# HCUP Summary Statistics Report: NEDS 2008 - Core File Means of Continuous Data Elements

| Variable / Label  | N          | N Miss     | Min  | Max     | Mean   | Std Dev |
|---|------------|------------|------|---------|--------|---------|
| AGE : Age in years at admission   | 28,445,564 | 1,584      | 0.00 | 123.00  | 38.36  | 24.44   |
| AMONTH: Admission month   | 23,942,839 | 4,504,309  | 1.00 | 12.00   | 6.45   | 3.44    |
| AWEEKEND : Admission day is a weekend                                     | 28,414,624 | 32,524     | 0.00 | 1.00    | 0.29   | 0.45    |
| CHRON1 : Chronic condition indicator 1                                    | 28,427,736 | 19,412     | 0.00 | 1.00    | 0.17   | 0.37    |
| CHRON2 : Chronic condition indicator 2                                    | 18,794,623 | 9,652,525  | 0.00 | 1.00    | 0.37   | 0.48    |
| CHRON3 : Chronic condition indicator 3                                    | 12,189,395 | 16,257,753 | 0.00 | 9.00    | 0.51   | 0.50    |
| CHRON4 : Chronic condition indicator 4                                    | 8,506,461  | 19,940,687 | 0.00 | 1.00    | 0.57   | 0.50    |
| CHRON5 : Chronic condition indicator 5                                    | 6,340,262  | 22,106,886 | 0.00 | 1.00    | 0.59   | 0.49    |
| CHRON6 : Chronic condition indicator 6                                    | 4,945,532  | 23,501,616 | 0.00 | 1.00    | 0.60   | 0.49    |
| CHRON7 : Chronic condition indicator 7                                    | 3,963,851  | 24,483,297 | 0.00 | 1.00    | 0.60   | 0.49    |
| CHRON8 : Chronic condition indicator 8                                    | 3,258,886  | 25,188,262 | 0.00 | 1.00    | 0.59   | 0.49    |
| CHRON9 : Chronic condition indicator 9                                    | 2,694,878  | 25,752,270 | 0.00 | 1.00    | 0.58   | 0.49    |
| CHRON10 : Chronic condition indicator 10                                  | 2,032,576  | 26,414,572 | 0.00 | 1.00    | 0.58   | 0.49    |
| CHRON11 : Chronic condition indicator 11                                  | 1,661,694  | 26,785,454 | 0.00 | 1.00    | 0.57   | 0.50    |
| CHRON12 : Chronic condition indicator 12                                  | 1,393,401  | 27,053,747 | 0.00 | 1.00    | 0.56   | 0.50    |
| CHRON13 : Chronic condition indicator 13                                  | 1,159,550  | 27,287,598 | 0.00 | 1.00    | 0.54   | 0.50    |
| CHRON14 : Chronic condition indicator 14                                  | 947,519    | 27,499,629 | 0.00 | 1.00    | 0.53   | 0.50    |
| CHRON15 : Chronic condition indicator 15                                  | 762,163    | 27,684,985 | 0.00 | 1.00    | 0.52   | 0.50    |
| DIED_VISIT: Died in the ED (1), Died in the hospital (2), did not die (0) | 28,259,853 | 187,295    | 0.00 | 2.00    | 0.01   | 0.14    |
| DISCWT : Weight to ED Visits in AHA universe                              | 28,447,148 | 0          | 1.03 | 30.29   | 4.39   | 1.28    |
| DISP_ED : Disposition of patient (uniform) from ED                        | 28,447,148 | 0          | 1.00 | 99.00   | 3.06   | 8.29    |
| DQTR : Discharge quarter  | 28,403,346 | 43,802     | 1.00 | 4.00    | 2.48   | 1.12    |
| DXCCS1 : CCS: diagnosis 1   | 28,427,736 | 19,412     | 1.00 | 670.00  | 189.02 | 113.81  |
| DXCCS2 : CCS: diagnosis 2   | 18,794,623 | 9,652,525  | 1.00 | 670.00  | 197.74 | 165.24  |
| DXCCS3 : CCS: diagnosis 3   | 12,189,395 | 16,257,753 | 1.00 | 2612.00 | 196.98 | 181.92  |
| DXCCS4 : CCS: diagnosis 4   | 8,506,461  | 19,940,687 | 1.00 | 670.00  | 192.37 | 183.87  |
| DXCCS5 : CCS: diagnosis 5   | 6,340,262  | 22,106,886 | 1.00 | 670.00  | 188.49 | 181.72  |
| DXCCS6 : CCS: diagnosis 6   | 4,945,532  | 23,501,616 | 1.00 | 670.00  | 185.66 | 179.02  |

(Continued)

# HCUP Summary Statistics Report: NEDS 2008 - Core File Means of Continuous Data Elements

| Variable / Label   | N          | N Miss     | Min      | Max      | Mean     | Std Dev  |
|--|------------|------------|----------|----------|----------|----------|
| DXCCS7 : CCS: diagnosis 7  | 3,963,851  | 24,483,297 | 1.00     | 670.00   | 183.46   | 176.65   |
| DXCCS8 : CCS: diagnosis 8  | 3,258,886  | 25,188,262 | 1.00     | 670.00   | 181.89   | 174.57   |
| DXCCS9 : CCS: diagnosis 9  | 2,694,878  | 25,752,270 | 1.00     | 670.00   | 180.80   | 172.90   |
| DXCCS10 : CCS: diagnosis 10  | 2,032,576  | 26,414,572 | 1.00     | 670.00   | 178.91   | 171.43   |
| DXCCS11 : CCS: diagnosis 11  | 1,661,694  | 26,785,454 | 1.00     | 670.00   | 178.34   | 170.08   |
| DXCCS12 : CCS: diagnosis 12  | 1,393,401  | 27,053,747 | 1.00     | 670.00   | 178.43   | 168.95   |
| DXCCS13 : CCS: diagnosis 13  | 1,159,550  | 27,287,598 | 1.00     | 670.00   | 178.50   | 167.79   |
| DXCCS14 : CCS: diagnosis 14  | 947,519    | 27,499,629 | 1.00     | 670.00   | 177.89   | 165.90   |
| DXCCS15 : CCS: diagnosis 15  | 762,163    | 27,684,985 | 1.00     | 670.00   | 177.73   | 164.54   |
| EDEVENT: Type of ED Event  | 28,447,148 | 0          | 1.00     | 99.00    | 1.83     | 7.83     |
| E_CCS1 : CCS: E Code 1   | 7,386,776  | 21,060,372 | 662.00   | 2621.00  | 2582.89  | 227.44   |
| E_CCS2 : CCS: E Code 2   | 3,757,559  | 24,689,589 | 662.00   | 2621.00  | 2607.44  | 148.18   |
| E_CCS3 : CCS: E Code 3   | 542,349    | 27,904,799 | 662.00   | 2621.00  | 2586.92  | 234.51   |
| E_CCS4 : CCS: E Code 4   | 235,801    | 28,211,347 | 662.00   | 2621.00  | 2602.75  | 183.03   |
| FEMALE : Indicator of sex  | 28,441,906 | 5,242      | 0.00     | 1.00     | 0.55     | 0.50     |
| HOSP_ED: HCUP ED hospital identifier   | 28,447,148 | 0          | 10002.00 | 40449.00 | 25977.42 | 9846.23  |
| HOSP_REGION : Region of hospital   | 28,447,148 | 0          | 1.00     | 4.00     | 2.57     | 0.98     |
| INTENT_SELF_HARM : Intentional self harm indicated on the record (by diagnosis and/or E codes) | 28,447,148 | 0          | 0.00     | 1.00     | 0.01     | 0.09     |
| NDX: Number of diagnoses on this record  | 28,447,148 | 0          | 0.00     | 50.00    | 3.49     | 3.65     |
| NECODE: Number of E codes on this record   | 28,447,148 | 0          | 0.00     | 13.00    | 0.42     | 0.80     |
| NEDS_STRATUM : Stratum used to sample hospital   | 28,447,148 | 0          | 10100.00 | 49810.00 | 26930.96 | 10425.89 |
| PAY1 : Primary expected payer (uniform)  | 28,307,652 | 139,496    | 1.00     | 6.00     | 2.70     | 1.26     |
| PAY2 : Secondary expected payer (uniform)  | 5,795,289  | 22,651,859 | 1.00     | 6.00     | 3.02     | 1.17     |
| PL_NCHS2006 : Patient Location: NCHS<br>Urban-Rural Code (V2006)                               | 28,212,412 | 234,736    | 1.00     | 6.00     | 2.80     | 1.57     |
| TOTCHG_ED: Total charge for ED services  | 23,513,481 | 4,933,667  | 100.00   | 74999.89 | 1696.79  | 2484.47  |
| YEAR : Calendar year   | 28,447,148 | 0          | 2008.00  | 2008.00  | 2008.00  | 0.00     |
| ZIPINC_QRTL : Median household income national quartile for patient ZIP Code                   | 27,703,555 | 743,593    | 1.00     | 4.00     | 2.25     | 1.08     |

| AGE              | Frequency | Percent |
|------------------|-----------|---------|
| .: missing       | 179       | 0.00    |
| .A: invalid      | 32        | 0.00    |
| .C: inconsistent | 1,373     | 0.00    |
| 0                | 801,240   | 2.82    |
| 1                | 709,747   | 2.49    |
| 2                | 495,403   | 1.74    |
| 3                | 378,518   | 1.33    |
| 4                | 314,947   | 1.11    |
| 5                | 283,167   | 1.00    |
| 6                | 251,056   | 0.88    |
| 7                | 228,093   | 0.80    |
| 8                | 214,750   | 0.75    |
| 9                | 209,903   | 0.74    |
| 10               | 208,882   | 0.73    |
| 11               | 206,023   | 0.72    |
| 12               | 210,403   | 0.74    |
| 13               | 226,942   | 0.80    |
| 14               | 253,847   | 0.89    |
| 15               | 286,765   | 1.01    |
| 16               | 325,893   | 1.15    |
| 17               | 375,143   | 1.32    |
| 18               | 469,638   | 1.65    |
| 19               | 489,872   | 1.72    |
| 20               | 500,852   | 1.76    |
| 21               | 499,450   | 1.76    |
| 22               | 500,797   | 1.76    |
| 23               | 495,712   | 1.74    |
| 24               | 483,967   | 1.70    |
| 25               | 486,071   | 1.71    |
| 26               | 480,659   | 1.69    |
| 27               | 474,807   | 1.67    |
| 28               | 463,439   | 1.63    |

| AGE | Frequency | Percent |
|-----|-----------|---------|
| 29  | 440,967   | 1.55    |
| 30  | 419,262   | 1.47    |
| 31  | 401,768   | 1.41    |
| 32  | 377,199   | 1.33    |
| 33  | 372,630   | 1.31    |
| 34  | 362,073   | 1.27    |
| 35  | 366,888   | 1.29    |
| 36  | 375,647   | 1.32    |
| 37  | 393,533   | 1.38    |
| 38  | 383,713   | 1.35    |
| 39  | 370,257   | 1.30    |
| 40  | 363,673   | 1.28    |
| 41  | 365,516   | 1.28    |
| 42  | 375,273   | 1.32    |
| 43  | 387,588   | 1.36    |
| 44  | 394,778   | 1.39    |
| 45  | 392,297   | 1.38    |
| 46  | 391,124   | 1.37    |
| 47  | 390,035   | 1.37    |
| 48  | 381,690   | 1.34    |
| 49  | 371,868   | 1.31    |
| 50  | 364,272   | 1.28    |
| 51  | 354,815   | 1.25    |
| 52  | 340,724   | 1.20    |
| 53  | 324,605   | 1.14    |
| 54  | 310,928   | 1.09    |
| 55  | 293,426   | 1.03    |
| 56  | 281,169   | 0.99    |
| 57  | 266,707   | 0.94    |
| 58  | 258,565   | 0.91    |
| 59  | 253,476   | 0.89    |
| 60  | 255,034   | 0.90    |

| AGE | Frequency | Percent |
|-----|-----------|---------|
| 61  | 258,432   | 0.91    |
| 62  | 209,402   | 0.74    |
| 63  | 203,464   | 0.72    |
| 64  | 207,124   | 0.73    |
| 65  | 223,633   | 0.79    |
| 66  | 204,403   | 0.72    |
| 67  | 193,202   | 0.68    |
| 68  | 190,118   | 0.67    |
| 69  | 186,752   | 0.66    |
| 70  | 185,187   | 0.65    |
| 71  | 180,526   | 0.63    |
| 72  | 181,542   | 0.64    |
| 73  | 183,238   | 0.64    |
| 74  | 177,205   | 0.62    |
| 75  | 180,813   | 0.64    |
| 76  | 183,488   | 0.65    |
| 77  | 185,880   | 0.65    |
| 78  | 188,599   | 0.66    |
| 79  | 189,068   | 0.66    |
| 80  | 189,693   | 0.67    |
| 81  | 187,664   | 0.66    |
| 82  | 184,304   | 0.65    |
| 83  | 182,112   | 0.64    |
| 84  | 174,721   | 0.61    |
| 85  | 163,161   | 0.57    |
| 86  | 155,698   | 0.55    |
| 87  | 142,604   | 0.50    |
| 88  | 124,007   | 0.44    |
| 89  | 104,219   | 0.37    |
| 90  | 91,073    | 0.32    |
| 91  | 75,369    | 0.26    |
| 92  | 61,941    | 0.22    |

| AGE          | Frequency | Percent |
|--------------|-----------|---------|
| 93           | 51,216    | 0.18    |
| 94           | 40,329    | 0.14    |
| 95           | 30,277    | 0.11    |
| 96           | 22,311    | 0.08    |
| 97           | 15,639    | 0.05    |
| 98           | 10,675    | 0.04    |
| 99           | 7,168     | 0.03    |
| 100          | 4,427     | 0.02    |
| 101          | 2,816     | 0.01    |
| 102          | 1,622     | 0.01    |
| 103          | 944       | 0.00    |
| 104          | 524       | 0.00    |
| 105          | 308       | 0.00    |
| 106          | 185       | 0.00    |
| 107          | 454       | 0.00    |
| 108          | 193       | 0.00    |
| 109          | 246       | 0.00    |
| 110 or older | 102       | 0.00    |

| AMONTH       | Frequency | Percent |
|--------------|-----------|---------|
| .: Missing   | 4,504,309 | 15.83   |
| 1: January   | 2,008,563 | 7.06    |
| 2: February  | 2,045,832 | 7.19    |
| 3: March     | 2,045,739 | 7.19    |
| 4: April     | 1,933,766 | 6.80    |
| 5: May       | 2,027,904 | 7.13    |
| 6: June      | 1,986,008 | 6.98    |
| 7: July      | 2,050,065 | 7.21    |
| 8: August    | 2,044,779 | 7.19    |
| 9: September | 2,006,082 | 7.05    |
| 10: October  | 1,948,521 | 6.85    |
| 11: November | 1,892,405 | 6.65    |
| 12: December | 1,953,175 | 6.87    |

| AWEEKEND           | Frequency  | Percent |
|--------------------|------------|---------|
| .: Missing         | 32,524     | 0.11    |
| 0: Monday-Friday   | 20,193,766 | 70.99   |
| 1: Saturday-Sunday | 8,220,858  | 28.90   |

| CHRON1                   | Frequency  | Percent |
|--------------------------|------------|---------|
| .: Missing               | 4,562      | 0.02    |
| .A: Invalid code         | 14,539     | 0.05    |
| .C: Inconsistent code    | 311        | 0.00    |
| 0: Non-chronic condition | 23,736,440 | 83.44   |
| 1: Chronic condition     | 4,691,296  | 16.49   |

| DIED_VISIT              | Frequency  | Percent |
|-------------------------|------------|---------|
| .: Missing              | 187,295    | 0.66    |
| 0: Did not die          | 28,086,832 | 98.73   |
| 1: Died in the ED       | 44,911     | 0.16    |
| 2: Died in the hospital | 128,110    | 0.45    |

| DISCWT    | Frequency  | Percent |
|-----------|------------|---------|
| Non-blank | 28,447,148 | 100.00  |

| DISP_ED  | Frequency  | Percent |
|--|------------|---------|
| 1: Routine   | 22,676,117 | 79.71   |
| 2: Transfer: short-term hospital                       | 360,495    | 1.27    |
| 5: Transfer: other type of facility                    | 317,499    | 1.12    |
| 6: Home health care                                    | 49,765     | 0.17    |
| 7: Against medical advice                              | 378,243    | 1.33    |
| 9: Admitted as an inpatient to this hospital           | 4,433,719  | 15.59   |
| 20: Died in ED   | 44,911     | 0.16    |
| 98: Not admitted to this hospital, destination unknown | 186,171    | 0.65    |
| 99: Discharged alive, destination unknown              | 228        | 0.00    |

| DQTR              | Frequency | Percent |
|-------------------|-----------|---------|
| .: Missing        | 43,802    | 0.15    |
| 1: First quarter  | 7,260,974 | 25.52   |
| 2: Second quarter | 7,047,776 | 24.77   |
| 3: Third quarter  | 7,190,634 | 25.28   |
| 4: Fourth quarter | 6,903,962 | 24.27   |

| DX1                    | Frequency  | Percent |
|------------------------|------------|---------|
| Blank                  | 4,562      | 0.02    |
| Valid DX               | 28,427,736 | 99.93   |
| Inconsistent DX (incn) | 311        | 0.00    |
| Invalid DX (invl)      | 14,539     | 0.05    |

| DXCCS1  | Frequency | Percent |
|---|-----------|---------|
| .: Missing  | 4,562     | 0.02    |
| A: Invalid diagnosis                                      | 14,539    | 0.05    |
| C: Inconsistent   | 311       | 0.00    |
| 1: Tuberculosis   | 1,503     | 0.01    |
| 2: Septicemia (except in labor)                           | 155,147   | 0.55    |
| 3: Bacterial infection; unspecified site                  | 10,046    | 0.04    |
| 4: Mycoses  | 68,637    | 0.24    |
| 5: HIV infection  | 15,072    | 0.05    |
| 6: Hepatitis  | 10,057    | 0.04    |
| 7: Viral infection  | 343,695   | 1.21    |
| 8: Other infections; including parasitic                  | 39,067    | 0.14    |
| 9: Sexually transmitted infections (not HIV or hepatitis) | 10,174    | 0.04    |
| 10: Immunizations and screening for infectious disease    | 34,213    | 0.12    |
| 11: Cancer of head and neck                               | 2,256     | 0.01    |
| 12: Cancer of esophagus                                   | 1,479     | 0.01    |
| 13: Cancer of stomach                                     | 2,289     | 0.01    |
| 14: Cancer of colon                                       | 8,115     | 0.03    |
| 15: Cancer of rectum and anus                             | 2,590     | 0.01    |
| 16: Cancer of liver and intrahepatic bile duct            | 2,557     | 0.01    |
| 17: Cancer of pancreas                                    | 4,346     | 0.02    |
| 18: Cancer of other GI organs; peritoneum                 | 1,817     | 0.01    |
| 19: Cancer of bronchus; lung                              | 18,727    | 0.07    |
| 20: Cancer; other respiratory and intrathoracic           | 198       | 0.00    |
| 21: Cancer of bone and connective tissue                  | 1,024     | 0.00    |
| 22: Melanomas of skin                                     | 248       | 0.00    |
| 23: Other non-epithelial cancer of skin                   | 616       | 0.00    |
| 24: Cancer of breast                                      | 2,430     | 0.01    |
| 25: Cancer of uterus                                      | 900       | 0.00    |
| 26: Cancer of cervix                                      | 798       | 0.00    |
| 27: Cancer of ovary                                       | 1,719     | 0.01    |
| 28: Cancer of other female genital organs                 | 244       | 0.00    |
| 29: Cancer of prostate                                    | 2,001     | 0.01    |

| DXCCS1  | Frequency | Percent |
|---|-----------|---------|
| 30: Cancer of testis                                      | 212       | 0.00    |
| 31: Cancer of other male genital organs                   | 60        | 0.00    |
| 32: Cancer of bladder                                     | 2,435     | 0.01    |
| 33: Cancer of kidney and renal pelvis                     | 1,475     | 0.01    |
| 34: Cancer of other urinary organs                        | 125       | 0.00    |
| 35: Cancer of brain and nervous system                    | 3,859     | 0.01    |
| 36: Cancer of thyroid                                     | 240       | 0.00    |
| 37: Hodgkin`s disease                                     | 514       | 0.00    |
| 38: Non-Hodgkin`s lymphoma                                | 4,963     | 0.02    |
| 39: Leukemias   | 5,367     | 0.02    |
| 40: Multiple myeloma                                      | 2,248     | 0.01    |
| 41: Cancer; other and unspecified primary                 | 715       | 0.00    |
| 42: Secondary malignancies                                | 29,510    | 0.10    |
| 43: Malignant neoplasm without specification of site      | 1,355     | 0.00    |
| 44: Neoplasms of unspecified nature or uncertain behavior | 7,744     | 0.03    |
| 45: Maintenance chemotherapy; radiotherapy                | 907       | 0.00    |
| 46: Benign neoplasm of uterus                             | 8,299     | 0.03    |
| 47: Other and unspecified benign neoplasm                 | 12,163    | 0.04    |
| 48: Thyroid disorders                                     | 8,761     | 0.03    |
| 49: Diabetes mellitus without complication                | 63,320    | 0.22    |
| 50: Diabetes mellitus with complications                  | 171,917   | 0.60    |
| 51: Other endocrine disorders                             | 20,979    | 0.07    |
| 52: Nutritional deficiencies                              | 2,084     | 0.01    |
| 53: Disorders of lipid metabolism                         | 875       | 0.00    |
| 54: Gout and other crystal arthropathies                  | 40,192    | 0.14    |
| 55: Fluid and electrolyte disorders                       | 211,063   | 0.74    |
| 56: Cystic fibrosis                                       | 719       | 0.00    |
| 57: Immunity disorders                                    | 281       | 0.00    |
| 58: Other nutritional; endocrine; and metabolic disorders | 17,509    | 0.06    |
| 59: Deficiency and other anemia                           | 57,984    | 0.20    |
| 60: Acute posthemorrhagic anemia                          | 3,892     | 0.01    |
| 61: Sickle cell anemia                                    | 41,302    | 0.15    |

| DXCCS1   | Frequency | Percent |
|--|-----------|---------|
| 62: Coagulation and hemorrhagic disorders  | 15,589    | 0.05    |
| 63: Diseases of white blood cells  | 13,323    | 0.05    |
| 64: Other hematologic conditions   | 1,204     | 0.00    |
| 76: Meningitis (except that caused by tuberculosis or sexually transmitted disease)                                    | 11,044    | 0.04    |
| 77: Encephalitis (except that caused by tuberculosis or sexually transmitted disease)                                  | 1,713     | 0.01    |
| 78: Other CNS infection and poliomyelitis  | 1,362     | 0.00    |
| 79: Parkinson`s disease  | 3,419     | 0.01    |
| 80: Multiple sclerosis   | 6,572     | 0.02    |
| 81: Other hereditary and degenerative nervous system conditions  | 15,156    | 0.05    |
| 82: Paralysis  | 2,661     | 0.01    |
| 83: Epilepsy; convulsions  | 241,627   | 0.85    |
| 84: Headache; including migraine   | 668,986   | 2.35    |
| 85: Coma; stupor; and brain damage   | 21,467    | 0.08    |
| 86: Cataract   | 980       | 0.00    |
| 87: Retinal detachments; defects; vascular occlusion; and retinopathy  | 2,428     | 0.01    |
| 88: Glaucoma   | 1,537     | 0.01    |
| 89: Blindness and vision defects   | 19,720    | 0.07    |
| 90: Inflammation; infection of eye (except that caused by tuberculosis or sexually transmitteddisease)                 | 184,580   | 0.65    |
| 91: Other eye disorders  | 67,436    | 0.24    |
| 92: Otitis media and related conditions  | 450,821   | 1.58    |
| 93: Conditions associated with dizziness or vertigo  | 233,034   | 0.82    |
| 94: Other ear and sense organ disorders  | 155,582   | 0.55    |
| 95: Other nervous system disorders   | 299,850   | 1.05    |
| 96: Heart valve disorders  | 6,041     | 0.02    |
| 97: Peri-; endo-; and myocarditis; cardiomyopathy (except that caused by tuberculosis or sexually transmitted disease) | 14,388    | 0.05    |
| 98: Essential hypertension   | 144,164   | 0.51    |
| 99: Hypertension with complications and secondary hypertension   | 52,573    | 0.18    |
| 100: Acute myocardial infarction   | 124,081   | 0.44    |
| 101: Coronary atherosclerosis and other heart disease  | 124,710   | 0.44    |
| 102: Nonspecific chest pain  | 916,454   | 3.22    |
| 103: Pulmonary heart disease   | 33,478    | 0.12    |
| 104: Other and ill-defined heart disease   | 2,158     | 0.01    |

| DXCCS1  | Frequency | Percent |
|---|-----------|---------|
| 105: Conduction disorders   | 11,315    | 0.04    |
| 106: Cardiac dysrhythmias   | 305,272   | 1.07    |
| 107: Cardiac arrest and ventricular fibrillation                                    | 38,136    | 0.13    |
| 108: Congestive heart failure; nonhypertensive                                      | 223,053   | 0.78    |
| 109: Acute cerebrovascular disease  | 128,686   | 0.45    |
| 110: Occlusion or stenosis of precerebral arteries                                  | 5,926     | 0.02    |
| 111: Other and ill-defined cerebrovascular disease                                  | 4,477     | 0.02    |
| 112: Transient cerebral ischemia  | 65,652    | 0.23    |
| 113: Late effects of cerebrovascular disease  | 4,379     | 0.02    |
| 114: Peripheral and visceral atherosclerosis  | 20,784    | 0.07    |
| 115: Aortic; peripheral; and visceral artery aneurysms                              | 8,867     | 0.03    |
| 116: Aortic and peripheral arterial embolism or thrombosis                          | 5,100     | 0.02    |
| 117: Other circulatory disease  | 56,515    | 0.20    |
| 118: Phlebitis; thrombophlebitis and thromboembolism                                | 52,651    | 0.19    |
| 119: Varicose veins of lower extremity  | 7,123     | 0.03    |
| 120: Hemorrhoids  | 40,786    | 0.14    |
| 121: ther diseases of veins and lymphatics  | 12,219    | 0.04    |
| 122: Pneumonia (except that caused by tuberculosis or sexually transmitted disease) | 397,705   | 1.40    |
| 123: Influenza  | 90,218    | 0.32    |
| 124: Acute and chronic tonsillitis  | 84,760    | 0.30    |
| 125: Acute bronchitis   | 353,985   | 1.24    |
| 126: Other upper respiratory infections   | 1,243,383 | 4.37    |
| 127: Chronic obstructive pulmonary disease and bronchiectasis                       | 432,133   | 1.52    |
| 128: Asthma   | 421,126   | 1.48    |
| 129: Aspiration pneumonitis; food/vomitus   | 39,987    | 0.14    |
| 130: Pleurisy; pneumothorax; pulmonary collapse                                     | 49,153    | 0.17    |
| 131: Respiratory failure; insufficiency; arrest (adult)                             | 85,128    | 0.30    |
| 132: Lung disease due to external agents  | 2,965     | 0.01    |
| 133: Other lower respiratory disease  | 455,055   | 1.60    |
| 134: Other upper respiratory disease  | 189,187   | 0.67    |
| 135: Intestinal infection   | 96,975    | 0.34    |
| 136: Disorders of teeth and jaw   | 423,160   | 1.49    |

| DXCCS1   | Frequency | Percent |
|--|-----------|---------|
| 137: Diseases of mouth; excluding dental               | 49,649    | 0.17    |
| 138: Esophageal disorders                              | 93,922    | 0.33    |
| 139: Gastroduodenal ulcer (except hemorrhage)          | 15,230    | 0.05    |
| 140: Gastritis and duodenitis                          | 125,349   | 0.44    |
| 141: Other disorders of stomach and duodenum           | 29,549    | 0.10    |
| 142: Appendicitis and other appendiceal conditions     | 82,514    | 0.29    |
| 143: Abdominal hernia                                  | 54,926    | 0.19    |
| 144: Regional enteritis and ulcerative colitis         | 24,364    | 0.09    |
| 145: Intestinal obstruction without hernia             | 81,823    | 0.29    |
| 146: Diverticulosis and diverticulitis                 | 88,347    | 0.31    |
| 147: Anal and rectal conditions                        | 34,539    | 0.12    |
| 148: Peritonitis and intestinal abscess                | 5,563     | 0.02    |
| 149: Biliary tract disease                             | 140,999   | 0.50    |
| 151: Other liver diseases                              | 33,246    | 0.12    |
| 152: Pancreatic disorders (not diabetes)               | 81,266    | 0.29    |
| 153: Gastrointestinal hemorrhage                       | 138,808   | 0.49    |
| 154: Noninfectious gastroenteritis                     | 297,445   | 1.05    |
| 155: Other gastrointestinal disorders                  | 292,308   | 1.03    |
| 156: Nephritis; nephrosis; renal sclerosis             | 1,754     | 0.01    |
| 157: Acute and unspecified renal failure               | 84,663    | 0.30    |
| 158: Chronic renal failure                             | 10,438    | 0.04    |
| 159: Urinary tract infections                          | 654,732   | 2.30    |
| 160: Calculus of urinary tract                         | 266,986   | 0.94    |
| 161: Other diseases of kidney and ureters              | 13,276    | 0.05    |
| 162: Other diseases of bladder and urethra             | 6,577     | 0.02    |
| 163: Genitourinary symptoms and ill-defined conditions | 155,178   | 0.55    |
| 164: Hyperplasia of prostate                           | 7,800     | 0.03    |
| 165: Inflammatory conditions of male genital organs    | 44,873    | 0.16    |
| 166: Other male genital disorders                      | 37,954    | 0.13    |
| 167: Nonmalignant breast conditions                    | 30,104    | 0.11    |
| 168: Inflammatory diseases of female pelvic organs     | 94,427    | 0.33    |
| 169: Endometriosis                                     | 3,652     | 0.01    |

| DXCCS1  | Frequency | Percent |
|---|-----------|---------|
| 170: Prolapse of female genital organs  | 2,389     | 0.01    |
| 171: Menstrual disorders  | 80,206    | 0.28    |
| 172: Ovarian cyst   | 56,465    | 0.20    |
| 173: Menopausal disorders   | 2,835     | 0.01    |
| 174: Female infertility   | 123       | 0.00    |
| 175: Other female genital disorders   | 131,287   | 0.46    |
| 176: Contraceptive and procreative management   | 1,397     | 0.00    |
| 177: Spontaneous abortion   | 38,465    | 0.14    |
| 178: Induced abortion   | 8,905     | 0.03    |
| 179: Postabortion complications   | 1,961     | 0.01    |
| 180: Ectopic pregnancy  | 10,587    | 0.04    |
| 181: Other complications of pregnancy   | 380,299   | 1.34    |
| 182: Hemorrhage during pregnancy; abruptio placenta; placenta previa  | 134,118   | 0.47    |
| 183: Hypertension complicating pregnancy; childbirth and the puerperium   | 9,387     | 0.03    |
| 184: Early or threatened labor  | 34,416    | 0.12    |
| 185: Prolonged pregnancy  | 4,311     | 0.02    |
| 186: Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium               | 3,384     | 0.01    |
| 187: Malposition; malpresentation   | 2,208     | 0.01    |
| 188: Fetopelvic disproportion; obstruction  | 1,103     | 0.00    |
| 189: Previous C-section   | 4,955     | 0.02    |
| 190: Fetal distress and abnormal forces of labor  | 6,026     | 0.02    |
| 191: Polyhydramnios and other problems of amniotic cavity   | 6,280     | 0.02    |
| 192: Umbilical cord complication  | 3,261     | 0.01    |
| 193: OB-related trauma to perineum and vulva  | 13,701    | 0.05    |
| 194: Forceps delivery   | 273       | 0.00    |
| 195: Other complications of birth; puerperium affecting management of mother                                    | 51,649    | 0.18    |
| 196: Normal pregnancy and/or delivery   | 20,632    | 0.07    |
| 197: Skin and subcutaneous tissue infections  | 736,867   | 2.59    |
| 198: Other inflammatory condition of skin   | 34,318    | 0.12    |
| 199: Chronic ulcer of skin  | 19,509    | 0.07    |
| 200: Other skin disorders   | 187,996   | 0.66    |
| 201: Infective arthritis and osteomyelitis (except that caused by tuberculosis or sexually transmitted disease) | 12,464    | 0.04    |

| DXCCS1   | Frequency | Percent |
|--|-----------|---------|
| 202: Rheumatoid arthritis and related disease                        | 6,973     | 0.02    |
| 203: Osteoarthritis  | 26,981    | 0.09    |
| 204: Other non-traumatic joint disorders                             | 346,228   | 1.22    |
| 205: Spondylosis; intervertebral disc disorders; other back problems | 782,657   | 2.75    |
| 206: Osteoporosis  | 490       | 0.00    |
| 207: Pathological fracture   | 12,959    | 0.05    |
| 208: Acquired foot deformities                                       | 1,309     | 0.00    |
| 209: Other acquired deformities                                      | 3,027     | 0.01    |
| 210: Systemic lupus erythematosus and connective tissue disorders    | 5,843     | 0.02    |
| 211: Other connective tissue disease                                 | 453,130   | 1.59    |
| 212: Other bone disease and musculoskeletal deformities              | 44,873    | 0.16    |
| 213: Cardiac and circulatory congenital anomalies                    | 1,656     | 0.01    |
| 214: Digestive congenital anomalies                                  | 3,248     | 0.01    |
| 215: Genitourinary congenital anomalies                              | 2,161     | 0.01    |
| 216: Nervous system congenital anomalies                             | 563       | 0.00    |
| 217: Other congenital anomalies                                      | 3,706     | 0.01    |
| 218: Liveborn  | 1,024     | 0.00    |
| 219: Short gestation; low birth weight; and fetal growth retardation | 90        | 0.00    |
| 220: Intrauterine hypoxia and birth asphyxia                         | 72        | 0.00    |
| 221: Respiratory distress syndrome                                   | 72        | 0.00    |
| 222: Hemolytic jaundice and perinatal jaundice                       | 6,715     | 0.02    |
| 223: Birth trauma  | 246       | 0.00    |
| 224: Other perinatal conditions                                      | 36,130    | 0.13    |
| 225: Joint disorders and dislocations; trauma-related                | 119,737   | 0.42    |
| 226: Fracture of neck of femur (hip)                                 | 72,012    | 0.25    |
| 227: Spinal cord injury  | 3,525     | 0.01    |
| 228: Skull and face fractures  | 69,489    | 0.24    |
| 229: Fracture of upper limb  | 434,874   | 1.53    |
| 230: Fracture of lower limb  | 247,823   | 0.87    |
| 231: Other fractures   | 120,042   | 0.42    |
| 232: Sprains and strains   | 1,437,259 | 5.05    |
| 233: Intracranial injury   | 141,864   | 0.50    |

| DXCCS1   | Frequency | Percent |
|--|-----------|---------|
| 234: Crushing injury or internal injury  | 51,655    | 0.18    |
| 235: Open wounds of head; neck; and trunk  | 595,980   | 2.10    |
| 236: Open wounds of extremities  | 762,591   | 2.68    |
| 237: Complication of device; implant or graft  | 113,288   | 0.40    |
| 238: Complications of surgical procedures or medical care                                  | 150,165   | 0.53    |
| 239: Superficial injury; contusion   | 1,356,897 | 4.77    |
| 240: Burns   | 93,079    | 0.33    |
| 241: Poisoning by psychotropic agents  | 41,582    | 0.15    |
| 242: Poisoning by other medications and drugs  | 96,347    | 0.34    |
| 243: Poisoning by nonmedicinal substances  | 75,646    | 0.27    |
| 244: Other injuries and conditions due to external causes                                  | 623,405   | 2.19    |
| 245: Syncope   | 253,406   | 0.89    |
| 246: Fever of unknown origin   | 333,453   | 1.17    |
| 247: Lymphadenitis   | 34,537    | 0.12    |
| 248: Gangrene  | 3,353     | 0.01    |
| 249: Shock   | 724       | 0.00    |
| 250: Nausea and vomiting   | 361,551   | 1.27    |
| 251: Abdominal pain  | 1,125,563 | 3.96    |
| 252: Malaise and fatigue   | 96,499    | 0.34    |
| 253: Allergic reactions  | 362,582   | 1.27    |
| 254: Rehabilitation care; fitting of prostheses; and adjustment of devices                 | 2,181     | 0.01    |
| 255: Administrative/social admission   | 88,080    | 0.31    |
| 256: Medical examination/evaluation  | 51,992    | 0.18    |
| 257: Other aftercare   | 254,030   | 0.89    |
| 258: Other screening for suspected conditions (not mental disorders or infectious disease) | 49,342    | 0.17    |
| 259: Residual codes; unclassified  | 224,977   | 0.79    |
| 650: Adjustment disorders  | 24,118    | 0.08    |
| 651: Anxiety disorders   | 185,378   | 0.65    |
| 652: Attention-deficit, conduct, and disruptive behavior disorders                         | 21,602    | 0.08    |
| 653: Delirium, dementia, and amnestic and other cognitive disorders                        | 43,552    | 0.15    |
| 654: Developmental disorders   | 7,529     | 0.03    |
| 655: Disorders usually diagnosed in infancy, childhood, or adolescence                     | 2,927     | 0.01    |

| DXCCS1  | Frequency | Percent |
|---|-----------|---------|
| 656: Impulse control disorders, NEC                                   | 3,741     | 0.01    |
| 657: Mood disorders   | 271,759   | 0.96    |
| 658: Personality disorders  | 3,598     | 0.01    |
| 659: Schizophrenia and other psychotic disorders                      | 118,654   | 0.42    |
| 660: Alcohol-related disorders  | 221,318   | 0.78    |
| 661: Substance-related disorders                                      | 110,561   | 0.39    |
| 662: Suicide and intentional self-inflicted injury                    | 10,485    | 0.04    |
| 663: Screening and history of mental health and substance abuse codes | 36,695    | 0.13    |
| 670: Miscellaneous disorders  | 33,065    | 0.12    |

| ECODE1            | Frequency  | Percent |
|-------------------|------------|---------|
| Blank             | 21,047,127 | 73.99   |
| Valid DX          | 7,386,776  | 25.97   |
| Invalid DX (invl) | 13,245     | 0.05    |

| EDEVENT  | Frequency  | Percent |
|--|------------|---------|
| 1: ED visit in which the patient is treated and released                                 | 23,421,624 | 82.33   |
| 2: ED visit in which the patient is admitted to this same hospital                       | 4,433,719  | 15.59   |
| 3: ED visit in which the patient is transferred to another short-term hospital           | 360,495    | 1.27    |
| 9: ED visit in which the patient died in the ED  | 44,911     | 0.16    |
| 98: ED visit in which patient is not admitted to this same hospital, destination unknown | 186,171    | 0.65    |
| 99: ED visit in which the patient is discharged alive, destination unknown               | 228        | 0.00    |

| E_CCS1   | Frequency  | Percent |
|--|------------|---------|
| .: Missing   | 21,047,127 | 73.99   |
| A: Invalid diagnosis                               | 13,245     | 0.05    |
| 662: Suicide and intentional self-inflicted injury | 102,050    | 0.36    |
| 2601: E Codes: Cut/pierceb                         | 515,614    | 1.81    |
| 2602: E Codes: Drowning/submersion                 | 3,405      | 0.01    |
| 2603: E Codes: Fall                                | 1,968,611  | 6.92    |
| 2604: E Codes: Fire/burn                           | 92,620     | 0.33    |
| 2605: E Codes: Firearm                             | 16,873     | 0.06    |
| 2606: E Codes: Machinery                           | 31,608     | 0.11    |
| 2607: E Codes: Motor vehicle traffic (MVT)         | 749,619    | 2.64    |
| 2608: E Codes: Pedal cyclist; not MVT              | 79,479     | 0.28    |
| 2609: E Codes: Pedestrian; not MVT                 | 5,170      | 0.02    |
| 2610: E Codes: Transport; not MVT                  | 85,234     | 0.30    |
| 2611: E Codes: Natural/environment                 | 286,371    | 1.01    |
| 2612: E Codes: Overexertion                        | 629,133    | 2.21    |
| 2613: E Codes: Poisoning                           | 138,630    | 0.49    |
| 2614: E Codes: Struck by; against                  | 962,782    | 3.38    |
| 2615: E Codes: Suffocation                         | 10,910     | 0.04    |
| 2616: E Codes: Adverse effects of medical care     | 229,040    | 0.81    |
| 2617: E Codes: Adverse effects of medical drugs    | 404,642    | 1.42    |
| 2618: E Codes: Other specified and classifiable    | 317,221    | 1.12    |
| 2619: E Codes: Other specified; NEC                | 161,776    | 0.57    |
| 2620: E Codes: Unspecified                         | 472,000    | 1.66    |
| 2621: E Codes: Place of occurrence                 | 123,988    | 0.44    |

| FEMALE           | Frequency  | Percent |
|------------------|------------|---------|
| .: Missing       | 747        | 0.00    |
| .A: Invalid      | 16         | 0.00    |
| .C: Inconsistent | 4,479      | 0.02    |
| 0: Male          | 12,776,094 | 44.91   |
| 1: Female        | 15,665,812 | 55.07   |

| HCUPFILE | Frequency  | Percent |
|----------|------------|---------|
| SEDD     | 24,013,429 | 84.41   |
| SID      | 4,433,719  | 15.59   |

| HOSP_REGION  | Frequency  | Percent |
|--------------|------------|---------|
| 1: Northeast | 5,483,229  | 19.28   |
| 2: Midwest   | 6,181,326  | 21.73   |
| 3: South     | 11,981,819 | 42.12   |
| 4: West      | 4,800,774  | 16.88   |

| INTENT_SELF_HARM | Frequency  | Percent |
|------------------|------------|---------|
| 0: No            | 28,209,115 | 99.16   |
| 1: Yes           | 238,033    | 0.84    |

| NDX           | Frequency | Percent |
|---------------|-----------|---------|
| 0             | 4,079     | 0.01    |
| 1             | 9,647,459 | 33.91   |
| 2             | 6,605,665 | 23.22   |
| 3             | 3,683,142 | 12.95   |
| 4             | 2,166,322 | 7.62    |
| 5             | 1,394,787 | 4.90    |
| 6             | 981,726   | 3.45    |
| 7             | 705,003   | 2.48    |
| 8             | 564,011   | 1.98    |
| 9             | 662,342   | 2.33    |
| 10            | 370,893   | 1.30    |
| 11            | 268,297   | 0.94    |
| 12            | 233,856   | 0.82    |
| 13            | 212,021   | 0.75    |
| 14            | 185,337   | 0.65    |
| 15            | 309,292   | 1.09    |
| 16 or greater | 452,916   | 1.59    |

| NECODE       | Frequency  | Percent |
|--------------|------------|---------|
| 0            | 21,047,127 | 73.99   |
| 1            | 3,636,224  | 12.78   |
| 2            | 3,217,892  | 11.31   |
| 3            | 310,104    | 1.09    |
| 4            | 227,657    | 0.80    |
| 5            | 4,298      | 0.02    |
| 6            | 3,647      | 0.01    |
| 7            | 105        | 0.00    |
| 8            | 76         | 0.00    |
| 9 or greater | 18         | 0.00    |

| PAY1                 | Frequency | Percent |
|----------------------|-----------|---------|
| .: Missing           | 113,261   | 0.40    |
| .A: Invalid          | 26,235    | 0.09    |
| 1: Medicare          | 5,815,581 | 20.44   |
| 2: Medicaid          | 6,318,538 | 22.21   |
| 3: Private insurance | 9,823,779 | 34.53   |
| 4: Self-pay          | 4,752,253 | 16.71   |
| 5: No charge         | 228,389   | 0.80    |
| 6: Other             | 1,369,112 | 4.81    |

| PAY2                 | Frequency  | Percent |
|----------------------|------------|---------|
| .: Missing           | 22,266,385 | 78.27   |
| .A: Invalid          | 385,474    | 1.36    |
| 1: Medicare          | 493,709    | 1.74    |
| 2: Medicaid          | 1,506,313  | 5.30    |
| 3: Private insurance | 1,795,238  | 6.31    |
| 4: Self-pay          | 1,669,187  | 5.87    |
| 5: No charge         | 37,379     | 0.13    |
| 6: Other             | 293,463    | 1.03    |

| PL_NCHS2006            | Frequency | Percent |
|------------------------|-----------|---------|
| .: Missing             | 234,736   | 0.83    |
| 1: Large Central Metro | 7,328,195 | 25.76   |
| 2: Large Fringe Metro  | 6,553,492 | 23.04   |
| 3: Medium Metro        | 6,254,959 | 21.99   |
| 4: Small Metro         | 2,667,232 | 9.38    |
| 5: Micropolitan        | 3,310,410 | 11.64   |
| 6: Noncore             | 2,098,124 | 7.38    |

| TOTCHG_ED         | Frequency  | Percent |
|-------------------|------------|---------|
| .: Missing        | 4,562,549  | 16.04   |
| .A: Invalid       | 44,353     | 0.16    |
| .C: Inconsistent  | 326,765    | 1.15    |
| \$100- \$1,000    | 12,244,800 | 43.04   |
| \$1,001- \$5,000  | 9,810,259  | 34.49   |
| \$5,001-\$10,000  | 1,093,258  | 3.84    |
| \$10,001-\$50,000 | 363,310    | 1.28    |
| \$50,001-\$75,000 | 1,854      | 0.01    |

| YEAR | Frequency  | Percent |
|------|------------|---------|
| 2008 | 28,447,148 | 100.00  |

| ZIPINC_QRTL        | Frequency | Percent |
|--------------------|-----------|---------|
| .: Missing         | 738,653   | 2.60    |
| .A: Invalid        | 4,940     | 0.02    |
| 1: First quartile  | 8,678,400 | 30.51   |
| 2: Second quartile | 8,207,054 | 28.85   |
| 3: Third quartile  | 6,029,627 | 21.20   |
| 4: Fourth quartile | 4,788,474 | 16.83   |

#### Variable: DISCWT (Weight to ED Visits in AHA universe)

| Moments               |            |                         |            |
|-----------------------|------------|-------------------------|------------|
| N                     | 28447148   | Sum Weights             | 28447148   |
| Mean                  | 4.39218947 | <b>Sum Observations</b> | 124945264  |
| <b>Std Deviation</b>  | 1.28416913 | Variance                | 1.64909036 |
| Skewness              | 7.32215432 | Kurtosis                | 124.114854 |
| <b>Uncorrected SS</b> | 595695189  | Corrected SS            | 46911915.8 |
| Coeff Variation       | 29.2375622 | Std Error Mean          | 0.00024077 |

|        | Basic Statistical Measures |                     |          |  |
|--------|----------------------------|---------------------|----------|--|
| Loca   | Location Variability       |                     |          |  |
| Mean   | 4.392189                   | Std Deviation       | 1.28417  |  |
| Median | 4.359627                   | Variance            | 1.64909  |  |
| Mode   | 4.393994                   | Range               | 29.26280 |  |
|        |                            | Interquartile Range | 0.86263  |  |

| Tests for Location: Mu0=0 |                   |          |          |        |  |
|---------------------------|-------------------|----------|----------|--------|--|
| Test                      | Statistic p Value |          |          |        |  |
| Student's t               | t 18242.24        |          | Pr >  t  | <.0001 |  |
| Sign                      | M                 | 14223574 | Pr >=  M | <.0001 |  |
| Signed Rank               | S                 | 2.023E14 | Pr >=  S | <.0001 |  |

| Quantiles (Definition 5) |          |  |
|--------------------------|----------|--|
| Quantile                 | Estimate |  |
| 100% Max                 | 30.29395 |  |
| 99%                      | 8.88062  |  |
| 95%                      | 5.71883  |  |
| 90%                      | 5.39504  |  |
| 75% Q3                   | 4.76659  |  |
| 50% Median               | 4.35963  |  |
| 25% Q1                   | 3.90396  |  |

Variable: DISCWT (Weight to ED Visits in AHA universe)

| Quantiles (Definition 5) |         |  |
|--------------------------|---------|--|
| Quantile Estimate        |         |  |
| 10%                      | 3.13514 |  |
| 5%                       | 2.99117 |  |
| 1% 2.40621               |         |  |
| 0% Min                   | 1.03114 |  |

Variable: AGE (Age in years at admission)

| Moments               |            |                         |            |  |
|-----------------------|------------|-------------------------|------------|--|
| N                     | 28445564   | Sum Weights             | 28445564   |  |
| Mean                  | 38.3628017 | <b>Sum Observations</b> | 1091251530 |  |
| <b>Std Deviation</b>  | 24.4384663 | Variance                | 597.238637 |  |
| Skewness              | 0.3309877  | Kurtosis                | -0.753496  |  |
| <b>Uncorrected SS</b> | 5.88523E10 | Corrected SS            | 1.6988E10  |  |
| Coeff Variation       | 63.7035495 | Std Error Mean          | 0.00458212 |  |

|        | Basic Statistical Measures |                     |           |  |
|--------|----------------------------|---------------------|-----------|--|
| Loca   | Location Variability       |                     |           |  |
| Mean   | 38.36280                   | Std Deviation       | 24.43847  |  |
| Median | 36.00000                   | Variance 597.2386   |           |  |
| Mode   | 0.00000                    | Range               | 123.00000 |  |
|        |                            | Interquartile Range | 35.00000  |  |

| Tests for Location: Mu0=0 |                   |          |          |        |  |
|---------------------------|-------------------|----------|----------|--------|--|
| Test                      | Statistic p Value |          |          |        |  |
| Student's t               | t 8372.278        |          | Pr >  t  | <.0001 |  |
| Sign                      | M                 | 13822162 | Pr >=  M | <.0001 |  |
| Signed Rank               | S                 | 1.911E14 | Pr >=  S | <.0001 |  |

| Quantiles (Definition 5) |          |  |
|--------------------------|----------|--|
| Quantile                 | Estimate |  |
| 100% Max                 | 123      |  |
| 99%                      | 91       |  |
| 95%                      | 83       |  |
| 90%                      | 75       |  |
| 75% Q3                   | 55       |  |
| 50% Median               | 36       |  |
| 25% Q1                   | 20       |  |

Variable: AGE (Age in years at admission)

| Quantiles (Definition 5) |   |  |
|--------------------------|---|--|
| Quantile Estimate        |   |  |
| 10%                      | 5 |  |
| 5%                       | 1 |  |
| 1%                       |   |  |
| 0% Min                   |   |  |

| Missing Values   |       |            |                |
|------------------|-------|------------|----------------|
|                  |       | Percent Of |                |
| Missing<br>Value | Count | All Obs    | Missing<br>Obs |
|                  | 179   | 0.00       | 11.30          |
| A                | 32    | 0.00       | 2.02           |
| С                | 1373  | 0.00       | 86.68          |
| Total            | 1584  | 0.01       | 100.00         |

| Variable: TOT | CHG ED | (Total charge | for ED | services) |
|---------------|--------|---------------|--------|-----------|
|---------------|--------|---------------|--------|-----------|

| Moments               |            |                         |            |  |
|-----------------------|------------|-------------------------|------------|--|
| N                     | 23513481   | Sum Weights             | 23513481   |  |
| Mean                  | 1696.79278 | <b>Sum Observations</b> | 3.98975E10 |  |
| <b>Std Deviation</b>  | 2484.46847 | Variance                | 6172583.56 |  |
| Skewness              | 5.92403454 | Kurtosis                | 66.1248104 |  |
| <b>Uncorrected SS</b> | 2.12837E14 | Corrected SS            | 1.45139E14 |  |
| Coeff Variation       | 146.421443 | Std Error Mean          | 0.51235977 |  |

| Basic Statistical Measures |          |                      |         |
|----------------------------|----------|----------------------|---------|
| Location Variability       |          |                      |         |
| Mean                       | 1696.793 | <b>Std Deviation</b> | 2484    |
| Median                     | 949.000  | Variance             | 6172584 |
| Mode                       | 778.000  | Range                | 74900   |
|                            |          | Interquartile Range  | 1392    |

| Tests for Location: Mu0=0 |    |          |          |        |  |
|---------------------------|----|----------|----------|--------|--|
| Test                      | St | atistic  | p Value  |        |  |
| Student's t               | t  | 3311.721 | Pr >  t  | <.0001 |  |
| Sign                      | M  | 11756741 | Pr >=  M | <.0001 |  |
| Signed Rank               | S  | 1.382E14 | Pr >=  S | <.0001 |  |

| Quantiles (Definition 5) |          |  |  |
|--------------------------|----------|--|--|
| Quantile                 | Estimate |  |  |
| 100% Max                 | 74999.9  |  |  |
| 99%                      | 12119.0  |  |  |
| 95%                      | 5651.0   |  |  |
| 90%                      | 3706.2   |  |  |
| 75% Q3                   | 1888.0   |  |  |
| 50% Median               | 949.0    |  |  |
| 25% Q1                   | 496.5    |  |  |

Variable: TOTCHG\_ED (Total charge for ED services)

| Quantiles (Definition 5) |       |  |  |
|--------------------------|-------|--|--|
| Quantile Estimate        |       |  |  |
| 10%                      | 273.0 |  |  |
| 5%                       | 200.0 |  |  |
| 1%                       | 125.0 |  |  |
| 0% Min                   | 100.0 |  |  |

| Missing Values   |         |            |                |  |
|------------------|---------|------------|----------------|--|
|                  |         | Percent Of |                |  |
| Missing<br>Value | Count   | All Obs    | Missing<br>Obs |  |
|                  | 4562549 | 16.04      | 92.48          |  |
| A                | 44353   | 0.16       | 0.90           |  |
| С                | 326765  | 1.15       | 6.62           |  |
| Total            | 4933667 | 17.34      | 100.00         |  |