

Table 3.10
Verified Outcomes (Annualized Percentages) by Race/Ethnicity for OS Participants

Data as of: February 28, 2017; Events through September 30, 2010

Outcomes	Race/Ethnicity					
	American Indian/Alaskan Native	Asian/Pacific Islander	Black/African American	Hispanic/ Latina	White	Unknown
Number enrolled	421	2671	7635	3609	78016	1324
Mean follow-up (months)	120.0	121.7	118.2	113.5	140.4	127.9
Cardiovascular						
CHD ¹	23 (0.55%)	62 (0.23%)	370 (0.49%)	82 (0.24%)	3628 (0.40%)	59 (0.42%)
CHD death ²	13 (0.31%)	25 (0.09%)	186 (0.25%)	27 (0.08%)	1303 (0.14%)	22 (0.16%)
Clinical MI	13 (0.31%)	44 (0.16%)	227 (0.30%)	63 (0.18%)	2699 (0.30%)	43 (0.30%)
Angina ³	18 (0.58%)	40 (0.20%)	250 (0.44%)	80 (0.31%)	2412 (0.39%)	34 (0.34%)
CABG/PTCA	23 (0.55%)	57 (0.21%)	287 (0.38%)	123 (0.36%)	4053 (0.44%)	65 (0.46%)
Carotid artery disease	5 (0.12%)	9 (0.03%)	40 (0.05%)	16 (0.05%)	760 (0.08%)	13 (0.09%)
Congestive heart failure, WHI ³	16 (0.52%)	22 (0.11%)	233 (0.41%)	42 (0.16%)	1948 (0.31%)	34 (0.34%)
Stroke	14 (0.33%)	75 (0.28%)	272 (0.36%)	65 (0.19%)	2874 (0.31%)	56 (0.40%)
PVD	3 (0.07%)	6 (0.02%)	88 (0.12%)	8 (0.02%)	722 (0.08%)	13 (0.09%)
Coronary disease ⁴	53 (1.26%)	125 (0.46%)	783 (1.04%)	217 (0.64%)	7836 (0.86%)	121 (0.86%)
Total cardiovascular disease	67 (1.59%)	210 (0.78%)	1117 (1.49%)	296 (0.87%)	11272 (1.23%)	191 (1.35%)
Cancer						
Breast cancer	17 (0.40%)	126 (0.47%)	376 (0.50%)	138 (0.40%)	5332 (0.58%)	62 (0.44%)
Invasive breast cancer	16 (0.38%)	106 (0.39%)	302 (0.40%)	108 (0.32%)	4420 (0.48%)	53 (0.38%)
Non-invasive breast cancer	1 (0.02%)	22 (0.08%)	80 (0.11%)	32 (0.09%)	966 (0.11%)	10 (0.07%)
Ovarian cancer	1 (0.02%)	6 (0.02%)	28 (0.04%)	18 (0.05%)	508 (0.06%)	3 (0.02%)
Endometrial cancer ⁵	1 (0.05%)	12 (0.07%)	28 (0.08%)	12 (0.06%)	763 (0.14%)	15 (0.18%)
Colorectal cancer	4 (0.09%)	28 (0.10%)	124 (0.16%)	29 (0.08%)	1156 (0.13%)	14 (0.10%)
Other cancer ⁶	23 (0.55%)	116 (0.43%)	376 (0.50%)	116 (0.34%)	5916 (0.65%)	91 (0.64%)
Total cancer	45 (1.07%)	274 (1.01%)	883 (1.17%)	307 (0.90%)	12838 (1.41%)	175 (1.24%)
Fractures						
Hip fracture	5 (0.12%)	21 (0.08%)	47 (0.06%)	19 (0.06%)	2086 (0.23%)	21 (0.15%)
Deaths						
Cardiovascular deaths	23 (0.55%)	68 (0.25%)	360 (0.48%)	72 (0.21%)	2948 (0.32%)	53 (0.38%)
Cancer deaths	13 (0.31%)	86 (0.32%)	343 (0.46%)	96 (0.28%)	3935 (0.43%)	48 (0.34%)
Other known cause	25 (0.59%)	47 (0.17%)	245 (0.33%)	90 (0.26%)	2645 (0.29%)	35 (0.25%)
Unknown cause	0 (0.00%)	2 (0.01%)	7 (0.01%)	8 (0.02%)	56 (0.01%)	1 (0.01%)
Total death	61 (1.45%)	203 (0.75%)	955 (1.27%)	266 (0.78%)	9584 (1.05%)	137 (0.97%)
Death plus post-WHI deaths⁷	93 (1.77%)	317 (0.90%)	1403 (1.45%)	419 (0.90%)	12707 (1.25%)	225 (1.32%)

¹ "CHD" includes clinical MI and CHD death.

² "CHD death" includes definite and possible CHD death.

³ Angina and CHF are not verified outcomes in the WHI Extension Study 2005-2010. Reported statistics represent experience during the original program.

⁴ "Coronary disease" includes clinical MI, CHD death, angina, congestive heart failure, and CABG/PTCA; angina and congestive heart failure were not collected in the WHI Extension Study 2005-2010.

⁵ Only women without a baseline hysterectomy are used to compute the annual rates of endometrial cancer.

⁶ Only one report of "other cancer" is counted per woman; however, the first of each type is adjudicated. Excludes non-melanoma skin.

⁷ Includes deaths for non-Extension study participants after the main WHI study close-out. Annualized rates incorporate additional follow-up from the NDI search.