

Table 4.3
Verified Outcomes (Annualized Percentages) by Race/Ethnicity for Calcium and Vitamin D 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	149	721	3315	1502	30155	440
Mean follow-up (months)	131.3	132.6	132.3	126.5	140.5	128.8
Fractures						
Hip fracture	3 (0.18%)	10 (0.13%)	14 (0.04%)	10 (0.06%)	771 (0.22%)	2 (0.04%)
Cancer						
Breast cancer	5 (0.31%)	43 (0.54%)	173 (0.47%)	55 (0.35%)	1885 (0.53%)	21 (0.44%)
Invasive breast cancer	3 (0.18%)	31 (0.39%)	134 (0.37%)	45 (0.28%)	1521 (0.43%)	19 (0.40%)
Non-invasive breast cancer	2 (0.12%)	14 (0.18%)	42 (0.11%)	12 (0.08%)	386 (0.11%)	3 (0.06%)
Ovarian cancer	0 (0.00%)	7 (0.09%)	13 (0.04%)	6 (0.04%)	161 (0.05%)	2 (0.04%)
Endometrial cancer ¹	1 (0.06%)	4 (0.05%)	14 (0.04%)	6 (0.04%)	270 (0.08%)	4 (0.08%)
Colorectal cancer	2 (0.12%)	9 (0.11%)	56 (0.15%)	15 (0.09%)	467 (0.13%)	7 (0.15%)
Other cancer ²	6 (0.37%)	38 (0.48%)	163 (0.45%)	57 (0.36%)	2199 (0.62%)	23 (0.49%)
Total cancer	13 (0.80%)	96 (1.20%)	398 (1.09%)	130 (0.82%)	4719 (1.34%)	55 (1.16%)
Cardiovascular						
CHD ³	5 (0.31%)	14 (0.18%)	161 (0.44%)	37 (0.23%)	1537 (0.44%)	23 (0.49%)
CHD death ⁴	1 (0.06%)	3 (0.04%)	67 (0.18%)	11 (0.07%)	471 (0.13%)	10 (0.21%)
Total MI ⁵	5 (0.31%)	13 (0.16%)	107 (0.29%)	30 (0.19%)	1200 (0.34%)	19 (0.40%)
Clinical MI	5 (0.31%)	13 (0.16%)	104 (0.28%)	29 (0.18%)	1156 (0.33%)	18 (0.38%)
Angina ⁶	3 (0.29%)	11 (0.23%)	119 (0.52%)	43 (0.42%)	927 (0.43%)	14 (0.47%)
CABG/PTCA	5 (0.31%)	19 (0.24%)	153 (0.42%)	61 (0.39%)	1770 (0.50%)	25 (0.53%)
Carotid artery disease	1 (0.06%)	1 (0.01%)	21 (0.06%)	4 (0.03%)	327 (0.09%)	5 (0.11%)
Congestive heart failure, WHI ⁶	2 (0.19%)	7 (0.14%)	103 (0.45%)	29 (0.28%)	656 (0.31%)	9 (0.30%)
Stroke	8 (0.49%)	23 (0.29%)	140 (0.38%)	33 (0.21%)	1135 (0.32%)	22 (0.47%)
PVD	2 (0.12%)	5 (0.06%)	47 (0.13%)	3 (0.02%)	270 (0.08%)	3 (0.06%)
Coronary disease ⁷	11 (0.67%)	38 (0.48%)	383 (1.05%)	112 (0.71%)	3276 (0.93%)	47 (0.99%)
Total cardiovascular disease	19 (1.17%)	62 (0.78%)	541 (1.48%)	150 (0.95%)	4581 (1.30%)	69 (1.46%)
Deaths						
Cardiovascular deaths	3 (0.18%)	13 (0.16%)	136 (0.37%)	25 (0.16%)	954 (0.27%)	15 (0.32%)
Cancer deaths	2 (0.12%)	26 (0.33%)	115 (0.31%)	46 (0.29%)	1325 (0.38%)	18 (0.38%)
Other known cause	8 (0.49%)	9 (0.11%)	81 (0.22%)	19 (0.12%)	870 (0.25%)	8 (0.17%)
Unknown cause	0 (0.00%)	3 (0.04%)	2 (0.01%)	1 (0.01%)	16 (<0.01%)	0 (0.00%)
Total death	13 (0.80%)	51 (0.64%)	334 (0.91%)	91 (0.57%)	3165 (0.90%)	41 (0.87%)
Death plus post-WHI deaths⁸	20 (1.21%)	70 (0.87%)	434 (1.17%)	123 (0.77%)	3821 (1.07%)	61 (1.28%)

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 in 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 congestive heart failure 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.