|  | White (N=21465) | Black (N=2917) | Hispanic (N=1140) | Asian (N=503) | Other (N=1689) | Overall (N=27714) |
| --- | --- | --- | --- | --- | --- | --- |
| **Age overall (years)** |  |  |  |  |  |  |
| Mean (SD) | 66.2 (15.9) | 60.4 (16.5) | 64.4 (19.3) | 65.2 (17.0) | 61.0 (17.6) | 65.2 (16.4) |
| Median [Min, Max] | 68.0 [18.0, 91.0] | 61.0 [18.0, 91.0] | 67.0 [18.0, 91.0] | 67.0 [18.0, 91.0] | 63.0 [18.0, 91.0] | 67.0 [18.0, 91.0] |
| **Age by group (years)** |  |  |  |  |  |  |
| 18 - 44 | 2,033 (9.5%) | 494 (16.9%) | 200 (17.5%) | 70 (13.9%) | 299 (17.7%) | 3,096 (11.2%) |
| 45 - 64 | 6,996 (32.6%) | 1,200 (41.1%) | 320 (28.1%) | 152 (30.2%) | 623 (36.9%) | 9,291 (33.5%) |
| 65 - 74 | 5,211 (24.3%) | 613 (21.0%) | 182 (16.0%) | 106 (21.1%) | 334 (19.8%) | 6,446 (23.3%) |
| 75 - 84 | 4,544 (21.2%) | 404 (13.8%) | 237 (20.8%) | 108 (21.5%) | 283 (16.8%) | 5,576 (20.1%) |
| 85 and higher | 2,681 (12.5%) | 206 (7.1%) | 201 (17.6%) | 67 (13.3%) | 150 (8.9%) | 3,305 (11.9%) |
| **Sex** |  |  |  |  |  |  |
| Female | 10,331 (48.1%) | 1,390 (47.7%) | 559 (49.0%) | 247 (49.1%) | 775 (45.9%) | 13,302 (48.0%) |
| Male | 11,134 (51.9%) | 1,527 (52.3%) | 581 (51.0%) | 256 (50.9%) | 914 (54.1%) | 14,412 (52.0%) |
| **Race Group** |  |  |  |  |  |  |
| White | 21,465 (100%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 21,465 (77.5%) |
| Black | 0 (0%) | 2,917 (100%) | 0 (0%) | 0 (0%) | 0 (0%) | 2,917 (10.5%) |
| Hispanic | 0 (0%) | 0 (0%) | 1,140 (100%) | 0 (0%) | 0 (0%) | 1,140 (4.1%) |
| Asian | 0 (0%) | 0 (0%) | 0 (0%) | 503 (100%) | 0 (0%) | 503 (1.8%) |
| Other | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 1,689 (100%) | 1,689 (6.1%) |
| **Year of Admission** |  |  |  |  |  |  |
| 2014 | 10,194 (47.5%) | 1,346 (46.1%) | 606 (53.2%) | 274 (54.5%) | 846 (50.1%) | 13,266 (47.9%) |
| 2015 | 11,271 (52.5%) | 1,571 (53.9%) | 534 (46.8%) | 229 (45.5%) | 843 (49.9%) | 14,448 (52.1%) |
| **SOFA** |  |  |  |  |  |  |
| Mean (SD) | 4.96 (3.21) | 5.40 (3.26) | 4.76 (3.13) | 4.47 (2.98) | 5.40 (3.40) | 5.02 (3.23) |
| Median [Min, Max] | 4.00 [0, 21.0] | 5.00 [0, 19.0] | 4.00 [0, 18.0] | 4.00 [0, 19.0] | 5.00 [0, 20.0] | 4.00 [0, 21.0] |
| **SOFA Ranges** |  |  |  |  |  |  |
| 0 - 3 | 8,074 (37.6%) | 920 (31.5%) | 460 (40.4%) | 217 (43.1%) | 569 (33.7%) | 10,240 (36.9%) |
| 4 - 6 | 7,569 (35.3%) | 1,026 (35.2%) | 381 (33.4%) | 169 (33.6%) | 564 (33.4%) | 9,709 (35.0%) |
| 7 - 10 | 4,434 (20.7%) | 744 (25.5%) | 238 (20.9%) | 98 (19.5%) | 418 (24.7%) | 5,932 (21.4%) |
| 11 and above | 1,384 (6.4%) | 226 (7.7%) | 60 (5.3%) | 19 (3.8%) | 138 (8.2%) | 1,827 (6.6%) |
| **Charlson Comorbidity Index (CCI)** |  |  |  |  |  |  |
| Mean (SD) | 4.48 (2.90) | 4.23 (3.00) | 4.29 (2.95) | 4.28 (2.90) | 3.93 (2.91) | 4.41 (2.91) |
| Median [Min, Max] | 4.00 [0, 19.0] | 4.00 [0, 16.0] | 4.00 [0, 17.0] | 4.00 [0, 17.0] | 4.00 [0, 18.0] | 4.00 [0, 19.0] |
| **CCI Ranges** |  |  |  |  |  |  |
| 0 - 3 | 8,352 (38.9%) | 1,308 (44.8%) | 462 (40.5%) | 215 (42.7%) | 792 (46.9%) | 11,129 (40.2%) |
| 4 - 6 | 8,478 (39.5%) | 971 (33.3%) | 433 (38.0%) | 188 (37.4%) | 589 (34.9%) | 10,659 (38.5%) |
| 7 - 10 | 3,896 (18.2%) | 538 (18.4%) | 217 (19.0%) | 83 (16.5%) | 273 (16.2%) | 5,007 (18.1%) |
| 11 and above | 739 (3.4%) | 100 (3.4%) | 28 (2.5%) | 17 (3.4%) | 35 (2.1%) | 919 (3.3%) |
| **Cirrhosis** |  |  |  |  |  |  |
| Cirrhosis absent | 20,475 (95.4%) | 2,834 (97.2%) | 1,066 (93.5%) | 475 (94.4%) | 1,571 (93.0%) | 26,421 (95.3%) |
| Cirrhosis present | 990 (4.6%) | 83 (2.8%) | 74 (6.5%) | 28 (5.6%) | 118 (7.0%) | 1,293 (4.7%) |
| **Congestive Heart Failure (CHF)** |  |  |  |  |  |  |
| CHF absent | 16,430 (76.5%) | 2,174 (74.5%) | 861 (75.5%) | 397 (78.9%) | 1,409 (83.4%) | 21,271 (76.8%) |
| CHF present | 5,035 (23.5%) | 743 (25.5%) | 279 (24.5%) | 106 (21.1%) | 280 (16.6%) | 6,443 (23.2%) |
| **CKD** |  |  |  |  |  |  |
| Absent | 19,284 (89.8%) | 2,300 (78.8%) | 997 (87.5%) | 429 (85.3%) | 1,460 (86.4%) | 24,470 (88.3%) |
| Present | 2,181 (10.2%) | 617 (21.2%) | 143 (12.5%) | 74 (14.7%) | 229 (13.6%) | 3,244 (11.7%) |
| **Lactate Day 1 (mmol/L)** |  |  |  |  |  |  |
| Mean (SD) | 3.03 (2.82) | 3.25 (3.14) | 3.24 (2.65) | 3.61 (3.22) | 3.26 (3.01) | 3.08 (2.87) |
| Median [Min, Max] | 2.10 [0.100, 30.0] | 2.20 [0.200, 26.8] | 2.40 [0.300, 20.5] | 2.50 [0.400, 24.8] | 2.20 [0.200, 26.0] | 2.10 [0.100, 30.0] |
| **Lactate Day 2 (mmol/L)** |  |  |  |  |  |  |
| Mean (SD) | 2.84 (3.29) | 3.24 (3.74) | 2.90 (3.42) | 3.17 (4.07) | 3.14 (3.32) | 2.91 (3.37) |
| Median [Min, Max] | 1.70 [0.200, 29.6] | 1.85 [0.240, 27.0] | 1.70 [0.400, 20.5] | 1.70 [0.400, 24.0] | 2.00 [0.400, 22.7] | 1.76 [0.200, 29.6] |
| **No. Measurements of Lactate in Day 1** |  |  |  |  |  |  |
| Mean (SD) | 2.23 (1.64) | 2.14 (1.68) | 2.19 (1.80) | 2.49 (1.80) | 2.29 (1.66) | 2.22 (1.65) |
| Median [Min, Max] | 2.00 [1.00, 21.0] | 2.00 [1.00, 25.0] | 2.00 [1.00, 20.0] | 2.00 [1.00, 14.0] | 2.00 [1.00, 20.0] | 2.00 [1.00, 25.0] |
| **No. Measurements of Lactate in Day 2** |  |  |  |  |  |  |
| Mean (SD) | 1.65 (1.16) | 1.65 (1.31) | 1.68 (1.12) | 1.92 (1.38) | 1.77 (1.23) | 1.66 (1.18) |
| Median [Min, Max] | 1.00 [1.00, 14.0] | 1.00 [1.00, 14.0] | 1.00 [1.00, 7.00] | 1.00 [1.00, 6.00] | 1.00 [1.00, 9.00] | 1.00 [1.00, 14.0] |
| **Min. Hemoglobin (entire stay) (g/dL)** |  |  |  |  |  |  |
| Mean (SD) | 10.1 (2.48) | 10.3 (2.52) | 9.86 (2.54) | 10.4 (2.64) | 10.5 (2.59) | 10.2 (2.49) |
| Median [Min, Max] | 10.1 [2.50, 17.4] | 10.3 [5.10, 17.1] | 9.65 [4.80, 14.5] | 10.4 [6.50, 15.6] | 10.0 [6.00, 16.0] | 10.1 [2.50, 17.4] |
| **Length of stay (days)** |  |  |  |  |  |  |
| Mean (SD) | 9.41 (9.76) | 11.4 (19.3) | 11.0 (14.7) | 10.3 (11.3) | 9.65 (8.99) | 9.71 (11.4) |
| Median [Min, Max] | 6.81 [1.00, 281] | 7.71 [1.01, 754] | 7.25 [1.01, 258] | 6.72 [1.03, 122] | 6.79 [1.00, 85.2] | 6.89 [1.00, 754] |
| **Mechanical Ventilation** |  |  |  |  |  |  |
| Received | 8,536 (39.8%) | 1,246 (42.7%) | 408 (35.8%) | 191 (38.0%) | 708 (41.9%) | 11,089 (40.0%) |
| Not received | 12,929 (60.2%) | 1,671 (57.3%) | 732 (64.2%) | 312 (62.0%) | 981 (58.1%) | 16,625 (60.0%) |
| **Renal Replacement Therapy** |  |  |  |  |  |  |
| Received | 1,752 (8.2%) | 412 (14.1%) | 115 (10.1%) | 49 (9.7%) | 208 (12.3%) | 2,536 (9.2%) |
| Did not receive | 19,713 (91.8%) | 2,505 (85.9%) | 1,025 (89.9%) | 454 (90.3%) | 1,481 (87.7%) | 25,178 (90.8%) |
| **Time elapsed before RRT (hours)** |  |  |  |  |  |  |
| Mean (SD) | 49.5 (86.6) | 37.7 (69.0) | 44.2 (81.2) | 53.8 (95.3) | 47.9 (85.3) | 47.3 (83.8) |
| Median [Min, Max] | 19.9 [-24.0, 914] | 6.98 [-21.6, 479] | 12.5 [-3.28, 470] | 11.4 [-4.77, 493] | 16.9 [-2.93, 603] | 16.9 [-24.0, 914] |
| **Vasopressor(s)** |  |  |  |  |  |  |
| Received | 10,538 (49.1%) | 1,367 (46.9%) | 523 (45.9%) | 216 (42.9%) | 849 (50.3%) | 13,493 (48.7%) |
| Not received | 10,927 (50.9%) | 1,550 (53.1%) | 617 (54.1%) | 287 (57.1%) | 840 (49.7%) | 14,221 (51.3%) |
| **Blood Transfusion (entire stay)** |  |  |  |  |  |  |
| Received | 2,925 (13.6%) | 542 (18.6%) | 149 (13.1%) | 61 (12.1%) | 240 (14.2%) | 3,917 (14.1%) |
| Not received | 18,540 (86.4%) | 2,375 (81.4%) | 991 (86.9%) | 442 (87.9%) | 1,449 (85.8%) | 23,797 (85.9%) |
| **Blood Transfusion (first 2 days)** |  |  |  |  |  |  |
| Received | 1,788 (8.3%) | 327 (11.2%) | 94 (8.2%) | 43 (8.5%) | 148 (8.8%) | 2,400 (8.7%) |
| Not received | 19,677 (91.7%) | 2,590 (88.8%) | 1,046 (91.8%) | 460 (91.5%) | 1,541 (91.2%) | 25,314 (91.3%) |
| **Volume of Blood received (day 1) (mL)** |  |  |  |  |  |  |
| Mean (SD) | 691 (594) | 594 (359) | 641 (307) | 868 (904) | 679 (654) | 679 (573) |
| Median [Min, Max] | 600 [0, 7500] | 566 [2.00, 2800] | 636 [240, 1460] | 654 [167, 4900] | 567 [125, 6130] | 600 [0, 7500] |
| **Volume of Blood received (day 2) (mL)** |  |  |  |  |  |  |
| Mean (SD) | 515 (366) | 557 (403) | 521 (316) | 595 (491) | 641 (523) | 529 (383) |
| Median [Min, Max] | 365 [0, 5520] | 375 [12.5, 2630] | 365 [0, 1750] | 386 [300, 2260] | 375 [150, 2550] | 370 [0, 5520] |
| **Fluids (entire stay)** |  |  |  |  |  |  |
| Received | 2,766 (12.9%) | 587 (20.1%) | 164 (14.4%) | 54 (10.7%) | 165 (9.8%) | 3,736 (13.5%) |
| Not received | 18,699 (87.1%) | 2,330 (79.9%) | 976 (85.6%) | 449 (89.3%) | 1,524 (90.2%) | 23,978 (86.5%) |
| **Fluids (during the 2 first days)** |  |  |  |  |  |  |
| Received | 2,540 (11.8%) | 539 (18.5%) | 139 (12.2%) | 46 (9.1%) | 141 (8.3%) | 3,405 (12.3%) |
| Not received | 18,925 (88.2%) | 2,378 (81.5%) | 1,001 (87.8%) | 457 (90.9%) | 1,548 (91.7%) | 24,309 (87.7%) |
| **Volume of Fluids received (day 1) (mL)** |  |  |  |  |  |  |
| Mean (SD) | 1960 (1690) | 1810 (1790) | 1170 (1540) | 1920 (1980) | 1740 (1670) | 1890 (1710) |
| Median [Min, Max] | 1570 [0, 13900] | 1260 [1.50, 13500] | 600 [50.0, 13000] | 1370 [0, 11200] | 1250 [0, 7440] | 1500 [0, 13900] |
| **Volume of Fluids received (day 2) (mL)** |  |  |  |  |  |  |
| Mean (SD) | 1430 (1500) | 1230 (1260) | 761 (842) | 1550 (1510) | 1260 (1300) | 1370 (1450) |
| Median [Min, Max] | 1160 [0, 36200] | 800 [0, 6250] | 458 [2.00, 3760] | 1020 [15.0, 5480] | 814 [5.00, 6720] | 1050 [0, 36200] |