**Supplementary Table 1. Age-standardized participant characteristics according to total duration of statin use in the NHS**a

| **NHS** | **Total Duration of Statin Use (Years)** |
| --- | --- |
| **0** | **1 to 5** | **6 to 10** | **11 to 15** | **>15** |
| Age, years | 67.0 (9.0) | 70.9 (8.0) | 73.6 (7.3) | 76.3 (6.7) | 78.6 (6.4) |
| White, % | 96.9 | 96.8 | 97.5 | 97.8 | 98.0 |
| Body mass index b, kg/m² | 26.1 (5.3) | 27.5 (5.5) | 27.7 (5.5) | 27.6 (5.6) | 27.2 (5.1) |
| Physical activity c, METs-hours/week | 18.4 (23.4) | 16.7 (22.7) | 16.8 (22.0) | 17.0 (21.8) | 15.5 (18.3) |
| Past smoking, % | 45.8 | 48.3 | 49.8 | 51.1 | 52.5 |
| Current smoking, % | 8.9 | 8.2 | 7.2 | 5.8 | 4.8 |
| Pack-years of smoking d | 12.9 (20.0) | 13.9 (20.4) | 13.4 (19.6) | 13.2 (19.1) | 13.1 (17.8) |
| Type 2 diabetes, % | 5.8 | 14.2 | 17.0 | 20.4 | 23.7 |
| Hypercholesterolemia, % | 41.0 | 92.6 | 97.9 | 99.4 | 99.8 |
| Family history of colorectal cancer, % | 16.0 | 16.2 | 16.4 | 16.7 | 17.5 |
| Screening colonoscopy or sigmoidoscopy, % | 38.4 | 47.9 | 57.8 | 67.4 | 75.2 |
| Polyps, % | 7.6 | 7.8 | 8.9 | 9.9 | 10.1 |
| Menopausal hormone use, % | 66.0 | 71.5 | 75.4 | 76.4 | 77.8 |
| Cumulative average dose of aspirin use, tablets/week  | 2.6 (3.2) | 3.0 (3.0) | 3.1 (2.7) | 3.0 (2.3) | 3.0 (2.0) |
| Multivitamin use, % | 51.4 | 56.7 | 64.8 | 69.2 | 70.8 |
| Total folate intake, ug/day | 624 (297) | 664 (312) | 732 (320) | 760 (322) | 761 (298) |
| Total vitamin D, IU/day | 529 (405) | 567 (434) | 660 (501) | 769 (549) | 923 (591) |
| Total calcium intake, mg/day | 1300 (596) | 1339 (621) | 1448 (639) | 1530 (626) | 1587 (598) |
| AHEI | 51.5 (10.6) | 52.1 (10.8) | 53.3 (11.3) | 54.7 (11.1) | 56.7 (10.0) |
| Alcohol, g/day | 5.0 (9.4) | 4.6 (9.1) | 4.9 (9.5) | 4.9 (9.3) | 4.7 (8.7) |
| Red or processed meat, servings/week | 4.4 (3.1) | 4.4 (3.3) | 4.6 (3.4) | 4.6 (3.3) | 4.4 (3.0) |
| Total fiber, g/day | 19.6 (5.6) | 19.9 (5.7) | 20.2 (5.8) | 20.3 (5.5) | 20.6 (5.2) |
| Total calorie intake, kcal/day | 1703 (503) | 1665 (522) | 1645 (542) | 1614 (532) | 1578 (485) |

Abbreviations: NHS, Nurses’ Health Study; kg, kilogram; m, meter; METs, metabolic equivalent tasks; ug, microgram; IU, international unit; mg, milligram; AHEI, Alternate Healthy Eating Index score; g, gram; kcal, kilocalorie.

a Updated information throughout follow-up (NHS: 1994-2016) was used to calculate the mean (SD) for continuous variables and percentage for categorical variables. All variables are age-standardized except age.

b Body mass index was calculated as weight in kilograms divided by the square of height in meters.

c Weekly energy expenditure in MET-hours/week from recreational and leisure time physical activity.

d Cumulative among smokers.