|  | Non-White (N=11072) | White (N=46616) | Overall (N=57688) |
| --- | --- | --- | --- |
| **In-hospital mortality** |  |  |  |
| Survived | 8,377 (75.7%) | 35,109 (75.3%) | 43,486 (75.4%) |
| Died | 2,695 (24.3%) | 11,507 (24.7%) | 14,202 (24.6%) |
| **Cohort** |  |  |  |
| eICU | 7,566 (68.3%) | 30,707 (65.9%) | 38,273 (66.3%) |
| MIMIC | 3,506 (31.7%) | 15,909 (34.1%) | 19,415 (33.7%) |
| **Admission type** |  |  |  |
| Emergency admission | 8,505 (76.8%) | 34,625 (74.3%) | 43,130 (74.8%) |
| Elective admission | 2,442 (22.1%) | 11,450 (24.6%) | 13,892 (24.1%) |
| Missing | 125 (1.1%) | 541 (1.2%) | 666 (1.2%) |
| **Vasopressor** |  |  |  |
| 0 | 6,384 (57.7%) | 25,336 (54.4%) | 31,720 (55.0%) |
| 1 | 4,688 (42.3%) | 21,280 (45.6%) | 25,968 (45.0%) |
| **Invasive ventilation** |  |  |  |
| 0 | 6,386 (57.7%) | 26,565 (57.0%) | 32,951 (57.1%) |
| 1 | 4,686 (42.3%) | 20,051 (43.0%) | 24,737 (42.9%) |
| **Renal replacement therapy** |  |  |  |
| 0 | 9,787 (88.4%) | 43,169 (92.6%) | 52,956 (91.8%) |
| 1 | 1,285 (11.6%) | 3,447 (7.4%) | 4,732 (8.2%) |
| **Age by group (years)** |  |  |  |
| 18 - 44 | 1,930 (17.4%) | 4,332 (9.3%) | 6,262 (10.9%) |
| 45 - 64 | 4,073 (36.8%) | 15,001 (32.2%) | 19,074 (33.1%) |
| 65 - 74 | 2,133 (19.3%) | 11,274 (24.2%) | 13,407 (23.2%) |
| 75 - 84 | 1,834 (16.6%) | 10,038 (21.5%) | 11,872 (20.6%) |
| 85 and higher | 1,102 (10.0%) | 5,971 (12.8%) | 7,073 (12.3%) |
| **Age overall (years)** |  |  |  |
| Mean (SD) | 61.6 (17.5) | 66.5 (15.9) | 65.5 (16.3) |
| Median [Min, Max] | 63.0 [18.0, 91.0] | 68.0 [18.0, 91.0] | 67.0 [18.0, 91.0] |
| **Sex** |  |  |  |
| Female | 5,706 (51.5%) | 25,305 (54.3%) | 31,011 (53.8%) |
| Male | 5,366 (48.5%) | 21,311 (45.7%) | 26,677 (46.2%) |
| **SOFA categorical** |  |  |  |
| 0 - 3 | 3,775 (34.1%) | 16,978 (36.4%) | 20,753 (36.0%) |
| 4 - 6 | 3,862 (34.9%) | 16,585 (35.6%) | 20,447 (35.4%) |
| 7 - 10 | 2,462 (22.2%) | 9,416 (20.2%) | 11,878 (20.6%) |
| 11 and above | 971 (8.8%) | 3,633 (7.8%) | 4,604 (8.0%) |
| Missing | 2 (0.0%) | 4 (0.0%) | 6 (0.0%) |
| **SOFA continuous** |  |  |  |
| Mean (SD) | 5.34 (3.46) | 5.12 (3.36) | 5.16 (3.38) |
| Median [Min, Max] | 5.00 [0, 22.0] | 4.00 [0, 23.0] | 5.00 [0, 23.0] |
| Missing | 2 (0.0%) | 4 (0.0%) | 6 (0.0%) |
| **OASIS categorical** |  |  |  |
| 0 - 37 | 2,548 (23.0%) | 11,534 (24.7%) | 14,082 (24.4%) |
| 38 - 45 | 1,873 (16.9%) | 9,209 (19.8%) | 11,082 (19.2%) |
| 46 - 51 | 2,410 (21.8%) | 9,984 (21.4%) | 12,394 (21.5%) |
| 52 and above | 1,342 (12.1%) | 5,098 (10.9%) | 6,440 (11.2%) |
| Missing | 2899 (26.2%) | 10791 (23.1%) | 13690 (23.7%) |
| **OASIS continuous** |  |  |  |
| Mean (SD) | 41.8 (10.3) | 41.4 (9.95) | 41.5 (10.0) |
| Median [Min, Max] | 44.0 [10.0, 65.0] | 42.0 [7.00, 69.0] | 42.0 [7.00, 69.0] |
| Missing (eICU only) | 2899 (26.2%) | 10791 (23.1%) | 13690 (23.7%) |
| **Length of stay (days)** |  |  |  |
| Mean (SD) | 11.2 (15.3) | 10.0 (11.3) | 10.3 (12.2) |
| Median [Min, Max] | 7.54 [0, 754] | 7.04 [0, 731] | 7.12 [0, 754] |
| **Length of stay, if survived (days)** |  |  |  |
| Mean (SD) | 11.1 (13.4) | 9.95 (11.0) | 10.2 (11.5) |
| Median [Min, Max] | 7.52 [0.101, 369] | 7.05 [0, 731] | 7.13 [0, 731] |
| Missing | 2695 (24.3%) | 11507 (24.7%) | 14202 (24.6%) |
| **Length of stay, if died (days)** |  |  |  |
| Mean (SD) | 11.5 (20.0) | 10.3 (12.3) | 10.6 (14.1) |
| Median [Min, Max] | 7.58 [0, 754] | 6.98 [0, 249] | 7.06 [0, 754] |
| Missing | 8377 (75.7%) | 35109 (75.3%) | 43486 (75.4%) |
| **Charlson index categorical** |  |  |  |
| 0 - 3 | 4,097 (37.0%) | 15,026 (32.2%) | 19,123 (33.1%) |
| 4 - 6 | 3,906 (35.3%) | 18,804 (40.3%) | 22,710 (39.4%) |
| 7 - 10 | 2,578 (23.3%) | 10,798 (23.2%) | 13,376 (23.2%) |
| 11 and above | 491 (4.4%) | 1,988 (4.3%) | 2,479 (4.3%) |
| **Charlson index continuous** |  |  |  |
| Mean (SD) | 4.75 (3.13) | 4.96 (2.96) | 4.92 (2.99) |
| Median [Min, Max] | 5.00 [0, 19.0] | 5.00 [0, 19.0] | 5.00 [0, 19.0] |
| **Hypertension** |  |  |  |
| Hypertension absent | 3,965 (35.8%) | 18,429 (39.5%) | 22,394 (38.8%) |
| Hypertension present | 7,107 (64.2%) | 28,187 (60.5%) | 35,294 (61.2%) |
| **Congestive heart failure** |  |  |  |
| CHF absent | 7,800 (70.4%) | 33,038 (70.9%) | 40,838 (70.8%) |
| CHF present | 3,272 (29.6%) | 13,578 (29.1%) | 16,850 (29.2%) |
| **COPD** |  |  |  |
| COPD absent | 8,772 (79.2%) | 34,105 (73.2%) | 42,877 (74.3%) |
| COPD present | 2,300 (20.8%) | 12,511 (26.8%) | 14,811 (25.7%) |
| **Asthma** |  |  |  |
| Asthma absent | 10,282 (92.9%) | 43,850 (94.1%) | 54,132 (93.8%) |
| Asthma present | 790 (7.1%) | 2,766 (5.9%) | 3,556 (6.2%) |
| **Chronic kidney disease** |  |  |  |
| CKD absent | 8,843 (79.9%) | 39,356 (84.4%) | 48,199 (83.6%) |
| CKD Stage 1 | 31 (0.3%) | 162 (0.3%) | 193 (0.3%) |
| CKD Stage 2 | 572 (5.2%) | 2,551 (5.5%) | 3,123 (5.4%) |
| CKD Stage 3 | 287 (2.6%) | 1,441 (3.1%) | 1,728 (3.0%) |
| CKD Stage 4 | 318 (2.9%) | 1,149 (2.5%) | 1,467 (2.5%) |
| CKD Stage 5 | 1,021 (9.2%) | 1,957 (4.2%) | 2,978 (5.2%) |