

Frequency of beverage intakes
 Hard liquor (such as whisky, brandy, gin, vodka, rum, cocktails, etc.)

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Male	Never	212	79.7	262	79.2	245	82.5	222	83.1	39	90.7	980	81.4
	Once a month	22	8.3	22	6.6	21	7.1	11	4.1	1	2.3	77	6.4
	2 to 3 times a mo.	14	5.3	17	5.1	10	3.4	7	2.6	0	0.0	48	4.0
	Once a week	6	2.3	12	3.6	2	0.7	6	2.2	1	2.3	27	2.2
	2 to 3 times a week	4	1.5	7	2.1	5	1.7	8	3.0	0	0.0	24	2.0
	4 to 6 times a week	4	1.5	5	1.5	4	1.3	6	2.2	0	0.0	19	1.6
	Once a day	4	1.5	6	1.8	10	3.4	7	2.6	2	4.7	29	2.4
Female	Never	274	93.2	279	97.9	274	95.8	271	98.5	34	100.0	1132	96.4
	Once a month	13	4.4	3	1.1	4	1.4	1	0.4	0	0.0	21	1.8
	2 to 3 times a mo.	4	1.4	2	0.7	2	0.7	0	0.0	0	0.0	8	0.7
	Once a week	0	0.0	0	0.0	2	0.7	0	0.0	0	0.0	2	0.2
	2 to 3 times a week	2	0.7	0	0.0	0	0.0	2	0.7	0	0.0	4	0.3
	4 to 6 times a week	1	0.3	0	0.0	1	0.3	1	0.4	0	0.0	3	0.3
	Once a day	0	0.0	1	0.4	3	1.0	0	0.0	0	0.0	4	0.3
Total	Never	486	86.8	541	87.8	519	89.0	493	91.0	73	94.8	2112	88.8
	Once a month	35	6.3	25	4.1	25	4.3	12	2.2	1	1.3	98	4.1
	2 to 3 times a mo.	18	3.2	19	3.1	12	2.1	7	1.3	0	0.0	56	2.4
	Once a week	6	1.1	12	1.9	4	0.7	6	1.1	1	1.3	29	1.2
	2 to 3 times a week	6	1.1	7	1.1	5	0.9	10	1.8	0	0.0	28	1.2
	4 to 6 times a week	5	0.9	5	0.8	5	0.9	7	1.3	0	0.0	22	0.9
	Once a day	4	0.7	7	1.1	13	2.2	7	1.3	2	2.6	33	1.4

Frequency of beverage intakes
Regular coffee

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Male	Never	8	3.0	27	8.2	30	10.1	39	14.6	8	18.6	112	9.3
	Once a month	1	0.4	6	1.8	15	5.1	15	5.6	2	4.7	39	3.2
	2 to 3 times a mo.	3	1.1	5	1.5	4	1.3	14	5.2	2	4.7	28	2.3
	Once a week	13	4.9	7	2.1	16	5.4	16	6.0	5	11.6	57	4.7
	2 to 3 times a week	14	5.3	18	5.4	36	12.1	25	9.4	6	14.0	99	8.2
	4 to 6 times a week	10	3.8	10	3.0	12	4.0	3	1.1	1	2.3	36	3.0
	Once a day	61	22.9	61	18.4	74	24.9	91	34.1	9	20.9	296	24.6
	2 to 3 times a day	105	39.5	140	42.3	84	28.3	53	19.9	9	20.9	391	32.5
	4 or more times	51	19.2	57	17.2	26	8.8	11	4.1	1	2.3	146	12.1
Female	Never	18	6.1	20	7.0	33	11.5	51	18.5	9	26.5	131	11.2
	Once a month	4	1.4	5	1.8	12	4.2	19	6.9	2	5.9	42	3.6
	2 to 3 times a mo.	8	2.7	11	3.9	18	6.3	15	5.5	4	11.8	56	4.8
	Once a week	8	2.7	11	3.9	11	3.8	31	11.3	4	11.8	65	5.5
	2 to 3 times a week	24	8.2	18	6.3	30	10.5	28	10.2	3	8.8	103	8.8
	4 to 6 times a week	10	3.4	10	3.5	14	4.9	16	5.8	3	8.8	53	4.5
	Once a day	52	17.7	69	24.2	98	34.3	75	27.3	6	17.6	300	25.6
	2 to 3 times a day	130	44.2	116	40.7	60	21.0	37	13.5	3	8.8	346	29.5
	4 or more times	40	13.6	25	8.8	10	3.5	3	1.1	0	0.0	78	6.6
Total	Never	26	4.6	47	7.6	63	10.8	90	16.6	17	22.1	243	10.2
	Once a month	5	0.9	11	1.8	27	4.6	34	6.3	4	5.2	81	3.4
	2 to 3 times a mo.	11	2.0	16	2.6	22	3.8	29	5.4	6	7.8	84	3.5
	Once a week	21	3.8	18	2.9	27	4.6	47	8.7	9	11.7	122	5.1
	2 to 3 times a week	38	6.8	36	5.8	66	11.3	53	9.8	9	11.7	202	8.5
	4 to 6 times a week	20	3.6	20	3.2	26	4.5	19	3.5	4	5.2	89	3.7
	Once a day	113	20.2	130	21.1	172	29.5	166	30.6	15	19.5	596	25.1
	2 to 3 times a day	235	42.0	256	41.6	144	24.7	90	16.6	12	15.6	737	31.0
4 or more times	91	16.3	82	13.3	36	6.2	14	2.6	1	1.3	224	9.4	

Frequency of beverage intakes
Decaffeinated coffee

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Male	Never	265	99.6	329	99.4	295	99.3	267	100.0	42	97.7	1198	99.5
	Once a month	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0	1	0.1
	2 to 3 times a mo.	1	0.4	0	0.0	1	0.3	0	0.0	0	0.0	2	0.2
	Once a week	0	0.0	0	0.0	0	0.0	0	0.0	1	2.3	1	0.1
	2 to 3 times a week	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0	1	0.1
	4 to 6 times a week	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Once a day	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0	1	0.1
	2 to 3 times a day	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Female	Never	293	99.7	283	99.3	282	98.6	275	100.0	33	97.1	1166	99.3
	Once a month	0	0.0	1	0.4	0	0.0	0	0.0	0	0.0	1	0.1
	2 to 3 times a mo.	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0	1	0.1
	Once a week	0	0.0	0	0.0	2	0.7	0	0.0	0	0.0	2	0.2
	2 to 3 times a week	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	4 to 6 times a week	1	0.3	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1
	Once a day	0	0.0	1	0.4	1	0.3	0	0.0	0	0.0	2	0.2
	2 to 3 times a day	0	0.0	0	0.0	0	0.0	0	0.0	1	2.9	1	0.1
Total	Never	558	99.6	612	99.4	577	99.0	542	100.0	75	97.4	2364	99.4
	Once a month	0	0.0	2	0.3	0	0.0	0	0.0	0	0.0	2	0.1
	2 to 3 times a mo.	1	0.2	0	0.0	2	0.3	0	0.0	0	0.0	3	0.1
	Once a week	0	0.0	0	0.0	2	0.3	0	0.0	1	1.3	3	0.1
	2 to 3 times a week	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	1	0.0
	4 to 6 times a week	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
	Once a day	0	0.0	1	0.2	2	0.3	0	0.0	0	0.0	3	0.1
	2 to 3 times a day	0	0.0	0	0.0	0	0.0	0	0.0	1	1.3	1	0.0

Frequency of beverage intakes
Black tea

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Male	Never	164	61.7	251	75.8	236	79.5	196	73.4	30	69.8	877	72.8
	Once a month	30	11.3	18	5.4	16	5.4	17	6.4	4	9.3	85	7.1
	2 to 3 times a mo.	24	9.0	14	4.2	12	4.0	10	3.7	1	2.3	61	5.1
	Once a week	19	7.1	14	4.2	11	3.7	15	5.6	5	11.6	64	5.3
	2 to 3 times a week	15	5.6	13	3.9	12	4.0	11	4.1	0	0.0	51	4.2
	4 to 6 times a week	2	0.8	4	1.2	3	1.0	5	1.9	1	2.3	15	1.2
	Once a day	10	3.8	14	4.2	4	1.3	9	3.4	2	4.7	39	3.2
	2 to 3 times a day	2	0.8	2	0.6	3	1.0	3	1.1	0	0.0	10	0.8
	4 or more times	0	0.0	1	0.3	0	0.0	1	0.4	0	0.0	2	0.2
Female	Never	123	41.8	157	55.1	163	57.0	148	53.8	16	47.1	607	51.7
	Once a month	50	17.0	30	10.5	32	11.2	30	10.9	5	14.7	147	12.5
	2 to 3 times a mo.	24	8.2	22	7.7	25	8.7	23	8.4	4	11.8	98	8.3
	Once a week	30	10.2	23	8.1	15	5.2	30	10.9	3	8.8	101	8.6
	2 to 3 times a week	35	11.9	25	8.8	22	7.7	20	7.3	1	2.9	103	8.8
	4 to 6 times a week	9	3.1	6	2.1	8	2.8	4	1.5	1	2.9	28	2.4
	Once a day	19	6.5	19	6.7	17	5.9	17	6.2	4	11.8	76	6.5
	2 to 3 times a day	4	1.4	3	1.1	4	1.4	2	0.7	0	0.0	13	1.1
	4 or more times	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0	1	0.1
Total	Never	287	51.3	408	66.2	399	68.4	344	63.5	46	59.7	1484	62.4
	Once a month	80	14.3	48	7.8	48	8.2	47	8.7	9	11.7	232	9.8
	2 to 3 times a mo.	48	8.6	36	5.8	37	6.3	33	6.1	5	6.5	159	6.7
	Once a week	49	8.8	37	6.0	26	4.5	45	8.3	8	10.4	165	6.9
	2 to 3 times a week	50	8.9	38	6.2	34	5.8	31	5.7	1	1.3	154	6.5
	4 to 6 times a week	11	2.0	10	1.6	11	1.9	9	1.7	2	2.6	43	1.8
	Once a day	29	5.2	33	5.4	21	3.6	26	4.8	6	7.8	115	4.8
	2 to 3 times a day	6	1.1	5	0.8	7	1.2	5	0.9	0	0.0	23	1.0
	4 or more times	0	0.0	1	0.2	0	0.0	2	0.4	0	0.0	3	0.1

Frequency of beverage intakes
Green tea

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Male	Never	23	8.6	20	6.0	21	7.1	19	7.1	2	4.7	85	7.1
	Once a month	8	3.0	5	1.5	6	2.0	5	1.9	3	7.0	27	2.2
	2 to 3 times a mo.	8	3.0	10	3.0	2	0.7	3	1.1	0	0.0	23	1.9
	Once a week	3	1.1	7	2.1	7	2.4	5	1.9	1	2.3	23	1.9
	2 to 3 times a week	10	3.8	12	3.6	2	0.7	4	1.5	2	4.7	30	2.5
	4 to 6 times a week	18	6.8	6	1.8	4	1.3	4	1.5	1	2.3	33	2.7
	Once a day	51	19.2	52	15.7	35	11.8	15	5.6	3	7.0	156	13.0
	2 to 3 times a day	96	36.1	135	40.8	112	37.7	99	37.1	16	37.2	458	38.0
4 or more times	49	18.4	84	25.4	108	36.4	113	42.3	15	34.9	369	30.6	
Female	Never	21	7.1	10	3.5	4	1.4	12	4.4	1	2.9	48	4.1
	Once a month	15	5.1	5	1.8	3	1.0	4	1.5	1	2.9	28	2.4
	2 to 3 times a mo.	10	3.4	2	0.7	1	0.3	1	0.4	0	0.0	14	1.2
	Once a week	11	3.7	5	1.8	5	1.7	2	0.7	0	0.0	23	2.0
	2 to 3 times a week	12	4.1	12	4.2	6	2.1	5	1.8	1	2.9	36	3.1
	4 to 6 times a week	12	4.1	6	2.1	2	0.7	2	0.7	0	0.0	22	1.9
	Once a day	66	22.4	43	15.1	29	10.1	9	3.3	3	8.8	150	12.8
	2 to 3 times a day	105	35.7	102	35.8	105	36.7	100	36.4	9	26.5	421	35.9
4 or more times	42	14.3	100	35.1	131	45.8	140	50.9	19	55.9	432	36.8	
Total	Never	44	7.9	30	4.9	25	4.3	31	5.7	3	3.9	133	5.6
	Once a month	23	4.1	10	1.6	9	1.5	9	1.7	4	5.2	55	2.3
	2 to 3 times a mo.	18	3.2	12	1.9	3	0.5	4	0.7	0	0.0	37	1.6
	Once a week	14	2.5	12	1.9	12	2.1	7	1.3	1	1.3	46	1.9
	2 to 3 times a week	22	3.9	24	3.9	8	1.4	9	1.7	3	3.9	66	2.8
	4 to 6 times a week	30	5.4	12	1.9	6	1.0	6	1.1	1	1.3	55	2.3
	Once a day	117	20.9	95	15.4	64	11.0	24	4.4	6	7.8	306	12.9
	2 to 3 times a day	201	35.9	237	38.5	217	37.2	199	36.7	25	32.5	879	37.0
4 or more times	91	16.3	184	29.9	239	41.0	253	46.7	34	44.2	801	33.7	

Frequency of beverage intakes
Oolong tea

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Male	Never	30	11.3	56	16.9	62	20.9	83	31.1	14	32.6	245	20.3
	Once a month	8	3.0	13	3.9	17	5.7	10	3.7	3	7.0	51	4.2
	2 to 3 times a mo.	11	4.1	21	6.3	13	4.4	14	5.2	0	0.0	59	4.9
	Once a week	16	6.0	21	6.3	28	9.4	13	4.9	5	11.6	83	6.9
	2 to 3 times a week	24	9.0	39	11.8	28	9.4	26	9.7	2	4.7	119	9.9
	4 to 6 times a week	23	8.6	19	5.7	25	8.4	20	7.5	6	14.0	93	7.7
	Once a day	63	23.7	64	19.3	55	18.5	46	17.2	4	9.3	232	19.3
	2 to 3 times a day	57	21.4	61	18.4	42	14.1	41	15.4	5	11.6	206	17.1
4 or more times	34	12.8	37	11.2	27	9.1	14	5.2	4	9.3	116	9.6	
Female	Never	19	6.5	38	13.3	46	16.1	68	24.7	10	29.4	181	15.4
	Once a month	8	2.7	17	6.0	11	3.8	11	4.0	1	2.9	48	4.1
	2 to 3 times a mo.	11	3.7	13	4.6	14	4.9	4	1.5	1	2.9	43	3.7
	Once a week	16	5.4	13	4.6	9	3.1	14	5.1	1	2.9	53	4.5
	2 to 3 times a week	13	4.4	10	3.5	22	7.7	40	14.5	2	5.9	87	7.4
	4 to 6 times a week	27	9.2	31	10.9	24	8.4	14	5.1	2	5.9	98	8.3
	Once a day	74	25.2	63	22.1	66	23.1	46	16.7	3	8.8	252	21.5
	2 to 3 times a day	89	30.3	65	22.8	61	21.3	46	16.7	10	29.4	271	23.1
4 or more times	37	12.6	35	12.3	33	11.5	32	11.6	4	11.8	141	12.0	
Total	Never	49	8.8	94	15.3	108	18.5	151	27.9	24	31.2	426	17.9
	Once a month	16	2.9	30	4.9	28	4.8	21	3.9	4	5.2	99	4.2
	2 to 3 times a mo.	22	3.9	34	5.5	27	4.6	18	3.3	1	1.3	102	4.3
	Once a week	32	5.7	34	5.5	37	6.3	27	5.0	6	7.8	136	5.7
	2 to 3 times a week	37	6.6	49	8.0	50	8.6	66	12.2	4	5.2	206	8.7
	4 to 6 times a week	50	8.9	50	8.1	49	8.4	34	6.3	8	10.4	191	8.0
	Once a day	137	24.5	127	20.6	121	20.8	92	17.0	7	9.1	484	20.4
	2 to 3 times a day	146	26.1	126	20.5	103	17.7	87	16.1	15	19.5	477	20.1
4 or more times	71	12.7	72	11.7	60	10.3	46	8.5	8	10.4	257	10.8	

Frequency of beverage intakes
Carbonated beverages (such as cola, soda, etc.)

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Male	Never	140	52.6	229	69.2	233	78.5	216	80.9	34	79.1	852	70.8
	Once a month	28	10.5	35	10.6	26	8.8	20	7.5	3	7.0	112	9.3
	2 to 3 times a mo.	32	12.0	23	6.9	11	3.7	12	4.5	2	4.7	80	6.6
	Once a week	27	10.2	28	8.5	12	4.0	8	3.0	1	2.3	76	6.3
	2 to 3 times a week	30	11.3	8	2.4	10	3.4	8	3.0	2	4.7	58	4.8
	4 to 6 times a week	2	0.8	2	0.6	1	0.3	0	0.0	0	0.0	5	0.4
	Once a day	7	2.6	4	1.2	3	1.0	3	1.1	0	0.0	17	1.4
	2 to 3 times a day	0	0.0	2	0.6	0	0.0	0	0.0	1	2.3	3	0.2
	4 or more times	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0	1	0.1
Female	Never	191	65.0	220	77.2	246	86.0	229	83.3	32	94.1	918	78.2
	Once a month	43	14.6	33	11.6	16	5.6	19	6.9	1	2.9	112	9.5
	2 to 3 times a mo.	25	8.5	12	4.2	11	3.8	13	4.7	0	0.0	61	5.2
	Once a week	21	7.1	11	3.9	7	2.4	9	3.3	1	2.9	49	4.2
	2 to 3 times a week	11	3.7	6	2.1	4	1.4	2	0.7	0	0.0	23	2.0
	4 to 6 times a week	2	0.7	2	0.7	0	0.0	1	0.4	0	0.0	5	0.4
	Once a day	1	0.3	1	0.4	2	0.7	1	0.4	0	0.0	5	0.4
	2 to 3 times a day	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0	1	0.1
	4 or more times	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total	Never	331	59.1	449	72.9	479	82.2	445	82.1	66	85.7	1770	74.4
	Once a month	71	12.7	68	11.0	42	7.2	39	7.2	4	5.2	224	9.4
	2 to 3 times a mo.	57	10.2	35	5.7	22	3.8	25	4.6	2	2.6	141	5.9
	Once a week	48	8.6	39	6.3	19	3.3	17	3.1	2	2.6	125	5.3
	2 to 3 times a week	41	7.3	14	2.3	14	2.4	10	1.8	2	2.6	81	3.4
	4 to 6 times a week	4	0.7	4	0.6	1	0.2	1	0.2	0	0.0	10	0.4
	Once a day	8	1.4	5	0.8	5	0.9	4	0.7	0	0.0	22	0.9
	2 to 3 times a day	0	0.0	2	0.3	0	0.0	1	0.2	1	1.3	4	0.2
	4 or more times	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	1	0.0

Frequency of beverage intakes
Isotonic drink

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80yr -		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Male	Never	89	33.5	166	50.2	175	58.9	206	77.2	35	81.4	671	55.7
	Once a month	32	12.0	44	13.3	33	11.1	19	7.1	4	9.3	132	11.0
	2 to 3 times a mo.	43	16.2	37	11.2	24	8.1	11	4.1	2	4.7	117	9.7
	Once a week	50	18.8	36	10.9	30	10.1	10	3.7	2	4.7	128	10.6
	2 to 3 times a week	30	11.3	29	8.8	19	6.4	12	4.5	0	0.0	90	7.5
	4 to 6 times a week	5	1.9	7	2.1	8	2.7	4	1.5	0	0.0	24	2.0
	Once a day	13	4.9	5	1.5	4	1.3	4	1.5	0	0.0	26	2.2
	2 to 3 times a day	3	1.1	6	1.8	4	1.3	1	0.4	0	0.0	14	1.2
	4 or more times	1	0.4	1	0.3	0	0.0	0	0.0	0	0.0	2	0.2
Female	Never	162	55.1	193	67.7	215	75.2	237	86.2	32	94.1	839	71.5
	Once a month	43	14.6	36	12.6	29	10.1	16	5.8	0	0.0	124	10.6
	2 to 3 times a mo.	24	8.2	24	8.4	12	4.2	8	2.9	1	2.9	69	5.9
	Once a week	31	10.5	14	4.9	13	4.5	8	2.9	0	0.0	66	5.6
	2 to 3 times a week	19	6.5	12	4.2	12	4.2	3	1.1	0	0.0	46	3.9
	4 to 6 times a week	4	1.4	5	1.8	0	0.0	2	0.7	0	0.0	11	0.9
	Once a day	7	2.4	1	0.4	1	0.3	0	0.0	1	2.9	10	0.9
	2 to 3 times a day	4	1.4	0	0.0	4	1.4	1	0.4	0	0.0	9	0.8
	4 or more times	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total	Never	251	44.8	359	58.3	390	66.9	443	81.7	67	87.0	1510	63.5
	Once a month	75	13.4	80	13.0	62	10.6	35	6.5	4	5.2	256	10.8
	2 to 3 times a mo.	67	12.0	61	9.9	36	6.2	19	3.5	3	3.9	186	7.8
	Once a week	81	14.5	50	8.1	43	7.4	18	3.3	2	2.6	194	8.2
	2 to 3 times a week	49	8.8	41	6.7	31	5.3	15	2.8	0	0.0	136	5.7
	4 to 6 times a week	9	1.6	12	1.9	8	1.4	6	1.1	0	0.0	35	1.5
	Once a day	20	3.6	6	1.0	5	0.9	4	0.7	1	1.3	36	1.5
	2 to 3 times a day	7	1.3	6	1.0	8	1.4	2	0.4	0	0.0	23	1.0
	4 or more times	1	0.2	1	0.2	0	0.0	0	0.0	0	0.0	2	0.1

Average ethanol intakes per day (ml/day)
Japanese sake

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	4.1	9.6	266	6.1	13.6	331	6.3	14.3	297	8.6	17.0	267	5.4	11.3	43	6.3	13.8	1204
Female	0.2	1.0	294	0.5	2.9	285	0.9	3.8	286	0.5	3.0	275	0.2	0.8	34	0.5	2.8	1174
Total	2.1	6.9	560	3.5	10.5	616	3.7	10.9	583	4.5	12.8	542	3.1	8.8	77	3.4	10.4	2378

Average ethanol intakes per day (ml/day)
Japanese distilled alcoholic beverages (Shochu)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	12.9	25.9	266	17.3	34.3	331	11.4	23.4	297	8.1	18.3	267	3.8	12.4	43	12.3	26.4	1204
Female	3.1	10.1	294	1.6	7.1	285	1.6	7.8	286	1.2	6.0	275	0.2	0.9	34	1.8	7.8	1174
Total	7.8	19.9	560	10.0	26.8	616	6.6	18.2	583	4.6	14.0	542	2.2	9.4	77	7.2	20.3	2378

Average ethanol intakes per day (ml/day)
Regular or draft beer

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	5.3	9.0	266	6.0	9.3	331	5.1	11.5	297	3.1	6.8	267	2.1	4.9	43	4.8	9.3	1204
Female	1.2	4.3	294	1.3	4.3	285	1.2	3.6	286	0.8	2.8	274	0.8	3.0	34	1.1	3.8	1173
Total	3.1	7.2	560	3.8	7.8	616	3.2	8.8	583	1.9	5.3	541	1.5	4.2	77	3.0	7.4	2377

Average ethanol intakes per day (ml/day)
Light beer

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	5.9	9.6	266	5.4	11.8	331	3.1	6.4	297	1.7	5.2	267	1.4	3.2	43	4.0	8.8	1204
Female	2.1	5.7	294	1.4	4.9	285	1.2	4.4	286	0.5	2.4	275	0.0	0.0	34	1.3	4.5	1174
Total	3.9	8.0	560	3.6	9.5	616	2.2	5.6	583	1.1	4.1	542	0.8	2.5	77	2.7	7.2	2378

Average ethanol intakes per day (ml/day)
Wine

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.7	2.2	266	0.5	1.8	331	0.3	1.3	297	0.4	1.9	267	0.1	0.3	43	0.5	1.8	1204
Female	0.4	1.9	294	0.3	1.2	285	0.4	1.6	286	0.1	0.6	275	1.4	3.7	34	0.3	1.6	1174
Total	0.5	2.1	560	0.4	1.5	616	0.3	1.5	583	0.3	1.4	542	0.6	2.6	77	0.4	1.7	2378

Average ethanol intakes per day (ml/day)
Hard liquor (such as whisky, brandy, gin, vodka, rum, cocktails, etc.)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	1.4	6.2	266	1.6	6.4	331	1.3	5.7	297	1.4	5.7	267	0.7	3.0	43	1.4	5.9	1204
Female	0.1	0.9	294	0.1	0.8	285	0.4	3.5	286	0.1	0.7	275	0.0	0.0	34	0.2	1.8	1174
Total	0.7	4.4	560	0.9	4.8	616	0.9	4.8	583	0.7	4.0	542	0.4	2.2	77	0.8	4.5	2378

Average ethanol intakes per day (ml/day)
Total alcohol

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	30.2	34.6	266	36.9	41.2	331	27.5	30.8	297	23.3	27.4	267	13.5	19.4	43	29.3	34.3	1204
Female	7.3	14.1	294	5.2	12.0	285	5.6	13.3	286	3.2	8.8	274	2.6	5.1	34	5.3	12.2	1173
Total	18.2	28.4	560	22.3	35.0	616	16.8	26.3	583	13.1	22.6	541	8.7	15.8	77	17.4	28.5	2377

V. Bone Analysis

V. Bone Analysis

1) Bone mineral weight and density

1. Dual energy X-ray absorptiometry (DXA)

Whole body bone mineral weight

Whole body bone mineral density

Head bone mineral weight

Head bone mineral density

Left arm bone mineral weight

Left arm bone mineral density

Right arm bone mineral weight

Right arm bone mineral density

Left rib cage bone mineral weight

Left rib cage bone mineral density

Right rib cage bone mineral weight

Right rib cage bone mineral density

Thoracic spine bone mineral weight

Thoracic spine bone mineral density

Lumbar spine bone mineral weight

Lumbar bone mineral density

Pelvic bone mineral weight

Pelvic bone mineral density

Left leg bone mineral weight

Left leg bone mineral density

Right leg bone mineral weight

Right leg bone mineral density

Lumbar spine 2-4

Right and left femoral neck

Right and left trochanter region

Right and left Ward's triangle

2. Peripheral quantitative computed tomography (pQCT) (Fig.1)

D100: Cortical and trabecular bone density of ultradistal radius.

D50: Trabecular bone density over the core volume of ultradistal radius.

P100: Cortical bone density of proximal radius.

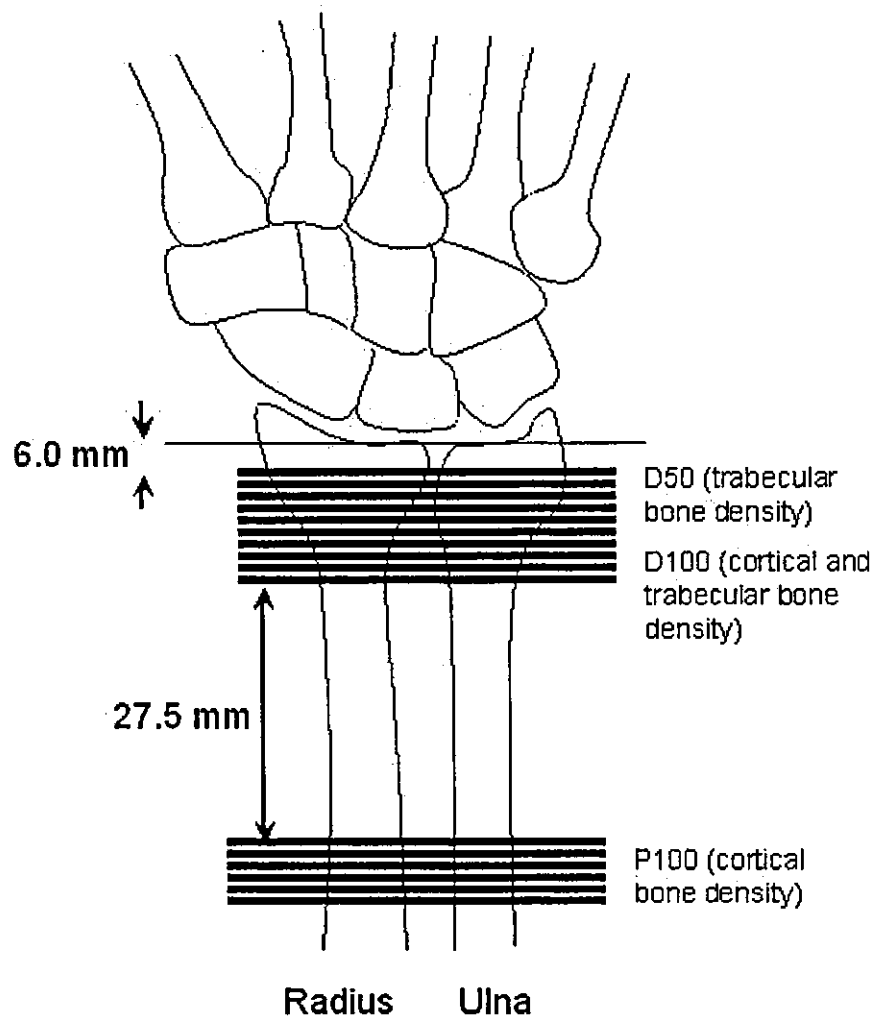


Fig. 1 Measurements of bone mineral density with pQCT (DENSISCAN 1000)

Bone mineral density

1. Dual energy X-ray absorptiometry (DXA) (Hologic QDR-4500)

Whole body bone mineral weight (g)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	2388.7	323.3	258	2326.6	321.7	323	2255.2	305.3	289	2087.4	311.8	258	1916.1	366.6	40	2255.8	340.6	1168
Female	1994.8	258.0	287	1779.7	267.6	283	1556.9	226.9	279	1383.1	224.8	261	1244.9	244.8	32	1673.7	341.5	1142
Total	2181.3	350.9	545	2071.2	403.8	606	1912.2	441.2	568	1733.2	444.8	519	1617.8	461.3	72	1968.0	448.3	2310

Whole body bone mineral density (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	1.127	0.098	258	1.112	0.094	323	1.105	0.099	289	1.063	0.103	258	1.025	0.120	40	1.100	0.103	1168
Female	1.097	0.083	287	1.019	0.104	283	0.928	0.084	279	0.877	0.085	261	0.838	0.087	32	0.979	0.124	1142
Total	1.111	0.092	545	1.068	0.109	606	1.018	0.127	568	0.969	0.132	519	0.942	0.141	72	1.040	0.129	2310

Head bone mineral weight (g)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	515.0	83.6	258	501.4	85.8	323	498.0	88.0	289	462.9	92.1	258	449.3	82.1	40	493.3	89.3	1168
Female	547.7	90.4	287	491.2	103.8	283	418.9	80.4	279	383.1	78.1	261	364.5	81.2	32	459.5	109.8	1142
Total	532.2	88.7	545	496.7	94.7	606	459.1	93.1	568	422.8	94.2	519	411.7	91.5	72	476.6	101.4	2310

Head bone mineral density (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	2.062	0.294	258	2.043	0.291	323	2.049	0.314	289	1.951	0.340	258	1.944	0.329	40	2.025	0.312	1168
Female	2.348	0.327	287	2.123	0.385	283	1.848	0.301	279	1.753	0.304	261	1.680	0.311	32	2.016	0.407	1142
Total	2.213	0.343	545	2.080	0.340	606	1.950	0.323	568	1.852	0.337	519	1.827	0.345	72	2.020	0.362	2310

Left arm bone mineral weight (g)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	175.0	24.5	258	172.2	25.8	323	166.9	25.7	289	155.6	24.3	258	143.6	29.8	40	166.9	26.6	1168
Female	122.7	16.8	287	110.9	17.1	283	96.8	15.5	279	85.5	16.0	261	78.0	18.8	32	103.7	21.9	1142
Total	147.5	33.4	545	143.6	37.8	606	132.5	41.0	568	120.3	40.7	519	114.4	41.5	72	135.6	39.9	2310

Left arm bone mineral density (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.786	0.052	258	0.779	0.059	323	0.768	0.060	289	0.744	0.059	258	0.718	0.073	40	0.768	0.061	1168
Female	0.679	0.041	287	0.640	0.048	283	0.594	0.047	279	0.561	0.048	261	0.544	0.049	32	0.618	0.065	1142
Total	0.730	0.071	545	0.714	0.088	606	0.682	0.102	568	0.652	0.106	519	0.640	0.108	72	0.694	0.098	2310

Right arm bone mineral weight (g)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	184.7	25.9	258	181.1	27.1	323	174.3	24.9	289	161.5	24.9	258	147.2	30.2	40	174.7	27.7	1168
Female	130.5	17.7	287	117.4	17.6	283	102.7	16.3	279	90.8	16.0	261	81.2	18.4	32	110.0	23.0	1142
Total	156.1	34.9	545	151.4	39.3	606	139.1	41.6	568	125.9	41.1	519	117.9	41.7	72	142.7	41.2	2310

Right arm bone mineral density (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.811	0.060	258	0.801	0.062	323	0.788	0.061	289	0.759	0.063	258	0.730	0.073	40	0.788	0.065	1168
Female	0.699	0.044	287	0.659	0.051	283	0.607	0.050	279	0.574	0.047	261	0.551	0.052	32	0.634	0.069	1142
Total	0.752	0.076	545	0.734	0.091	606	0.699	0.106	568	0.666	0.108	519	0.651	0.110	72	0.712	0.102	2310

Left rib cage bone mineral weight (g)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	88.0	18.2	258	85.4	15.0	323	82.7	14.9	289	76.2	15.2	258	68.6	17.1	40	82.7	16.6	1168
Female	72.2	12.7	287	65.4	13.0	283	58.7	10.7	279	54.9	10.6	261	49.3	9.5	32	62.6	13.6	1142
Total	79.7	17.4	545	76.1	17.3	606	70.9	17.7	568	65.5	16.9	519	60.0	17.1	72	72.8	18.2	2310

Left rib cage bone mineral density (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.648	0.089	258	0.632	0.066	323	0.631	0.067	289	0.607	0.070	258	0.585	0.088	40	0.628	0.075	1168
Female	0.603	0.056	287	0.554	0.059	283	0.512	0.050	279	0.493	0.046	261	0.467	0.048	32	0.539	0.069	1142
Total	0.624	0.077	545	0.595	0.074	606	0.572	0.084	568	0.550	0.082	519	0.533	0.094	72	0.584	0.085	2310

Right rib cage bone mineral weight (g)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	89.1	17.4	258	87.4	16.5	323	84.2	16.3	289	77.7	16.8	258	73.4	19.0	40	84.3	17.4	1168
Female	73.4	13.2	287	69.1	13.5	283	64.3	13.5	279	60.5	15.8	261	50.9	9.2	32	66.5	14.9	1142
Total	80.9	17.2	545	78.8	17.7	606	74.4	18.0	568	69.0	18.4	519	63.4	19.0	72	75.5	18.5	2310

Right rib cage bone mineral density (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.644	0.070	258	0.636	0.066	323	0.633	0.071	289	0.612	0.071	258	0.592	0.083	40	0.630	0.071	1168
Female	0.600	0.056	287	0.558	0.062	283	0.519	0.052	279	0.505	0.066	261	0.483	0.044	32	0.545	0.070	1142
Total	0.621	0.067	545	0.600	0.075	606	0.577	0.084	568	0.558	0.087	519	0.543	0.087	72	0.588	0.082	2310

Thoracic spine bone mineral weight (g)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	113.0	24.3	258	118.9	26.8	323	118.5	30.1	289	109.5	29.6	258	97.9	33.2	40	114.7	28.4	1168
Female	100.2	19.9	287	88.3	19.5	283	78.5	17.9	279	72.4	16.8	261	63.7	16.1	32	84.6	21.5	1142
Total	106.3	23.0	545	104.6	28.1	606	98.8	31.9	568	90.9	30.3	519	82.7	31.8	72	99.8	29.4	2310

Thoracic spine bone mineral density (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.833	0.108	258	0.850	0.121	323	0.877	0.134	289	0.858	0.148	258	0.843	0.184	40	0.855	0.131	1168
Female	0.849	0.099	287	0.771	0.112	283	0.695	0.094	279	0.654	0.089	261	0.610	0.058	32	0.741	0.125	1142
Total	0.842	0.104	545	0.813	0.123	606	0.788	0.148	568	0.756	0.159	519	0.739	0.183	72	0.798	0.140	2310

Lumbar spine bone mineral weight (g)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	60.5	14.1	258	59.5	14.2	323	60.2	15.2	289	56.7	16.6	258	54.6	21.2	40	59.1	15.3	1168
Female	55.7	10.9	287	46.3	12.0	283	38.7	10.2	279	33.2	9.9	261	29.2	9.8	32	43.3	13.8	1142
Total	58.0	12.7	545	53.4	14.7	606	49.6	16.9	568	44.9	18.0	519	43.3	21.2	72	51.3	16.6	2310

Lumbar bone mineral density (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.975	0.145	258	0.987	0.169	323	1.009	0.169	289	0.999	0.216	258	0.974	0.253	40	0.992	0.179	1168
Female	1.053	0.142	287	0.924	0.153	283	0.827	0.129	279	0.788	0.133	261	0.749	0.143	32	0.897	0.174	1142
Total	1.016	0.148	545	0.957	0.164	606	0.919	0.176	568	0.893	0.208	519	0.874	0.238	72	0.945	0.183	2310

Pelvic bone mineral weight (g)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	238.4	54.9	258	230.9	53.7	323	217.7	48.0	289	194.7	47.5	258	172.2	54.7	40	219.3	54.4	1168
Female	204.1	42.0	287	171.7	39.7	283	144.7	31.7	279	118.6	31.2	261	104.7	24.1	32	159.2	48.7	1142
Total	220.4	51.5	545	203.3	56.1	606	181.8	54.7	568	156.4	55.3	519	142.2	55.1	72	189.6	59.7	2310

Pelvic bone mineral density (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	1.138	0.143	258	1.127	0.143	323	1.110	0.139	289	1.057	0.145	258	0.978	0.150	40	1.105	0.148	1168
Female	1.156	0.130	287	1.077	0.150	283	0.996	0.125	279	0.904	0.136	261	0.849	0.105	32	1.031	0.166	1142
Total	1.148	0.137	545	1.104	0.149	606	1.054	0.144	568	0.980	0.160	519	0.920	0.146	72	1.068	0.161	2310

Left leg bone mineral weight (g)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	466.2	71.0	258	448.2	66.9	323	429.8	62.1	289	398.8	62.8	258	355.6	76.8	40	433.5	71.7	1168
Female	345.4	50.2	287	311.3	46.7	283	279.1	42.3	279	243.4	52.6	261	216.2	51.2	32	293.8	62.1	1142
Total	402.6	85.7	545	384.3	89.8	606	355.7	92.3	568	320.6	96.9	519	293.7	96.2	72	364.5	96.9	2310

Left leg bone mineral density (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	1.263	0.129	258	1.240	0.119	323	1.219	0.122	289	1.162	0.124	258	1.094	0.134	40	1.218	0.130	1168
Female	1.098	0.086	287	1.036	0.093	283	0.960	0.080	279	0.907	0.134	261	0.851	0.082	32	0.998	0.125	1142
Total	1.176	0.136	545	1.145	0.148	606	1.092	0.166	568	1.034	0.182	519	0.986	0.166	72	1.109	0.168	2310

Right leg bone mineral weight (g)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	458.8	69.0	258	441.6	63.7	323	423.1	60.3	289	393.8	61.5	258	353.6	75.0	40	427.2	69.3	1168
Female	342.7	47.8	287	308.0	45.1	283	274.7	42.3	279	240.8	51.8	261	207.2	50.8	32	290.4	61.5	1142
Total	397.7	82.6	545	379.2	86.9	606	350.2	90.7	568	316.9	95.4	519	288.5	97.9	72	359.6	94.7	2310

Right leg bone mineral density (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	1.240	0.121	258	1.222	0.109	323	1.198	0.119	289	1.149	0.116	258	1.082	0.124	40	1.199	0.123	1168
Female	1.095	0.081	287	1.033	0.092	283	0.959	0.092	279	0.902	0.149	261	0.838	0.082	32	0.995	0.130	1142
Total	1.163	0.125	545	1.133	0.139	606	1.081	0.160	568	1.025	0.182	519	0.974	0.163	72	1.098	0.162	2310

Lumbar spine 2-4 (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.979	0.138	260	0.988	0.153	323	1.010	0.163	290	0.996	0.206	258	0.949	0.245	41	0.992	0.169	1172
Female	1.030	0.130	289	0.906	0.148	284	0.812	0.128	280	0.775	0.140	263	0.717	0.148	32	0.879	0.170	1148
Total	1.006	0.136	549	0.950	0.156	607	0.913	0.177	570	0.884	0.207	521	0.847	0.237	73	0.936	0.179	2320

Lumbar spine 2-4 (percentage of Young Adult Mean (YAM))

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	93.5	13.2	260	94.3	14.6	323	96.5	15.5	290	95.0	19.6	259	90.6	23.2	41	94.7	16.2	1173
Female	101.9	12.8	289	89.6	14.7	284	80.3	12.7	280	76.7	13.8	263	70.9	14.5	32	86.9	16.8	1148
Total	97.9	13.7	549	92.1	14.8	607	88.5	16.3	570	85.8	19.3	522	82.0	22.0	73	90.9	16.9	2321

Right femoral neck (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.784	0.117	260	0.785	0.102	323	0.763	0.109	290	0.709	0.107	260	0.649	0.116	41	0.758	0.114	1174
Female	0.759	0.098	290	0.707	0.097	283	0.648	0.091	279	0.584	0.084	260	0.544	0.060	32	0.673	0.114	1144
Total	0.770	0.108	550	0.749	0.107	606	0.707	0.116	569	0.647	0.115	520	0.603	0.108	73	0.716	0.122	2318

Right trochanter region (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.678	0.111	260	0.695	0.103	323	0.694	0.111	290	0.649	0.108	260	0.591	0.127	41	0.677	0.111	1174
Female	0.650	0.090	290	0.608	0.097	283	0.551	0.089	279	0.492	0.092	260	0.454	0.086	32	0.574	0.111	1144
Total	0.663	0.101	550	0.654	0.109	606	0.624	0.124	569	0.571	0.128	520	0.531	0.130	73	0.626	0.122	2318

Right Ward' s triangle (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.622	0.137	260	0.591	0.124	323	0.551	0.130	290	0.474	0.120	260	0.416	0.113	41	0.556	0.140	1174
Female	0.645	0.123	290	0.565	0.128	283	0.458	0.125	279	0.376	0.109	260	0.331	0.086	32	0.510	0.160	1144
Total	0.634	0.130	550	0.579	0.126	606	0.505	0.136	569	0.425	0.125	520	0.379	0.110	73	0.533	0.152	2318

Left femoral neck (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.794	0.119	260	0.797	0.107	323	0.771	0.111	290	0.720	0.110	260	0.652	0.117	41	0.768	0.118	1174
Female	0.761	0.096	291	0.711	0.090	283	0.652	0.084	280	0.589	0.080	259	0.551	0.062	31	0.677	0.110	1144
Total	0.777	0.109	551	0.757	0.109	606	0.712	0.115	570	0.635	0.116	519	0.608	0.109	72	0.723	0.122	2318

Left trochanter region (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.688	0.112	260	0.703	0.105	323	0.704	0.116	290	0.654	0.112	260	0.595	0.129	41	0.685	0.115	1174
Female	0.650	0.090	291	0.612	0.100	283	0.557	0.085	280	0.498	0.088	259	0.465	0.068	31	0.579	0.108	1144
Total	0.668	0.103	551	0.661	0.112	606	0.632	0.126	570	0.576	0.127	519	0.539	0.125	72	0.633	0.123	2318

Left Ward' s triangle (g/cm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.621	0.146	260	0.585	0.126	323	0.538	0.126	290	0.472	0.119	260	0.398	0.131	41	0.550	0.143	1174
Female	0.641	0.122	291	0.556	0.123	283	0.443	0.114	280	0.364	0.103	259	0.341	0.080	31	0.501	0.157	1144
Total	0.632	0.134	551	0.571	0.125	606	0.492	0.129	570	0.418	0.124	519	0.373	0.115	72	0.525	0.152	2318