|  | **eICU** | | **MIMIC** | |
| --- | --- | --- | --- | --- |
|  | **Day 1 (N=105,907)** | **Day 7 (N=11,691)** | **Day 1 (N=35,356)** | **Day 7 (N=5,048)** |
| **Sex** |  |  |  |  |
| Female | 49,393 (46.6%) | 5,033 (43.1%) | 16,102 (45.5%) | 2,171 (43.0%) |
| **Age** |  |  |  |  |
| Mean (SD) | 63.5 (17.0) | 62.4 (15.8) | 64.8 (17.3) | 63.2 (16.6) |
| **Ethnicity** |  |  |  |  |
| HISPANIC | 4,020 (3.8%) | 453 (3.9%) | 1,232 (3.5%) | 182 (3.6%) |
| BLACK | 12,451 (11.8%) | 1,547 (13.2%) | 3,227 (9.1%) | 428 (8.5%) |
| WHITE | 80,849 (76.3%) | 8,705 (74.5%) | 23,733 (67.1%) | 3,095 (61.3%) |
| ASIAN | 1,780 (1.7%) | 208 (1.8%) | 1,028 (2.9%) | 129 (2.6%) |
| OTHER | 6,807 (6.4%) | 778 (6.7%) | 6,136 (17.4%) | 1,214 (24.0%) |
| **Admission type** |  |  |  |  |
| Elective admission | 36,173 (34.2%) | 4,240 (36.3%) | 5,160 (14.6%) | 418 (8.3%) |
| **Sepsis admission** |  |  |  |  |
| Sepsis present | 32,310 (30.5%) | 6,135 (52.5%) | 18,019 (51.0%) | 4,445 (88.1%) |
| **Admission unit** |  |  |  |  |
| Medical admission | 80,450 (76.0%) | 8,940 (76.5%) | 21,879 (61.9%) | 2,933 (58.1%) |
| **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%) | 2,263 (6.4%) | 451 (8.9%) |
| Hypertension present | 57,681 (54.5%) | 6,465 (55.3%) | 22,131 (62.6%) | 3,194 (63.3%) |
| Congestive heart failure present | 21,620 (20.4%) | 2,762 (23.6%) | 10,108 (28.6%) | 1,614 (32.0%) |
| Asthma present | 7,968 (7.5%) | 878 (7.5%) | 386 (1.1%) | 84 (1.7%) |
| COPD present | 20,259 (19.1%) | 2,544 (21.8%) | 7,695 (21.8%) | 1,192 (23.6%) |
| CKD present | 9,357 (8.8%) | 1,187 (10.2%) | 3,201 (9.1%) | 488 (9.7%) |
| **SOFA** |  |  |  |  |
| CNS Abnormal | 17,511 (16.5%) | 3,192 (27.3%) | 2,785 (7.9%) | 508 (10.1%) |
| Respiration Abnormal | 21,080 (19.9%) | 1,433 (12.3%) | 4,137 (11.7%) | 600 (11.9%) |
| Coagulation Abnormal | 2,490 (2.4%) | 528 (4.5%) | 1,229 (3.5%) | 298 (5.9%) |
| Liver Abnormal | 1,175 (1.1%) | 336 (2.9%) | 1,028 (2.9%) | 360 (7.1%) |
| Cardiovascular Abnormal | 8,032 (7.6%) | 759 (6.5%) | 6,299 (17.8%) | 775 (15.4%) |
| RenalAbnormal | 17,591 (16.6%) | 1,712 (14.6%) | 3,304 (9.3%) | 810 (16.0%) |