

**Chile - The probabilities of a major osteoporotic fracture in men**

The following tables give the 10-year probability (%) of a major osteoporotic fracture (hip, clinical spine, forearm or proximal humerus fracture) according to body mass index (BMI kg/m<sup>2</sup>), the number of clinical risk factors (CRF) and age. Each table provides a mean estimate and a range, based on the epidemiology of Chile. The range is not a confidence interval, but because the weight of different risk factors varies, is a true range.

**Age = 50 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.0	0.9	0.9	0.8	0.7	0.6	0.5
1	1.6 (1.1-2.4)	1.5 (1.0-2.1)	1.4 (1.0-2.0)	1.2 (0.8-1.7)	1.1 (0.7-1.5)	0.9 (0.6-1.3)	0.8 (0.6-1.1)
2	2.6 (1.4-4.3)	2.3 (1.2-4.0)	2.2 (1.2-3.9)	1.9 (1.0-3.4)	1.7 (0.9-3.0)	1.5 (0.8-2.6)	1.3 (0.7-2.3)
3	4.1 (2.0-7.1)	3.6 (1.7-6.5)	3.4 (1.6-6.3)	2.9 (1.4-5.4)	2.5 (1.2-4.7)	2.2 (1.0-4.1)	1.9 (0.9-3.6)
4	6.4 (3.4-10)	5.6 (2.9-9.1)	5.1 (2.6-8.5)	4.4 (2.3-7.4)	3.8 (2.0-6.4)	3.3 (1.7-5.6)	2.9 (1.5-4.9)
5	9.9 (5.9-13)	8.4 (5.3-11)	7.6 (5.0-10)	6.5 (4.3-9.0)	5.7 (3.8-7.8)	4.9 (3.3-6.8)	4.2 (2.8-5.9)
6	15	13	11	9.6	8.3	7.2	6.2

Ten year probability of osteoporotic fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in men from Chile.

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.2	1.1	1.1	0.9	0.8	0.7	0.6
1	2.0 (1.4-3.0)	1.8 (1.2-2.5)	1.7 (1.1-2.3)	1.5 (1.0-2.0)	1.3 (0.9-1.7)	1.1 (0.7-1.5)	0.9 (0.6-1.3)
2	3.2 (1.8-5.1)	2.8 (1.5-4.7)	2.6 (1.4-4.4)	2.2 (1.2-3.9)	1.9 (1.0-3.4)	1.7 (0.9-2.9)	1.5 (0.8-2.5)
3	5.1 (2.7-8.4)	4.4 (2.2-7.6)	4.0 (2.0-7.1)	3.4 (1.7-6.2)	2.9 (1.4-5.4)	2.5 (1.2-4.7)	2.2 (1.1-4.0)
4	7.9 (4.5-12)	6.7 (3.8-11)	6.0 (3.3-9.8)	5.2 (2.8-8.5)	4.4 (2.4-7.3)	3.8 (2.0-6.3)	3.3 (1.7-5.5)
5	12 (7.5-16)	10 (6.5-13)	9.0 (6.0-12)	7.7 (5.2-10)	6.6 (4.4-8.9)	5.6 (3.8-7.7)	4.9 (3.3-6.7)
6	18	15	13	11	9.6	8.3	7.1

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.7	1.5	1.4	1.2	1.0	0.9	0.8
1	2.7 (1.9-3.9)	2.4 (1.6-3.3)	2.2 (1.5-2.9)	1.9 (1.3-2.5)	1.6 (1.1-2.2)	1.4 (0.9-1.9)	1.2 (0.8-1.6)
2	4.3 (2.5-6.5)	3.7 (2.1-5.9)	3.4 (1.9-5.5)	2.9 (1.6-4.8)	2.5 (1.4-4.1)	2.1 (1.2-3.6)	1.8 (1.0-3.1)
3	6.7 (4.0-10)	5.7 (3.2-9.3)	5.1 (2.7-8.8)	4.4 (2.3-7.6)	3.7 (1.9-6.5)	3.2 (1.6-5.6)	2.7 (1.4-4.8)
4	10 (6.2-15)	8.7 (5.3-13)	7.7 (4.5-12)	6.5 (3.8-10)	5.6 (3.2-9.0)	4.7 (2.6-7.7)	4.0 (2.2-6.6)
5	15 (10-20)	13 (8.7-17)	11 (7.8-15)	9.6 (6.6-13)	8.2 (5.6-11)	7.0 (4.8-9.5)	5.9 (4.1-8.1)
6	23	19	17	14	12	10	8.6

Ten year probability of osteoporotic fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in men from Chile.

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.3	2.0	1.9	1.6	1.4	1.2	1.0
1	3.6 (2.6-5.0)	3.2 (2.2-4.3)	2.9 (2.0-3.8)	2.4 (1.7-3.2)	2.1 (1.4-2.7)	1.8 (1.2-2.3)	1.5 (1.0-2.0)
2	5.6 (3.6-8.0)	4.9 (3.0-7.3)	4.4 (2.6-6.9)	3.7 (2.2-5.9)	3.1 (1.8-5.1)	2.7 (1.5-4.4)	2.3 (1.3-3.8)
3	8.6 (5.6-12)	7.4 (4.6-11)	6.6 (3.8-11)	5.6 (3.2-9.2)	4.7 (2.6-7.9)	4.0 (2.2-6.7)	3.4 (1.8-5.8)
4	13 (8.5-18)	11 (7.4-16)	9.8 (6.3-15)	8.3 (5.2-13)	7.0 (4.3-11)	5.9 (3.5-9.3)	5.0 (2.9-8.0)
5	19 (13-24)	16 (12-21)	14 (10-19)	12 (8.7-16)	10 (7.3-14)	8.6 (6.1-12)	7.2 (5.1-9.9)
6	26	23	21	17	15	12	10

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.1	2.7	2.5	2.1	1.7	1.5	1.2
1	4.9 (3.5-6.2)	4.2 (3.1-5.4)	3.7 (2.7-4.8)	3.1 (2.2-4.0)	2.6 (1.9-3.4)	2.2 (1.5-2.8)	1.8 (1.3-2.4)
2	7.7 (4.9-11)	6.6 (4.2-9.6)	5.7 (3.6-8.1)	4.7 (2.9-6.8)	3.9 (2.4-5.6)	3.2 (2.0-4.7)	2.7 (1.6-3.9)
3	12 (7.3-18)	10 (6.4-15)	8.6 (5.4-13)	7.0 (4.4-11)	5.8 (3.6-8.8)	4.8 (3.0-7.3)	3.9 (2.4-6.0)
4	18 (12-25)	15 (10-22)	13 (8.7-19)	11 (7.0-16)	8.7 (5.7-13)	7.1 (4.6-11)	5.8 (3.7-8.8)
5	26 (21-33)	23 (19-29)	19 (16-25)	16 (13-21)	13 (10-17)	11 (8.2-14)	8.6 (6.6-12)
6	36	33	28	23	19	16	13

Ten year probability of osteoporotic fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in men from Chile.

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.2	3.7	3.4	2.8	2.3	1.9	1.6
1	7.0 (4.7-11)	6.1 (4.2-9.0)	5.2 (3.7-7.0)	4.3 (3.0-5.6)	3.5 (2.4-4.5)	2.8 (2.0-3.6)	2.3 (1.6-2.9)
2	11 (6.6-19)	9.8 (5.8-16)	8.2 (5.0-12)	6.7 (4.0-9.9)	5.4 (3.3-8.0)	4.3 (2.6-6.4)	3.5 (2.1-5.2)
3	18 (9.4-29)	16 (8.5-24)	13 (7.6-19)	10 (6.1-16)	8.4 (4.9-13)	6.7 (3.9-10)	5.4 (3.1-8.1)
4	27 (15-38)	24 (13-34)	20 (12-29)	16 (9.5-24)	13 (7.6-19)	10 (6.0-16)	8.3 (4.8-13)
5	37 (24-47)	34 (22-43)	30 (20-38)	25 (16-32)	20 (13-26)	16 (11-21)	13 (8.6-17)
6	49	46	42	35	29	24	19

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	5.3	4.8	4.4	3.6	3.0	2.4	2.0
1	8.7 (5.8-14)	7.7 (5.2-12)	6.8 (4.8-9.6)	5.5 (3.8-7.6)	4.5 (3.1-6.1)	3.6 (2.5-4.8)	2.9 (2.0-3.8)
2	14 (8.2-22)	12 (7.4-19)	10 (6.5-15)	8.4 (5.2-12)	6.8 (4.2-9.7)	5.4 (3.3-7.7)	4.3 (2.7-6.2)
3	21 (12-31)	18 (10-27)	16 (9.5-23)	13 (7.6-19)	10 (6.0-15)	8.2 (4.8-12)	6.5 (3.8-9.6)
4	30 (17-41)	27 (16-36)	24 (15-33)	19 (12-27)	15 (9.4-22)	12 (7.4-18)	9.8 (5.9-14)
5	41 (26-50)	37 (24-46)	34 (22-42)	28 (18-35)	23 (15-29)	18 (12-24)	15 (9.4-19)
6	53	49	45	38	32	26	21

Ten year probability of osteoporotic fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in men from Chile.

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	5.9	5.5	5.3	4.3	3.5	2.8	2.3
1	9.5 (6.4-16)	8.7 (5.9-14)	8.0 (5.6-12)	6.5 (4.4-9.1)	5.2 (3.6-7.2)	4.2 (2.9-5.7)	3.4 (2.3-4.5)
2	15 (8.9-24)	13 (8.2-21)	12 (7.6-18)	9.8 (6.0-14)	7.8 (4.8-11)	6.3 (3.8-9.1)	5.0 (3.1-7.3)
3	22 (13-33)	20 (11-30)	18 (11-27)	15 (8.5-22)	12 (6.7-17)	9.3 (5.3-14)	7.4 (4.2-11)
4	32 (19-43)	29 (17-39)	26 (16-36)	21 (13-30)	17 (10-24)	14 (8.2-20)	11 (6.5-16)
5	42 (28-51)	39 (26-48)	36 (24-45)	30 (20-38)	25 (16-32)	20 (13-26)	16 (10-21)
6	54	51	48	41	34	28	23

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	6.1	5.5	5.0	4.0	3.3	2.6	2.1
1	10 (6.8-17)	8.8 (6.0-14)	7.9 (5.4-12)	6.3 (4.3-9.2)	5.0 (3.4-7.3)	4.0 (2.7-5.7)	3.2 (2.2-4.5)
2	16 (9.6-26)	14 (8.5-22)	12 (7.5-18)	9.7 (5.9-15)	7.7 (4.7-12)	6.1 (3.7-9.2)	4.9 (3.0-7.2)
3	24 (14-35)	21 (12-31)	18 (11-27)	15 (8.6-22)	12 (6.8-18)	9.4 (5.3-14)	7.4 (4.2-11)
4	33 (20-45)	30 (18-40)	27 (17-37)	22 (13-30)	18 (11-25)	14 (8.4-20)	11 (6.6-16)
5	44 (30-53)	41 (27-50)	37 (25-46)	31 (20-39)	26 (16-33)	21 (13-27)	17 (10-22)
6	54	52	49	42	36	30	24