|  | White (N=4533) | Black (N=652) | Hispanic (N=221) | Asian (N=115) | Other (N=352) | Overall (N=5873) |
| --- | --- | --- | --- | --- | --- | --- |
| **Age overall (years)** |  |  |  |  |  |  |
| Mean (SD) | 65.2 (15.8) | 60.5 (16.7) | 60.8 (19.4) | 64.5 (16.8) | 60.0 (17.3) | 64.2 (16.3) |
| Median [Min, Max] | 66.0 [18.0, 91.0] | 62.0 [18.0, 91.0] | 62.0 [18.0, 91.0] | 66.0 [20.0, 91.0] | 61.0 [18.0, 91.0] | 65.0 [18.0, 91.0] |
| **Age by group (years)** |  |  |  |  |  |  |
| 18 - 44 | 464 (10.2%) | 117 (17.9%) | 50 (22.6%) | 15 (13.0%) | 67 (19.0%) | 713 (12.1%) |
| 45 - 64 | 1,604 (35.4%) | 243 (37.3%) | 71 (32.1%) | 37 (32.2%) | 130 (36.9%) | 2,085 (35.5%) |
| 65 - 74 | 1,076 (23.7%) | 161 (24.7%) | 35 (15.8%) | 26 (22.6%) | 70 (19.9%) | 1,368 (23.3%) |
| 75 - 84 | 905 (20.0%) | 85 (13.0%) | 40 (18.1%) | 22 (19.1%) | 59 (16.8%) | 1,111 (18.9%) |
| 85 and higher | 484 (10.7%) | 46 (7.1%) | 25 (11.3%) | 15 (13.0%) | 26 (7.4%) | 596 (10.1%) |
| **Sex** |  |  |  |  |  |  |
| Female | 2,218 (48.9%) | 322 (49.4%) | 104 (47.1%) | 55 (47.8%) | 156 (44.3%) | 2,855 (48.6%) |
| Male | 2,315 (51.1%) | 330 (50.6%) | 117 (52.9%) | 60 (52.2%) | 196 (55.7%) | 3,018 (51.4%) |
| **Year of Admission** |  |  |  |  |  |  |
| 2014 | 2,133 (47.1%) | 288 (44.2%) | 115 (52.0%) | 66 (57.4%) | 182 (51.7%) | 2,784 (47.4%) |
| 2015 | 2,400 (52.9%) | 364 (55.8%) | 106 (48.0%) | 49 (42.6%) | 170 (48.3%) | 3,089 (52.6%) |
| **SOFA** |  |  |  |  |  |  |
| Mean (SD) | 6.42 (3.71) | 6.79 (3.60) | 5.68 (3.49) | 5.37 (3.43) | 7.01 (3.90) | 6.45 (3.71) |
| Median [Min, Max] | 6.00 [0, 21.0] | 6.00 [0, 19.0] | 5.00 [0, 17.0] | 5.00 [0, 15.0] | 7.00 [0, 20.0] | 6.00 [0, 21.0] |
| **SOFA Ranges** |  |  |  |  |  |  |
| 0 - 3 | 1,093 (24.1%) | 109 (16.7%) | 67 (30.3%) | 38 (33.0%) | 81 (23.0%) | 1,388 (23.6%) |
| 4 - 6 | 1,443 (31.8%) | 226 (34.7%) | 76 (34.4%) | 35 (30.4%) | 92 (26.1%) | 1,872 (31.9%) |
| 7 - 10 | 1,344 (29.6%) | 213 (32.7%) | 52 (23.5%) | 32 (27.8%) | 118 (33.5%) | 1,759 (30.0%) |
| 11 and above | 653 (14.4%) | 104 (16.0%) | 25 (11.3%) | 10 (8.7%) | 61 (17.3%) | 853 (14.5%) |
| **Charlson Comorbidity Index (CCI)** |  |  |  |  |  |  |
| Mean (SD) | 4.39 (2.89) | 4.24 (3.00) | 4.03 (2.80) | 4.32 (2.86) | 3.79 (2.89) | 4.32 (2.90) |
| Median [Min, Max] | 4.00 [0, 18.0] | 4.00 [0, 16.0] | 4.00 [0, 13.0] | 4.00 [0, 12.0] | 4.00 [0, 18.0] | 4.00 [0, 18.0] |
| **CCI Ranges** |  |  |  |  |  |  |
| 0 - 3 | 1,853 (40.9%) | 283 (43.4%) | 92 (41.6%) | 50 (43.5%) | 174 (49.4%) | 2,452 (41.8%) |
| 4 - 6 | 1,740 (38.4%) | 234 (35.9%) | 88 (39.8%) | 41 (35.7%) | 119 (33.8%) | 2,222 (37.8%) |
| 7 - 10 | 785 (17.3%) | 113 (17.3%) | 36 (16.3%) | 20 (17.4%) | 55 (15.6%) | 1,009 (17.2%) |
| 11 and above | 155 (3.4%) | 22 (3.4%) | 5 (2.3%) | 4 (3.5%) | 4 (1.1%) | 190 (3.2%) |
| **Cirrhosis** |  |  |  |  |  |  |
| Cirrhosis absent | 4,237 (93.5%) | 625 (95.9%) | 193 (87.3%) | 107 (93.0%) | 317 (90.1%) | 5,479 (93.3%) |
| Cirrhosis present | 296 (6.5%) | 27 (4.1%) | 28 (12.7%) | 8 (7.0%) | 35 (9.9%) | 394 (6.7%) |
| **Congestive Heart Failure (CHF)** |  |  |  |  |  |  |
| CHF absent | 3,480 (76.8%) | 498 (76.4%) | 179 (81.0%) | 88 (76.5%) | 299 (84.9%) | 4,544 (77.4%) |
| CHF present | 1,053 (23.2%) | 154 (23.6%) | 42 (19.0%) | 27 (23.5%) | 53 (15.1%) | 1,329 (22.6%) |
| **CKD** |  |  |  |  |  |  |
| Absent | 4,055 (89.5%) | 514 (78.8%) | 195 (88.2%) | 100 (87.0%) | 312 (88.6%) | 5,176 (88.1%) |
| Present | 478 (10.5%) | 138 (21.2%) | 26 (11.8%) | 15 (13.0%) | 40 (11.4%) | 697 (11.9%) |
| **Lactate Day 1 (mmol/L)** |  |  |  |  |  |  |
| Mean (SD) | 4.44 (3.65) | 5.02 (4.04) | 4.41 (3.33) | 5.04 (4.05) | 4.83 (3.82) | 4.54 (3.71) |
| Median [Min, Max] | 3.40 [0.300, 29.5] | 3.70 [0.300, 25.3] | 3.50 [0.400, 17.6] | 4.20 [0.600, 17.0] | 3.80 [0.600, 22.1] | 3.40 [0.300, 29.5] |
| **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) | 3.35 (2.15) | 3.33 (2.40) | 3.51 (2.64) | 3.92 (2.49) | 3.49 (2.26) | 3.38 (2.21) |
| Median [Min, Max] | 3.00 [1.00, 21.0] | 3.00 [1.00, 25.0] | 3.00 [1.00, 20.0] | 3.00 [1.00, 14.0] | 3.00 [1.00, 20.0] | 3.00 [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 (2.55) | 9.87 (2.60) | 10.1 (2.96) | 11.3 (0.808) | 11.9 (2.83) | 10.2 (2.60) |
| Median [Min, Max] | 10.2 [2.50, 17.4] | 10.2 [5.10, 14.5] | 9.90 [5.30, 14.5] | 11.4 [10.4, 12.0] | 12.4 [7.10, 15.6] | 10.2 [2.50, 17.4] |
| **Length of stay (days)** |  |  |  |  |  |  |
| Mean (SD) | 11.7 (12.8) | 14.9 (32.1) | 13.5 (18.4) | 12.3 (11.7) | 11.9 (9.85) | 12.1 (16.2) |
| Median [Min, Max] | 8.45 [1.07, 281] | 9.99 [1.08, 754] | 8.80 [1.04, 157] | 8.99 [1.46, 64.8] | 8.61 [1.13, 54.9] | 8.65 [1.04, 754] |
| **Mechanical Ventilation** |  |  |  |  |  |  |
| Received | 2,716 (59.9%) | 412 (63.2%) | 118 (53.4%) | 64 (55.7%) | 219 (62.2%) | 3,529 (60.1%) |
| Not received | 1,817 (40.1%) | 240 (36.8%) | 103 (46.6%) | 51 (44.3%) | 133 (37.8%) | 2,344 (39.9%) |
| **Renal Replacement Therapy** |  |  |  |  |  |  |
| Received | 647 (14.3%) | 118 (18.1%) | 28 (12.7%) | 13 (11.3%) | 65 (18.5%) | 871 (14.8%) |
| Did not receive | 3,886 (85.7%) | 534 (81.9%) | 193 (87.3%) | 102 (88.7%) | 287 (81.5%) | 5,002 (85.2%) |
| **Time elapsed before RRT (hours)** |  |  |  |  |  |  |
| Mean (SD) | 61.7 (93.3) | 49.2 (61.4) | 69.7 (101) | 102 (144) | 71.7 (106) | 61.6 (92.0) |
| Median [Min, Max] | 33.6 [-23.3, 914] | 26.0 [-4.60, 261] | 35.1 [0.600, 470] | 41.2 [1.20, 493] | 31.1 [0.200, 502] | 32.8 [-23.3, 914] |
| **Vasopressor(s)** |  |  |  |  |  |  |
| Received | 3,168 (69.9%) | 454 (69.6%) | 126 (57.0%) | 66 (57.4%) | 257 (73.0%) | 4,071 (69.3%) |
| Not received | 1,365 (30.1%) | 198 (30.4%) | 95 (43.0%) | 49 (42.6%) | 95 (27.0%) | 1,802 (30.7%) |
| **Blood Transfusion (entire stay)** |  |  |  |  |  |  |
| Received | 940 (20.7%) | 169 (25.9%) | 37 (16.7%) | 20 (17.4%) | 70 (19.9%) | 1,236 (21.0%) |
| Not received | 3,593 (79.3%) | 483 (74.1%) | 184 (83.3%) | 95 (82.6%) | 282 (80.1%) | 4,637 (79.0%) |
| **Blood Transfusion (first 2 days)** |  |  |  |  |  |  |
| Received | 549 (12.1%) | 92 (14.1%) | 20 (9.0%) | 11 (9.6%) | 43 (12.2%) | 715 (12.2%) |
| Not received | 3,984 (87.9%) | 560 (85.9%) | 201 (91.0%) | 104 (90.4%) | 309 (87.8%) | 5,158 (87.8%) |
| **Volume of Blood received (day 1) (mL)** |  |  |  |  |  |  |
| Mean (SD) | 820 (779) | 608 (257) | 719 (325) | 1430 (1610) | 971 (1070) | 812 (778) |
| Median [Min, Max] | 620 [0, 7500] | 600 [250, 1200] | 636 [350, 1330] | 700 [324, 4900] | 662 [300, 6130] | 625 [0, 7500] |
| **Volume of Blood received (day 2) (mL)** |  |  |  |  |  |  |
| Mean (SD) | 587 (469) | 664 (560) | 646 (428) | 704 (773) | 832 (718) | 614 (503) |
| Median [Min, Max] | 425 [0, 5520] | 570 [100, 2630] | 513 [270, 1750] | 356 [300, 2260] | 630 [150, 2550] | 439 [0, 5520] |
| **Fluids (entire stay)** |  |  |  |  |  |  |
| Received | 610 (13.5%) | 122 (18.7%) | 30 (13.6%) | 8 (7.0%) | 37 (10.5%) | 807 (13.7%) |
| Not received | 3,923 (86.5%) | 530 (81.3%) | 191 (86.4%) | 107 (93.0%) | 315 (89.5%) | 5,066 (86.3%) |
| **Fluids (during the 2 first days)** |  |  |  |  |  |  |
| Received | 552 (12.2%) | 111 (17.0%) | 26 (11.8%) | 3 (2.6%) | 28 (8.0%) | 720 (12.3%) |
| Not received | 3,981 (87.8%) | 541 (83.0%) | 195 (88.2%) | 112 (97.4%) | 324 (92.0%) | 5,153 (87.7%) |
| **Volume of Fluids received (day 1) (mL)** |  |  |  |  |  |  |
| Mean (SD) | 2200 (2000) | 2390 (2500) | 1640 (2610) | 1750 (1690) | 2280 (1950) | 2210 (2110) |
| Median [Min, Max] | 1730 [0, 11100] | 1760 [5.00, 13500] | 917 [250, 13000] | 1790 [40.0, 3430] | 2170 [2.00, 7130] | 1700 [0, 13500] |
| **Volume of Fluids received (day 2) (mL)** |  |  |  |  |  |  |
| Mean (SD) | 1590 (1450) | 1490 (1530) | 967 (894) | 2210 (2880) | 1750 (1260) | 1560 (1450) |
| Median [Min, Max] | 1280 [0, 11500] | 977 [0, 6250] | 667 [100, 2680] | 1130 [30.0, 5480] | 2070 [10.0, 4730] | 1230 [0, 11500] |
| **In-hospital Mortality** |  |  |  |  |  |  |
| Died | 1,215 (26.8%) | 180 (27.6%) | 45 (20.4%) | 31 (27.0%) | 91 (25.9%) | 1,562 (26.6%) |
| Survived | 3,318 (73.2%) | 472 (72.4%) | 176 (79.6%) | 84 (73.0%) | 261 (74.1%) | 4,311 (73.4%) |