Table 1. Baseline characteristics of participants in the UK Biobank Cohort

| **Characteristic** | **Overall**, N = 123,8211 | **0**, N = 122,4431 | **1**, N = 1,3781 |
| --- | --- | --- | --- |
| **age** | 57.0 (44.0, 66.0) | 57.0 (44.0, 66.0) | 58.0 (46.0, 66.0) |
| **sex** |  |  |  |
| Female | 69,070 (56%) | 68,373 (56%) | 697 (51%) |
| Male | 54,751 (44%) | 54,070 (44%) | 681 (49%) |
| **yearly\_income** |  |  |  |
| <18,000 | 15,586 (13%) | 15,318 (13%) | 268 (19%) |
| >100,000 | 8,899 (7.2%) | 8,837 (7.2%) | 62 (4.5%) |
| 18,000-30,999 | 26,798 (22%) | 26,462 (22%) | 336 (24%) |
| 31,000-51,999 | 32,765 (26%) | 32,440 (26%) | 325 (24%) |
| 52,000-100,000 | 28,798 (23%) | 28,552 (23%) | 246 (18%) |
| don't know | 2,772 (2.2%) | 2,725 (2.2%) | 47 (3.4%) |
| no answer | 8,203 (6.6%) | 8,109 (6.6%) | 94 (6.8%) |
| **education** |  |  |  |
| High | 58,348 (47%) | 57,864 (47%) | 484 (35%) |
| Intermediate | 40,974 (33%) | 40,472 (33%) | 502 (36%) |
| Low | 24,499 (20%) | 24,107 (20%) | 392 (28%) |
| **deprivation** | -2.4 (-4.7, 2.6) | -2.4 (-4.7, 2.6) | -1.7 (-4.5, 3.7) |
| **cohabitation** |  |  |  |
| alone | 22,184 (18%) | 21,903 (18%) | 281 (20%) |
| no answer | 179 (0.1%) | 173 (0.1%) | 6 (0.4%) |
| other non-partner | 8,770 (7.1%) | 8,650 (7.1%) | 120 (8.7%) |
| with spouse/partner | 92,688 (75%) | 91,717 (75%) | 971 (70%) |
| **ethnicity** |  |  |  |
| asian | 1,444 (1.2%) | 1,414 (1.2%) | 30 (2.2%) |
| black | 959 (0.8%) | 948 (0.8%) | 11 (0.8%) |
| mixed or other | 1,762 (1.4%) | 1,741 (1.4%) | 21 (1.5%) |
| white | 119,656 (97%) | 118,340 (97%) | 1,316 (96%) |
| **physical\_activity** |  |  |  |
| high | 21,508 (17%) | 21,309 (17%) | 199 (14%) |
| low | 28,479 (23%) | 28,089 (23%) | 390 (28%) |
| moderate | 54,922 (44%) | 54,385 (44%) | 537 (39%) |
| unknown | 18,912 (15%) | 18,660 (15%) | 252 (18%) |
| **smoking** |  |  |  |
| current <15 | 3,352 (2.7%) | 3,306 (2.7%) | 46 (3.3%) |
| current > 15 | 1,786 (1.4%) | 1,749 (1.4%) | 37 (2.7%) |
| former | 44,293 (36%) | 43,690 (36%) | 603 (44%) |
| never | 70,733 (57%) | 70,088 (57%) | 645 (47%) |
| no answer | 3,657 (3.0%) | 3,610 (2.9%) | 47 (3.4%) |
| **alcohol\_daily** | 11.4 (0.0, 44.0) | 11.4 (0.0, 43.9) | 8.6 (0.0, 48.9) |
| **region** |  |  |  |
| East\_Midlands | 9,913 (8.0%) | 9,792 (8.0%) | 121 (8.8%) |
| London | 25,282 (20%) | 24,969 (20%) | 313 (23%) |
| North\_East | 11,774 (9.5%) | 11,588 (9.5%) | 186 (13%) |
| North\_West | 15,249 (12%) | 15,022 (12%) | 227 (16%) |
| Scotland | 6,552 (5.3%) | 6,526 (5.3%) | 26 (1.9%) |
| South\_East | 11,638 (9.4%) | 11,555 (9.4%) | 83 (6.0%) |
| South\_West | 12,916 (10%) | 12,767 (10%) | 149 (11%) |
| Wales | 3,851 (3.1%) | 3,837 (3.1%) | 14 (1.0%) |
| West\_Midlands | 7,500 (6.1%) | 7,425 (6.1%) | 75 (5.4%) |
| Yorkshire\_Humber | 19,146 (15%) | 18,962 (15%) | 184 (13%) |
| **bmi30** | 24,457 (20%) | 23,775 (19%) | 682 (49%) |
| **diabetes** |  |  |  |
| don't know | 139 (0.1%) | 133 (0.1%) | 6 (0.4%) |
| no | 119,058 (96%) | 117,891 (96%) | 1,167 (85%) |
| no answer | 11 (<0.1%) | 11 (<0.1%) | 0 (0%) |
| yes | 4,613 (3.7%) | 4,408 (3.6%) | 205 (15%) |
| **non\_cancer\_illness** |  |  |  |
| alcoholic liver disease | 3 (<0.1%) | 3 (<0.1%) | 0 (0%) |
| angina | 504 (0.4%) | 491 (0.4%) | 13 (0.9%) |
| cholesterolemia | 5,094 (4.1%) | 5,009 (4.1%) | 85 (6.2%) |
| gbd | 1,215 (1.0%) | 1,189 (1.0%) | 26 (1.9%) |
| hypertension | 30,284 (24%) | 29,689 (24%) | 595 (43%) |
| mi | 842 (0.7%) | 822 (0.7%) | 20 (1.5%) |
| none of the above | 85,221 (69%) | 84,593 (69%) | 628 (46%) |
| stroke | 658 (0.5%) | 647 (0.5%) | 11 (0.8%) |
| **cancer** |  |  |  |
| don't know | 219 (0.2%) | 215 (0.2%) | 4 (0.3%) |
| no | 114,246 (92%) | 112,976 (92%) | 1,270 (92%) |
| no answer | 22 (<0.1%) | 22 (<0.1%) | 0 (0%) |
| yes | 9,334 (7.5%) | 9,230 (7.5%) | 104 (7.5%) |
| **family\_illness** |  |  |  |
| diabetes | 25,211 (20%) | 24,810 (20%) | 401 (29%) |
| heart disease | 14,899 (12%) | 14,751 (12%) | 148 (11%) |
| hypertension | 45,912 (37%) | 45,427 (37%) | 485 (35%) |
| none of the above | 27,190 (22%) | 26,945 (22%) | 245 (18%) |
| stroke | 10,609 (8.6%) | 10,510 (8.6%) | 99 (7.2%) |
| 1Median (10%, 90%); n (%) | | | |