|  | eICU (N=42275) | MIMIC (N=23619) | Overall (N=65894) |
| --- | --- | --- | --- |
| **In-hospital Mortality** |  |  |  |
| Died | 5,861 (13.9%) | 4,238 (17.9%) | 10,099 (15.3%) |
| Survived | 36,414 (86.1%) | 19,381 (82.1%) | 55,795 (84.7%) |
| **Length of stay if died (days)** |  |  |  |
| Mean (SD) | 8.94 (14.9) | 6.98 (7.36) | 8.12 (12.4) |
| Median [Min, Max] | 5.54 [1.00, 754] | 4.54 [1.00, 77.8] | 5.06 [1.00, 754] |
| **Length of stay if survived (days)** |  |  |  |
| Mean (SD) | 9.89 (11.9) | 5.23 (6.43) | 8.27 (10.6) |
| Median [Min, Max] | 6.95 [1.00, 731] | 2.96 [1.00, 102] | 5.59 [1.00, 731] |
| **Mechanic Ventilation** |  |  |  |
| Received | 15,954 (37.7%) | 12,649 (53.6%) | 28,603 (43.4%) |
| Not received | 26,321 (62.3%) | 10,970 (46.4%) | 37,291 (56.6%) |
| **Renal Replacement Therapy** |  |  |  |
| Received | 3,669 (8.7%) | 2,173 (9.2%) | 5,842 (8.9%) |
| Did not receive | 38,606 (91.3%) | 21,446 (90.8%) | 60,052 (91.1%) |
| **Vasopressor(s)** |  |  |  |
| Received | 17,880 (42.3%) | 12,548 (53.1%) | 30,428 (46.2%) |
| Not received | 24,395 (57.7%) | 11,071 (46.9%) | 35,466 (53.8%) |
| **Age by group (years)** |  |  |  |
| 18 - 44 | 4,773 (11.3%) | 2,600 (11.0%) | 7,373 (11.2%) |
| 45 - 64 | 13,898 (32.9%) | 8,067 (34.2%) | 21,965 (33.3%) |
| 65 - 74 | 9,898 (23.4%) | 5,597 (23.7%) | 15,495 (23.5%) |
| 75 - 84 | 8,653 (20.5%) | 4,834 (20.5%) | 13,487 (20.5%) |
| 85 and higher | 3,115 (7.4%) | 2,521 (10.7%) | 5,636 (8.6%) |
| **Age overall (years)** |  |  |  |
| Mean (SD) | 64.1 (15.8) | 65.0 (16.1) | 64.4 (15.9) |
| Median [Min, Max] | 66.0 [18.0, 89.0] | 67.0 [18.0, 91.0] | 66.0 [18.0, 91.0] |
| **Sex** |  |  |  |
| Female | 20,247 (47.9%) | 9,924 (42.0%) | 30,171 (45.8%) |
| Male | 22,028 (52.1%) | 13,695 (58.0%) | 35,723 (54.2%) |
| **Race** |  |  |  |
| Asian | 705 (1.7%) | 665 (2.8%) | 1,370 (2.1%) |
| Black | 4,546 (10.8%) | 2,044 (8.7%) | 6,590 (10.0%) |
| Hispanic | 1,977 (4.7%) | 814 (3.4%) | 2,791 (4.2%) |
| Other | 2,488 (5.9%) | 4,065 (17.2%) | 6,553 (9.9%) |
| White | 32,559 (77.0%) | 16,031 (67.9%) | 48,590 (73.7%) |
| **SOFA Ranges** |  |  |  |
| 0 - 3 | 17,810 (42.1%) | 6,374 (27.0%) | 24,184 (36.7%) |
| 4 - 6 | 14,677 (34.7%) | 8,707 (36.9%) | 23,384 (35.5%) |
| 7 - 10 | 7,699 (18.2%) | 6,007 (25.4%) | 13,706 (20.8%) |
| 11 and above | 2,083 (4.9%) | 2,531 (10.7%) | 4,614 (7.0%) |
| **SOFA continuous** |  |  |  |
| Mean (SD) | 4.58 (3.08) | 5.91 (3.43) | 5.06 (3.27) |
| Median [Min, Max] | 4.00 [0, 21.0] | 5.00 [0, 23.0] | 4.00 [0, 23.0] |
| **CCI Ranges** |  |  |  |
| 0 - 3 | 16,968 (40.1%) | 4,920 (20.8%) | 21,888 (33.2%) |
| 4 - 6 | 16,205 (38.3%) | 9,539 (40.4%) | 25,744 (39.1%) |
| 7 - 10 | 7,733 (18.3%) | 7,691 (32.6%) | 15,424 (23.4%) |
| 11 and above | 1,369 (3.2%) | 1,469 (6.2%) | 2,838 (4.3%) |
| **Charlson Comorbidity Index continuous (CCI)** |  |  |  |
| Mean (SD) | 4.41 (2.91) | 5.85 (2.94) | 4.93 (3.00) |
| Median [Min, Max] | 4.00 [0, 19.0] | 6.00 [0, 20.0] | 5.00 [0, 20.0] |
| **Full Code upon Admission** |  |  |  |
| Not Full Code | 3,912 (9.3%) | 1,234 (5.2%) | 5,146 (7.8%) |
| Full Code | 38,363 (90.7%) | 22,385 (94.8%) | 60,748 (92.2%) |
| **Full Code upon Discharge** |  |  |  |
| Not Full Code | 10,188 (24.1%) | 1,836 (7.8%) | 12,024 (18.2%) |
| Full Code | 32,087 (75.9%) | 21,783 (92.2%) | 53,870 (81.8%) |
| **Hypertension** |  |  |  |
| Hypertension absent | 18,471 (43.7%) | 8,129 (34.4%) | 26,600 (40.4%) |
| Hypertension present | 23,804 (56.3%) | 15,490 (65.6%) | 39,294 (59.6%) |
| **Heart Failure** |  |  |  |
| CHF absent | 32,002 (75.7%) | 15,833 (67.0%) | 47,835 (72.6%) |
| CHF present | 10,273 (24.3%) | 7,786 (33.0%) | 18,059 (27.4%) |
| **Asthma** |  |  |  |
| Asthma absent | 38,674 (91.5%) | 23,319 (98.7%) | 61,993 (94.1%) |
| Asthma present | 3,601 (8.5%) | 300 (1.3%) | 3,901 (5.9%) |
| **COPD** |  |  |  |
| COPD absent | 31,878 (75.4%) | 18,092 (76.6%) | 49,970 (75.8%) |
| COPD present | 10,397 (24.6%) | 5,527 (23.4%) | 15,924 (24.2%) |
| **CKD** |  |  |  |
| CKD Absent | 37,337 (88.3%) | 138 (0.6%) | 37,475 (56.9%) |
| CKD Present | 4,938 (11.7%) | 2,621 (11.1%) | 7,559 (11.5%) |
| **Active Cancer** |  |  |  |
| Cancer | 2,670 (6.3%) | 3,857 (16.3%) | 6,527 (9.9%) |
| Non-Cancer | 39,605 (93.7%) | 19,762 (83.7%) | 59,367 (90.1%) |
| **Solid Cancer** |  |  |  |
| Not Present | 40,682 (96.2%) | 22,170 (93.9%) | 62,852 (95.4%) |
| Present | 1,593 (3.8%) | 1,449 (6.1%) | 3,042 (4.6%) |
| **Hematological Cancer** |  |  |  |
| Not Present | 41,658 (98.5%) | 22,719 (96.2%) | 64,377 (97.7%) |
| Present | 617 (1.5%) | 900 (3.8%) | 1,517 (2.3%) |
| **Metastasized Cancer** |  |  |  |
| Not Present | 41,815 (98.9%) | 22,111 (93.6%) | 63,926 (97.0%) |
| Present | 460 (1.1%) | 1,508 (6.4%) | 1,968 (3.0%) |
| **Colon and Rectal (combined)** |  |  |  |
| Not Present | 42,016 (99.4%) | 23,411 (99.1%) | 65,427 (99.3%) |
| Present | 259 (0.6%) | 208 (0.9%) | 467 (0.7%) |
| **Liver and intrahepatic BD** |  |  |  |
| Not Present | 42,236 (99.9%) | 23,291 (98.6%) | 65,527 (99.4%) |
| Present | 39 (0.1%) | 328 (1.4%) | 367 (0.6%) |
| **Pancreatic** |  |  |  |
| Not Present | 42,198 (99.8%) | 23,384 (99.0%) | 65,582 (99.5%) |
| Present | 77 (0.2%) | 235 (1.0%) | 312 (0.5%) |
| **Lung (including bronchus)** |  |  |  |
| Not Present | 41,672 (98.6%) | 23,022 (97.5%) | 64,694 (98.2%) |
| Present | 603 (1.4%) | 597 (2.5%) | 1,200 (1.8%) |
| **Melanoma** |  |  |  |
| Not Present | 42,244 (99.9%) | 23,590 (99.9%) | 65,834 (99.9%) |
| Present | 31 (0.1%) | 29 (0.1%) | 60 (0.1%) |
| **Breast** |  |  |  |
| Not Present | 42,163 (99.7%) | 23,539 (99.7%) | 65,702 (99.7%) |
| Present | 112 (0.3%) | 80 (0.3%) | 192 (0.3%) |
| **Endometrial** |  |  |  |
| Not Present | 42,205 (99.8%) | 23,570 (99.8%) | 65,775 (99.8%) |
| Present | 70 (0.2%) | 49 (0.2%) | 119 (0.2%) |
| **Prostate** |  |  |  |
| Not Present | 42,108 (99.6%) | 23,418 (99.1%) | 65,526 (99.4%) |
| Present | 167 (0.4%) | 201 (0.9%) | 368 (0.6%) |
| **Kidney** |  |  |  |
| Not Present | 42,207 (99.8%) | 23,515 (99.6%) | 65,722 (99.7%) |
| Present | 68 (0.2%) | 104 (0.4%) | 172 (0.3%) |
| **Bladder** |  |  |  |
| Not Present | 42,190 (99.8%) | 23,513 (99.6%) | 65,703 (99.7%) |
| Present | 85 (0.2%) | 106 (0.4%) | 191 (0.3%) |
| **Thyroid** |  |  |  |
| Not Present | 42,263 (100.0%) | 23,602 (99.9%) | 65,865 (100.0%) |
| Present | 12 (0.0%) | 17 (0.1%) | 29 (0.0%) |
| **NHL** |  |  |  |
| Not Present | 42,090 (99.6%) | 23,288 (98.6%) | 65,378 (99.2%) |
| Present | 185 (0.4%) | 331 (1.4%) | 516 (0.8%) |
| **Leukemia** |  |  |  |
| Not Present | 41,992 (99.3%) | 23,240 (98.4%) | 65,232 (99.0%) |
| Present | 283 (0.7%) | 379 (1.6%) | 662 (1.0%) |