|  | MIMIC IV | | | eICU | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | Non-White (N=6,495) | White (N=21,538) | Overall (N=28,033) | Non-White (N=7,215) | White (N=30,707) | Overall (N=38,273) |
| **In-hospital mortality** | 1,112 (17.1%) | 3,635 (16.9%) | 4,747 (16.9%) | 1,125 (15.6%) | 4,946 (16.1%) | 6,128 (16.0%) |
| **Vasopressor** | 2,782 (42.8%) | 10,611 (49.3%) | 13,393 (47.8%) | 2,984 (41.4%) | 13,188 (42.9%) | 16,335 (42.7%) |
| **Invasive ventilation** | 2,863 (44.1%) | 9,829 (45.6%) | 12,692 (45.3%) | 2,923 (40.5%) | 12,394 (40.4%) | 15,461 (40.4%) |
| **Renal replacement therapy** |  |  |  |  |  |  |
| Yes | 991 (15.3%) | 1,815 (8.4%) | 2,806 (10.0%) | 877 (12.2%) | 2,322 (7.6%) | 3,213 (8.4%) |
| **Age by group (years)** |  |  |  |  |  |  |
| 18 - 44 | 955 (14.7%) | 1,642 (7.6%) | 2,597 (9.3%) | 1,270 (17.6%) | 2,965 (9.7%) | 4,268 (11.2%) |
| 45 - 64 | 2,301 (35.4%) | 6,770 (31.4%) | 9,071 (32.4%) | 2,607 (36.1%) | 9,743 (31.7%) | 12,472 (32.6%) |
| 65 - 74 | 1,419 (21.8%) | 5,319 (24.7%) | 6,738 (24.0%) | 1,384 (19.2%) | 7,433 (24.2%) | 8,888 (23.2%) |
| 75 - 84 | 1,162 (17.9%) | 4,750 (22.1%) | 5,912 (21.1%) | 1,186 (16.4%) | 6,568 (21.4%) | 7,821 (20.4%) |
| 85 and higher | 658 (10.1%) | 3,057 (14.2%) | 3,715 (13.3%) | 768 (10.6%) | 3,998 (13.0%) | 4,824 (12.6%) |
| **Age overall (years)** |  |  |  |  |  |  |
| Mean (SD) | 63.2 (16.8) | 67.7 (15.3) | 66.7 (15.8) | 61.8 (17.6) | 66.4 (16.1) | 65.5 (16.5) |
| Median  [Min, Max] | 64.0 [18.0, 100] | 69.0 [18.0, 102] | 68.0 [18.0, 102] | 63.0 [18.0, 91.0] | 68.0 [18.0, 91.0] | 67.0 [18.0, 91.0] |
| **Sex** |  |  |  |  |  |  |
| Female | 3,093 (47.6%) | 8,986 (41.7%) | 12,079 (43.1%) | 3,537 (49.0%) | 14,638 (47.7%) | 18,336 (47.9%) |
| **SOFA** |  |  |  |  |  |  |
| 0 - 5 | 3,009 (46.3%) | 10,777 (50.0%) | 13,786 (49.2%) | 4,606 (63.8%) | 20,992 (68.4%) | 25,857 (67.6%) |
| 6 - 10 | 2,485 (38.3%) | 7,933 (36.8%) | 10,418 (37.2%) | 2,197 (30.5%) | 8,121 (26.4%) | 10,400 (27.2%) |
| 11 - 15 | 838 (12.9%) | 2,415 (11.2%) | 3,253 (11.6%) | 385 (5.3%) | 1,453 (4.7%) | 1,848 (4.8%) |
| 16 and above | 163 (2.5%) | 413 (1.9%) | 576 (2.1%) | 25 (0.3%) | 137 (0.4%) | 162 (0.4%) |
| **SOFA overall** |  |  |  |  |  |  |
| Mean (SD) | 6.60 (3.71) | 6.28 (3.54) | 6.35 (3.58) | 4.83 (3.15) | 4.55 (3.11) | 4.60 (3.12) |
| Median [Min, Max] | 6.00 [0, 22.0] | 5.00 [0, 23.0] | 6.00 [0, 23.0] | 4.00 [0, 19.0] | 4.00 [0, 21.0] | 4.00 [0, 21.0] |
| **Length of stay (days)** |  |  |  |  |  |  |
| Mean (SD) | 12.5 (13.6) | 11.8 (12.2) | 12.0 (12.5) | 10.3 (16.0) | 8.90 (10.9) | 9.16 (12.0) |
| Median [Min, Max] | 8.46 [0, 250] | 8.10 [0, 248] | 8.16 [0, 250] | 6.84 [0, 754] | 6.33 [0, 731] | 6.43 [0, 754] |
| **Charlson index** |  |  |  |  |  |  |
| 0 - 5 | 2,711 (41.7%) | 9,567 (44.4%) | 12,278 (43.8%) | 4,927 (68.3%) | 20,507 (66.8%) | 25,677 (67.1%) |
| 6 - 10 | 3,263 (50.2%) | 10,544 (49.0%) | 13,807 (49.3%) | 2,055 (28.5%) | 9,149 (29.8%) | 11,300 (29.5%) |
| 11 - 15 | 507 (7.8%) | 1,379 (6.4%) | 1,886 (6.7%) | 223 (3.1%) | 1,007 (3.3%) | 1,242 (3.2%) |
| 16 and above | 14 (0.2%) | 48 (0.2%) | 62 (0.2%) | 10 (0.1%) | 44 (0.1%) | 54 (0.1%) |
| **Charlson index overall** |  |  |  |  |  |  |
| Mean (SD) | 6.20 (3.11) | 6.08 (2.87) | 6.11 (2.93) | 4.25 (2.99) | 4.50 (2.91) | 4.45 (2.92) |
| Median  [Min, Max] | 6.00 [0, 19.0] | 6.00 [0, 20.0] | 6.00 [0, 20.0] | 4.00 [0, 18.0] | 4.00 [0, 19.0] | 4.00 [0, 19.0] |
| **Invasive ventilation (hours)** |  |  |  |  |  |  |
| Mean (SD) | 72.2 (113) | 59.5 (91.8) | 62.3 (97.0) |  |  |  |
| Median  [Min, Max] | 32.0 [0, 1780] | 25.0 [0, 1270] | 26.0 [0, 1780] |  |  |  |