|  | eICU | | MIMIC | |
| --- | --- | --- | --- | --- |
|  | Day 1 (N=105907) | Day 7 (N=11691) | Day 1 (N=38295) | Day 7 (N=5125) |
| **Sex** |  |  |  |  |
| Female | 49,393 (46.6%) | 5,033 (43.1%) | 16,741 (43.7%) | 2,194 (42.8%) |
| **Age** |  |  |  |  |
| Mean (SD) | 63.5 (17.0) | 62.4 (15.8) | 65.0 (16.8) | 63.3 (16.5) |
| **Ethnicity** |  |  |  |  |
| HISPANIC | 4,020 (3.8%) | 453 (3.9%) | 1,313 (3.4%) | 186 (3.6%) |
| BLACK | 12,451 (11.8%) | 1,547 (13.2%) | 3,342 (8.7%) | 432 (8.4%) |
| WHITE | 80,849 (76.3%) | 8,705 (74.5%) | 25,832 (67.5%) | 3,153 (61.5%) |
| ASIAN | 1,780 (1.7%) | 208 (1.8%) | 1,091 (2.8%) | 132 (2.6%) |
| OTHER | 6,807 (6.4%) | 778 (6.7%) | 6,717 (17.5%) | 1,222 (23.8%) |
| **Admission type** |  |  |  |  |
| Elective admission | 48,502 (45.8%) | 6,161 (52.7%) | 6,162 (16.1%) | 433 (8.4%) |
| **Sepsis admission** |  |  |  |  |
| Sepsis present | 32,310 (30.5%) | 6,135 (52.5%) | 19,528 (51.0%) | 4,510 (88.0%) |
| **Admission unit** |  |  |  |  |
| Medical admission | 80,450 (76.0%) | 8,940 (76.5%) | 22,981 (60.0%) | 2,972 (58.0%) |
| **Charlson comorbidity index** |  |  |  |  |
| Median [Min, Max] | 4.00 [0, 20.0] | 3.00 [0, 18.0] | 5.00 [0, 19.0] | 6.00 [0, 18.0] |
| Cirrhosis present | 3,639 (3.4%) | 490 (4.2%) | 2,279 (6.0%) | 451 (8.8%) |
| Hypertension present | 57,681 (54.5%) | 6,465 (55.3%) | 24,589 (64.2%) | 3,258 (63.6%) |
| Congestive heart failure present | 21,620 (20.4%) | 2,762 (23.6%) | 10,684 (27.9%) | 1,657 (32.3%) |
| Asthma present | 2,058 (1.9%) | 229 (2.0%) | 399 (1.0%) | 85 (1.7%) |
| COPD present | 20,259 (19.1%) | 2,544 (21.8%) | 8,138 (21.3%) | 1,211 (23.6%) |
| Present | 9,357 (8.8%) | 1,187 (10.2%) | 3,402 (8.9%) | 505 (9.9%) |
| **SOFA** |  |  |  |  |
| CNS abnormal | 17,397 (16.4%) | 3,179 (27.2%) | 2,994 (7.8%) | 509 (9.9%) |
| Respiration abnormal | 999 (0.9%) | 104 (0.9%) | 4,849 (12.7%) | 611 (11.9%) |
| Coagulation abnormal | 2,490 (2.4%) | 528 (4.5%) | 1,233 (3.2%) | 299 (5.8%) |
| Liver abnormal | 1,175 (1.1%) | 336 (2.9%) | 1,028 (2.7%) | 360 (7.0%) |
| Cardiovascular abnormal | 8,032 (7.6%) | 759 (6.5%) | 6,819 (17.8%) | 785 (15.3%) |
| Renal abnormal | 17,591 (16.6%) | 1,712 (14.6%) | 3,379 (8.8%) | 821 (16.0%) |