|  | Anxiety cohort | | | Depression cohort | | |
| --- | --- | --- | --- | --- | --- | --- |
| Characteristic | Overall, N = 3,970,0051 | Matched controls, N = 3,156,5951 | With eczema, N = 813,4101 | Overall, N = 3,528,7071 | Matched controls, N = 2,775,6621 | With eczema, N = 753,0451 |
| **Sex** |  |  |  |  |  |  |
| Data Not Entered | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| Male | 1,723,468 (43%) | 1,368,266 (43%) | 355,202 (44%) | 1,617,111 (46%) | 1,276,047 (46%) | 341,064 (45%) |
| Female | 2,246,537 (57%) | 1,788,329 (57%) | 458,208 (56%) | 1,911,596 (54%) | 1,499,615 (54%) | 411,981 (55%) |
| Indeterminate | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| Unknown | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| **Age** | 39.3 (24.1-60.7) | 39.1 (24.1-60.6) | 39.9 (24.2-60.9) | 38.5 (23.2-60.9) | 38.2 (23.1-60.8) | 39.4 (23.5-61.1) |
| **Age (categorised)** |  |  |  |  |  |  |
| 18-39 | 2,023,725 (51%) | 1,616,114 (51%) | 407,611 (50%) | 1,835,880 (52%) | 1,452,796 (52%) | 383,084 (51%) |
| 40-49 | 478,021 (12%) | 377,171 (12%) | 100,850 (12%) | 398,150 (11%) | 308,843 (11%) | 89,307 (12%) |
| 50-59 | 444,369 (11%) | 351,476 (11%) | 92,893 (11%) | 376,911 (11%) | 293,738 (11%) | 83,173 (11%) |
| 60-69 | 444,729 (11%) | 354,071 (11%) | 90,658 (11%) | 396,595 (11%) | 312,468 (11%) | 84,127 (11%) |
| 70-79 | 360,672 (9.1%) | 285,913 (9.1%) | 74,759 (9.2%) | 329,332 (9.3%) | 258,824 (9.3%) | 70,508 (9.4%) |
| 80+ | 218,489 (5.5%) | 171,850 (5.4%) | 46,639 (5.7%) | 191,839 (5.4%) | 148,993 (5.4%) | 42,846 (5.7%) |
| **Country** |  |  |  |  |  |  |
| England | 2,854,591 (72%) | 2,273,157 (72%) | 581,434 (71%) | 2,532,568 (72%) | 1,995,135 (72%) | 537,433 (71%) |
| N Ireland | 120,445 (3.0%) | 95,124 (3.0%) | 25,321 (3.1%) | 114,544 (3.2%) | 89,936 (3.2%) | 24,608 (3.3%) |
| Scotland | 509,965 (13%) | 406,172 (13%) | 103,793 (13%) | 453,780 (13%) | 357,455 (13%) | 96,325 (13%) |
| Wales | 485,004 (12%) | 382,142 (12%) | 102,862 (13%) | 427,815 (12%) | 333,136 (12%) | 94,679 (13%) |
| **Rural/Urban** |  |  |  |  |  |  |
| urban | 3,406,772 (86%) | 2,707,133 (86%) | 699,639 (86%) | 3,025,104 (86%) | 2,377,860 (86%) | 647,244 (86%) |
| rural | 563,233 (14%) | 449,462 (14%) | 113,771 (14%) | 503,603 (14%) | 397,802 (14%) | 105,801 (14%) |
| **Follow-up time (years)** | 5.1 (2.0-9.9) | 5.0 (1.9-9.8) | 5.4 (2.2-10.4) | 5.1 (2.0-10.1) | 5.0 (1.9-9.9) | 5.5 (2.2-10.5) |
| **Calendar period** |  |  |  |  |  |  |
| 1997-2002 | 1,031,189 (26%) | 828,723 (26%) | 202,466 (25%) | 931,616 (26%) | 741,891 (27%) | 189,725 (25%) |
| 2002-08 | 1,123,775 (28%) | 898,606 (28%) | 225,169 (28%) | 1,003,747 (28%) | 794,621 (29%) | 209,126 (28%) |
| 2008-14 | 1,144,799 (29%) | 905,323 (29%) | 239,476 (29%) | 1,001,242 (28%) | 781,981 (28%) | 219,261 (29%) |
| 2014-19 | 670,242 (17%) | 523,943 (17%) | 146,299 (18%) | 592,102 (17%) | 457,169 (16%) | 134,933 (18%) |
| **Ethnicity** |  |  |  |  |  |  |
| White | 1,404,989 (84%) | 1,112,348 (84%) | 292,641 (84%) | 1,224,008 (84%) | 957,199 (84%) | 266,809 (84%) |
| South Asian | 87,929 (5.3%) | 66,628 (5.0%) | 21,301 (6.1%) | 81,093 (5.6%) | 60,744 (5.3%) | 20,349 (6.4%) |
| Black | 46,799 (2.8%) | 37,411 (2.8%) | 9,388 (2.7%) | 42,098 (2.9%) | 33,357 (2.9%) | 8,741 (2.7%) |
| Other | 33,795 (2.0%) | 27,240 (2.1%) | 6,555 (1.9%) | 30,317 (2.1%) | 24,134 (2.1%) | 6,183 (1.9%) |
| Mixed | 15,530 (0.9%) | 12,305 (0.9%) | 3,225 (0.9%) | 13,673 (0.9%) | 10,707 (0.9%) | 2,966 (0.9%) |
| Not Stated | 80,195 (4.8%) | 65,046 (4.9%) | 15,149 (4.3%) | 69,391 (4.8%) | 55,620 (4.9%) | 13,771 (4.3%) |
| equally common | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| Unknown | 2,300,768 | 1,835,617 | 465,151 | 2,068,127 | 1,633,901 | 434,226 |
| **Carstairs deprivation quintile** |  |  |  |  |  |  |
| 1 | 762,357 (20%) | 604,754 (20%) | 157,603 (20%) | 686,290 (20%) | 538,012 (20%) | 148,278 (20%) |
| 2 | 785,264 (20%) | 624,121 (20%) | 161,143 (20%) | 702,059 (21%) | 551,738 (21%) | 150,321 (21%) |
| 3 | 811,508 (21%) | 644,799 (21%) | 166,709 (21%) | 722,235 (21%) | 567,960 (21%) | 154,275 (21%) |
| 4 | 852,850 (22%) | 679,400 (22%) | 173,450 (22%) | 743,566 (22%) | 585,789 (22%) | 157,777 (22%) |
| 5 | 637,581 (17%) | 508,397 (17%) | 129,184 (16%) | 560,013 (16%) | 442,227 (16%) | 117,786 (16%) |
| Unknown | 120,445 | 95,124 | 25,321 | 114,544 | 89,936 | 24,608 |
| **BMI** | 25.2 (22.3-28.8) | 25.2 (22.3-28.8) | 25.4 (22.5-29.0) | 25.1 (22.3-28.7) | 25.1 (22.3-28.6) | 25.2 (22.4-28.8) |
| Unknown | 774,449 | 636,496 | 137,953 | 725,176 | 591,979 | 133,197 |
| **BMI (categorised)** |  |  |  |  |  |  |
| underweight | 101,316 (3.2%) | 81,423 (3.2%) | 19,893 (2.9%) | 90,316 (3.2%) | 71,723 (3.3%) | 18,593 (3.0%) |
| normal | 1,435,801 (45%) | 1,137,253 (45%) | 298,548 (44%) | 1,278,727 (46%) | 999,326 (46%) | 279,401 (45%) |
| overweight | 1,030,840 (32%) | 811,863 (32%) | 218,977 (32%) | 910,491 (32%) | 708,702 (32%) | 201,789 (33%) |
| obese | 627,599 (20%) | 489,560 (19%) | 138,039 (20%) | 523,997 (19%) | 403,932 (18%) | 120,065 (19%) |
| Unknown | 774,449 | 636,496 | 137,953 | 725,176 | 591,979 | 133,197 |
| **Harmful alcohol use** | 109,782 (2.8%) | 83,858 (2.7%) | 25,924 (3.2%) | 86,425 (2.4%) | 65,027 (2.3%) | 21,398 (2.8%) |
| **Smoking status** |  |  |  |  |  |  |
| non-smoker | 1,630,464 (59%) | 1,275,249 (59%) | 355,215 (58%) | 1,477,258 (61%) | 1,140,589 (61%) | 336,669 (60%) |
| current smoker | 483,651 (18%) | 374,677 (17%) | 108,974 (18%) | 402,207 (17%) | 308,758 (16%) | 93,449 (17%) |
| ex-smoker | 581,378 (21%) | 446,559 (21%) | 134,819 (22%) | 504,151 (21%) | 381,581 (20%) | 122,570 (22%) |
| current or ex-smoker | 65,448 (2.4%) | 51,849 (2.4%) | 13,599 (2.2%) | 52,464 (2.2%) | 41,264 (2.2%) | 11,200 (2.0%) |
| Unknown | 1,209,064 | 1,008,261 | 200,803 | 1,092,627 | 903,470 | 189,157 |
| **Sleep problems** | 335,355 (8.4%) | 233,116 (7.4%) | 102,239 (13%) | 262,183 (7.4%) | 177,776 (6.4%) | 84,407 (11%) |
| **Sleep problems (incl. benzos)** | 590,711 (15%) | 427,157 (14%) | 163,554 (20%) | 487,828 (14%) | 346,004 (12%) | 141,824 (19%) |
| **Asthma diagnosis** | 559,989 (14%) | 376,470 (12%) | 183,519 (23%) | 492,133 (14%) | 324,765 (12%) | 167,368 (22%) |
| **Charlson's comorbidity index** |  |  |  |  |  |  |
| 0 Low (0) | 2,808,675 (71%) | 2,299,074 (73%) | 509,601 (63%) | 2,516,916 (71%) | 2,039,829 (73%) | 477,087 (63%) |
| 1 Moderate (1-2) | 996,790 (25%) | 727,745 (23%) | 269,045 (33%) | 874,782 (25%) | 628,988 (23%) | 245,794 (33%) |
| 2 Severe (3 or more) | 164,540 (4.1%) | 129,776 (4.1%) | 34,764 (4.3%) | 137,009 (3.9%) | 106,845 (3.8%) | 30,164 (4.0%) |
| **Severe eczema** |  |  |  |  |  |  |
| none | 3,156,595 (80%) | 3,156,595 (100%) | 0 (0%) | 2,775,662 (79%) | 2,775,662 (100%) | 0 (0%) |
| mild | 600,474 (15%) | 0 (0%) | 600,474 (74%) | 556,481 (16%) | 0 (0%) | 556,481 (74%) |
| moderate | 197,289 (5.0%) | 0 (0%) | 197,289 (24%) | 181,814 (5.2%) | 0 (0%) | 181,814 (24%) |
| severe | 15,647 (0.4%) | 0 (0%) | 15,647 (1.9%) | 14,750 (0.4%) | 0 (0%) | 14,750 (2.0%) |
| 1Median (IQR) or Frequency (%) | | | | | | |