|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | Number (% within stratum) experiencing outcomes | | | |
|  | N (column %) | Covid-19 hospital admission | Covid-19 ITU admission | Covid-19 death | Composite |
| **Total** | 141510 (100.0) | 27997 (19.8) | 6975 (4.9) | 14088 (10.0) | 20377 (14.4) |
|  |  |  |  |  |  |
| **Age** |  |  |  |  |  |
| 18-<40 | 35665 (25.2) | 7064 (19.8) | 1729 (4.8) | 3570 (10.0) | 5120 (14.4) |
| 40-<50 | 27420 (19.4) | 5343 (19.5) | 1351 (4.9) | 2698 (9.8) | 3920 (14.3) |
| 50-<60 | 29777 (21.0) | 5941 (20.0) | 1471 (4.9) | 2961 (9.9) | 4281 (14.4) |
| 60-<70 | 14464 (10.2) | 2865 (19.8) | 713 (4.9) | 1453 (10.0) | 2098 (14.5) |
| 70-<80 | 11763 (8.3) | 2377 (20.2) | 570 (4.8) | 1189 (10.1) | 1699 (14.4) |
| 80+ | 22421 (15.8) | 4407 (19.7) | 1141 (5.1) | 2217 (9.9) | 3259 (14.5) |
|  |  |  |  |  |  |
| **Sex** |  |  |  |  |  |
| Male | 77697 (54.9) | 15320 (19.7) | 3812 (4.9) | 7692 (9.9) | 11125 (14.3) |
| Female | 63813 (45.1) | 12677 (19.9) | 3163 (5.0) | 6396 (10.0) | 9252 (14.5) |
|  |  |  |  |  |  |
| **BMI (kg/m2)** |  |  |  |  |  |
| <18.5 | 8960 (6.3) | 1862 (20.8) | 441 (4.9) | 861 (9.6) | 1268 (14.2) |
| 18.5-24.9 | 21060 (14.9) | 4158 (19.7) | 1024 (4.9) | 2121 (10.1) | 3055 (14.5) |
| 25-29.9 | 18482 (13.1) | 3594 (19.4) | 900 (4.9) | 1895 (10.3) | 2703 (14.6) |
| 30-34.9 | 18231 (12.9) | 3599 (19.7) | 929 (5.1) | 1795 (9.8) | 2623 (14.4) |
| 35-39.9 | 16528 (11.7) | 3341 (20.2) | 815 (4.9) | 1674 (10.1) | 2417 (14.6) |
| ≥40 | 35639 (25.2) | 7028 (19.7) | 1730 (4.9) | 3535 (9.9) | 5097 (14.3) |
| *Missing* | 22610 (16.0) | 4415 (19.5) | 1136 (5.0) | 2207 (9.8) | 3214 (14.2) |
|  |  |  |  |  |  |
| **Smoking** |  |  |  |  |  |
| Never | 42615 (30.1) | 8425 (19.8) | 2090 (4.9) | 4328 (10.2) | 6207 (14.6) |
| Former | 59392 (42.0) | 11835 (19.9) | 2930 (4.9) | 5896 (9.9) | 8536 (14.4) |
| Current | 23729 (16.8) | 4670 (19.7) | 1140 (4.8) | 2318 (9.8) | 3343 (14.1) |
| *Missing* | 15774 (11.1) | 3067 (19.4) | 815 (5.2) | 1546 (9.8) | 2291 (14.5) |
|  |  |  |  |  |  |
| **Ethnicity** |  |  |  |  |  |
| White | 42180 (29.8) | 8298 (19.7) | 2092 (5.0) | 4137 (9.8) | 6024 (14.3) |
| Black | 19847 (14.0) | 4029 (20.3) | 975 (4.9) | 1997 (10.1) | 2872 (14.5) |
| Asian | 7958 (5.6) | 1555 (19.5) | 397 (5.0) | 769 (9.7) | 1127 (14.2) |
| Mixed | 7142 (5.0) | 1427 (20.0) | 318 (4.5) | 713 (10.0) | 1001 (14.0) |
| Other | 6456 (4.6) | 1285 (19.9) | 321 (5.0) | 628 (9.7) | 919 (14.2) |
| *Missing* | 57927 (40.9) | 11403 (19.7) | 2872 (5.0) | 5844 (10.1) | 8434 (14.6) |
|  |  |  |  |  |  |
| **IMD quintile** |  |  |  |  |  |
| 1 (least deprived) | 26451 (18.7) | 5292 (20.0) | 1308 (4.9) | 2617 (9.9) | 3810 (14.4) |
| 2 | 29406 (20.8) | 5802 (19.7) | 1479 (5.0) | 2944 (10.0) | 4262 (14.5) |
| 3 | 28910 (20.4) | 5740 (19.9) | 1377 (4.8) | 2911 (10.1) | 4131 (14.3) |
| 4 | 28122 (19.9) | 5509 (19.6) | 1420 (5.0) | 2807 (10.0) | 4106 (14.6) |
| 5 (most deprived) | 28621 (20.2) | 5654 (19.8) | 1391 (4.9) | 2809 (9.8) | 4068 (14.2) |
| *Missing* | 0 (0.0) | 0 ( .) | 0 ( .) | 0 ( .) | 0 ( .) |
|  |  |  |  |  |  |
| **Blood pressure** |  |  |  |  |  |
| Normal | 28251 (20.0) | 5624 (19.9) | 1398 (4.9) | 2767 (9.8) | 4032 (14.3) |
| Elevated | 28333 (20.0) | 5669 (20.0) | 1372 (4.8) | 2864 (10.1) | 4098 (14.5) |
| High Stage 1 | 28273 (20.0) | 5553 (19.6) | 1367 (4.8) | 2859 (10.1) | 4097 (14.5) |
| High Stage 2 | 28121 (19.9) | 5585 (19.9) | 1380 (4.9) | 2809 (10.0) | 4046 (14.4) |
| *Missing* | 28532 (20.2) | 5566 (19.5) | 1458 (5.1) | 2789 (9.8) | 4104 (14.4) |
|  |  |  |  |  |  |
| ***Comorbidities*** |  |  |  |  |  |
| **Respiratory disease** |  |  |  |  |  |
| Present | 919 (0.6) | 162 (17.6) | 46 (5.0) | 77 (8.4) | 120 (13.1) |
| Absent | 140591 (99.4) | 27835 (19.8) | 6929 (4.9) | 14011 (10.0) | 20257 (14.4) |
| **Asthma** |  |  |  |  |  |
| Present | 0 (0.0) | 0 ( .) | 0 ( .) | 0 ( .) | 0 ( .) |
| Absent | 141510 (100.0) | 27997 (19.8) | 6975 (4.9) | 14088 (10.0) | 20377 (14.4) |
| **Chronic heart disease** |  |  |  |  |  |
| Present | 22879 (16.2) | 4594 (20.1) | 1152 (5.0) | 2240 (9.8) | 3278 (14.3) |
| Absent | 118631 (83.8) | 23403 (19.7) | 5823 (4.9) | 11848 (10.0) | 17099 (14.4) |
| **Diabetes** |  |  |  |  |  |
| Present | 42029 (29.7) | 8405 (20.0) | 2107 (5.0) | 4146 (9.9) | 6030 (14.3) |
| Absent | 99481 (70.3) | 19592 (19.7) | 4868 (4.9) | 9942 (10.0) | 14347 (14.4) |
| **Cancer (in last year)** |  |  |  |  |  |
| Present | 10931 (7.7) | 2178 (19.9) | 542 (5.0) | 1041 (9.5) | 1523 (13.9) |
| Absent | 130579 (92.3) | 25819 (19.8) | 6433 (4.9) | 13047 (10.0) | 18854 (14.4) |
| **Liver disease** |  |  |  |  |  |
| Present | 10073 (7.1) | 2012 (20.0) | 503 (5.0) | 961 (9.5) | 1408 (14.0) |
| Absent | 131437 (92.9) | 25985 (19.8) | 6472 (4.9) | 13127 (10.0) | 18969 (14.4) |
| **Neurological disease** |  |  |  |  |  |
| Present | 919 (0.6) | 162 (17.6) | 46 (5.0) | 77 (8.4) | 120 (13.1) |
| Absent | 140591 (99.4) | 27835 (19.8) | 6929 (4.9) | 14011 (10.0) | 20257 (14.4) |
| **Kidney disease** |  |  |  |  |  |
| Present | 0 (0.0) | 0 ( .) | 0 ( .) | 0 ( .) | 0 ( .) |
| Absent | 141510 (100.0) | 27997 (19.8) | 6975 (4.9) | 14088 (10.0) | 20377 (14.4) |
| **Organ transplant** |  |  |  |  |  |
| Present | 21 (0.0) | 4 (19.0) | 1 (4.8) | 4 (19.0) | 4 (19.0) |
| Absent | 141489 (100.0) | 27993 (19.8) | 6974 (4.9) | 14084 (10.0) | 20373 (14.4) |
| **Spleen diseases** |  |  |  |  |  |
| Present | 10047 (7.1) | 2040 (20.3) | 501 (5.0) | 991 (9.9) | 1443 (14.4) |
| Absent | 131463 (92.9) | 25957 (19.7) | 6474 (4.9) | 13097 (10.0) | 18934 (14.4) |
| **Autoimmune disease** |  |  |  |  |  |
| Present | 876 (0.6) | 190 (21.7) | 28 (3.2) | 76 (8.7) | 104 (11.9) |
| Absent | 140634 (99.4) | 27807 (19.8) | 6947 (4.9) | 14012 (10.0) | 20273 (14.4) |
| **Endocrine disease** |  |  |  |  |  |
| Present |  |  |  |  |  |
| Absent |  |  |  |  |  |
|  |  |  |  |  |  |
| **Receiving immunosuppression medication** |  |  |  |  |  |
| Yes |  |  |  |  |  |
| No |  |  |  |  |  |
|  |  |  |  |  |  |