

Table 1. Age-Adjusted Baseline Characteristics According to Intakes of Total Calcium and Total Vitamin D in the Women's Health Study

Characteristic	Calcium Intake					P Value for Trend	Vitamin D Intake*					P Value for Trend
	Q1	Q2	Q3	Q4	Q5		Q1	Q2	Q3	Q4	Q5	
No. of participants	6298	6298	6297	6297	6297		6298	6298	6298	6296	6297	
Mean age, y	54.5	54.7	54.9	55.4	56.4	<.001	54.3	54.7	55.3	55.4	56.2	<.001
Mean BMI	26.2	26.3	26.0	25.7	25.2	<.001	26.1	26.1	26.0	25.8	25.4	<.001
History of breast cancer in mother or sister, %	6.4	6.6	6.0	6.3	6.6	.79	6.6	6.6	6.7	6.6	5.6	.07
History of benign breast disease, %	30.3	32.1	32.0	32.6	36.1	<.001	31.6	31.7	33.4	32.1	34.3	.002
Mammogram screening, %†	51.3	57.5	60.5	62.9	67.2	<.001	54.6	58.6	60.4	61.6	64.4	<.001
Postmenopausal, %	66.7	65.5	65.8	65.8	68.5	.02	66.7	66.7	65.0	65.9	68.0	.59
Current users of postmenopausal hormone therapy, %	55.7	59.5	62.2	64.5	71.7	<.001	59.3	60.6	61.5	64.9	67.7	<.001
Current smokers, %	19.7	13.8	10.9	9.3	8.9	<.001	17.4	13.2	10.3	11.1	10.4	<.001
Current users of multivitamins, %	15.1	20.6	28.7	34.3	47.8	<.001	8.6	10.3	13.1	38.6	76.2	<.001
Calcium supplement users, %	5.7	16.3	36.1	56.2	89.5	<.001	23.6	26.0	29.8	48.8	75.9	<.001
Nulliparous women, %	12.6	13.2	13.3	13.4	14.9	.001	12.8	12.9	13.3	14.0	14.3	.002
Mean No. of children among parous women	3.0	2.9	2.9	2.9	2.8	<.001	2.9	2.9	2.9	2.9	2.8	.004
Mean age at first birth, y	24.5	24.6	24.7	24.9	24.8	<.001	24.6	24.6	24.8	24.8	24.6	.47
Mean age at menarche, y	12.5	12.4	12.4	12.4	12.4	.46	12.4	12.4	12.4	12.4	12.4	.20
Mean age at menopause, y	48.1	48.1	48.2	48.3	48.3	<.001	48.1	48.2	48.2	48.3	48.2	.05
Physical activity, kcal/wk	748	912	1016	1064	1126	<.001	807	906	978	1060	1123	<.001
Total calories intake, kcal/d	1630	1766	1785	1844	1623	<.001	1633	1754	1806	1865	1586	<.001
Alcohol intake, g/d	4.9	4.2	3.9	3.9	3.8	<.001	4.8	4.3	3.9	3.7	4.1	<.001
Total fat intake, g/d*	62	59	57	56	54	<.001	61	59	57	56	55	<.001
Phosphorus intake, mg/d*	1114	1254	1339	1431	1479	<.001	1131	1242	1350	1443	1451	<.001
Lactose intake, g/d*	6.3	11.6	16.0	21.2	23.3	<.001	7.3	12.2	17.1	21.9	19.9	<.001