

Table 3.3
Verified Outcomes (Annualized Percentages) by Race/Ethnicity for Dietary Modification Participants

Data as of: September 30, 2015; Events through September 30, 2010

Outcome	Race/Ethnicity					
	American Indian/Alaskan Native	Asian/Pacific Islander	Black/African American	Hispanic/Latino	White	Unknown
Number randomized	202	1105	5262	1845	39762	659
Mean follow-up (months)	138.6	143.5	140.3	133.2	150.4	138.5
Cancer						
Breast cancer	7 (0.30%)	74 (0.56%)	280 (0.46%)	77 (0.38%)	2765 (0.55%)	35 (0.46%)
Invasive breast cancer	5 (0.21%)	56 (0.42%)	213 (0.35%)	62 (0.30%)	2257 (0.45%)	29 (0.38%)
Non-invasive breast cancer	2 (0.09%)	19 (0.14%)	71 (0.12%)	17 (0.08%)	545 (0.11%)	7 (0.09%)
Ovarian cancer	1 (0.04%)	7 (0.05%)	22 (0.04%)	10 (0.05%)	238 (0.05%)	3 (0.04%)
Endometrial cancer ¹	0 (0.00%)	5 (0.04%)	29 (0.05%)	9 (0.04%)	412 (0.08%)	6 (0.08%)
Colorectal cancer	5 (0.21%)	13 (0.10%)	91 (0.15%)	22 (0.11%)	645 (0.13%)	10 (0.13%)
Other cancer ²	7 (0.30%)	50 (0.38%)	266 (0.43%)	70 (0.34%)	3001 (0.60%)	42 (0.55%)
Total cancer	18 (0.77%)	139 (1.05%)	646 (1.05%)	174 (0.85%)	6669 (1.34%)	88 (1.16%)
Cardiovascular						
CHD ³	4 (0.17%)	28 (0.21%)	246 (0.40%)	42 (0.21%)	1965 (0.39%)	30 (0.39%)
CHD death ⁴	0 (0.00%)	6 (0.05%)	109 (0.18%)	15 (0.07%)	613 (0.12%)	14 (0.18%)
Total MI ⁵	4 (0.17%)	25 (0.19%)	168 (0.27%)	32 (0.16%)	1535 (0.31%)	22 (0.29%)
Clinical MI	4 (0.17%)	25 (0.19%)	163 (0.26%)	31 (0.15%)	1490 (0.30%)	21 (0.28%)
Angina WHI ⁶	7 (0.43%)	18 (0.20%)	213 (0.50%)	50 (0.34%)	1320 (0.40%)	22 (0.42%)
CABG/PTCA	8 (0.34%)	24 (0.18%)	247 (0.40%)	62 (0.30%)	2300 (0.46%)	24 (0.32%)
Carotid artery disease	2 (0.09%)	1 (0.01%)	31 (0.05%)	4 (0.02%)	400 (0.08%)	6 (0.08%)
Congestive heart failure, WHI ⁶	2 (0.12%)	10 (0.11%)	178 (0.41%)	31 (0.21%)	933 (0.28%)	16 (0.31%)
Stroke	6 (0.26%)	28 (0.21%)	242 (0.39%)	44 (0.21%)	1485 (0.30%)	26 (0.34%)
PVD	3 (0.13%)	3 (0.02%)	76 (0.12%)	6 (0.03%)	304 (0.06%)	6 (0.08%)
Coronary disease ⁷	17 (0.73%)	61 (0.46%)	620 (1.01%)	127 (0.62%)	4308 (0.86%)	63 (0.83%)
Total cardiovascular disease	27 (1.16%)	91 (0.69%)	875 (1.42%)	176 (0.86%)	5974 (1.20%)	90 (1.18%)
Fractures						
Hip fracture	2 (0.09%)	11 (0.08%)	28 (0.05%)	15 (0.07%)	982 (0.20%)	9 (0.12%)
Deaths						
Cardiovascular deaths	4 (0.17%)	18 (0.14%)	224 (0.36%)	31 (0.15%)	1260 (0.25%)	18 (0.24%)
Cancer deaths	8 (0.34%)	27 (0.20%)	187 (0.30%)	54 (0.26%)	1818 (0.36%)	31 (0.41%)
Other known cause	11 (0.47%)	12 (0.09%)	133 (0.22%)	32 (0.16%)	1118 (0.22%)	15 (0.20%)
Unknown cause	0 (0.00%)	2 (0.02%)	6 (0.01%)	0 (0.00%)	24 (<0.01%)	0 (0.00%)
Total death	23 (0.99%)	59 (0.45%)	550 (0.89%)	117 (0.57%)	4220 (0.85%)	64 (0.84%)
Death plus post-WHI deaths⁸	34 (1.27%)	86 (0.58%)	728 (1.03%)	154 (0.61%)	5138 (0.95%)	89 (1.02%)

¹ Only women without a baseline hysterectomy are used to compute the annual rates of endometrial cancer.

² Only one report of "other cancer" is counted per woman; however, the first of each type is adjudicated. Excludes non-melanoma skin cancer.

³ "CHD" includes clinical MI, evolving Q-wave MI, and CHD death; evolving Q-wave MI is not collected in the WHI Extension Study 2005-2010.

⁴ "CHD death" includes definite and possible CHD death.

⁵ "Total MI" includes clinical MI and evolving Q-wave MI; evolving Q-wave MI is not collected in the WHI Extension Study 2005-2010.

⁶ Angina and CHF are not verified outcomes during the WHI Extension Study 2005-2010. Reported statistics represent experience during the original program.

⁷ "Coronary disease" includes clinical MI, evolving Q-wave MI, possible evolving Q-wave MI, CHD death, angina, congestive heart failure, and CABG/PTCA; Q-wave MI, angina, and CHF are not collected in the WHI Extension Study 2005-2010.

⁸ Includes deaths for non-Extension study participants after the main WHI study close-out. Annualized rates incorporate additional follow-up from the NDI search.