|  | eICU (N=40074) | MIMIC (N=23651) | Overall (N=63725) |
| --- | --- | --- | --- |
| **In-hospital Mortality** |  |  |  |
| Died | 6,462 (16.1%) | 9,751 (41.2%) | 16,213 (25.4%) |
| Survived | 33,612 (83.9%) | 13,900 (58.8%) | 47,512 (74.6%) |
| **Mechanic Ventilation** |  |  |  |
| Did not receive | 23,868 (59.6%) | 11,610 (49.1%) | 35,478 (55.7%) |
| Received | 16,206 (40.4%) | 12,041 (50.9%) | 28,247 (44.3%) |
| **Renal Replacement Therapy** |  |  |  |
| Did not receive | 36,680 (91.5%) | 21,660 (91.6%) | 58,340 (91.5%) |
| Received | 3,394 (8.5%) | 1,991 (8.4%) | 5,385 (8.5%) |
| **Vasopressor(s)** |  |  |  |
| Did not receive | 22,949 (57.3%) | 11,592 (49.0%) | 34,541 (54.2%) |
| Received | 17,125 (42.7%) | 12,059 (51.0%) | 29,184 (45.8%) |
| **Age by group (years)** |  |  |  |
| 18 - 44 | 4,581 (11.4%) | 2,666 (11.3%) | 7,247 (11.4%) |
| 45 - 64 | 13,076 (32.6%) | 7,977 (33.7%) | 21,053 (33.0%) |
| 65 - 74 | 9,270 (23.1%) | 5,469 (23.1%) | 14,739 (23.1%) |
| 75 - 84 | 8,153 (20.3%) | 4,860 (20.5%) | 13,013 (20.4%) |
| 85 and higher | 4,994 (12.5%) | 2,679 (11.3%) | 7,673 (12.0%) |
| **Age overall (years)** |  |  |  |
| Mean (SD) | 65.4 (16.6) | 65.1 (16.3) | 65.3 (16.5) |
| Median [Min, Max] | 67.0 [18.0, 91.0] | 67.0 [18.0, 91.0] | 67.0 [18.0, 91.0] |
| **Sex** |  |  |  |
| Female | 19,155 (47.8%) | 9,985 (42.2%) | 29,140 (45.7%) |
| Male | 20,919 (52.2%) | 13,666 (57.8%) | 34,585 (54.3%) |
| **Race** |  |  |  |
| Non-White or Unknown | 9,367 (23.4%) | 7,742 (32.7%) | 17,109 (26.8%) |
| White | 30,707 (76.6%) | 15,909 (67.3%) | 46,616 (73.2%) |
| **SOFA** |  |  |  |
| 0 - 3 | 16,835 (42.0%) | 5,385 (22.8%) | 22,220 (34.9%) |
| 4 - 6 | 13,778 (34.4%) | 8,657 (36.6%) | 22,435 (35.2%) |
| 7 - 10 | 7,341 (18.3%) | 6,095 (25.8%) | 13,436 (21.1%) |
| 11 and above | 2,120 (5.3%) | 3,514 (14.9%) | 5,634 (8.8%) |
| **SOFA overall** |  |  |  |
| Mean (SD) | 4.61 (3.12) | 6.45 (3.72) | 5.29 (3.47) |
| Median [Min, Max] | 4.00 [0, 21.0] | 6.00 [0, 23.0] | 5.00 [0, 23.0] |
| **Charlson index** |  |  |  |
| 0 - 3 | 15,972 (39.9%) | 5,171 (21.9%) | 21,143 (33.2%) |
| 4 - 6 | 15,356 (38.3%) | 9,708 (41.0%) | 25,064 (39.3%) |
| 7 - 10 | 7,421 (18.5%) | 7,394 (31.3%) | 14,815 (23.2%) |
| 11 and above | 1,325 (3.3%) | 1,378 (5.8%) | 2,703 (4.2%) |
| **Charlson index overall** |  |  |  |
| Mean (SD) | 4.43 (2.92) | 5.73 (2.94) | 4.91 (2.99) |
| Median [Min, Max] | 4.00 [0, 19.0] | 6.00 [0, 19.0] | 5.00 [0, 19.0] |
| **Length of stay (days)** |  |  |  |
| Mean (SD) | 9.17 (11.9) | 11.9 (12.3) | 10.2 (12.2) |
| Median [Min, Max] | 6.44 [-0.942, 754] | 8.00 [0, 249] | 7.00 [-0.942, 754] |
| **Active Cancer** |  |  |  |
| No | 37,502 (93.6%) | 18,810 (79.5%) | 56,312 (88.4%) |
| Yes | 2,572 (6.4%) | 4,841 (20.5%) | 7,413 (11.6%) |
| **Breast** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |
| **Prostate** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |
| **Lung (including bronchus)** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |
| **Colon and Rectal (combined)** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |
| **Melanoma** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |
| **Bladder** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |
| **Kidney** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |
| **NHL** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |
| **Endometrial** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |
| **Leukemia** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |
| **Pancreatic** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |
| **Thyroid** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |
| **Liver and intrahepatic BD** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |
| **Other** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |
| **Metastasized** |  |  |  |
| Yes | 40,074 (100%) | 23,651 (100%) | 63,725 (100%) |