|  | Non-White (N=7566) | White (N=30707) | Overall (N=38273) |
| --- | --- | --- | --- |
| **Race** |  |  |  |
| African American | 4,308 (56.9%) | 0 (0%) | 4,308 (11.3%) |
| Asian | 674 (8.9%) | 0 (0%) | 674 (1.8%) |
| Hispanic | 1,941 (25.7%) | 0 (0%) | 1,941 (5.1%) |
| Other | 643 (8.5%) | 0 (0%) | 643 (1.7%) |
| White | 0 (0%) | 30,707 (100%) | 30,707 (80.2%) |
| **In-hospital mortality** |  |  |  |
| Survived | 6,368 (84.2%) | 25,702 (83.7%) | 32,070 (83.8%) |
| Died | 1,198 (15.8%) | 5,005 (16.3%) | 6,203 (16.2%) |
| **Cohort** |  |  |  |
| eICU | 7,566 (100%) | 30,707 (100%) | 38,273 (100%) |
| MIMIC | 0 (0%) | 0 (0%) | 0 (0%) |
| **Admission type** |  |  |  |
| Emergency admission | 5,352 (70.7%) | 21,592 (70.3%) | 26,944 (70.4%) |
| Elective admission | 2,089 (27.6%) | 8,574 (27.9%) | 10,663 (27.9%) |
| Missing | 125 (1.7%) | 541 (1.8%) | 666 (1.7%) |
| **Vasopressor** |  |  |  |
| 0 | 4,419 (58.4%) | 17,519 (57.1%) | 21,938 (57.3%) |
| 1 | 3,147 (41.6%) | 13,188 (42.9%) | 16,335 (42.7%) |
| **Mechanical ventilation** |  |  |  |
| 0 | 4,499 (59.5%) | 18,313 (59.6%) | 22,812 (59.6%) |
| 1 | 3,067 (40.5%) | 12,394 (40.4%) | 15,461 (40.4%) |
| **Renal replacement therapy** |  |  |  |
| 0 | 6,675 (88.2%) | 28,385 (92.4%) | 35,060 (91.6%) |
| 1 | 891 (11.8%) | 2,322 (7.6%) | 3,213 (8.4%) |
| **Age by group (years)** |  |  |  |
| 18 - 44 | 1,303 (17.2%) | 2,965 (9.7%) | 4,268 (11.2%) |
| 45 - 64 | 2,729 (36.1%) | 9,743 (31.7%) | 12,472 (32.6%) |
| 65 - 74 | 1,455 (19.2%) | 7,433 (24.2%) | 8,888 (23.2%) |
| 75 - 84 | 1,253 (16.6%) | 6,568 (21.4%) | 7,821 (20.4%) |
| 85 and higher | 826 (10.9%) | 3,998 (13.0%) | 4,824 (12.6%) |
| **Age overall (years)** |  |  |  |
| Mean (SD) | 62.0 (17.6) | 66.4 (16.1) | 65.5 (16.5) |
| Median [Min, Max] | 63.0 [18.0, 91.0] | 68.0 [18.0, 91.0] | 67.0 [18.0, 91.0] |
| **Sex** |  |  |  |
| Female | 3,868 (51.1%) | 16,069 (52.3%) | 19,937 (52.1%) |
| Male | 3,698 (48.9%) | 14,638 (47.7%) | 18,336 (47.9%) |
| **SOFA categorical** |  |  |  |
| 0 - 3 | 2,955 (39.1%) | 13,174 (42.9%) | 16,129 (42.1%) |
| 4 - 6 | 2,625 (34.7%) | 10,553 (34.4%) | 13,178 (34.4%) |
| 7 - 10 | 1,564 (20.7%) | 5,386 (17.5%) | 6,950 (18.2%) |
| 11 and above | 420 (5.6%) | 1,590 (5.2%) | 2,010 (5.3%) |
| Missing | 2 (0.0%) | 4 (0.0%) | 6 (0.0%) |
| **SOFA continuous** |  |  |  |
| Mean (SD) | 4.80 (3.14) | 4.55 (3.11) | 4.60 (3.12) |
| Median [Min, Max] | 4.00 [0, 19.0] | 4.00 [0, 21.0] | 4.00 [0, 21.0] |
| Missing | 2 (0.0%) | 4 (0.0%) | 6 (0.0%) |
| **OASIS categorical** |  |  |  |
| 0 - 37 | 199 (2.6%) | 921 (3.0%) | 1,120 (2.9%) |
| 38 - 45 | 1,158 (15.3%) | 5,819 (19.0%) | 6,977 (18.2%) |
| 46 - 51 | 2,128 (28.1%) | 8,717 (28.4%) | 10,845 (28.3%) |
| 52 and above | 1,182 (15.6%) | 4,459 (14.5%) | 5,641 (14.7%) |
| Missing | 2899 (38.3%) | 10791 (35.1%) | 13690 (35.8%) |
| **OASIS continuous** |  |  |  |
| Mean (SD) | 47.7 (6.08) | 47.2 (5.89) | 47.3 (5.93) |
| Median [Min, Max] | 46.0 [33.0, 64.0] | 46.0 [32.0, 65.0] | 46.0 [32.0, 65.0] |
| Missing | 2899 (38.3%) | 10791 (35.1%) | 13690 (35.8%) |
| **Length of stay (days)** |  |  |  |
| Mean (SD) | 10.2 (15.8) | 8.90 (10.9) | 9.16 (12.0) |
| Median [Min, Max] | 6.77 [0.00486, 754] | 6.33 [0, 731] | 6.43 [0, 754] |
| **Length of stay, if survived (days)** |  |  |  |
| Mean (SD) | 10.4 (13.3) | 9.30 (11.1) | 9.52 (11.5) |
| Median [Min, Max] | 6.97 [0.101, 369] | 6.73 [0, 731] | 6.77 [0, 731] |
| Missing | 1198 (15.8%) | 5005 (16.3%) | 6203 (16.2%) |
| **Length of stay, if died (days)** |  |  |  |
| Mean (SD) | 9.27 (25.4) | 6.82 (9.59) | 7.29 (14.1) |
| Median [Min, Max] | 4.75 [0.00486, 754] | 3.90 [0, 247] | 4.05 [0, 754] |
| Missing | 6368 (84.2%) | 25702 (83.7%) | 32070 (83.8%) |
| **Charlson index categorical** |  |  |  |
| 0 - 3 | 3,254 (43.0%) | 11,878 (38.7%) | 15,132 (39.5%) |
| 4 - 6 | 2,678 (35.4%) | 12,042 (39.2%) | 14,720 (38.5%) |
| 7 - 10 | 1,389 (18.4%) | 5,736 (18.7%) | 7,125 (18.6%) |
| 11 and above | 245 (3.2%) | 1,051 (3.4%) | 1,296 (3.4%) |
| **Charlson index continuous** |  |  |  |
| Mean (SD) | 4.26 (2.99) | 4.50 (2.91) | 4.45 (2.92) |
| Median [Min, Max] | 4.00 [0, 18.0] | 4.00 [0, 19.0] | 4.00 [0, 19.0] |
| **Hypertension** |  |  |  |
| Hypertension absent | 3,025 (40.0%) | 14,121 (46.0%) | 17,146 (44.8%) |
| Hypertension present | 4,541 (60.0%) | 16,586 (54.0%) | 21,127 (55.2%) |
| **Congestive heart failure** |  |  |  |
| CHF absent | 5,722 (75.6%) | 23,392 (76.2%) | 29,114 (76.1%) |
| CHF present | 1,844 (24.4%) | 7,315 (23.8%) | 9,159 (23.9%) |
| **COPD** |  |  |  |
| COPD absent | 6,227 (82.3%) | 22,748 (74.1%) | 28,975 (75.7%) |
| COPD present | 1,339 (17.7%) | 7,959 (25.9%) | 9,298 (24.3%) |
| **Asthma** |  |  |  |
| Asthma absent | 6,856 (90.6%) | 28,260 (92.0%) | 35,116 (91.8%) |
| Asthma present | 710 (9.4%) | 2,447 (8.0%) | 3,157 (8.2%) |
| **Chronic kidney disease** |  |  |  |
| CKD absent | 6,008 (79.4%) | 26,332 (85.8%) | 32,340 (84.5%) |
| CKD Stage 1 | 3 (0.0%) | 14 (0.0%) | 17 (0.0%) |
| CKD Stage 2 | 270 (3.6%) | 1,262 (4.1%) | 1,532 (4.0%) |
| CKD Stage 3 | 208 (2.7%) | 976 (3.2%) | 1,184 (3.1%) |
| CKD Stage 4 | 56 (0.7%) | 166 (0.5%) | 222 (0.6%) |
| CKD Stage 5 | 1,021 (13.5%) | 1,957 (6.4%) | 2,978 (7.8%) |