**Table 1: Characteristics of beneficiaries with and without PTSD diagnosis at the end of follow-up**

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| --- | --- | --- | --- |
|  | **PTSD** | **No PTSD** | **Total** |
|  | N=13,860 (1.3) | N=1,068,500 (98.7) | N=1,082,360 (100.0) |
| Characteristics at baseline |  |  |  |
| Age, years |  |  |  |
| 18-24 | 1,942 (14.0) | 227,686 (21.3) | 229,628 (21.2) |
| 25-34 | 4,086 (29.5) | 268,367 (25.1) | 272,453 (25.2) |
| 35-44 | 3,898 (28.1) | 219,409 (20.5) | 223,307 (20.6) |
| 45-54 | 2,737 (19.7) | 178,510 (16.7) | 181,247 (16.7) |
| 55-64 | 873 (6.3) | 105,496 (9.9) | 106,369 (9.8) |
| 65-74 | 236 (1.7) | 45,763 (4.3) | 45,999 (4.2) |
| 75+ | 88 (0.6) | 23,269 (2.2) | 23,357 (2.2) |
| Mean (SD) | 37.6 (12.3) | 38.4 (15.5) | 38.4 (15.4) |
| Sex |  |  |  |
| Male | 5,270 (38.0) | 512,511 (48.0) | 517,781 (47.8) |
| Female | 8,590 (62.0) | 555,989 (52.0) | 564,579 (52.2) |
| Population group |  |  |  |
| Black African | 9,181 (66.2) | 560,544 (52.5) | 569,725 (52.6) |
| Mixed Ancestry | 823 (5.9) | 67,392 (6.3) | 68,215 (6.3) |
| White | 1,953 (14.1) | 194,807 (18.2) | 196,760 (18.2) |
| Indian/Asian | 400 (2.9) | 48,531 (4.5) | 48,931 (4.5) |
| Unknown | 1,503 (10.8) | 197,226 (18.5) | 198,729 (18.4) |
| Characteristics at the end of follow-up |  |  |  |
| CVD risk factors |  |  |  |
| Diabetes mellitus | 2,631 (19.0) | 134,571 (12.6) | 137,202 (12.7) |
| Hypertension | 6,099 (44.0) | 302,319 (28.3) | 308,418 (28.5) |
| Dyslipidemia | 3,157 (22.8) | 166,878 (15.6) | 170,035 (15.7) |
| Obesity | 1,101 (7.9) | 37,372 (3.5) | 38,473 (3.6) |
| Overweight | 262 (1.9) | 9,293 (0.9) | 9,555 (0.9) |
| Smoking | 228 (1.6) | 8,230 (0.8) | 8,458 (0.8) |
| HIV | 2,491 (18.0) | 83,981 (7.9) | 86,472 (8.0) |
| Psychiatric comorbidity: low certainty |  |  |  |
| Substance use disorder | 513 (3.7) | 10,004 (0.9) | 10,517 (1.0) |
| Psychotic disorder | 228 (1.6) | 4,543 (0.4) | 4,771 (0.4) |
| Mood disorder | 7,773 (56.1) | 149,828 (14.0) | 157,601 (14.6) |
| Anxiety disorder | 13,860 (100.0) | 165,185 (15.5) | 179,045 (16.5) |
| Post-traumatic stress disorder | 13,860 (100.0) | 0 (0.0) | 13,860 (1.3) |
| Other anxiety disorders | 7,032 (50.7) | 128,549 (12.0) | 135,581 (12.5) |
| Sleep disorder | 2,775 (20.0) | 71,571 (6.7) | 74,346 (6.9) |
| Other mental disorders | 893 (6.4) | 23,215 (2.2) | 24,108 (2.2) |
| Psychiatric comorbidity: moderate certainty |  |  |  |
| Substance use disorder | 234 (1.7) | 3,554 (0.3) | 3,788 (0.3) |
| Psychotic disorder | 106 (0.8) | 2,281 (0.2) | 2,387 (0.2) |
| Mood disorder | 6,407 (46.2) | 102,102 (9.6) | 108,509 (10.0) |
| Anxiety disorder | 10,175 (73.4) | 82,971 (7.8) | 93,146 (8.6) |
| Post-traumatic stress disorder | 5,902 (42.6) | 0 (0.0) | 5,902 (0.5) |
| Other anxiety disorders | 4,683 (33.8) | 63,466 (5.9) | 68,149 (6.3) |
| Sleep disorder | 1,355 (9.8) | 32,795 (3.1) | 34,150 (3.2) |
| Other mental disorders | 407 (2.9) | 10,740 (1.0) | 11,147 (1.0) |
| Psychiatric comorbidity: low certainty |  |  |  |
| Substance use disorder | 513 (3.7) | 10,004 (0.9) | 10,517 (1.0) |
| Alcohol use disorder | 311 (2.2) | 4,945 (0.5) | 5,256 (0.5) |
| Drug use disorder | 195 (1.4) | 4,120 (0.4) | 4,315 (0.4) |
| Tobacco use disorder | 3 (0.0) | 125 (0.0) | 128 (0.0) |
| Psychotic disorder | 228 (1.6) | 4,543 (0.4) | 4,771 (0.4) |
| Mood disorder | 7,773 (56.1) | 149,828 (14.0) | 157,601 (14.6) |
| Bipolar disorder | 1,238 (8.9) | 17,799 (1.7) | 19,037 (1.8) |
| Depression | 7,650 (55.2) | 144,508 (13.5) | 152,158 (14.1) |
| Other mood disorders | 168 (1.2) | 3,505 (0.3) | 3,673 (0.3) |
| Anxiety disorder | 13,860 (100.0) | 165,185 (15.5) | 179,045 (16.5) |
| Panic disorder | 524 (3.8) | 8,253 (0.8) | 8,777 (0.8) |
| Generalised anxiety disorder | 1,627 (11.7) | 31,210 (2.9) | 32,837 (3.0) |
| Mixed anxiety and depressive disorder | 756 (5.5) | 14,985 (1.4) | 15,741 (1.5) |
| Unspecified anxiety disorder | 2,806 (20.2) | 60,197 (5.6) | 63,003 (5.8) |
| Acute or severe stress reaction | 4,343 (31.3) | 60,322 (5.6) | 64,665 (6.0) |
| Post-traumatic stress disorder | 13,860 (100.0) | 0 (0.0) | 13,860 (1.3) |
| Adjustment disorder | 1,944 (14.0) | 22,542 (2.1) | 24,486 (2.3) |
| Other anxiety disorders | 901 (6.5) | 18,966 (1.8) | 19,867 (1.8) |
| Sleep disorder | 2,775 (20.0) | 71,571 (6.7) | 74,346 (6.9) |
| Other mental disorders | 893 (6.4) | 23,215 (2.2) | 24,108 (2.2) |
| Psychiatric comorbidity: detailed - moderate certainty |  |  |  |
| Substance use disorder | 234 (1.7) | 3,554 (0.3) | 3,788 (0.3) |
| Alcohol use disorder | 126 (0.9) | 1,451 (0.1) | 1,577 (0.1) |
| Drug use disorder | 64 (0.5) | 1,323 (0.1) | 1,387 (0.1) |
| Tobacco use disorder | 0 (0.0) | 29 (0.0) | 29 (0.0) |
| Psychotic disorder | 106 (0.8) | 2,281 (0.2) | 2,387 (0.2) |
| Mood disorder | 6,407 (46.2) | 102,102 (9.6) | 108,509 (10.0) |
| Bipolar disorder | 866 (6.2) | 12,387 (1.2) | 13,253 (1.2) |
| Depression | 6,285 (45.3) | 97,360 (9.1) | 103,645 (9.6) |
| Other mood disorders | 63 (0.5) | 1,341 (0.1) | 1,404 (0.1) |
| Anxiety disorder | 10,175 (73.4) | 82,971 (7.8) | 93,146 (8.6) |
| Panic disorder | 182 (1.3) | 2,312 (0.2) | 2,494 (0.2) |
| Generalised anxiety disorder | 781 (5.6) | 12,553 (1.2) | 13,334 (1.2) |
| Mixed anxiety and depressive disorder | 331 (2.4) | 5,800 (0.5) | 6,131 (0.6) |
| Unspecified anxiety disorder | 1,171 (8.4) | 20,330 (1.9) | 21,501 (2.0) |
| Acute or severe stress reaction | 2,478 (17.9) | 23,746 (2.2) | 26,224 (2.4) |
| Post-traumatic stress disorder | 5,902 (42.6) | 0 (0.0) | 5,902 (0.5) |
| Adjustment disorder | 1,383 (10.0) | 14,353 (1.3) | 15,736 (1.5) |
| Other anxiety disorders | 313 (2.3) | 6,000 (0.6) | 6,313 (0.6) |
| Sleep disorder | 1,355 (9.8) | 32,795 (3.1) | 34,150 (3.2) |
| Other mental disorders | 407 (2.9) | 10,740 (1.0) | 11,147 (1.0) |
| MACE 2 | 591 (4.3) | 28,162 (2.6) | 28,753 (2.7) |
| MACE 3 | 1,007 (7.3) | 45,975 (4.3) | 46,982 (4.3) |
| MACE 4 | 1,441 (10.4) | 68,670 (6.4) | 70,111 (6.5) |
| STEMI | 44 (0.3) | 2,387 (0.2) | 2,431 (0.2) |
| NSTEMI | 31 (0.2) | 2,140 (0.2) | 2,171 (0.2) |
| Unspecified MI | 104 (0.8) | 5,371 (0.5) | 5,475 (0.5) |
| Hemorrhagic stroke | 97 (0.7) | 3,926 (0.4) | 4,023 (0.4) |
| Ischaemic stroke | 210 (1.5) | 10,290 (1.0) | 10,500 (1.0) |
| Unspecified stroke | 302 (2.2) | 14,494 (1.4) | 14,796 (1.4) |
| Unstable angina | 543 (3.9) | 23,072 (2.2) | 23,615 (2.2) |
| Revascularization | 93 (0.7) | 6,526 (0.6) | 6,619 (0.6) |
| Heart failure | 673 (4.9) | 36,395 (3.4) | 37,068 (3.4) |
| Mortality | 368 (2.7) | 36,894 (3.5) | 37,262 (3.4) |
| Natural causes | 302 (2.2) | 31,201 (2.9) | 31,504 (2.9) |
| Unnatural causes | 49 (0.4) | 3,094 (0.3) | 3,145 (0.3) |
| Unknown | 17 (0.1) | 2,599 (0.2) | 2,620 (0.2) |
| Follow-up time, years |  |  |  |
| Median (IRQ) | 6.6 (3.5-9.5) | 3.0 (1.2-6.0) | 3.0 (1.2-6.0) |