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.