**TABLES**

**Supplementary Table 1: Baseline characteristics of entire cohort**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Characteristic** | **All respondents(N=212411)** | **No Cancer History(N=204776)** | **Cancer History(N=7635)** | **p** |
| Survey Year |  |  |  | 0.503 |
| 2015 | 43188 (20.3%) | 41638 (20.3%) | 1550 (20.3%) |  |
| 2016 | 42209 (19.9%) | 40701 (19.9%) | 1508 (19.8%) |  |
| 2017 | 42149 (19.8%) | 40681 (19.9%) | 1468 (19.2%) |  |
| 2018 | 42584 (20.0%) | 41003 (20.0%) | 1581 (20.7%) |  |
| 2019 | 42281 (19.9%) | 40753 (19.9%) | 1528 (20.0%) |  |
| Age, years |  |  |  | <0.001 |
| 18-34 | 112684 (53.0%) | 111800 (54.6%) | 884 (11.6%) |  |
| 35-64 | 81057 (38.2%) | 77453 (37.8%) | 3604 (47.2%) |  |
| 65+ | 18670 (8.8%) | 15523 (7.6%) | 3147 (41.2%) |  |
| Sex |  |  |  | <0.001 |
| Female | 113796 (53.6%) | 108992 (53.2%) | 4804 (62.9%) |  |
| Male | 98615 (46.4%) | 95784 (46.8%) | 2831 (37.1%) |  |
| Race and Ethnicity |  |  |  | <0.001 |
| Hispanic | 36429 (17.2%) | 35919 (17.5%) | 510 (6.7%) |  |
| Non-Hispanic Black | 26664 (12.6%) | 26202 (12.8%) | 462 (6.1%) |  |
| Non-Hispanic White | 128212 (60.4%) | 121978 (59.6%) | 6234 (81.7%) |  |
| Other | 21106 (9.9%) | 20677 (10.1%) | 429 (5.6%) |  |
| Marital Status |  |  |  | <0.001 |
| Married | 17917 (41.5%) | 17044 (8.3%) | 873 (11.4%) |  |
| Divorced/Separated | 4820 (11.2%) | 4549 (2.2%) | 271 (3.5%) |  |
| Widowed | 1589 (3.7%) | 1398 (0.7%) | 191 (2.5%) |  |
| Never Married | 18862 (43.7%) | 18647 (9.1%) | 215 (2.8%) |  |
| Highest Education |  |  |  | <0.001 |
| <High School | 27218 (12.8%) | 26586 (13.0%) | 632 (8.3%) |  |
| High School Graduate | 56316 (26.5%) | 54580 (26.7%) | 1736 (22.7%) |  |
| Some college or associates degree | 71509 (33.7%) | 69037 (33.7%) | 2472 (32.4%) |  |
| College graduate | 57368 (27.0%) | 54573 (26.7%) | 2795 (36.6%) |  |
| Working Status |  |  |  | <0.001 |
| Full-Time | 110759 (52.1%) | 108054 (52.8%) | 2705 (35.4%) |  |
| Part-Time | 33393 (15.7%) | 32373 (15.8%) | 1020 (13.4%) |  |
| Unemployed | 12699 (6.0%) | 12515 (6.1%) | 184 (2.4%) |  |
| Other | 55560 (26.2%) | 51834 (25.3%) | 3726 (48.8%) |  |
| Setting |  |  |  | <0.001 |
| Rural | 41681 (19.6%) | 39944 (19.5%) | 1737 (22.8%) |  |
| Urban | 170730 (80.4%) | 164832 (80.5%) | 5898 (77.2%) |  |
| Income |  |  |  | <0.001 |
| <20,000 | 42208 (19.9%) | 41153 (20.1%) | 1055 (13.8%) |  |
| 20,000-49,999 | 66206 (31.2%) | 63897 (31.2%) | 2309 (30.2%) |  |
| 50,000-74,999 | 33270 (15.7%) | 31960 (15.6%) | 1310 (17.2%) |  |
| 75,000+ | 70727 (33.3%) | 67766 (33.1%) | 2961 (38.8%) |  |
| Insurance |  |  |  | <0.001 |
| Private | 135119 (63.6%) | 129717 (63.3%) | 5402 (70.8%) |  |
| Public | 46079 (21.7%) | 44212 (21.6%) | 1867 (24.5%) |  |
| Uninsured | 24861 (11.7%) | 24572 (12.0%) | 289 (3.8%) |  |
| Other | 6352 (3.0%) | 6275 (3.1%) | 77 (1.0%) |  |
| Health Status |  |  |  | <0.001 |
| Excellent | 48768 (23.0%) | 47756 (23.3%) | 1012 (13.3%) |  |
| Very Good | 80056 (37.7%) | 77700 (37.9%) | 2356 (30.9%) |  |
| Fair | 20177 (9.5%) | 18931 (9.2%) | 1246 (16.3%) |  |
| Good | 59511 (28.0%) | 56989 (27.8%) | 2522 (33.0%) |  |
| Poor | 3869 (1.8%) | 3371 (1.6%) | 498 (6.5%) |  |
| Unknown | 30 (0.0%) | 29 (0.0%) | 1 (0.0%) |  |

**Supplementary Table 2: Baseline characteristics of respondents with cancer diagnosis**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Characteristic** | **All respondents (N=7635)** | **Non-Recent Cancer History (N=6149)** | **Recent Cancer History (N=1486)** | **p** |
| Year |  |  |  | 0.1 |
| 2015 | 1550 (20.3%) | 1259 (20.5%) | 291 (19.6%) |  |
| 2016 | 1508 (19.8%) | 1244 (20.2%) | 264 (17.8%) |  |
| 2017 | 1468 (19.2%) | 1173 (19.1%) | 295 (19.9%) |  |
| 2018 | 1581 (20.7%) | 1245 (20.2%) | 336 (22.6%) |  |
| 2019 | 1528 (20.0%) | 1228 (20.0%) | 300 (20.2%) |  |
| Age |  |  |  | <0.001 |
| 18-34 | 884 (11.6%) | 743 (12.1%) | 141 (9.5%) |  |
| 35-64 | 3604 (47.2%) | 2935 (47.7%) | 669 (45.0%) |  |
| 65+ | 3147 (41.2%) | 2471 (40.2%) | 676 (45.5%) |  |
| Sex |  |  |  | <0.001 |
| Female | 4804 (62.9%) | 3996 (65.0%) | 808 (54.4%) |  |
| Male | 2831 (37.1%) | 2153 (35.0%) | 678 (45.6%) |  |
| Race and Ethnicity |  |  |  | 0.022 |
| Hispanic | 510 (6.7%) | 407 (6.6%) | 103 (6.9%) |  |
| Non-Hispanic Black | 462 (6.1%) | 348 (5.7%) | 114 (7.7%) |  |
| Non-Hispanic White | 6234 (81.7%) | 5040 (82.0%) | 1194 (80.3%) |  |
| Other | 429 (5.6%) | 354 (5.8%) | 75 (5.0%) |  |
| Marital Status |  |  |  | 0.585 |
| Married | 873 (56.3%) | 700 (11.4%) | 173 (11.6%) |  |
| Divorced/Separated | 271 (17.5%) | 227 (3.7%) | 44 (3.0%) |  |
| Widowed | 191 (12.3%) | 155 (2.5%) | 36 (2.4%) |  |
| Never Married | 215 (13.9%) | 177 (2.9%) | 38 (2.6%) |  |
| Highest Education |  |  |  | 0.01 |
| <High School | 632 (8.3%) | 479 (7.8%) | 153 (10.3%) |  |
| High School Graduate | 1736 (22.7%) | 1389 (22.6%) | 347 (23.4%) |  |
| Some college or associates degree | 2472 (32.4%) | 2010 (32.7%) | 462 (31.1%) |  |
| College graduate | 2795 (36.6%) | 2271 (36.9%) | 524 (35.3%) |  |
| Working Status |  |  |  | <0.001 |
| Full-Time | 2705 (35.4%) | 2255 (36.7%) | 450 (30.3%) |  |
| Part-Time | 1020 (13.4%) | 836 (13.6%) | 184 (12.4%) |  |
| Unemployed | 184 (2.4%) | 155 (2.5%) | 29 (2.0%) |  |
| Other | 3726 (48.8%) | 2903 (47.2%) | 823 (55.4%) |  |
| Setting |  |  |  | 0.701 |
| Rural | 1737 (22.8%) | 1405 (22.8%) | 332 (22.3%) |  |
| Urban | 5898 (77.2%) | 4744 (77.2%) | 1154 (77.7%) |  |
| Income |  |  |  | <0.001 |
| <20,000 | 1055 (13.8%) | 802 (13.0%) | 253 (17.0%) |  |
| 20,000-49,999 | 2309 (30.2%) | 1851 (30.1%) | 458 (30.8%) |  |
| 50,000-74,999 | 1310 (17.2%) | 1064 (17.3%) | 246 (16.6%) |  |
| 75,000+ | 2961 (38.8%) | 2432 (39.6%) | 529 (35.6%) |  |
| Insurance |  |  |  | <0.001 |
| Private | 5402 (70.8%) | 4400 (71.6%) | 1002 (67.4%) |  |
| Public | 1867 (24.5%) | 1434 (23.3%) | 433 (29.1%) |  |
| Uninsured | 289 (3.8%) | 249 (4.0%) | 40 (2.7%) |  |
| Other | 77 (1.0%) | 66 (1.1%) | 11 (0.7%) |  |
| Health Status |  |  |  | <0.001 |
| Excellent | 1012 (13.3%) | 880 (14.3%) | 132 (8.9%) |  |
| Very Good | 2356 (30.9%) | 1992 (32.4%) | 364 (24.5%) |  |
| Fair | 1246 (16.3%) | 915 (14.9%) | 331 (22.3%) |  |
| Good | 2522 (33.0%) | 2043 (33.2%) | 479 (32.2%) |  |
| Poor | 498 (6.5%) | 318 (5.2%) | 180 (12.1%) |  |
| Unknown | 1 (0.0%) | 1 (0.0%) | 0 (0.0%) |  |
| Bladder Cancer | 188 (2.5%) | 146 (2.4%) | 42 (2.8%) | 0.241 |
| Leukemia/Lymphoma | 646 (8.5%) | 468 (7.6%) | 178 (12.0%) | <0.001 |
| Breast Cancer | 1485 (19.4%) | 1272 (20.7%) | 213 (14.3%) | <0.001 |
| Cervical Cancer | 643 (8.4%) | 576 (9.4%) | 67 (4.5%) | <0.001 |
| Colorectal Cancer | 405 (5.3%) | 329 (5.4%) | 76 (5.1%) | 0.394 |
| Esophageal/Gastric Cancer | 76 (1.0%) | 60 (1.0%) | 16 (1.1%) | 0.387 |
| Gallbladder/Hepatic/Pancreatic Cancer | 98 (1.3%) | 60 (1.0%) | 38 (2.6%) | <0.001 |
| Kidney Cancer | 167 (2.2%) | 139 (2.3%) | 28 (1.9%) | 0.286 |
| Larynx/Lung Cancer | 212 (2.8%) | 149 (2.4%) | 63 (4.2%) | <0.001 |
| Melanoma | 679 (8.9%) | 554 (9.0%) | 125 (8.4%) | 0.333 |
| Head and Neck Cancer | 106 (1.4%) | 84 (1.4%) | 22 (1.5%) | 0.388 |
| Ovarian Cancer | 845 (11.1%) | 635 (10.3%) | 210 (14.1%) | 0.183 |
| Non-Melanoma Skin Cancer | 1185 (15.5%) | 852 (13.9%) | 333 (22.4%) | <0.001 |
| Unknown Skin Cancer | 415 (5.4%) | 311 (5.1%) | 104 (7.0%) | 0.004 |
| Thyroid Cancer | 357 (4.7%) | 311 (5.1%) | 46 (3.1%) | 0.003 |
| Uterus Cancer | 299 (3.9%) | 268 (4.4%) | 31 (2.1%) | <0.001 |
| Other Cancer | 575 (7.5%) | 423 (6.9%) | 152 (10.2%) | <0.001 |
|  |  |  |  |  |