**Table 1.** Characteristics of the study population

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Characteristic | All Patients  (n = 3009) | Non Survivor  (n = 326) | Survivor  (n = 2683) | Mortality rate (%) | P-value |
| Age at admission |  |  |  |  | < 0.001 |
| Neonate | 2026 (67.4) | 262 (80.6) | 1764 (65.7) | 12.9 |  |
| Non-neonate | 982 (32.6) | 63 (19.4) | 919 (34.3) | 6.4 |  |
| Sex |  |  |  |  | 0.012 |
| Male | 1541 (51.2) | 145 (44.6) | 1396 (52.0) | 9.4 |  |
| Female | 1467 (48.8) | 180 (55.4) | 1287 (48.0) | 12.3 |  |
| Race |  |  |  |  | < 0.001 |
| White | 1241 (51.6) | 98 (39.4) | 1143 (53.0) | 7.9 |  |
| Black | 242 (10.1) | 40 (16.2) | 202 (9.4) | 16.5 |  |
| Hispanic | 561 (23.3) | 76 (30.7) | 485 (22.5) | 13.5 |  |
| Asian or Pacific Islander | 58 (2.4) | 5 (2.0) | 53 (2.5) | 8.6 |  |
| Native American | 32 (1.3) | 5 (2.0) | 27 (1.3) | 15.6 |  |
| Other | 271 (11.3) | 24 (9.7) | 247 (11.3) | 8.9 |  |
| Primary payer |  |  |  |  | < 0.001 |
| Medicaid | 1386 (46.3) | 199 (61.2) | 1187 (44.5) | 14.4 |  |
| Private insurance | 1393 (46.6) | 111 (34.2) | 1282 (48.1) | 8.0 |  |
| Other | 213 (7.1) | 15 (4.6) | 198 (7.4) | 8.8 |  |
| Hospital bed size |  |  |  |  | 0.563 |
| Small | 306 (14.1) | 34 (15.9) | 272 (14.0) | 11.1 |  |
| Medium | 561 (26.0) | 50 (23.4) | 511 (26.2) | 8.9 |  |
| Large | 1293 (59.9) | 130 (60.7) | 1163 (59.8) | 10.1 |  |
| Region of hospital |  |  |  |  | < 0.001 |
| Northeast | 377 (17.5) | 25 (11.7) | 352 (18.1) | 6.6 |  |
| Midwest | 424 (19.6) | 82 (38.1) | 342 (17.6) | 19.3 |  |
| South | 794 (36.7) | 52 (24.1) | 742 (38.1) | 6.5 |  |
| West | 566 (26.2) | 56 (26.1) | 510 (26.2) | 9.9 |  |
| Disposition of patient |  |  |  |  | < 0.001 |
| Routine | 1976 (65.7) | 0 | 1976 (73.6) |  |  |
| Transfer to short-term hospital | 151 (5.0) | 0 | 151 (5.6) |  |  |
| Transfer Other | 68 (2.3) | 0 | 68 (2.5) |  |  |
| Home Health Care (HHC) | 489 (16.3) | 0 | 489 (18.3) |  |  |
| Died | 326 (10.8) | 326 (100) | 0 |  |  |
| Admission day |  |  |  |  | 0.544 |
| Monday – Friday | 2528 (84.0) | 270 (82.8) | 2258 (84.1) | 10.7 |  |
| Saturday – Sunday | 481 (16.0) | 56 (17.2) | 425 (15.9) | 11.6 |  |
| Discharge quarter |  |  |  |  | 0.124 |
| First quarter (Jan – Mar) | 804 (26.8) | 93 (29.0) | 711 (26.5) | 11.6 |  |
| Second quarter (Apr – Jun) | 690 (23.0) | 86 (26.8) | 604 (22.6) | 12.5 |  |
| Third quarter (Jul – Sep) | 713 (23.7) | 70 (21.8) | 643 (23.9) | 9.8 |  |
| Fourth quarter (Oct – Dec) | 797 (26.5) | 72 (22.4) | 725 (27.0) | 9.0 |  |
| Elective versus non-elective admission |  |  |  |  | 0.020 |
| Non-elective | 2216 (78.8) | 235 (84.3) | 1981 (78.2) | 10.6 |  |
| Elective | 596 (21.2) | 44 (15.7) | 552 (21.8) | 7.4 |  |

Data are expressed in frequency (%); Chi-Square and Fisher’s exact tests were used for analysis.