Table S1. Detailed Description of Participant Characteristics and Outcome Events by Social Support Level

|  | **Perceived Social Support Tertiles** | Total Sample |
| --- | --- | --- |
|  | Low (9-33) | Middle (34-40) | High (41-45) |  |
| Participants, na | 30,394 | 31,077 | 31,244 | 92,715 |
| Self-reported cardiovascular disease prior to study entry, n (%) No Yes Unknown | 23,318 (79)6,332 (21)744 | 24,748 (81)5,735 (19)594 | 25,355 (83)5,285 (17)605 | 73,421 (81)17,351 (19) |
| Diagnosed with cardiovascular disease after study entry, n (%) No Yes | 28,596 (94)1,798 (6) | 29,622 (95)1,455 (5) | 29,931 (96)1,313 (4) | 88,149 (95)4,566 (5) |
| Diagnosed with CHD (MIb or death from coronary causes) after study entry, n (%) No Yes | 29,439 (97)955 (3) | 30,306 (98)771 (2) | 30,512 (98)732 (2) | 90,257 (97)2,458 (3) |
| Died (all cause), n (%) No Yes | 27,895 (92)2,499 (8) | 29,132 (94)1,945 (6) | 29,479 (94)1,765 (6) | 86,506 (93)6,209 (7) |
| Age at screening Mean (SD) Unknown | 64.2 (7.5)1 | 63.4 (7.3)4 | 63.3 (7.2)1 | 63.6 (7.4) |
| Education, n (%) None 1–4 years 5-8 years 9-11 years H.S. diploma or GED Vocational Some college or associate degree College graduate Some post-graduate Master’s degree Doctoral degree Unknown | 37 (0.1)179 (0.6)540 (2)1,320 (4)4,889 (16)3,224 (11)8,264 (27)3,155 (11)3,334 (11)4,364 (15)826 (3)262 | 21 (0.07)79 (0.3)298 (1)1,006 (3)4,803 (16)2,938 (10)8,173 (27)3601 (12)3,835 (13)5,176 (17)885 (3)262 | 18 (0.06)69 (0.2)243 (0.8)883 (3)5,260 (17)2,850 (9)8,136 (26)3,837 (1)3,778 (12)5,092 (16)852 (3)226 | 76 (0.08)327 (0.4)1,081 (1)3,209 (4)14,952 (16)9,012 (10)24,573 (27)10,593 (12)10947 (12)14,632 (16)2,563 (3) |
| Race, n (%) American Indian or Alaskan Native Asian or Pacific Islander Black or African-American Hispanic/Latino White (not of Hispanic origin) Other Unknownc | 181 (0.6)899 (3)2,960 (10)1,559 (5)24,258 (80)436 (1)101 | 131 (0.4)950 (3)2,502 (8)987 (3)26,110 (84)325 (1)72 | 98 (0.3)787 (3)2,004 (6)908 (3)27,087 (87)277 (1)83 | 410 (0.4)2,636 (3)7,466 (8)3,454 (4)77,455 (84)1038 (1) |
| Income, n (%) < $10,000 $10,000-$19,999 $20,000-$34,999 $35,000-$49,999 $50,000-$74,999 $75,000-$99,999 $100,000-$149,999 > $150,000 Don’t know or Unknown d  | 2,152 (7)4,791 (16)7,710 (27)5,485 (19)4,505 (15)1,732 (6)1,159 (4)614 (2)2,246 | 988 (3)2,969 (10)6,645 (22)6,042 (20)6,112 (21)2,859 (10)2,115 (7)1,213 (4)2,134 | 668 (2)2,178 (7)5,682 (19)5,786 (19)6,752 (23)3,543 (12)2,722 (9)1,551 (5)2,362 | 3,808 (4)9,938 (11)20,037 (23)17,313 (20)17,369 (20)8,134 (9)5,996 (7)3,378 (4) |
| Marital Status, n (%) Never married Divorced or separated Widowed Presently married Marriage-like relationship Unknown | 2,065 (7)7,396 (25)7,717 (26)12,727 (42)317 (1)172 | 1,445 (5)4,474 (15)5,203 (17)19,297 (62)503 (2)155 | 827 (3)2,635 (9)3,147 (10)23,844 (77)677 (2)114 | 4,337 (5)14,505 (16)16,067 (17)55,868 (61)1,497 (2) |
| Body Mass Index, n (%) Underweight (< 18.5) Normal (18.5-24.9) Overweight (25.0-29.9) Obesity I (30.0-34.9) Obesity II (35.0-39.9) Extreme Obesity III (>=40) Unknown  | 389 (1)10,894 (36)10,080 (34)5,186 (17)2,118 (7)1,345 (5)382 | 353 (1)12,574 (41)10,350 (34)4,705 (15)1,706 (6)1,044 (3)345 | 356 (1)12,926 (42)10,710 (35)4,501 (15)1,544 (5)851 (3)356 | 1,098 (1)36,394 (40)31,140 (34)14,392 (16)5,368 (6)3,240 (4) |
| Waist/Hip Ratio  Mean (SD) Unknown | .815 (.08)170 | .804 (0.08)176 | .801 (0.08)156 | 0.81 (0.08) |
| Smoking Status, n (%) Never Smoked Past Smoker Current Smoker Unknown | 14,592 (49)12,957 (43)2,356 (8)489 | 15,675 (51)13,219 (43)1,809 (6)374 | 16,336 (53)13,041 (42)1,548 (5)319 | 46,603 (51)39,217 (43)5,713 (6) |
| METSe per Week, n (%) < 1.80 1.80 – 6.99 7.00-13.17 13.18-23.17 > 23.17 Unknown | 6,919 (23)6,552 (22)6,074 (20)5,449 (18)5,083 (17)317 | 5,633 (18)6,299 (21)6,398 (21)6,359 (21)6,106 (20)282 | 5,278 (17)5,838 (19)6,137 (21)6,474 (21)7,220 (23)297 | 17,830 (19)18,689 (20)18,609 (20)18,282 (20)18,409 (2) |
| Alcohol Servings per week Mean (SD) Unknown | 2.20 (6.1)82 | 2.54 (5.1)66 | 2.77 (5.3)55 | 2.51 (5.2) |
| Hormone Therapy, n (%) Never used hormones Past hormone user Current hormone user Unknown | 9,828 (33)6,847 (23)13,202 (44)517 | 8,934 (29)6,448 (21)15,157 (50)538 | 8,954 (29)5,987 (20)15,700 (51)603 | 27,716 (30)19,282 (21)44,059 (48) |
| Early menopause, n (%) No Yes Unknown | 20,055 (70)8,790 (31)1,549 | 21,546 (72)8,341 (28)1,190 | 21,737 (72)8,403 (28)1,104 | 63,338 (71)25,534 (29) |
| Percent Calories from SFA Mean (SD) Unknown | 10.2 (3.4)1,497 | 10.0 (3.3)1,044 | 9.8 (3.3)1,057 | 10 (3.3) |
| Dietary Total Trans Fatty Acid (g) Mean (SD)  Unknown | 3.9 (2.9)1,497 | 3.8 (2.7)1,044 | 3.6 (2.6)1,057 | 3.8 (2.8) |
| Dietary Total Sugars (g) Mean (SD)  Unknown | 100.5 (47.8)1,497 | 99.9 (44.3)1,044 | 99.4 (44)1,057 | 99.9 (45.4) |
| Fruits and Vegetables, median servings/day Mean (SD)  Unknown | 4.2 (2.2)1,497 | 4.4 (2.2)1,044 | 4.5 (2.2)1,057 | 4.4 (2.2) |
| Parent with MI before age 55, n (%)f No Yes Unknown | 19,473 (88)2,546 (12)8,375 | 20,812 (89)2,567 (11)7,698 | 21,313 (89)2,614 (11)7,317 | 61,598 (89)7,727 (11) |
| Emotional Well-Being Mean (SD)  Unknown | 72 (16.5)533 | 79.6 (13)360 | 84 (11.6)297 | 78.6 (14.7) |
| Hypertension, n (%) Never hypertensive Untreated hypertensive Treated hypertensive Unknown | 18,812 (63)2,762 (9)8,223 (28)597 | 20,579 (67)2,263 (7)7,722 (25)513 | 21,281 (69)2,208 (7)7,265 (24)490 | 60,672 (67)7,233 (8)23,210 (26) |
| Systolic blood pressure Mean (SD) Unknown | 127.5 (18.1)597 | 126.5 (17.9)513 | 126.8 (17.9)490 | 126.9 (18) |
| Treated for high cholesterol, n (%) No Yes Unknown | 24,855 (84)4,840 (16)699 | 25,994 (85)4,442 (15)641 | 26,295 (86)4,322 (14)627 | 77,144 (85)13,604 (15) |
| Treated for diabetes, n (%) No Yes Unknown | 28,674 (95)1,676 (6)44 | 29,885 (96)1,154 (4)38 | 30,208 (97)1,000 (3)36 | 88,767 (96)3,830 (4) |

aIncludes participants with prior CVD (n=17,351), without prior CVD (n=73,421) and unknown prior CVD status (n=1,943)

bMyocardial infarction

cCombined with “other” in statistical analyses.

dCombined with $20,000 to $34,999 (most common group) in statistical analyses.

eMetabolic equivalents

fThis variable was included here for descriptive purposes but not included in analyses because of missing data.