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

| **Characteristic** | **Overall**, N = 126,8101 | **0**, N = 125,3681 | **1**, N = 1,4421 |
| --- | --- | --- | --- |
| **age** | 57.0 (44.0, 66.0) | 57.0 (44.0, 66.0) | 58.0 (46.0, 66.0) |
| **sex** |  |  |  |
| Female | 70,695 (56%) | 69,969 (56%) | 726 (50%) |
| Male | 56,115 (44%) | 55,399 (44%) | 716 (50%) |
| **yearly\_income** |  |  |  |
| <18,000 | 16,034 (13%) | 15,752 (13%) | 282 (20%) |
| >100,000 | 9,030 (7.1%) | 8,964 (7.2%) | 66 (4.6%) |
| 18,000-30,999 | 27,402 (22%) | 27,047 (22%) | 355 (25%) |
| 31,000-51,999 | 33,397 (26%) | 33,065 (26%) | 332 (23%) |
| 52,000-100,000 | 29,289 (23%) | 29,034 (23%) | 255 (18%) |
| don't know | 2,899 (2.3%) | 2,850 (2.3%) | 49 (3.4%) |
| no answer | 8,759 (6.9%) | 8,656 (6.9%) | 103 (7.1%) |
| **education** |  |  |  |
| High | 59,452 (47%) | 58,947 (47%) | 505 (35%) |
| Intermediate | 41,834 (33%) | 41,314 (33%) | 520 (36%) |
| Low | 25,125 (20%) | 24,713 (20%) | 412 (29%) |
| n missing | 399 | 394 | 5 |
| **deprivation** | -2.4 (-4.6, 2.6) | -2.4 (-4.6, 2.6) | -1.7 (-4.4, 3.7) |
| n missing | 149 | 144 | 5 |
| **cohabitation** |  |  |  |
| alone | 22,672 (18%) | 22,381 (18%) | 291 (20%) |
| no answer | 208 (0.2%) | 202 (0.2%) | 6 (0.4%) |
| other non-partner | 8,943 (7.1%) | 8,819 (7.1%) | 124 (8.7%) |
| with spouse/partner | 94,326 (75%) | 93,321 (75%) | 1,005 (70%) |
| n missing | 661 | 645 | 16 |
| **ethnicity** |  |  |  |
| asian | 1,522 (1.2%) | 1,489 (1.2%) | 33 (2.3%) |
| black | 1,019 (0.8%) | 1,008 (0.8%) | 11 (0.8%) |
| mixed or other | 1,824 (1.4%) | 1,803 (1.4%) | 21 (1.5%) |
| white | 122,405 (97%) | 121,028 (97%) | 1,377 (95%) |
| n missing | 40 | 40 | 0 |
| **physical\_activity** |  |  |  |
| high | 21,997 (17%) | 21,790 (17%) | 207 (14%) |
| low | 29,172 (23%) | 28,764 (23%) | 408 (28%) |
| moderate | 55,987 (44%) | 55,429 (44%) | 558 (39%) |
| unknown | 19,654 (15%) | 19,385 (15%) | 269 (19%) |
| **smoking** |  |  |  |
| current <15 | 3,442 (2.7%) | 3,394 (2.7%) | 48 (3.3%) |
| current > 15 | 1,843 (1.5%) | 1,805 (1.4%) | 38 (2.6%) |
| former | 45,362 (36%) | 44,731 (36%) | 631 (44%) |
| never | 72,373 (57%) | 71,697 (57%) | 676 (47%) |
| no answer | 3,790 (3.0%) | 3,741 (3.0%) | 49 (3.4%) |
| **alcohol\_daily** | 11.3 (0.0, 43.9) | 11.3 (0.0, 43.9) | 8.2 (0.0, 48.8) |
| **region** |  |  |  |
| East\_Midlands | 10,116 (8.0%) | 9,992 (8.0%) | 124 (8.6%) |
| London | 25,933 (20%) | 25,604 (20%) | 329 (23%) |
| North\_East | 12,118 (9.6%) | 11,923 (9.5%) | 195 (14%) |
| North\_West | 15,756 (12%) | 15,515 (12%) | 241 (17%) |
| Scotland | 6,705 (5.3%) | 6,677 (5.3%) | 28 (1.9%) |
| South\_East | 11,804 (9.3%) | 11,720 (9.3%) | 84 (5.8%) |
| South\_West | 13,106 (10%) | 12,956 (10%) | 150 (10%) |
| Wales | 3,970 (3.1%) | 3,956 (3.2%) | 14 (1.0%) |
| West\_Midlands | 7,755 (6.1%) | 7,675 (6.1%) | 80 (5.5%) |
| Yorkshire\_Humber | 19,547 (15%) | 19,350 (15%) | 197 (14%) |
| **bmi30** | 24,805 (20%) | 24,107 (20%) | 698 (50%) |
| n missing | 1,848 | 1,808 | 40 |
| **diabetes** |  |  |  |
| don't know | 148 (0.1%) | 141 (0.1%) | 7 (0.5%) |
| no | 121,788 (96%) | 120,572 (96%) | 1,216 (84%) |
| no answer | 52 (<0.1%) | 52 (<0.1%) | 0 (0%) |
| yes | 4,822 (3.8%) | 4,603 (3.7%) | 219 (15%) |
| **non\_cancer\_illness** |  |  |  |
| alcoholic liver disease | 3 (<0.1%) | 3 (<0.1%) | 0 (0%) |
| angina | 521 (0.4%) | 507 (0.4%) | 14 (1.0%) |
| cholesterolemia | 5,221 (4.1%) | 5,133 (4.1%) | 88 (6.1%) |
| gbd | 1,241 (1.0%) | 1,211 (1.0%) | 30 (2.1%) |
| hypertension | 31,236 (25%) | 30,600 (24%) | 636 (44%) |
| mi | 898 (0.7%) | 877 (0.7%) | 21 (1.5%) |
| none of the above | 86,990 (69%) | 86,349 (69%) | 641 (44%) |
| stroke | 700 (0.6%) | 688 (0.5%) | 12 (0.8%) |
| **cancer** |  |  |  |
| don't know | 226 (0.2%) | 222 (0.2%) | 4 (0.3%) |
| no | 116,951 (92%) | 115,619 (92%) | 1,332 (92%) |
| no answer | 63 (<0.1%) | 63 (<0.1%) | 0 (0%) |
| yes | 9,570 (7.5%) | 9,464 (7.5%) | 106 (7.4%) |
| **family\_illness** |  |  |  |
| diabetes | 25,899 (20%) | 25,476 (20%) | 423 (29%) |
| heart disease | 15,208 (12%) | 15,055 (12%) | 153 (11%) |
| hypertension | 46,981 (37%) | 46,473 (37%) | 508 (35%) |
| none of the above | 27,839 (22%) | 27,585 (22%) | 254 (18%) |
| stroke | 10,883 (8.6%) | 10,779 (8.6%) | 104 (7.2%) |
| 1Median (10%, 90%); n (%) | | | |