_verb | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 652 | 1.50 | 652 | 1.50 |
| No | 15881 | 36.59 | 16533 | 38.10 |
| Yes | 12806 | 29.51 | 29339 | 67.60 |
| Pre-verbal/Non-verbal | 14060 | 32.40 | 43399 | 100.00 |

| Severity of headache | | | | |
|--------------------------|-----------|---------|----------------------|--------------------|
| HASeverity | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 1044 | 2.41 | 1044 | 2.41 |
| Mild (barely noticeable) | 5266 | 12.13 | 6310 | 14.54 |
| Moderate | 5671 | 13.07 | 11981 | 27.61 |
| Severe (intense) | 825 | 1.90 | 12806 | 29.51 |
| Not applicable | 30593 | 70.49 | 43399 | 100.00 |

| When did the headache start? | | | | |
|------------------------------|-----------|---------|----------------------|--------------------|
| HASstart | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 1332 | 3.07 | 1332 | 3.07 |
| Before head injury | 88 | 0.20 | 1420 | 3.27 |
| Within 1 hr of event | 10584 | 24.39 | 12004 | 27.66 |
| 1 - 4 hrs after event | 629 | 1.45 | 12633 | 29.11 |
| > 4 hrs after event | 173 | 0.40 | 12806 | 29.51 |
| Not applicable | 30593 | 70.49 | 43399 | 100.00 |

| Vomiting (at any time after injury)? | | | | |
|--------------------------------------|-----------|---------|----------------------|--------------------|
| Vomit | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 443 | 1.02 | 443 | 1.02 |
| No | 37152 | 85.61 | 37595 | 86.63 |
| Yes | 5804 | 13.37 | 43399 | 100.00 |

| How many vomiting episodes? | | | | |
|-----------------------------|-----------|---------|----------------------|--------------------|
| VomitNbr | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 297 | 0.68 | 297 | 0.68 |
| Once | 2189 | 5.04 | 2486 | 5.73 |
| Twice | 1145 | 2.64 | 3631 | 8.37 |
| > 2 times | 2173 | 5.01 | 5804 | 13.37 |
| Not applicable | 37595 | 86.63 | 43399 | 100.00 |

| When did the vomiting start? | | | | |
|------------------------------|-----------|---------|----------------------|--------------------|
| VomitStart | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 413 | 0.95 | 413 | 0.95 |
| Before head injury | 65 | 0.15 | 478 | 1.10 |
| Within 1 hr of event | 3114 | 7.18 | 3592 | 8.28 |
| 1 - 4 hrs after event | 1592 | 3.67 | 5184 | 11.94 |
| > 4 hrs after event | 620 | 1.43 | 5804 | 13.37 |
| Not applicable | 37595 | 86.63 | 43399 | 100.00 |

| When was the last episode of vomiting? | | | | |
|--|-----------|---------|----------------------|--------------------|
| VomitLast | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 992 | 2.29 | 992 | 2.29 |
| < 1 hr before ED evaluation | 2762 | 6.36 | 3754 | 8.65 |
| 1 - 4 hrs before ED evaluation | 1712 | 3.94 | 5466 | 12.59 |
| > 4 hrs before ED evaluation | 338 | 0.78 | 5804 | 13.37 |
| Not applicable | 37595 | 86.63 | 43399 | 100.00 |

| Dizziness (at ED evaluation)? | | | | |
|-------------------------------|-----------|---------|----------------------|--------------------|
| Dizzy | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 15972 | 36.80 | 15972 | 36.80 |
| No | 24821 | 57.19 | 40793 | 94.00 |
| Yes | 2606 | 6.00 | 43399 | 100.00 |

| Is the physician's evaluation being made after the patient was intubated? | | | | |
|---|-----------|---------|----------------------|--------------------|
| Intubated | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 325 | 0.75 | 325 | 0.75 |
| No | 42856 | 98.75 | 43181 | 99.50 |
| Yes | 218 | 0.50 | 43399 | 100.00 |

| Is the physician's evaluation being made after the patient was pharmacologically paralyzed? | | | | |
|---|-----------|---------|----------------------|--------------------|
| Paralyzed | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 336 | 0.77 | 336 | 0.77 |
| No | 42927 | 98.91 | 43263 | 99.69 |
| Yes | 136 | 0.31 | 43399 | 100.00 |

| Is physician's evaluation being made after the patient was pharmacologically sedated? | | | | |
|---|-----------|---------|----------------------|--------------------|
| Sedated | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 339 | 0.78 | 339 | 0.78 |
| No | 42846 | 98.73 | 43185 | 99.51 |
| Yes | 214 | 0.49 | 43399 | 100.00 |

| GCS component: eye | | | | |
|--------------------|-----------|---------|----------------------|--------------------|
| GCSEye | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 1288 | 2.97 | 1288 | 2.97 |
| None | 291 | 0.67 | 1579 | 3.64 |
| Pain | 166 | 0.38 | 1745 | 4.02 |
| Verbal | 506 | 1.17 | 2251 | 5.19 |
| Spontaneous | 41148 | 94.81 | 43399 | 100.00 |

| GCS component: verbal | | | | |
|-------------------------------------|-----------|---------|----------------------|--------------------|
| GCSVerbal | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 1298 | 2.99 | 1298 | 2.99 |
| None | 303 | 0.70 | 1601 | 3.69 |
| Incomprehensible sounds (moans) | 90 | 0.21 | 1691 | 3.90 |
| Inappropriate words (cries to pain) | 119 | 0.27 | 1810 | 4.17 |
| Confused (irritable/cries) | 1433 | 3.30 | 3243 | 7.47 |
| Oriented (coos/babbles) | 40156 | 92.53 | 43399 | 100.00 |

| GCS component: motor | | | | |
|--|-----------|---------|----------------------|--------------------|
| GCSMotor | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 1310 | 3.02 | 1310 | 3.02 |
| None | 178 | 0.41 | 1488 | 3.43 |
| Abnormal extension posturing | 21 | 0.05 | 1509 | 3.48 |
| Abnormal flexure posturing | 29 | 0.07 | 1538 | 3.54 |
| Withdraws to pain | 154 | 0.35 | 1692 | 3.90 |
| Localizes pain (withdraws to touch) | 382 | 0.88 | 2074 | 4.78 |
| Follow commands (spontaneous movement) | 41325 | 95.22 | 43399 | 100.00 |

| GCS Total | | | | |
|-----------|-----------|---------|----------------------|--------------------|
| GCSTotal | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| 3 | 177 | 0.41 | 177 | 0.41 |
| 4 | 22 | 0.05 | 199 | 0.46 |
| 5 | 18 | 0.04 | 217 | 0.50 |
| 6 | 49 | 0.11 | 266 | 0.61 |
| 7 | 42 | 0.10 | 308 | 0.71 |
| 8 | 46 | 0.11 | 354 | 0.82 |
| 9 | 61 | 0.14 | 415 | 0.96 |
| 10 | 54 | 0.12 | 469 | 1.08 |
| 11 | 93 | 0.21 | 562 | 1.29 |
| 12 | 102 | 0.24 | 664 | 1.53 |
| 13 | 305 | 0.70 | 969 | 2.23 |

| GCS Total | | | | |
|-----------|-----------|---------|----------------------|--------------------|
| GCSTotal | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| 14 | 1344 | 3.10 | 2313 | 5.33 |
| 15 | 41086 | 94.67 | 43399 | 100.00 |

| GCS: 14-15 | | | | |
|------------|-----------|---------|----------------------|--------------------|
| GCSGroup | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| 3 - 13 | 969 | 2.23 | 969 | 2.23 |
| 14 - 15 | 42430 | 97.77 | 43399 | 100.00 |

| GCS < 15 or other signs of altered mental status (agitated, sleepy, slow to respond, repetitive questions in the ED, other) | | | | |
|---|-----------|---------|----------------------|--------------------|
| AMS | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 316 | 0.73 | 316 | 0.73 |
| No | 36618 | 84.38 | 36934 | 85.10 |
| Yes | 6465 | 14.90 | 43399 | 100.00 |

| Other signs of altered mental status: agitated | | | | |
|--|-----------|---------|----------------------|--------------------|
| AMSAgitated | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 5486 | 12.64 | 5486 | 12.64 |
| Yes | 979 | 2.26 | 6465 | 14.90 |
| Not applicable | 36934 | 85.10 | 43399 | 100.00 |

| Other signs of altered mental status: sleepy | | | | |
|--|-----------|---------|----------------------|--------------------|
| AMSSleep | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 3226 | 7.43 | 3226 | 7.43 |
| Yes | 3239 | 7.46 | 6465 | 14.90 |
| Not applicable | 36934 | 85.10 | 43399 | 100.00 |

| Other signs of altered mental status: slow to respond | | | | |
|---|-----------|---------|----------------------|--------------------|
| AMSSlow | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 4832 | 11.13 | 4832 | 11.13 |
| Yes | 1633 | 3.76 | 6465 | 14.90 |
| Not applicable | 36934 | 85.10 | 43399 | 100.00 |

| Other signs of altered mental status: repetitive questions in ED | | | | |
|--|-----------|---------|----------------------|--------------------|
| AMSRepeat | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 5989 | 13.80 | 5989 | 13.80 |
| Yes | 476 | 1.10 | 6465 | 14.90 |
| Not applicable | 36934 | 85.10 | 43399 | 100.00 |

| Other signs of altered mental status: other | | | | |
|---|-----------|---------|----------------------|--------------------|
| AMSOth | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 5485 | 12.64 | 5485 | 12.64 |
| Yes | 980 | 2.26 | 6465 | 14.90 |
| Not applicable | 36934 | 85.10 | 43399 | 100.00 |

| Palpable skull fracture? | | | | |
|--------------------------|-----------|---------|----------------------|--------------------|
| SFxPalp | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 104 | 0.24 | 104 | 0.24 |
| No | 42094 | 96.99 | 42198 | 97.23 |
| Yes | 224 | 0.52 | 42422 | 97.75 |
| Unclear exam | 977 | 2.25 | 43399 | 100.00 |

| If the patient has a palpable skull fracture, does the fracture feel depressed? | | | | |
|---|-----------|---------|----------------------|--------------------|
| SFxPalpDepress | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 55 | 0.13 | 55 | 0.13 |
| No | 55 | 0.13 | 110 | 0.25 |
| Yes | 114 | 0.26 | 224 | 0.52 |
| Not applicable | 43175 | 99.48 | 43399 | 100.00 |

| Anterior fontanelle bulging? | | | | |
|------------------------------|-----------|---------|----------------------|--------------------|
| FontBulg | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 167 | 0.38 | 167 | 0.38 |
| No/Closed | 43196 | 99.53 | 43363 | 99.92 |
| Yes | 36 | 0.08 | 43399 | 100.00 |

| Signs of basilar skull fracture? | | | | |
|----------------------------------|-----------|---------|----------------------|--------------------|
| SFxBas | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 445 | 1.03 | 445 | 1.03 |
| No | 42558 | 98.06 | 43003 | 99.09 |
| Yes | 396 | 0.91 | 43399 | 100.00 |

| Basilar skull fracture: hemotympanum | | | | |
|--------------------------------------|-----------|---------|----------------------|--------------------|
| SFxBasHem | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 184 | 0.42 | 184 | 0.42 |
| Yes | 212 | 0.49 | 396 | 0.91 |
| Not applicable | 43003 | 99.09 | 43399 | 100.00 |

| Basilar skull fracture: CSF otorrhea | | | | |
|--------------------------------------|-----------|---------|----------------------|--------------------|
| SFxBasOto | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 359 | 0.83 | 359 | 0.83 |
| Yes | 37 | 0.09 | 396 | 0.91 |
| Not applicable | 43003 | 99.09 | 43399 | 100.00 |

| Basilar skull fracture: periorbital ecchymosis (raccoon eyes) | | | | |
|---|-----------|---------|----------------------|--------------------|
| SFxBasPer | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 284 | 0.65 | 284 | 0.65 |
| Yes | 112 | 0.26 | 396 | 0.91 |
| Not applicable | 43003 | 99.09 | 43399 | 100.00 |

| Basilar skull fracture: retroauricular ecchymosis (battle's sign) | | | | |
|---|-----------|---------|----------------------|--------------------|
| SFxBasRet | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 359 | 0.83 | 359 | 0.83 |
| Yes | 37 | 0.09 | 396 | 0.91 |
| Not applicable | 43003 | 99.09 | 43399 | 100.00 |

| Basilar skull fracture: CSF rhinorrhea | | | | |
|--|-----------|---------|----------------------|--------------------|
| SFxBasRhi | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 374 | 0.86 | 374 | 0.86 |
| Yes | 22 | 0.05 | 396 | 0.91 |
| Not applicable | 43003 | 99.09 | 43399 | 100.00 |

| Raised scalp hematoma(s) or swelling(s)? | | | | |
|--|-----------|---------|----------------------|--------------------|
| Hema | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 305 | 0.70 | 305 | 0.70 |
| No | 25956 | 59.81 | 26261 | 60.51 |
| Yes | 17138 | 39.49 | 43399 | 100.00 |

| Hematoma(s) or swelling(s) location(s) involved | | | | |
|---|-----------|---------|----------------------|--------------------|
| HemaLoc | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 211 | 0.49 | 211 | 0.49 |
| Frontal | 8900 | 20.51 | 9111 | 20.99 |
| Occipital | 3605 | 8.31 | 12716 | 29.30 |
| Parietal/Temporal | 4422 | 10.19 | 17138 | 39.49 |
| Not applicable | 26261 | 60.51 | 43399 | 100.00 |

| Size (diameter) of largest hematoma or swelling | | | | |
|---|-----------|---------|----------------------|--------------------|
| HemaSize | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 742 | 1.71 | 742 | 1.71 |
| Small (<1 cm, barely palpable) | 3520 | 8.11 | 4262 | 9.82 |
| Medium (1-3 cm) | 9597 | 22.11 | 13859 | 31.93 |

| Size (diameter) of largest hematoma or swelling | | | | |
|---|-----------|---------|----------------------|--------------------|
| HemaSize | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Large (>3 cm) | 3279 | 7.56 | 17138 | 39.49 |
| Not applicable | 26261 | 60.51 | 43399 | 100.00 |

| Any evidence of trauma (including laceration, abrasion, hematoma) above the clavicles (includes neck/face/scalp)? | | | | |
|---|-----------|---------|----------------------|--------------------|
| Clav | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 137 | 0.32 | 137 | 0.32 |
| No | 15444 | 35.59 | 15581 | 35.90 |
| Yes | 27818 | 64.10 | 43399 | 100.00 |

| Trauma above the clavicles region: face | | | | |
|---|-----------|---------|----------------------|--------------------|
| ClavFace | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 14717 | 33.91 | 14717 | 33.91 |
| Yes | 13101 | 30.19 | 27818 | 64.10 |
| Not applicable | 15581 | 35.90 | 43399 | 100.00 |

| Trauma above the clavicles region: neck | | | | |
|---|-----------|---------|----------------------|--------------------|
| ClavNeck | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 27203 | 62.68 | 27203 | 62.68 |
| Yes | 615 | 1.42 | 27818 | 64.10 |
| Not applicable | 15581 | 35.90 | 43399 | 100.00 |

| Trauma above the clavicles region: scalp-frontal | | | | |
|--|-----------|---------|----------------------|--------------------|
| ClavFro | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 18917 | 43.59 | 18917 | 43.59 |
| Yes | 8901 | 20.51 | 27818 | 64.10 |
| Not applicable | 15581 | 35.90 | 43399 | 100.00 |

| Trauma above the clavicles region: scalp-occipital | | | | |
|--|-----------|---------|----------------------|--------------------|
| ClavOcc | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 23632 | 54.45 | 23632 | 54.45 |
| Yes | 4186 | 9.65 | 27818 | 64.10 |
| Not applicable | 15581 | 35.90 | 43399 | 100.00 |

| Trauma above the clavicles region: scalp-parietal | | | | |
|---|-----------|---------|----------------------|--------------------|
| ClavPar | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 24379 | 56.17 | 24379 | 56.17 |
| Yes | 3439 | 7.92 | 27818 | 64.10 |
| Not applicable | 15581 | 35.90 | 43399 | 100.00 |

| Trauma above the clavicles region: scalp-temporal | | | | |
|---|-----------|---------|----------------------|--------------------|
| ClavTem | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 26293 | 60.58 | 26293 | 60.58 |
| Yes | 1525 | 3.51 | 27818 | 64.10 |
| Not applicable | 15581 | 35.90 | 43399 | 100.00 |

| Neurological deficit (other than mental status)? | | | | |
|--|-----------|---------|----------------------|--------------------|
| NeuroD | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 660 | 1.52 | 660 | 1.52 |
| No | 42051 | 96.89 | 42711 | 98.41 |
| Yes | 688 | 1.59 | 43399 | 100.00 |

| Neurological deficit: motor | | | | |
|-----------------------------|-----------|---------|----------------------|--------------------|
| NeuroDMotor | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 502 | 1.16 | 502 | 1.16 |
| Yes | 186 | 0.43 | 688 | 1.59 |
| Not applicable | 42711 | 98.41 | 43399 | 100.00 |

| Neurological deficit: sensory | | | | |
|-------------------------------|-----------|---------|----------------------|--------------------|
| NeuroDSensory | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 542 | 1.25 | 542 | 1.25 |
| Yes | 146 | 0.34 | 688 | 1.59 |
| Not applicable | 42711 | 98.41 | 43399 | 100.00 |

| Neurological deficit: cranial nerve (includes pupil reactivity) | | | | |
|---|-----------|---------|----------------------|--------------------|
| NeuroDCranial | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 544 | 1.25 | 544 | 1.25 |
| Yes | 144 | 0.33 | 688 | 1.59 |
| Not applicable | 42711 | 98.41 | 43399 | 100.00 |

| Neurological deficit: reflexes | | | | |
|--------------------------------|-----------|---------|----------------------|--------------------|
| NeuroDReflex | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 642 | 1.48 | 642 | 1.48 |
| Yes | 46 | 0.11 | 688 | 1.59 |
| Not applicable | 42711 | 98.41 | 43399 | 100.00 |

| Neurological deficit: other deficits (e.g. cerebellar, gait) | | | | |
|--|-----------|---------|----------------------|--------------------|
| NeuroDOth | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 341 | 0.79 | 341 | 0.79 |
| Yes | 347 | 0.80 | 688 | 1.59 |
| Not applicable | 42711 | 98.41 | 43399 | 100.00 |

| Clinical evidence of other (non-head) substantial injuries: (includes but not limited to fractures, intra-abdominal injuries, intra-thoracic injuries and lacerations requiring operating room repair.) | | | | |
|---|-----------|---------|----------------------|--------------------|
| OSI | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 195 | 0.45 | 195 | 0.45 |
| No | 38637 | 89.03 | 38832 | 89.48 |
| Yes | 4567 | 10.52 | 43399 | 100.00 |

| Other (non-head) substantial injury: extremity | | | | |
|--|-----------|---------|----------------------|--------------------|
| OSIExtremity | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 2100 | 4.84 | 2100 | 4.84 |
| Yes | 2467 | 5.68 | 4567 | 10.52 |
| Not applicable | 38832 | 89.48 | 43399 | 100.00 |

| Other (non-head) substantial injury: laceration requiring repair in the operating room | | | | |
|--|-----------|---------|----------------------|--------------------|
| OSICut | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 4507 | 10.39 | 4507 | 10.39 |
| Yes | 60 | 0.14 | 4567 | 10.52 |
| Not applicable | 38832 | 89.48 | 43399 | 100.00 |

| Other (non-head) substantial injury: c-spine | | | | |
|--|-----------|---------|----------------------|--------------------|
| OSICspine | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 3964 | 9.13 | 3964 | 9.13 |
| Yes | 603 | 1.39 | 4567 | 10.52 |
| Not applicable | 38832 | 89.48 | 43399 | 100.00 |

| Other (non-head) substantial injury: chest/back/flank | | | | |
|---|-----------|---------|----------------------|--------------------|
| OSIFlank | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 3830 | 8.83 | 3830 | 8.83 |
| Yes | 737 | 1.70 | 4567 | 10.52 |
| Not applicable | 38832 | 89.48 | 43399 | 100.00 |

| Other (non-head) substantial injury: intra-abdominal | | | | |
|--|-----------|---------|----------------------|--------------------|
| OSIAbdomen | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 3958 | 9.12 | 3958 | 9.12 |
| Yes | 609 | 1.40 | 4567 | 10.52 |
| Not applicable | 38832 | 89.48 | 43399 | 100.00 |

| Other (non-head) substantial injury: pelvis | | | | |
|---|-----------|---------|----------------------|--------------------|
| OSIPelvis | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 4351 | 10.03 | 4351 | 10.03 |
| Yes | 216 | 0.50 | 4567 | 10.52 |
| Not applicable | 38832 | 89.48 | 43399 | 100.00 |

| Other (non-head) substantial injury: other | | | | |
|--|-----------|---------|----------------------|--------------------|
| OSIOth | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 3832 | 8.83 | 3832 | 8.83 |
| Yes | 735 | 1.69 | 4567 | 10.52 |
| Not applicable | 38832 | 89.48 | 43399 | 100.00 |

| Clinical suspicion for alcohol or drug intoxication (not by laboratory testing)? | | | | |
|---|-----------|---------|----------------------|--------------------|
| Drugs | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 1818 | 4.19 | 1818 | 4.19 |
| No | 41147 | 94.81 | 42965 | 99.00 |
| Yes | 434 | 1.00 | 43399 | 100.00 |

| Is a head CT, skull x-ray or head MRI being ordered or obtained? | | | | |
|---|-----------|---------|----------------------|--------------------|
| CTForm1 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 28 | 0.06 | 28 | 0.06 |
| No | 26446 | 60.94 | 26474 | 61.00 |
| Yes | 16925 | 39.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: young age | | | | |
|--|-----------|---------|----------------------|--------------------|
| IndAge | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 13224 | 30.47 | 13224 | 30.47 |
| Yes | 3701 | 8.53 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: amnesia | | | | |
|--|-----------|---------|----------------------|--------------------|
| IndAmnesia | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 14532 | 33.48 | 14532 | 33.48 |
| Yes | 2393 | 5.51 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: decreased mental status | | | | |
|--|-----------|---------|----------------------|--------------------|
| IndAMS | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 14493 | 33.39 | 14493 | 33.39 |
| Yes | 2432 | 5.60 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: clinical evidence of skull fracture | | | | |
|--|-----------|---------|----------------------|--------------------|
| IndClinSFx | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 16467 | 37.94 | 16467 | 37.94 |
| Yes | 458 | 1.06 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: headache | | | | |
|---|-----------|---------|----------------------|--------------------|
| IndHA | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 14081 | 32.45 | 14081 | 32.45 |
| Yes | 2844 | 6.55 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: scalp hematoma | | | | |
|---|-----------|---------|----------------------|--------------------|
| IndHema | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 14111 | 32.51 | 14111 | 32.51 |
| Yes | 2814 | 6.48 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: loss of consciousness | | | | |
|--|-----------|---------|----------------------|--------------------|
| IndLOC | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 12605 | 29.04 | 12605 | 29.04 |
| Yes | 4320 | 9.95 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: mechanism | | | | |
|--|-----------|---------|----------------------|--------------------|
| IndMech | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 10063 | 23.19 | 10063 | 23.19 |
| Yes | 6862 | 15.81 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: neurological deficit (other than mental status) | | | | |
|--|-----------|---------|----------------------|--------------------|
| IndNeuroD | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 16451 | 37.91 | 16451 | 37.91 |
| Yes | 474 | 1.09 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: referring MD request | | | | |
|---|-----------|---------|----------------------|--------------------|
| IndRqstMD | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 16630 | 38.32 | 16630 | 38.32 |
| Yes | 295 | 0.68 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: parental anxiety/request | | | | |
|---|-----------|---------|----------------------|--------------------|
| IndRqstParent | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15770 | 36.34 | 15770 | 36.34 |
| Yes | 1155 | 2.66 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: trauma team request | | | | |
|--|-----------|---------|----------------------|--------------------|
| IndRqstTrauma | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 16142 | 37.19 | 16142 | 37.19 |
| Yes | 783 | 1.80 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: seizure | | | | |
|--|-----------|---------|----------------------|--------------------|
| IndSeiz | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 16423 | 37.84 | 16423 | 37.84 |
| Yes | 502 | 1.16 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: vomiting | | | | |
|---|-----------|---------|----------------------|--------------------|
| IndVomit | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 13836 | 31.88 | 13836 | 31.88 |
| Yes | 3089 | 7.12 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: skull fracture on x-ray | | | | |
|--|-----------|---------|----------------------|--------------------|
| IndXraySFx | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 16876 | 38.89 | 16876 | 38.89 |
| Yes | 49 | 0.11 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| If a CT is being ordered or obtained check the most important indications in influencing the decision to obtain a head CT: other | | | | |
|--|-----------|---------|----------------------|--------------------|
| IndOth | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 14372 | 33.12 | 14372 | 33.12 |
| Yes | 2553 | 5.88 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| Was patient given or will patient be given pharmacological sedation for head CT scan? | | | | |
|---|-----------|---------|----------------------|--------------------|
| CTSed | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 914 | 2.11 | 914 | 2.11 |
| No | 15357 | 35.39 | 16271 | 37.49 |
| Yes | 654 | 1.51 | 16925 | 39.00 |
| Not applicable | 26474 | 61.00 | 43399 | 100.00 |

| Reason for pharmacological sedation: agitation/inability to hold still | | | | |
|--|-----------|---------|----------------------|--------------------|
| CTSedAgitate | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 219 | 0.50 | 219 | 0.50 |
| Yes | 435 | 1.00 | 654 | 1.51 |
| Not applicable | 42745 | 98.49 | 43399 | 100.00 |

| Reason for pharmacological sedation: young age | | | | |
|--|-----------|---------|----------------------|--------------------|
| CTSedAge | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 344 | 0.79 | 344 | 0.79 |
| Yes | 310 | 0.71 | 654 | 1.51 |
| Not applicable | 42745 | 98.49 | 43399 | 100.00 |

| Reason for pharmacological sedation: CT technician request | | | | |
|--|-----------|---------|----------------------|--------------------|
| CTSedRqst | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 641 | 1.48 | 641 | 1.48 |
| Yes | 13 | 0.03 | 654 | 1.51 |
| Not applicable | 42745 | 98.49 | 43399 | 100.00 |

| Reason for pharmacological sedation: other | | | | |
|--|-----------|---------|----------------------|--------------------|
| CTSedOth | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 598 | 1.38 | 598 | 1.38 |
| Yes | 56 | 0.13 | 654 | 1.51 |
| Not applicable | 42745 | 98.49 | 43399 | 100.00 |

| Age in years | | | | |
|--------------|-----------|---------|----------------------|--------------------|
| AgeinYears | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| 0 | 5441 | 12.54 | 5441 | 12.54 |
| 1 | 5463 | 12.59 | 10904 | 25.13 |
| 2 | 3910 | 9.01 | 14814 | 34.13 |
| 3 | 2956 | 6.81 | 17770 | 40.95 |
| 4 | 2472 | 5.70 | 20242 | 46.64 |
| 5 | 2186 | 5.04 | 22428 | 51.68 |
| 6 | 2003 | 4.62 | 24431 | 56.29 |
| 7 | 1795 | 4.14 | 26226 | 60.43 |
| 8 | 1573 | 3.62 | 27799 | 64.05 |
| 9 | 1498 | 3.45 | 29297 | 67.51 |
| 10 | 1552 | 3.58 | 30849 | 71.08 |
| 11 | 1602 | 3.69 | 32451 | 74.77 |
| 12 | 1716 | 3.95 | 34167 | 78.73 |
| 13 | 1775 | 4.09 | 35942 | 82.82 |
| 14 | 1939 | 4.47 | 37881 | 87.29 |
| 15 | 1905 | 4.39 | 39786 | 91.67 |
| 16 | 1942 | 4.47 | 41728 | 96.15 |
| 17 | 1671 | 3.85 | 43399 | 100.00 |

| Age: < 2 years | | | | |
|----------------|-----------|---------|----------------------|--------------------|
| AgeTwoPlus | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| < 2 years | 10904 | 25.13 | 10904 | 25.13 |
| >= 2 years | 32495 | 74.87 | 43399 | 100.00 |

| Gender | | | | |
|---------|-----------|---------|----------------------|--------------------|
| Gender | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 3 | 0.01 | 3 | 0.01 |
| Male | 27055 | 62.34 | 27058 | 62.35 |
| Female | 16341 | 37.65 | 43399 | 100.00 |

| Ethnicity | | | | |
|--------------|-----------|---------|----------------------|--------------------|
| Ethnicity | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 15966 | 36.79 | 15966 | 36.79 |
| Hispanic | 5275 | 12.15 | 21241 | 48.94 |
| Non-Hispanic | 22158 | 51.06 | 43399 | 100.00 |

| Race | | | | | |
|--------------------------------|-----------|---------|----------------------|--------------------|--|
| Race | Frequency | Percent | Cumulative Frequency | Cumulative Percent | |
| Missing | 3208 | 7.39 | 3208 | 7.39 | |
| White | 21857 | 50.36 | 25065 | 57.75 | |
| Black | 15992 | 36.85 | 41057 | 94.60 | |
| Asian | 861 | 1.98 | 41918 | 96.59 | |
| American Indian/Alaskan Native | 64 | 0.15 | 41982 | 96.73 | |
| Pacific Islander | 78 | 0.18 | 42060 | 96.91 | |
| Other | 1339 | 3.09 | 43399 | 100.00 | |

| Was the patient observed in the ED after the physician's initial ED evaluation to determine whether to obtain head CT? | | | | |
|--|-----------|---------|----------------------|--------------------|
| Observed | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 2376 | 5.47 | 2376 | 5.47 |
| No | 35506 | 81.81 | 37882 | 87.29 |
| Yes | 5517 | 12.71 | 43399 | 100.00 |

| ED Disposition | | | | | |
|--|-----------|---------|----------------------|--------------------|--|
| EDDisposition | Frequency | Percent | Cumulative Frequency | Cumulative Percent | |
| Missing | 25 | 0.06 | 25 | 0.06 | |
| Home | 38539 | 88.80 | 38564 | 88.86 | |
| OR | 185 | 0.43 | 38749 | 89.29 | |
| Admit - general inpatient | 2512 | 5.79 | 41261 | 95.07 | |
| Admit short-stay (<24 hr)/observation unit | 798 | 1.84 | 42059 | 96.91 | |
| ICU | 980 | 2.26 | 43039 | 99.17 | |
| Transferred to another hospital | 75 | 0.17 | 43114 | 99.34 | |

| ED Disposition | | | | |
|-----------------|-----------|---------|----------------------|--------------------|
| EDDisposition | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| AMA | 18 | 0.04 | 43132 | 99.38 |
| Death in the ED | 19 | 0.04 | 43151 | 99.43 |
| Other | 248 | 0.57 | 43399 | 100.00 |

| Any head CT performed? | | | | |
|------------------------|-----------|---------|----------------------|--------------------|
| CTDone | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 27500 | 63.37 | 27500 | 63.37 |
| Yes | 15899 | 36.63 | 43399 | 100.00 |

| Head CT performed in ED | | | | |
|-------------------------|-----------|---------|----------------------|--------------------|
| EDCT | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 112 | 0.26 | 112 | 0.26 |
| Yes | 15787 | 36.38 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| TBI on CT (determined by PI) | | | | |
|------------------------------|-----------|---------|----------------------|--------------------|
| PosCT | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 14743 | 33.97 | 14743 | 33.97 |
| Yes | 1156 | 2.66 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding: cerebellar hemorrhage | | | | |
|--|-----------|---------|----------------------|--------------------|
| Finding1 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15876 | 36.58 | 15876 | 36.58 |
| Yes | 23 | 0.05 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding: cerebral contusion | | | | |
|---------------------------------------|-----------|---------|----------------------|--------------------|
| Finding2 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15646 | 36.05 | 15646 | 36.05 |
| Yes | 253 | 0.58 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding: cerebral edema | | | | |
|-----------------------------------|-----------|---------|----------------------|--------------------|
| Finding3 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15756 | 36.30 | 15756 | 36.30 |
| Yes | 143 | 0.33 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding: cerebral hemorrhage/intracerebral hematoma | | | | |
|--|-----------|---------|----------------------|--------------------|
| Finding4 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15669 | 36.10 | 15669 | 36.10 |
| Yes | 230 | 0.53 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding: diastasis of the skull | | | | |
|---|-----------|---------|----------------------|--------------------|
| Finding5 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15819 | 36.45 | 15819 | 36.45 |
| Yes | 80 | 0.18 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding: epidural hematoma | | | | |
|--------------------------------------|-----------|---------|----------------------|--------------------|
| Finding6 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15761 | 36.32 | 15761 | 36.32 |
| Yes | 138 | 0.32 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding: extra-axial hematoma | | | | |
|---|-----------|---------|----------------------|--------------------|
| Finding7 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15708 | 36.19 | 15708 | 36.19 |
| Yes | 191 | 0.44 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding: intraventricular hemorrhage | | | | |
|--|-----------|---------|----------------------|--------------------|
| Finding8 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15842 | 36.50 | 15842 | 36.50 |
| Yes | 57 | 0.13 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding: midline shift/shift of brain structures | | | | |
|--|-----------|---------|----------------------|--------------------|
| Finding9 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15765 | 36.33 | 15765 | 36.33 |
| Yes | 134 | 0.31 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding: pneumocephalus | | | | |
|-----------------------------------|-----------|---------|----------------------|--------------------|
| Finding10 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15656 | 36.07 | 15656 | 36.07 |
| Yes | 243 | 0.56 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding: skull fracture | | | | |
|-----------------------------------|-----------|---------|----------------------|--------------------|
| Finding11 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 14710 | 33.89 | 14710 | 33.89 |
| Yes | 1189 | 2.74 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding: subarachnoid hemorrhage | | | | |
|--|-----------|---------|----------------------|--------------------|
| Finding12 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15617 | 35.98 | 15617 | 35.98 |
| Yes | 282 | 0.65 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding: subdural hematoma | | | | |
|--------------------------------------|-----------|---------|----------------------|--------------------|
| Finding13 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15573 | 35.88 | 15573 | 35.88 |
| Yes | 326 | 0.75 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding: traumatic infarction | | | | |
|---|-----------|---------|----------------------|--------------------|
| Finding14 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15891 | 36.62 | 15891 | 36.62 |
| Yes | 8 | 0.02 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding (extra finding by PI): diffuse axonal injury | | | | |
|--|-----------|---------|----------------------|--------------------|
| Finding20 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15883 | 36.60 | 15883 | 36.60 |
| Yes | 16 | 0.04 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding (extra finding by PI): herniation | | | | |
|---|-----------|---------|----------------------|--------------------|
| Finding21 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15887 | 36.61 | 15887 | 36.61 |
| Yes | 12 | 0.03 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding (extra finding by PI):shear injury | | | | |
|--|-----------|---------|----------------------|--------------------|
| Finding22 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15874 | 36.58 | 15874 | 36.58 |
| Yes | 25 | 0.06 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Traumatic finding (extra finding by PI): sigmoid sinus thrombosis | | | | |
|--|-----------|---------|----------------------|--------------------|
| Finding23 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 15898 | 36.63 | 15898 | 36.63 |
| Yes | 1 | 0.00 | 15899 | 36.63 |
| Not applicable | 27500 | 63.37 | 43399 | 100.00 |

| Death due to TBI | | | | |
|------------------|-----------|---------|----------------------|--------------------|
| DeathTBI | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 8 | 0.02 | 8 | 0.02 |
| No | 43325 | 99.83 | 43333 | 99.85 |
| Yes | 66 | 0.15 | 43399 | 100.00 |

| Hospitalized for 2 or more nights due to head injury | | | | |
|--|-----------|---------|----------------------|--------------------|
| HospHead | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 3 | 0.01 | 3 | 0.01 |
| No | 42528 | 97.99 | 42531 | 98.00 |
| Yes | 868 | 2.00 | 43399 | 100.00 |

| Hospitalized for 2 or more nights due to head injury and had TBI on CT | | | | |
|--|-----------|---------|----------------------|--------------------|
| HospHeadPosCT | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| No | 42706 | 98.40 | 42706 | 98.40 |
| Yes | 693 | 1.60 | 43399 | 100.00 |

| Intubated greater than 24 hours for head trauma | | | | |
|---|-----------|---------|----------------------|--------------------|
| Intub24Head | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 4 | 0.01 | 4 | 0.01 |
| No | 43204 | 99.55 | 43208 | 99.56 |
| Yes | 191 | 0.44 | 43399 | 100.00 |

| Neurosurgery | | | | |
|--------------|-----------|---------|----------------------|--------------------|
| Neurosurgery | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 1 | 0.00 | 1 | 0.00 |
| No | 43198 | 99.54 | 43199 | 99.54 |
| Yes | 200 | 0.46 | 43399 | 100.00 |

| Clinically-important traumatic brain injury | | | | |
|---|-----------|---------|----------------------|--------------------|
| PosIntFinal | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
| Missing | 20 | 0.05 | 20 | 0.05 |
| No | 42616 | 98.20 | 42636 | 98.24 |
| Yes | 763 | 1.76 | 43399 | 100.00 |

| Variable | Label | N | Minimum | Lower Quartile | Median | Upper Quartile | Maximum |
|------------|----------------|-------|---------|----------------|--------|----------------|---------|
| PatNum | Patient Number | 43399 | 1 | 10850 | 21700 | 32550 | 43399 |
| AgeInMonth | Age in months | 43399 | 0 | 23 | 67 | 144 | 215 |