|  | Non-White (N=7195) | White (N=31826) | Overall (N=39021) |
| --- | --- | --- | --- |
| **In-hospital mortality** |  |  |  |
| Survived | 5,085 (70.7%) | 22,482 (70.6%) | 27,567 (70.6%) |
| Died | 2,110 (29.3%) | 9,344 (29.4%) | 11,454 (29.4%) |
| **Cohort** |  |  |  |
| eICU | 3,888 (54.0%) | 16,690 (52.4%) | 20,578 (52.7%) |
| MIMIC | 3,307 (46.0%) | 15,136 (47.6%) | 18,443 (47.3%) |
| **Admission type** |  |  |  |
| Emergency admission | 5,706 (79.3%) | 24,144 (75.9%) | 29,850 (76.5%) |
| Elective admission | 1,489 (20.7%) | 7,682 (24.1%) | 9,171 (23.5%) |
| **Vasopressor** |  |  |  |
| 0 | 4,187 (58.2%) | 16,893 (53.1%) | 21,080 (54.0%) |
| 1 | 3,008 (41.8%) | 14,933 (46.9%) | 17,941 (46.0%) |
| **Mechanical ventilation** |  |  |  |
| 0 | 4,183 (58.1%) | 18,208 (57.2%) | 22,391 (57.4%) |
| 1 | 3,012 (41.9%) | 13,618 (42.8%) | 16,630 (42.6%) |
| **Renal replacement therapy** |  |  |  |
| 0 | 6,460 (89.8%) | 29,800 (93.6%) | 36,260 (92.9%) |
| 1 | 735 (10.2%) | 2,026 (6.4%) | 2,761 (7.1%) |
| **Red blood cell transfusion** |  |  |  |
| 0 | 6,356 (88.3%) | 28,292 (88.9%) | 34,648 (88.8%) |
| 1 | 839 (11.7%) | 3,534 (11.1%) | 4,373 (11.2%) |
| **Age by group (years)** |  |  |  |
| 18 - 44 | 1,260 (17.5%) | 3,012 (9.5%) | 4,272 (10.9%) |
| 45 - 64 | 2,598 (36.1%) | 10,123 (31.8%) | 12,721 (32.6%) |
| 65 - 74 | 1,369 (19.0%) | 7,438 (23.4%) | 8,807 (22.6%) |
| 75 - 84 | 1,224 (17.0%) | 6,882 (21.6%) | 8,106 (20.8%) |
| 85 and higher | 744 (10.3%) | 4,371 (13.7%) | 5,115 (13.1%) |
| **Age overall (years)** |  |  |  |
| Mean (SD) | 61.8 (17.7) | 66.7 (16.1) | 65.8 (16.5) |
| Median (Q2, Q3) | 63.0 (63.0, 76.0) | 68.0 (68.0, 79.0) | 67.0 (67.0, 79.0) |
| **Sex** |  |  |  |
| Female | 3,710 (51.6%) | 17,416 (54.7%) | 21,126 (54.1%) |
| Male | 3,485 (48.4%) | 14,410 (45.3%) | 17,895 (45.9%) |
| **SOFA categorical** |  |  |  |
| 0 - 3 | 2,491 (34.6%) | 11,419 (35.9%) | 13,910 (35.6%) |
| 4 - 6 | 2,479 (34.5%) | 11,384 (35.8%) | 13,863 (35.5%) |
| 7 - 10 | 1,611 (22.4%) | 6,633 (20.8%) | 8,244 (21.1%) |
| 11 and above | 614 (8.5%) | 2,390 (7.5%) | 3,004 (7.7%) |
| **SOFA continuous** |  |  |  |
| Mean (SD) | 5.32 (3.41) | 5.14 (3.30) | 5.18 (3.32) |
| Median (Q2, Q3) | 5.00 (5.00, 7.00) | 5.00 (5.00, 7.00) | 5.00 (5.00, 7.00) |
| **OASIS categorical** |  |  |  |
| 0 - 37 | 2,582 (35.9%) | 11,760 (37.0%) | 14,342 (36.8%) |
| 38 - 45 | 1,298 (18.0%) | 6,768 (21.3%) | 8,066 (20.7%) |
| 46 - 51 | 1,436 (20.0%) | 5,928 (18.6%) | 7,364 (18.9%) |
| 52 and above | 647 (9.0%) | 2,400 (7.5%) | 3,047 (7.8%) |
| Missing | 1232 (17.1%) | 4970 (15.6%) | 6202 (15.9%) |
| **OASIS continuous** |  |  |  |
| Mean (SD) | 38.9 (10.4) | 38.7 (9.97) | 38.7 (10.1) |
| Median (Q2, Q3) | 40.0 (40.0, 46.0) | 40.0 (40.0, 46.0) | 40.0 (40.0, 46.0) |
| Missing | 1232 (17.1%) | 4970 (15.6%) | 6202 (15.9%) |
| **Length of stay (days)** |  |  |  |
| Mean (SD) | 10.9 (12.6) | 9.98 (11.0) | 10.1 (11.3) |
| Median (Q2, Q3) | 7.52 (7.52, 13.1) | 7.01 (7.01, 12.0) | 7.07 (7.07, 12.4) |
| **Length of stay, if survived (days)** |  |  |  |
| Mean (SD) | 10.7 (12.1) | 9.74 (10.5) | 9.92 (10.8) |
| Median (Q2, Q3) | 7.41 (7.41, 12.8) | 6.95 (6.95, 11.6) | 7.01 (7.01, 11.7) |
| Missing | 2110 (29.3%) | 9344 (29.4%) | 11454 (29.4%) |
| **Length of stay, if died (days)** |  |  |  |
| Mean (SD) | 11.2 (13.7) | 10.6 (12.1) | 10.7 (12.4) |
| Median (Q2, Q3) | 7.63 (7.63, 13.8) | 7.40 (7.40, 13.6) | 7.49 (7.49, 13.6) |
| Missing | 5085 (70.7%) | 22482 (70.6%) | 27567 (70.6%) |
| **Charlson index categorical** |  |  |  |
| 0 - 3 | 2,606 (36.2%) | 9,699 (30.5%) | 12,305 (31.5%) |
| 4 - 6 | 2,500 (34.7%) | 12,945 (40.7%) | 15,445 (39.6%) |
| 7 - 10 | 1,750 (24.3%) | 7,751 (24.4%) | 9,501 (24.3%) |
| 11 and above | 339 (4.7%) | 1,431 (4.5%) | 1,770 (4.5%) |
| **Charlson index continuous** |  |  |  |
| Mean (SD) | 4.84 (3.19) | 5.07 (2.97) | 5.03 (3.02) |
| Median (Q2, Q3) | 5.00 (5.00, 7.00) | 5.00 (5.00, 7.00) | 5.00 (5.00, 7.00) |
| **Hypertension** |  |  |  |
| Hypertension absent | 2,589 (36.0%) | 12,242 (38.5%) | 14,831 (38.0%) |
| Hypertension present | 4,606 (64.0%) | 19,584 (61.5%) | 24,190 (62.0%) |
| **Congestive heart failure** |  |  |  |
| CHF absent | 5,151 (71.6%) | 22,496 (70.7%) | 27,647 (70.9%) |
| CHF present | 2,044 (28.4%) | 9,330 (29.3%) | 11,374 (29.1%) |
| **COPD** |  |  |  |
| COPD absent | 5,695 (79.2%) | 23,853 (74.9%) | 29,548 (75.7%) |
| COPD present | 1,500 (20.8%) | 7,973 (25.1%) | 9,473 (24.3%) |
| **Asthma** |  |  |  |
| Asthma absent | 6,818 (94.8%) | 30,335 (95.3%) | 37,153 (95.2%) |
| Asthma present | 377 (5.2%) | 1,491 (4.7%) | 1,868 (4.8%) |
| **Chronic kidney disease** |  |  |  |
| 0 | 6,155 (85.5%) | 27,881 (87.6%) | 34,036 (87.2%) |
| 1 | 1,040 (14.5%) | 3,945 (12.4%) | 4,985 (12.8%) |