

APPENDIX TABLE 9. Baseline medical history status of WHI Calcium and Vitamin D participants by race/ethnicity

Medical History	Race/Ethnicity																	
	American Indian (N = 149)			Asian/Pacific Islander (N = 722)			Black (N = 3317)			Hispanic (N = 1507)			White (N = 30,153)			Total ^a (N = 36,282)		
	N	%	Mean ± SD	N	%	Mean ± SD	N	%	Mean ± SD	N	%	Mean ± SD	N	%	Mean ± SD	N	%	Mean ± SD
Hysterectomy ^b																		
No	65	43.6		469	65.0		1432	43.2		827	54.9		18,120	60.1		21,162	58.3	
Yes	84	56.4		253	35.0		1885	56.8		680	45.1		12,032	39.9		15,120	41.7	
Age at hysterectomy (y)																		
Not hysterectomized	65	43.9		469	65.1		1432	43.3		827	55.0		18,120	60.2		21,161	58.5	
<40	32	21.6		75	10.4		859	26.0		282	18.8		4081	13.6		5404	14.9	
40–49	41	27.7		117	16.3		811	24.5		299	19.9		5239	17.4		6588	18.2	
50+	10	6.8		59	8.2		202	6.1		95	6.3		2655	8.8		3050	8.4	
Age at menopause (y)																		
<40	29	22.7		49	7.1		493	16.8		144	10.8		2512	9.0		3276	9.8	
40–49	51	39.8		265	38.5		1192	40.7		550	41.2		10,883	38.8		13,107	39.1	
50+	48	37.5		375	54.4		1244	42.5		640	48.0		14,650	52.2		17,126	51.1	
Bilateral oophorectomy																		
No	107	73.8		571	80.3		2404	77.6		1224	84.5		24,070	81.4		28,705	81.1	
Yes	38	26.2		140	19.7		692	22.4		225	15.5		5514	18.6		6696	18.9	
Ever pregnant																		
No	*	*		87	12.0		238	7.2		109	7.3		2418	8.0		2894	8.0	
Yes	146	98.0		635	88.0		3061	92.8		1391	92.7		27,697	92.0		33,323	92.0	
Age at first birth (y) ^c																		
Never had term pregnancy	*	*		16	2.9		187	7.3		34	3.1		599	2.3		846	2.8	
<20	45	34.9		47	8.5		911	35.6		282	26.0		4111	16.1		5483	18.1	
20–29	72	55.8		400	72.3		1282	50.2		674	62.2		18,777	73.5		21,421	70.9	
30+	10	7.8		90	16.3		176	6.9		93	8.6		2064	8.1		2466	8.2	
Number of live births																		
Never pregnant	*	*		87	12.0		238	7.2		109	7.3		2418	8.1		2894	8.0	
None	*	*		18	2.5		200	6.1		37	2.5		636	2.1		901	2.5	
1	14	9.4		68	9.4		494	15.0		133	8.9		2269	7.6		3028	8.4	
2–4	91	61.1		465	64.4		1770	53.8		884	59.3		19,768	65.8		23,233	64.3	
5+	39	26.2		84	11.6		585	17.8		328	22.0		4937	16.4		6051	16.8	
Number of pregnancies																		
Never pregnant	*	*		87	12.1		238	7.3		109	7.3		2418	8.0		2894	8.0	
1	*	*		47	6.5		315	9.6		93	6.2		1862	6.2		2360	6.5	
2–4	79	53.0		442	61.3		1679	51.2		745	49.9		17,473	58.1		20,627	57.1	
5+	60	40.3		145	20.1		1050	32.0		545	36.5		8318	27.7		10,265	28.4	
Any induced abortions ^c																		
Pregnant, never had abortion	118	90.1		543	90.0		2291	82.3		1048	87.0		24,043	93.2		28,365	91.8	
One or more abortions	13	9.9		60	10.0		494	17.7		157	13.0		1759	6.8		2520	8.2	
Number of months breastfed																		
Never breastfed	62	42.2		278	38.7		1645	50.7		643	43.3		13,857	46.5		16,671	46.5	
1–6	46	31.3		212	29.5		881	27.2		413	27.8		7619	25.5		9293	25.9	
7–12	14	9.5		114	15.9		370	11.4		188	12.7		3438	11.5		4183	11.7	
13–23	11	7.5		66	9.2		198	6.1		132	8.9		2929	9.8		3372	9.4	
24+	14	9.5		49	6.8		150	4.6		109	7.3		1979	6.6		2328	6.5	

(continued)

APPENDIX TABLE 9. *Continued*

Age at tubal ligation (y)													
Never had tubal ligation	113	77.4	547	76.2	2470	75.6	1121	75.1	24,713	82.4	29,305	81.3	
<30	*	*	25	3.5	145	4.4	70	4.7	759	2.5	1021	2.8	
30-34	11	7.5	51	7.1	280	8.6	89	6.0	1498	5.0	1960	5.4	
35-39	*	*	71	9.9	258	7.9	141	9.4	1818	6.1	2326	6.5	
40-44	*	*	20	2.8	105	3.2	59	4.0	1003	3.3	1204	3.3	
45+			*	*	11	0.3	13	0.9	214	0.7	246	0.7	
Age last had any menstrual bleeding (y)													
<40	31	25.6	73	10.7	683	24.4	230	18.5	3327	12.9	4401	14.2	
40-44	20	16.5	99	14.5	501	17.9	198	16.0	3401	13.2	4276	13.8	
45-49	28	23.1	158	23.2	604	21.6	288	23.2	5637	21.9	6807	22.0	
50-54	35	28.9	255	37.4	674	24.1	401	32.3	9108	35.4	10,581	34.2	
55-59	6	5.0	82	12.0	255	9.1	104	8.4	3233	12.6	3724	12.0	
60+	*	*	15	2.2	79	2.8	20	1.6	1010	3.9	1136	3.7	
Current health care provider													
No	12	8.1	45	6.3	318	9.8	354	23.9	2061	6.9	2827	7.9	
Yes	136	91.9	674	93.7	2914	90.2	1126	76.1	27,870	93.1	33,111	92.1	
Mammogram in last 2 y													
No	34	24.8	160	22.9	624	20.2	478	33.7	5812	19.8	7193	20.5	
Yes	103	75.2	538	77.1	2470	79.8	941	66.3	23,530	80.2	27,913	79.5	
Pap smear in last 3 y													
No	9	15.3	76	17.5	170	14.8	150	22.0	2088	13.8	2529	14.3	
Yes	50	84.7	358	82.5	980	85.2	532	78.0	13,077	86.2	15,173	85.7	
Total oral contraceptive duration (y)													
Nonuser	74	49.7	406	56.2	1953	58.9	808	53.6	16,361	54.3	19,856	54.7	
<5	46	30.9	171	23.7	662	20.0	379	25.1	7400	24.5	8761	24.1	
5-<10	16	10.7	73	10.1	350	10.6	178	11.8	3259	10.8	3914	10.8	
10+	13	8.7	72	10.0	352	10.6	142	9.4	3133	10.4	3751	10.3	
History of PHT use ^d													
Never	72	48.3	328	45.4	1979	59.8	796	52.9	13,771	45.7	17,160	47.4	
Past	35	23.5	107	14.8	556	16.8	238	15.8	5110	17.0	6124	16.9	
Current	42	28.2	287	39.8	775	23.4	470	31.3	11,240	37.3	12,956	35.8	
Total PHT duration (y) ^d													
Nonuser	72	48.3	328	45.4	1979	59.7	796	52.8	13,771	45.7	17,160	47.3	
<5	28	18.8	175	24.2	748	22.6	384	25.5	7067	23.4	8502	23.4	
5-<10	20	13.4	103	14.3	261	7.9	155	10.3	3710	12.3	4290	11.8	
10-<15	13	8.7	53	7.3	152	4.6	76	5.0	2521	8.4	2846	7.8	
15+	16	10.7	63	8.7	177	5.3	96	6.4	3084	10.2	3484	9.6	
History of E-alone use ^d													
Never	90	60.4	497	68.8	2256	68.2	1030	68.5	19,735	65.5	23,909	66.0	
Past	31	20.8	82	11.4	464	14.0	168	11.2	4111	13.6	4915	13.6	
Current	28	18.8	143	19.8	590	17.8	306	20.3	6286	20.9	7427	20.5	
Total E-alone duration (y) ^d													
Nonuser	90	60.4	497	68.8	2256	68.0	1030	68.3	19,735	65.4	23,909	65.9	
<5	22	14.8	92	12.7	592	17.8	236	15.7	4407	14.6	5402	14.9	
5-<10	13	8.7	52	7.2	199	6.0	107	7.1	2004	6.6	2396	6.6	
10-<15	9	6.0	28	3.9	127	3.8	55	3.6	1540	5.1	1777	4.9	
15+	15	10.1	53	7.3	143	4.3	79	5.2	2467	8.2	2798	7.7	

History of E + P use ^d																	
Never	124	83.2		518	71.7		2962	89.3		1229	81.6		22,441	74.5		27,606	76.1
Past	10	6.7		60	8.3		165	5.0		110	7.3		2624	8.7		3003	8.3
Current	15	10.1		144	19.9		190	5.7		168	11.1		5066	16.8		5651	15.6
Total E + P duration (y) ^d																	
Nonuser	124	83.2		518	71.7		2962	89.3		1229	81.6		22,441	74.4		27,606	76.1
<5	13	8.7		115	15.9		221	6.7		192	12.7		4249	14.1		4851	13.4
5-<10	7	4.7		58	8.0		81	2.4		50	3.3		2075	6.9		2295	6.3
10-<15	*	*		24	3.3		35	1.1		24	1.6		972	3.2		1072	3.0
15+	*	*		7	1.0		18	0.5		12	0.8		416	1.4		458	1.3
Family history of MI																	
No	63	45.7		426	62.6		1700	56.5		811	57.6		13,384	46.5		16,585	48.2
Yes	75	54.3		254	37.4		1311	43.5		597	42.4		15,413	53.5		17,850	51.8
Family history of breast cancer																	
No	107	77.5		607	87.3		2591	84.5		1263	88.3		23,424	81.8		28,326	82.4
Yes	31	22.5		88	12.7		476	15.5		168	11.7		5208	18.2		6043	17.6
Family history of colorectal cancer																	
No	108	80.0		564	83.7		2392	83.9		1214	89.5		23,196	83.5		27,806	83.8
Yes	27	20.0		110	16.3		458	16.1		142	10.5		4598	16.5		5388	16.2
Family history of stroke																	
No	80	58.0		392	57.3		1843	59.8		927	66.5		17,867	62.5		21,367	62.4
Yes	58	42.0		292	42.7		1237	40.2		466	33.5		10,703	37.5		12,893	37.6
Family history of adult diabetes																	
No	66	48.2		401	59.4		1424	47.9		727	51.5		19,629	68.1		22,506	65.4
Yes	71	51.8		274	40.6		1550	52.1		684	48.5		9211	31.9		11,923	34.6
Parent broke bone after age 40																	
No	87	66.9		460	67.7		2257	79.9		937	68.5		15,951	56.8		19,955	59.6
Yes	43	33.1		219	32.3		568	20.1		430	31.5		12,155	43.2		13,527	40.4
Systolic blood pressure (mm Hg)																	
≤120	3317		131.9 ± 16.9	1507		125.7 ± 16.5	149		129.1 ± 16.6	722		129.5 ± 18.2	30,153		127.0 ± 17.1	36,282	127.5 ± 17.2
>120-140	45	30.2		236	32.7		917	27.6		644	42.7		11,611	38.5		13,592	37.5
>140	72	48.3		313	43.4		1481	44.6		615	40.8		12,621	41.9		15,270	42.1
	32	21.5		173	24.0		919	27.7		248	16.5		5921	19.6		7420	20.5
Diastolic blood pressure (mm Hg)																	
<90	3317		78.7 ± 9.4	1507		75.6 ± 8.9	149		76.1 ± 9.6	722		79.0 ± 9.1	30,147		75.5 ± 8.9	36,276	75.9 ± 9.1
≥90	136	91.3		627	86.8		2850	85.9		1410	93.6		28,182	93.5		33,585	92.6
	13	8.7		95	13.2		467	14.1		97	6.4		1965	6.5		2691	7.4
History of hypertension																	
Never hypertensive	81	60.0		455	64.4		1422	46.6		992	72.5		18,598	68.8		21,773	66.6
Untreated hypertensive	11	8.1		49	6.9		318	10.4		123	9.0		2107	7.8		2644	8.1
Treated hypertensive	43	31.9		203	28.7		1313	43.0		253	18.5		6331	23.4		8279	25.3
Treated diabetes (pills or shots)																	
No	136	91.9		679	94.0		2943	88.8		1411	93.7		29,112	96.6		34,685	95.6
Yes	12	8.1		43	6.0		371	11.2		95	6.3		1031	3.4		1581	4.4
Treated hypercholesterolemia (pills)																	
No	119	88.8		569	81.1		2589	85.7		1186	88.6		23,750	88.2		28,549	87.8
Yes	15	11.2		133	18.9		432	14.3		153	11.4		3178	11.8		3972	12.2
Depression (shortened CES-D/DIS ≥ 0.06)																	
No	120	82.8		661	92.7		2723	87.1		1111	81.3		26,713	90.4		31,701	89.7
Yes	25	17.2		52	7.3		403	12.9		256	18.7		2841	9.6		3629	10.3

(continued)

APPENDIX TABLE 9. *Continued*

Benign breast disease												
No	107	78.7	605	85.5	2474	80.5	1142	84.1	21,627	80.0	26,262	80.2
Yes, 1 biopsy	24	17.6	65	9.2	442	14.4	151	11.1	3954	14.6	4700	14.4
Yes, 2+biopsies	5	3.7	38	5.4	159	5.2	65	4.8	1466	5.4	1764	5.4
History of cardiovascular disease ^e												
No	128	86.5	691	96.0	2835	87.0	1390	93.4	27,331	91.5	32,764	91.3
Yes	20	13.5	29	4.0	423	13.0	98	6.6	2524	8.5	3132	8.7
History of MI												
No	143	96.0	718	99.4	3217	97.0	1494	99.1	29,627	98.3	35,628	98.2
Yes	6	4.0	*	*	100	3.0	13	0.9	526	1.7	654	1.8
History of CABG/PTCA												
No	148	99.3	717	99.6	3192	98.4	1478	99.3	29,470	98.8	35,429	98.8
Yes	*	*	*	*	53	1.6	10	0.7	347	1.2	417	1.2
History of CHF												
No	145	97.3	720	99.7	3274	98.7	1496	99.3	30,020	99.6	36,087	99.5
Yes	*	*	*	*	43	1.3	11	0.7	132	0.4	194	0.5
History of angina												
No	139	93.3	706	98.1	3128	94.9	1464	97.5	29,112	96.8	34,963	96.7
Yes	10	6.7	14	1.9	167	5.1	37	2.5	948	3.2	1192	3.3
History of carotid endarterectomy/angioplasty												
No	149	100.0	721	100.0	3233	99.6	1489	100.0	29,766	99.8	35,784	99.8
Yes	0	0.0	0	0.0	13	0.4	0	0.0	55	0.2	68	0.2
History of DVT												
No	145	97.3	719	99.6	3228	97.3	1481	98.3	29,301	97.2	35,300	97.3
Yes	*	*	*	*	89	2.7	26	1.7	843	2.8	973	2.7
History of PE												
No	148	99.3	717	99.4	3285	99.0	1504	99.8	29,952	99.4	36,037	99.3
Yes	*	*	*	*	32	1.0	*	*	194	0.6	237	0.7
History of PAD												
No	146	98.6	720	99.9	3224	97.9	1483	98.7	29,831	99.2	35,829	99.0
Yes	*	*	*	*	70	2.1	20	1.3	254	0.8	350	1.0
History of stroke												
No	147	98.7	716	99.2	3247	97.9	1490	98.9	29,906	99.2	35,934	99.0
Yes	*	*	6	0.8	70	2.1	17	1.1	247	0.8	348	1.0
History of polyp removal												
No	124	91.2	650	92.2	2792	92.5	1289	95.2	24,644	92.0	29,858	92.2
Yes	12	8.8	55	7.8	225	7.5	65	4.8	2148	8.0	2543	7.8
History of fracture at age 55+ ^f												
No	110	89.4	509	90.6	2243	92.3	1922	92.0	20,331	85.1	24,418	86.2
Yes	13	10.6	53	9.4	186	7.7	80	8.0	3549	14.9	3916	13.8
History of hip fracture at age 55+ ^f												
No	123	100.0	562	100.0	2426	99.9	999	99.7	23,763	99.5	28,208	99.6
Yes	*	*	*	*	3	0.1	3	0.3	117	0.5	126	0.4
Number of falls in last 12 mo												
None	94	67.1	547	77.2	2167	69.5	963	69.2	18,344	66.1	22,393	66.8
1	28	20.0	118	16.6	564	18.1	260	18.7	5757	20.7	6807	20.3
2	11	7.9	34	4.8	271	8.7	105	7.5	2434	8.8	2888	8.6
3+	7	5.0	10	1.4	116	3.7	64	4.6	1218	4.4	1433	4.3

History of cancer ^a													
No	144	96.6	694	96.8	3156	96.5	1452	97.4	28,659	95.8	34,512	96.0	
Yes	5	3.4	23	3.2	116	3.5	39	2.6	1241	4.2	1443	4.0	
History of colorectal cancer													
No	148	99.3	720	99.7	3316	100.0	1507	100.0	30,112	99.9	36,237	99.9	
Yes	*	*	*	*	*	*	0	0.0	41	0.1	45	0.1	
History of endometrial cancer													
No	149	100.0	718	99.4	3291	99.2	1499	99.5	29,923	99.2	36,009	99.2	
Yes	0	0.0	*	*	26	0.8	8	0.5	230	0.8	273	0.8	
History of melanoma cancer													
No	148	99.3	722	100.0	3315	99.9	1504	99.8	29,985	99.4	36,108	99.5	
Yes	*	*	0	0.0	*	*	*	*	167	0.6	273	0.5	
History of cervical cancer													
No	149	100.0	714	99.6	3235	98.7	1481	99.1	29,522	98.8	35,522	98.9	
Yes	0	0.0	*	*	42	1.3	13	0.9	348	1.2	411	1.1	
History of ovarian cancer													
No	149	100.0	713	99.4	3260	99.5	1492	99.9	29,768	99.6	35,808	99.6	
Yes	0	0.0	*	*	17	0.5	*	*	107	0.4	129	0.4	
History of lung cancer													
No	149	100.0	717	100.0	3275	99.9	1493	100.0	29,858	100.0	35,917	100.0	
Yes	0	0.0	0	0.0	*	*	0	0.0	13	0.0	16	0.0	
History of osteoporosis													
No	137	95.1	690	96.5	3098	96.1	1363	93.5	28,265	94.9	33,949	95.0	
Yes	7	4.9	25	3.5	125	3.9	95	6.5	1504	5.1	1785	5.0	
History of arthritis													
No arthritis	69	50.4	493	69.1	1625	51.5	904	63.5	16,587	57.9	19,916	57.8	
Rheumatoid arthritis	15	10.9	31	4.3	256	8.1	71	5.0	1071	3.7	1475	4.3	
Other arthritis	53	38.7	189	26.5	1272	40.3	448	31.5	10,966	38.3	13,074	37.9	
Total hip BMD (WHO criteria)													
Normal					190	67.4	86	58.9	1164	56.6	1440	57.9	
Osteopenic					91	32.3	56	38.4	802	39.0	949	38.2	
Osteoporotic					*	*	*	*	92	4.5	97	3.9	
Hip scan (g/cm ²)	19	0.92 ± 0.18	*	*	282	0.97 ± 0.14	146	0.88 ± 0.14	2058	0.85 ± 0.13	2526	0.86 ± 0.14	
Spine scan (g/cm ²)	19	0.98 ± 0.19	*	*	278	1.06 ± 0.18	144	0.97 ± 0.16	2008	0.97 ± 0.16	2470	0.98 ± 0.16	
Whole body scan (g/cm ²)	19	1.02 ± 0.11	*	*	279	1.07 ± 0.11	146	1.04 ± 0.12	2064	1.01 ± 0.10	2529	1.02 ± 0.11	
Lean body mass + BMC (kg)	18	39.7 ± 5.5	*	*	279	44.5 ± 6.5	145	39.0 ± 5.4	2034	39.9 ± 5.2	2497	40.3 ± 5.6	
Fat body mass (kg)	18	38.4 ± 13.8	*	*	279	40.2 ± 13.2	145	34.6 ± 9.8	2034	33.1 ± 10.5	2497	34.0 ± 11.1	

CABG, coronary bypass surgery; PTCA, angioplasty; WHO, World Health Organization; E+P, estrogen+progestin; E-alone, estrogen alone; BMC, bone mineral content; PHT, postmenopausal hormone therapy; BMD, bone mineral density; E + P, estrogen + progestin; MI, myocardial infarction; CHF, congestive heart failure; DVT, deep vein thrombosis; PE, pulmonary embolism; PAD, peripheral arterial disease.

^aTotal includes those of unknown ethnicity.

^bHysterectomy at randomization.

^cApplies only to participants who have ever been pregnant.

^dBased on estrogen and progesterone pills and patches only (creams and shots excluded). Episodes less than 3 months are excluded.

^eIncludes MI, stroke, CHF, angina, carotid endarterectomy/angioplasty, DVT, PE, PAD, and CABG/PTCA.

^fApplies only to participants age 55 and older.

^gExcluding nonmelanoma skin cancer.

*Data withheld from cells where N < 5 (<10 where data are sensitive).