

APPENDIX TABLE 6. Baseline medical history of WHI Estrogen + Progestin participants by race/ethnicity

Medical History	Race/Ethnicity																	
	American Indian (N = 56)			Asian/Pacific Islander (N = 363)			Black (N = 1124)			Hispanic (N = 888)			White (N = 13,945)			Total ^a (N = 16,608)		
	N	%	Mean ± SD	N	%	Mean ± SD	N	%	Mean ± SD	N	%	Mean ± SD	N	%	Mean ± SD	N	%	Mean ± SD
Age at menopause (y)																		
<40	*	*		6	1.7		47	4.6		26	3.4		297	2.3		384	2.5	
40–49	16	33.3		117	33.3		371	36.3		331	43.2		4356	33.8		5271	34.5	
50+	31	64.6		228	65.0		604	59.1		410	53.5		8216	63.8		9617	63.0	
Bilateral oophorectomy																		
No	55	98.2		361	100.0		1108	99.6		872	99.7		13,849	99.7		16,474	99.7	
Yes	*	*		0	0.0		*	*		*	*		43	0.3		53	0.3	
Ever pregnant																		
No	*	*		36	9.9		62	5.6		58	6.6		1110	8.0		1288	7.8	
Yes	53	94.6		327	90.1		1054	94.4		825	93.4		12,819	92.0		15,291	92.2	
Age at first birth (y) ^b																		
Never had term pregnancy	0	0.0		5	1.8		60	6.9		19	3.1		312	2.7		400	2.9	
<20	18	39.1		16	5.8		280	32.1		173	28.3		1708	14.6		2236	16.4	
20–29	23	50.0		209	76.0		462	53.0		355	58.0		8513	72.9		9670	70.8	
30+	5	10.9		45	16.4		69	7.9		65	10.6		1142	9.8		1344	9.8	
Number of live births																		
Never pregnant	*	*		36	9.9		62	5.6		58	6.6		1110	8.0		1288	7.8	
None	0	0.0		*	*		65	5.8		21	2.4		327	2.4		422	2.6	
1	*	*		38	10.5		164	14.7		79	9.0		1078	7.8		1389	8.4	
2–4	27	48.2		235	64.9		599	53.9		507	57.8		8994	64.7		10,503	63.5	
5+	19	33.9		48	13.3		222	20.0		212	24.2		2383	17.2		2928	17.7	
Number of pregnancies																		
Never pregnant	*	*		36	9.9		62	5.6		58	6.6		1110	8.0		1288	7.8	
1	*	*		26	7.2		91	8.2		48	5.4		882	6.3		1070	6.5	
2–4	26	46.4		76	20.9		396	35.7		346	39.3		3859	27.8		4781	28.9	
5+	23	41.1		225	62.0		559	50.5		429	48.7		8052	57.9		9403	56.8	
Any induced abortions ^b																		
Pregnant, never had abortion	44	91.7		273	88.1		746	78.9		608	85.6		11,030	92.5		12,879	91.1	
One or more abortions	*	*		37	11.9		200	21.1		102	14.4		894	7.5		1258	8.9	
Number of months breastfed																		
Never breastfed	27	48.2		116	32.4		535	48.6		355	40.9		6354	46.0		7482	45.6	
1–6	14	25.0		104	29.1		324	29.4		236	27.2		3492	25.3		4239	25.8	
7–12	5	8.9		64	17.9		125	11.4		107	12.3		1552	11.2		1882	11.5	
13–23	*	*		41	11.5		59	5.4		81	9.3		1422	10.3		1627	9.9	
24+	8	14.3		33	9.2		58	5.3		89	10.3		982	7.1		1185	7.2	
Age at tubal ligation (y)																		
Never had tubal ligation	34	63.0		267	74.2		778	70.5		635	72.2		11,311	81.4		13,207	80.0	
<30	*	*		11	3.1		43	3.9		38	4.3		326	2.3		426	2.6	
30–34	*	*		25	6.9		88	8.0		59	6.7		650	4.7		843	5.1	
35–39	*	*		43	11.9		127	11.5		90	10.2		908	6.5		1190	7.2	
40–44	*	*		11	3.1		58	5.3		51	5.8		561	4.0		694	4.2	
45+	0	0.0		*	*		10	0.9		*	*		133	1.0		157	1.0	

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APPENDIX TABLE 6. *Continued*

Age last had any menstrual bleeding (y)												
<40	*	*	*	*	36	3.6	22	3.0	180	1.5	246	1.7
40-44	7	14.6	23	6.7	78	7.9	76	10.4	862	7.0	1071	7.3
45-49	8	16.7	86	25.1	260	26.3	210	28.7	2893	23.5	3497	23.9
50-54	27	56.3	171	50.0	422	42.7	335	45.8	6008	48.8	7049	48.2
55-59	6	12.5	50	14.6	165	16.7	75	10.2	1979	16.1	2319	15.9
60+	*	*	8	2.3	28	2.8	14	1.9	385	3.1	442	3.0
Current health care provider												
No	9	16.1	34	9.4	151	13.8	280	32.2	1432	10.4	1935	11.8
Yes	47	83.9	327	90.6	947	86.2	590	67.8	12,389	89.6	14,501	88.2
Mammogram in last 2 y												
No	18	34.6	107	30.0	271	25.6	345	42.1	3810	28.2	4624	28.9
Yes	34	65.4	250	70.0	786	74.4	475	57.9	9691	71.8	11,386	71.1
Pap smear in last 3 y												
No	11	22.4	69	20.5	146	16.1	215	29.8	2297	19.8	2781	20.1
Yes	38	77.6	267	79.5	759	83.9	506	70.2	9318	80.2	11,048	79.9
Total oral contraceptive duration (y)												
Non-user	34	60.7	225	62.0	648	57.7	523	58.9	7887	56.6	9466	57.0
<5	13	23.2	78	21.5	220	19.6	205	23.1	3198	22.9	3765	22.7
5-<10	*	*	31	8.5	108	9.6	86	9.7	1393	10.0	1634	9.8
10+	*	*	29	8.0	148	13.2	74	8.3	1467	10.5	1743	10.5
History of PHT use ^c												
Never	46	82.1	266	73.3	891	79.3	667	75.2	10,164	72.9	12,192	73.4
Past	8	14.3	51	14.0	172	15.3	150	16.9	2702	19.4	3135	18.9
Current	*	*	46	12.7	60	5.3	70	7.9	1073	7.7	1273	7.7
Total PHT duration (y) ^c												
Nonuser	46	82.1	266	73.3	891	79.3	667	75.1	10,164	72.9	12,192	73.4
<5	8	14.3	62	17.1	185	16.5	157	17.7	2657	19.1	3118	18.8
5-<9	0	0.0	26	7.2	34	3.0	46	5.2	663	4.8	783	4.7
10-<14	*	*	5	1.4	11	1.0	13	1.5	300	2.2	336	2.0
15+	*	*	*	*	*	*	5	0.6	160	1.1	178	1.1
History of E-alone use ^c												
Never	52	92.9	343	94.5	1024	91.2	816	92.0	12,323	88.4	14,756	88.9
Past	*	*	18	5.0	86	7.7	61	6.9	1510	10.8	1709	10.3
Current	*	*	*	*	13	1.2	10	1.1	107	0.8	136	0.8
Total E-alone duration (y) ^c												
Nonuser	52	92.9	343	94.5	1024	91.1	816	91.9	12,323	88.4	14,756	88.9
<5	*	*	15	4.1	78	6.9	56	6.3	1242	8.9	1416	8.5
5-<10	0	0.0	*	*	18	1.6	11	1.2	209	1.5	250	1.5
10-<15	0	0.0	*	*	*	*	5	0.6	107	0.8	117	0.7
15+	*	*	*	*	0	0.0	0	0.0	63	0.5	68	0.4

History of E + P use ^c																		
Never	49	87.5	278	76.6	977	86.9	730	82.2	11,402	81.8	13,620	82.0						
Past	6	10.7	41	11.3	99	8.8	98	11.0	1560	11.2	1833	11.0						
Current	*	*	44	12.1	48	4.3	60	6.8	979	7.0	1151	6.9						
Total E + P duration (y) ^c																		
Nonuser	49	87.5	278	76.6	977	86.9	730	82.2	11,402	81.8	13,620	82.0						
<5	6	10.7	57	15.7	121	10.8	111	12.5	1804	12.9	2133	12.8						
5-<10	0	0.0	21	5.8	17	1.5	34	3.8	487	3.5	568	3.4						
10-<15	*	*	*	*	8	0.7	9	1.0	182	1.3	207	1.2						
15+	0	0.0	*	*	*	*	*	*	70	0.5	80	0.5						
Family history of MI																		
No	24	47.1	207	61.1	587	58.1	484	58.4	6283	47.3	7687	48.9						
Yes	27	52.9	132	38.9	424	41.9	345	41.6	6992	52.7	8032	51.1						
Family history of breast cancer																		
No	37	78.7	307	89.2	920	88.0	766	90.4	11,043	83.5	13,256	84.3						
Yes	10	21.3	37	10.8	126	12.0	81	9.6	2176	16.5	2461	15.7						
Family history of colorectal cancer																		
No	36	83.7	293	87.2	826	85.1	722	89.9	10,757	84.0	12,814	84.5						
Yes	7	16.3	43	12.8	145	14.9	81	10.1	2046	16.0	2348	15.5						
Family history of stroke																		
No	28	58.3	194	56.2	600	57.4	565	69.1	8120	61.5	9620	61.4						
Yes	20	41.7	151	43.8	446	42.6	253	30.9	5081	38.5	6047	38.6						
Family history of adult diabetes																		
No	28	54.9	209	61.3	485	48.6	475	57.3	9159	68.6	10,488	66.5						
Yes	23	45.1	132	38.7	513	51.4	354	42.7	4190	31.4	5286	33.5						
Parent broke bone after age 40																		
No	32	74.4	235	69.7	758	79.8	566	69.7	7415	57.1	9139	59.6						
Yes	11	25.6	102	30.3	192	20.2	246	30.3	5575	42.9	6194	40.4						
Systolic blood pressure (mm Hg)																		
≤120	56		125.5 ± 16.9	363		129.0 ± 19.4	1124		131.8 ± 17.4	888		126.0 ± 16.9	13,945		127.4 ± 17.5	16,608		127.7 ± 17.6
>120-140	25	44.6	124	34.2	324	28.8	375	42.2	5340	38.3	6270	37.8						
>140	21	37.5	152	41.9	495	44.0	360	40.5	5751	41.2	6873	41.4						
	10	17.9	87	24.0	305	27.1	153	17.2	2854	20.5	3465	20.9						
Diastolic blood pressure (mm Hg)																		
<90	56		75.0 ± 9.4	363		77.5 ± 9.4	1124		78.4 ± 9.2	888		76.0 ± 8.8	13,945		75.4 ± 9.1	16,608		75.7 ± 9.1
≥90	52	92.9	324	89.3	982	87.4	828	93.2	12,997	93.2	15,385	92.6						
	*	*	39	10.7	142	12.6	60	6.8	948	6.8	1223	7.4						
History of hypertension																		
Never hypertensive	45	84.9	235	66.4	516	49.8	584	72.8	9097	71.7	10,609	70.0						
Untreated hypertensive	*	*	40	11.3	111	10.7	78	9.7	1015	8.0	1266	8.4						
Treated hypertensive	6	11.3	79	22.3	409	39.5	140	17.5	2571	20.3	3271	21.6						
Treated diabetes (pills or shots)																		
No	50	90.9	332	91.5	990	88.1	826	93.0	13,451	96.5	15,864	95.6						
Yes	5	9.1	31	8.5	134	11.9	62	7.0	487	3.5	734	4.4						
Treated hypercholesterolemia (pills)																		
No	46	90.2	280	80.0	865	84.8	673	85.7	11,061	87.8	13,107	87.3						
Yes	5	9.8	70	20.0	155	15.2	112	14.3	1530	12.2	1906	12.7						
Depression (shortened CES-D/DIS ≥ 0.06)																		
No	44	83.0	331	92.2	923	88.0	616	79.6	12,412	91.1	14,518	90.3						
Yes	*	*	28	7.8	126	12.0	158	20.4	1210	8.9	1563	9.7						

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APPENDIX TABLE 6. *Continued*

Benign breast disease												
No	43	82.7	311	88.1	880	83.9	708	88.7	10,493	82.8	12,618	83.3
Yes, 1 biopsy	8	15.4	32	9.1	132	12.6	71	8.9	1679	13.2	1948	12.9
Yes, 2+ biopsies	*	*	10	2.8	37	3.5	19	2.4	500	3.9	578	3.8
History of cardiovascular disease ^d												
No	50	89.3	348	96.7	1002	91.2	832	95.0	12,940	93.7	15,386	93.7
Yes	6	10.7	12	3.3	97	8.8	44	5.0	868	6.3	1040	6.3
History of MI												
No	53	94.6	362	99.7	1094	97.3	882	99.3	13,694	98.2	16,312	98.2
Yes	*	*	*	*	30	2.7	6	0.7	251	1.8	296	1.8
History of CABG/PTCA												
No	55	100.0	357	99.2	1081	98.5	871	99.5	13,605	98.6	16,191	98.7
Yes	0	0.0	*	*	17	1.5	*	*	189	1.4	215	1.3
History of CHF												
No	56	100.0	361	99.4	1112	98.9	881	99.2	13,886	99.6	16,528	99.5
Yes	0	0.0	*	*	12	1.1	7	0.8	59	0.4	80	0.5
History of angina												
No	53	94.6	354	97.8	1070	96.1	866	98.1	13,512	97.2	16,080	97.1
Yes	*	*	8	2.2	44	3.9	17	1.9	394	2.8	472	2.9
History of carotid endarterectomy/angioplasty												
No	55	100.0	361	100.0	1095	99.7	875	100.0	13,764	99.8	16,374	99.8
Yes	0	0.0	0	0.0	*	*	0	0.0	31	0.2	34	0.2
History of DVT												
No	56	100.0	363	100.0	1122	99.8	884	99.5	13,834	99.2	16,490	99.3
Yes	0	0.0	0	0.0	*	*	*	*	111	0.8	118	0.7
History of PE												
No	56	100.0	362	99.7	1122	99.8	888	100.0	13,920	99.8	16,579	99.8
Yes	0	0.0	*	*	*	*	0	0.0	25	0.2	29	0.2
History of PAD												
No	55	98.2	362	99.7	1103	98.5	871	98.5	13,815	99.3	16,437	99.2
Yes	*	*	*	*	17	1.5	13	1.5	103	0.7	135	0.8
History of stroke												
No	54	96.4	361	99.4	1106	98.4	880	99.1	13,839	99.2	16,470	99.2
Yes	*	*	*	*	18	1.6	8	0.9	106	0.8	138	0.8
History of polyp removal												
No	51	96.2	324	92.6	963	93.9	760	96.3	11,615	92.6	13,911	92.9
Yes	*	*	26	7.4	63	6.1	29	3.7	928	7.4	1068	7.1
History of fracture at age 55+ ^e												
No	39	88.6	272	89.8	786	93.0	562	92.0	9,492	83.4	11,317	84.6
Yes	5	11.4	31	10.2	59	7.0	49	8.0	1889	16.6	2057	15.4
History of hip fracture at age 55+ ^e												
No	44	100.0	302	99.7	844	99.9	609	99.7	11,301	99.3	13,289	99.4
Yes	*	*	1	0.3	1	0.1	2	0.3	80	0.7	85	0.6

Number of falls in last 12 mo													
None	38	70.4	272	76.6	716	67.6	572	70.0	8586	66.2	10,340	66.8	
1	9	16.7	57	16.1	226	21.3	158	19.3	2704	20.8	3188	20.6	
2	*	*	19	5.4	89	8.4	49	6.0	1117	8.6	1296	8.4	
3+	*	*	7	2.0	28	2.6	38	4.7	565	4.4	652	4.2	
History of cancer ^f													
No	55	98.2	357	98.3	1089	98.0	865	98.2	13,567	98.0	16,156	98.0	
Yes	*	*	6	1.7	22	2.0	16	1.8	274	2.0	325	2.0	
History of colorectal cancer													
No	55	98.2	362	99.7	1121	99.7	888	100.0	13,898	99.7	16,556	99.7	
Yes	*	*	*	*	*	*	0	0.0	47	0.3	52	0.3	
History of melanoma cancer													
No	56	100.0	363	100.0	1124	100.0	888	100.0	13,944	100.0	16,607	100.0	
Yes	0	0.0	0	0.0	0	0.0	0	0.0	*	*	*	*	
History of cervical cancer													
No	56	100.0	363	100.0	1110	99.7	881	99.9	13,799	99.8	16,438	99.8	
Yes	0	0.0	0	0.0	*	*	*	*	33	0.2	37	0.2	
History of ovarian cancer													
No	56	100.0	361	99.7	1112	100.0	881	100.0	13,823	99.9	16,462	100.0	
Yes	0	0.0	*	*	0	0.0	0	0.0	7	0.1	8	0.0	
History of lung cancer													
No	56	100.0	362	100.0	1112	100.0	882	100.0	13,826	100.0	16,467	100.0	
Yes	0	0.0	0	0.0	0	0.0	0	0.0	5	0.0	5	0.0	
History of osteoporosis													
No	53	98.1	342	95.3	1052	96.8	809	94.4	13,059	95.0	15,532	95.1	
Yes	*	*	17	4.7	35	3.2	48	5.6	687	5.0	799	4.9	
History of arthritis													
No arthritis	32	59.3	243	67.9	596	55.5	558	67.1	7963	59.7	9525	60.0	
Rheumatoid arthritis	6	11.1	16	4.5	81	7.5	33	4.0	514	3.9	667	4.2	
Other arthritis	16	29.6	99	27.7	396	36.9	241	29.0	4855	36.4	5682	35.8	
Total hip BMD (WHO criteria)													
Normal					69	70.4	28	45.9	414	49.1	511	51.0	
Osteopenic					28	28.6	31	50.8	377	44.7	436	43.5	
Osteoporotic					*	*	*	*	52	6.2	55	5.5	
Hip scan (g/cm ²)	12	0.89 ± 0.08	*	*	98	0.97 ± 0.15	61	0.84 ± 0.13	843	0.82 ± 0.12	1024	0.84 ± 0.13	
Spine scan (g/cm ²)	12	0.93 ± 0.11	*	*	99	1.08 ± 0.19	61	0.92 ± 0.14	822	0.93 ± 0.15	1004	0.95 ± 0.16	
Whole body scan (g/cm ²)	12	1.00 ± 0.09	*	*	99	1.08 ± 0.11	61	1.02 ± 0.11	843	0.98 ± 0.09	1025	0.99 ± 0.10	
Lean body mass + BMC (kg)	12	39.8 ± 4.0	*	*	99	44.8 ± 6.5	61	39.0 ± 5.6	834	39.5 ± 5.1	1016	40.0 ± 5.5	
Fat body mass (kg)	12	39.3 ± 11.1	*	*	99	39.0 ± 13.4	61	33.3 ± 8.9	834	31.7 ± 10.7	1016	32.5 ± 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; MI, myocardial infarction; CHF, congestive heart failure; DVT, deep vein thrombosis; PE, pulmonary embolism; PAD, peripheral arterial disease.

^aTotal includes those of unknown ethnicity.

^bApplies only to participants who have ever been pregnant.

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

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

^eApplies only to participants age 55 and older.

^fExcluding nonmelanoma skin cancer.

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