|  |  |  |
| --- | --- | --- |
|  | N (column %) | CPNS Hospital death  N (%) |
| **Total** | 17,425,445 (100.0) | 5683 (0.03) |
|  |  |  |
| **Age** |  |  |
| 18-<40 | 5,990,809 (34.4) | 40 (0.00) |
| 40-<50 | 2,875,561 (16.5) | 94 (0.00) |
| 50-<60 | 3,068,883 (17.6) | 355 (0.01) |
| 60-<70 | 2,405,327 (13.8) | 693 (0.03) |
| 70-<80 | 1,948,095 (11.2) | 1,560 (0.08) |
| 80+ | 1,136,770 (6.5) | 2,941 (0.26) |
|  |  |  |
| **Sex** |  |  |
| Female | 8,729,741 (50.1) | 2,098 (0.02) |
| Male | 8,695,704 (49.9) | 3,585 (0.04) |
|  |  |  |
| **BMI (kg/m2)** |  |  |
| <18.5 | 312,894 (1.8) | 161 (0.05) |
| 18.5-24.9 | 4,806,089 (27.6) | 1467 (0.03) |
| 25-29.9 | 4,723,031 (27.1) | 1,663 (0.04) |
| 30-34.9 | 2,404,098 (13.8) | 1,164 (0.05) |
| 35-39.9 | 929,803 (5.3) | 467 (0.05) |
| ≥40 | 466,762 (2.7) | 257 (0.06) |
| *Missing* | 3,782,768 (21.7) | 504 (0.01) |
|  |  |  |
| **Smoking** |  |  |
| Never | 8,000,204 (45.9) | 1,734 (0.02) |
| Former | 5,737,545 (32.9) | 3,527 (0.06) |
| Current | 2,962,373 (17.0) | 393 (0.01) |
| *Missing* | 725,323 (4.2) | 29 (0.00) |
|  |  |  |
| **Ethnicity** |  |  |
| White | 10,962,999 (62.9) | 3,597 (0.03) |
| Mixed | 171,929 (1.0) | 39 (0.02) |
| Asian or Asian British | 1,030,890 (5.9) | 373 (0.04) |
| Black | 343,437 (2.0) | 158 (0.05) |
| Other | 323,813 (1.9) | 59 (0.02) |
| *Missing* | 4,592,377 (26.4) | 1,457 (0.03) |
|  |  |  |
| **IMD quintile** |  |  |
| 1 (least deprived) | 3,498,853 (20.1) | 948 (0.03) |
| 2 | 3,478,227 (20.0) | 1,040 (0.03) |
| 3 | 3,484,518 (20.0) | 1,101 (0.03) |
| 4 | 3,481,294 (20.0) | 1,246 (0.04) |
| 5 (most deprived) | 3,340,387 (19.2) | 1,316 (0.04) |
| *Missing* | 142,166 (0.8) | 32 (0.02) |
|  |  |  |
| **Blood pressure** |  |  |
| Normal | 3,845,356 (22.1) | 1,215 (0.03) |
| Elevated | 2,504,790 (14.4) | 971 (0.04) |
| High Stage 1 | 5,593,822 (32.1) | 1,796 (0.03) |
| High Stage 2 | 3,752,998 (21.5) | 1,688 (0.04) |
| *Missing* | 1,728,479 (9.9) | 13 (0.00) |
|  |  |  |
| High bp or diagnosed hypertension | 5,962,122 (34.2) | 4,204 (0.07) |
|  |  |  |
| ***Comorbidities*** |  |  |
| **Respiratory disease ex asthma** | 707,284 (4.1) | 1,274 (0.18) |
| **Asthma\*** |  |  |
| Present+recent ocs | 294,003 (1.7) | 201 (0.07) |
| Present, no recent ocs | 2,479,371 (14.2) | 710 (0.03) |
| **Chronic heart disease** | 1,173,443 (6.7) | 2,049 (0.17) |
| **Diabetes\*\*** |  |  |
| Present, HbA1c<58mmol/mol | 489,297 (2.8) | 794 (0.16) |
| Present, HbA1c≥58mmol/mol | 1,043,176 (6.0) | 1,366 (0.13) |
| Present, no HbA1c | 195,243 (1.1) | 213 (0.11) |
| **Cancer (non-haematological)** |  |  |
| < 1 year ago | 80,334 (0.5) | 106 (0.13) |
| 1-4.9 years ago | 235,635 (1.4) | 247 (0.10) |
| ≥5 years ago | 545,223 (3.1) | 557 (0.10) |
| **Haematological malignancy** |  |  |
| < 1 year ago | 8,725 (0.1) | 27 (0.31) |
| 1-4.9 years ago | 27,925 (0.2) | 80 (0.29) |
| ≥5 years ago | 63,818 (0.4) | 103 (0.16) |
| **Liver disease** | 114,303 (0.7) | 111 (0.10) |
| **Stroke/dementia** | 373,968 (2.1) | 999 (0.27) |
| **Other neurology dis** | 171,975 (1.0) | 313 (0.18) |
| **Kidney disease** | 1,090,760 (6.3) | 2,541 (0.23) |
| **Organ transplant** | 20,130 (0.1) | 49 (0.24) |
| **Spleen diseases** | 28,160 (0.2) | 23 (0.08) |
| **Rheumatoid/Lupus/ Psoriasis** | 885,284 (5.1) | 533 (0.06) |
| **Other immunosuppressive condition** | 280,783 (1.6) | 36 (0.01) |

*GREY HIGHLIGHT = DUMMY DATA - NOT REAL, \* ocs = oral corticosteroid use, recent defined as <1 year before baseline, \*\* classification by HbA1c based on measures within 15 months before baseline*