**Supplementary Table 2. Age-standardized participant characteristics according to total duration of statin use in the HPFS**a

| **HPFS** | **Total Duration of Statin Use (Years)** |
| --- | --- |
| **0** | **1 to 5** | **6 to 10** | **11 to 15** | **>15** |
| Age, years | 65.0 (10.8) | 69.7 (9.5) | 72.4 (8.7) | 74.9 (8.1) | 76.7 (7.6) |
| White, % | 95.6 | 95.5 | 95.9 | 96.5 | 96.4 |
| Body mass index b, kg/m² | 25.9 (3.8) | 26.5 (3.9) | 26.7 (3.8) | 26.7 (3.7) | 26.6 (3.5) |
| Physical activity c, METs-hours/week | 31.8 (32.4) | 31.4 (31.1) | 32.2 (31.7) | 31 (30.2) | 30.8 (29.5) |
| Past smoking, % | 41.1 | 44.6 | 44.8 | 45.1 | 45.6 |
| Current smoking, % | 6.0 | 4.0 | 3.4 | 2.3 | 2.0 |
| Pack-years of smoking d | 14.3 (35.5) | 16.2 (42.9) | 18.4 (54.1) | 23.3 (65.4) | 33.8 (83.9) |
| Type 2 diabetes, % | 3.1 | 8.2 | 10.0 | 11.9 | 13.9 |
| Hypercholesterolemia, % | 32.1 | 86.7 | 94.0 | 96.8 | 98.4 |
| Hypertriglyceridemia, % | 9.9 | 36.6 | 40.1 | 43.3 | 47.8 |
| Family history of colorectal cancer, % | 13.7 | 13.3 | 12.8 | 13.2 | 12.5 |
| Screening colonoscopy or sigmoidoscopy, % | 44.0 | 59.2 | 69.3 | 80.5 | 88.1 |
| Polyps, % | 10.9 | 11.2 | 11.4 | 11.6 | 11.2 |
| Cumulative average dose of aspirin use, tablets/week  | 2.0 (2.4) | 2.4 (2.4) | 2.7 (2.7) | 2.6 (2) | 2.7 (1.7) |
| Multivitamin use, % | 45.2 | 54.2 | 59.5 | 64.6 | 64.9 |
| Total folate intake, ug/day | 652 (325) | 738 (370) | 785 (375) | 846 (357) | 862 (339) |
| Total vitamin D, IU/day | 489 (344) | 536 (392) | 569 (432) | 626 (470) | 685 (510) |
| Total calcium intake, mg/day | 1017 (454) | 1071 (508) | 1106 (524) | 1164 (521) | 1213 (514) |
| AHEI | 50.4 (10.5) | 52.2 (10.7) | 53.3 (11.0) | 54.6 (10.7) | 55.8 (10.0) |
| Alcohol, g/day | 11.0 (15.0) | 11.2 (14.7) | 12.2 (15.1) | 12.7 (15.1) | 13.4 (15.1) |
| Red or processed meat, servings/week | 6.1 (4.4) | 5.6 (4.4) | 5.7 (4.5) | 5.6 (4.1) | 5.8 (3.9) |
| Total fiber, g/day | 23.4 (7.0) | 24.1 (7.2) | 24.1 (7.2) | 24.4 (6.8) | 24.8 (6.5) |
| Total calorie intake, kcal/day | 1996 (637) | 1936 (635) | 1950 (634) | 1930 (599) | 1952 (582) |

Abbreviations: HPFS, Health Professionals Follow-up 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 (HPFS: 1990-2014) 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.