

**Chile - The probabilities of a hip fracture in men**

The following tables give the 10-year probability (%) of a hip fracture according to the T-score for femoral neck BMD, 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.

Note that the BMI is set at 24 kg/m<sup>2</sup>.

**Age = 50 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	7.4	3.9	2.1	1.1	0.6	0.3	0.2	0.1	0.0	0.0	0.0
1	12 (7.7-15)	6.3 (4.1-8.2)	3.3 (2.2-4.4)	1.8 (1.1-2.3)	0.9 (0.6-1.2)	0.5 (0.3-0.6)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)
2	18 (11-26)	9.8 (5.8-15)	5.3 (3.1-8.0)	2.8 (1.6-4.3)	1.5 (0.9-2.2)	0.8 (0.5-1.2)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.1)
3	26 (16-39)	15 (8.7-23)	8.2 (4.7-13)	4.4 (2.5-7.1)	2.3 (1.3-3.8)	1.2 (0.7-2.0)	0.6 (0.4-1.1)	0.3 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
4	38 (26-53)	22 (14-33)	13 (7.8-19)	6.8 (4.2-11)	3.6 (2.2-5.7)	1.9 (1.2-3.0)	1.0 (0.6-1.6)	0.5 (0.3-0.8)	0.3 (0.2-0.5)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
5	51 (41-65)	32 (25-43)	19 (14-26)	10 (7.6-15)	5.6 (4.0-8.0)	3.0 (2.1-4.3)	1.6 (1.1-2.3)	0.8 (0.6-1.2)	0.4 (0.3-0.6)	0.2 (0.2-0.4)	0.1 (0.1-0.2)
6	66	45	27	15	8.4	4.5	2.4	1.3	0.7	0.4	0.2

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

**Age = 55 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	8.0	4.4	2.4	1.3	0.7	0.4	0.2	0.1	0.1	0.0	0.0
1	12 (8.4-15)	6.9 (4.7-8.5)	3.8 (2.6-4.8)	2.1 (1.4-2.6)	1.1 (0.8-1.4)	0.6 (0.4-0.8)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)	0.0 (0.0-0.0)
2	18 (12-26)	11 (6.6-15)	5.9 (3.6-8.5)	3.3 (2.0-4.7)	1.8 (1.1-2.6)	1.0 (0.6-1.4)	0.5 (0.3-0.8)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)
3	27 (17-38)	16 (9.8-24)	9.0 (5.5-14)	5.0 (3.0-7.8)	2.8 (1.7-4.3)	1.5 (0.9-2.4)	0.8 (0.5-1.3)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	0.1 (0.1-0.1)
4	38 (27-51)	23 (16-33)	14 (9.1-20)	7.7 (5.0-12)	4.3 (2.8-6.5)	2.4 (1.5-3.6)	1.3 (0.8-2.0)	0.7 (0.5-1.1)	0.4 (0.3-0.6)	0.2 (0.1-0.4)	0.1 (0.1-0.2)
5	50 (43-63)	33 (27-43)	20 (16-27)	11 (9.0-16)	6.5 (5.0-9.2)	3.6 (2.8-5.1)	2.0 (1.5-2.8)	1.1 (0.8-1.6)	0.6 (0.5-0.9)	0.3 (0.3-0.5)	0.2 (0.2-0.3)
6	64	45	28	17	9.6	5.4	3.0	1.6	0.9	0.5	0.3

**Age = 60 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	8.0	4.7	2.8	1.6	0.9	0.5	0.3	0.2	0.1	0.1	0.0
1	12 (8.4-14)	7.2 (5.0-8.4)	4.2 (2.9-5.0)	2.5 (1.7-2.9)	1.4 (1.0-1.7)	0.8 (0.6-1.0)	0.5 (0.3-0.6)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)
2	18 (12-23)	11 (7.0-15)	6.4 (4.1-8.7)	3.8 (2.4-5.2)	2.2 (1.4-3.0)	1.3 (0.8-1.8)	0.7 (0.5-1.0)	0.4 (0.3-0.6)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
3	25 (17-34)	16 (10-22)	9.6 (6.2-14)	5.7 (3.7-8.3)	3.3 (2.1-4.9)	2.0 (1.2-2.9)	1.1 (0.7-1.7)	0.7 (0.4-1.0)	0.4 (0.3-0.6)	0.2 (0.2-0.4)	0.1 (0.1-0.2)
4	35 (26-46)	23 (16-31)	14 (10-20)	8.4 (5.9-12)	5.0 (3.5-7.4)	2.9 (2.0-4.4)	1.7 (1.2-2.6)	1.0 (0.7-1.5)	0.6 (0.4-0.9)	0.4 (0.3-0.5)	0.2 (0.2-0.3)
5	46 (40-57)	31 (27-41)	20 (17-27)	12 (10-17)	7.4 (6.1-10)	4.4 (3.6-6.1)	2.6 (2.1-3.6)	1.5 (1.2-2.1)	0.9 (0.7-1.3)	0.5 (0.5-0.8)	0.3 (0.3-0.5)
6	58	42	28	18	11	6.5	3.8	2.2	1.4	0.8	0.5

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

**Age = 65 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	8.1	5.1	3.2	2.0	1.2	0.8	0.5	0.3	0.2	0.1	0.1
1	12 (8.5-14)	7.5 (5.4-8.6)	4.7 (3.3-5.5)	2.9 (2.1-3.4)	1.8 (1.3-2.1)	1.1 (0.8-1.3)	0.7 (0.5-0.8)	0.4 (0.3-0.5)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
2	17 (12-21)	11 (7.5-14)	6.9 (4.7-8.9)	4.4 (2.9-5.6)	2.7 (1.8-3.5)	1.7 (1.1-2.2)	1.0 (0.7-1.4)	0.6 (0.4-0.9)	0.4 (0.3-0.5)	0.3 (0.2-0.3)	0.2 (0.1-0.2)
3	24 (17-30)	16 (11-20)	10 (7.1-13)	6.4 (4.4-8.6)	4.0 (2.8-5.5)	2.5 (1.7-3.4)	1.5 (1.1-2.1)	1.0 (0.7-1.3)	0.6 (0.4-0.9)	0.4 (0.3-0.6)	0.2 (0.2-0.4)
4	32 (26-40)	22 (17-29)	14 (11-19)	9.2 (7.0-13)	5.8 (4.4-8.2)	3.7 (2.7-5.2)	2.3 (1.7-3.2)	1.4 (1.1-2.0)	0.9 (0.7-1.3)	0.6 (0.4-0.8)	0.4 (0.3-0.5)
5	41 (37-50)	29 (26-37)	20 (18-26)	13 (11-17)	8.4 (7.2-11)	5.3 (4.5-7.3)	3.3 (2.8-4.6)	2.1 (1.8-2.9)	1.3 (1.1-1.9)	0.9 (0.7-1.2)	0.5 (0.5-0.8)
6	52	39	27	18	12	7.6	4.8	3.0	2.0	1.3	0.8

**Age = 70 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	8.3	5.6	3.7	2.4	1.6	1.1	0.7	0.5	0.3	0.2	0.1
1	13 (12-17)	8.9 (7.8-11)	5.9 (5.2-7.7)	3.9 (3.4-5.1)	2.6 (2.3-3.4)	1.7 (1.5-2.2)	1.1 (1.0-1.5)	0.8 (0.7-1.0)	0.5 (0.4-0.7)	0.3 (0.3-0.4)	0.2 (0.2-0.3)
2	20 (16-25)	14 (11-18)	9.4 (7.7-12)	6.3 (5.2-8.4)	4.2 (3.4-5.6)	2.8 (2.3-3.7)	1.8 (1.5-2.5)	1.2 (1.0-1.7)	0.8 (0.7-1.1)	0.6 (0.5-0.8)	0.4 (0.3-0.5)
3	29 (23-35)	21 (17-26)	14 (11-18)	9.9 (7.7-13)	6.7 (5.2-8.5)	4.5 (3.4-5.7)	3.0 (2.3-3.8)	2.0 (1.5-2.6)	1.4 (1.0-1.7)	0.9 (0.7-1.2)	0.6 (0.5-0.8)
4	40 (33-46)	30 (24-35)	22 (17-26)	15 (12-18)	10 (7.9-13)	7.1 (5.3-8.5)	4.7 (3.5-5.7)	3.2 (2.4-3.9)	2.2 (1.6-2.6)	1.5 (1.1-1.8)	1.0 (0.7-1.2)
5	51 (43-55)	41 (33-44)	31 (25-34)	23 (18-25)	16 (12-18)	11 (8.4-12)	7.4 (5.6-8.3)	5.1 (3.8-5.7)	3.5 (2.6-3.9)	2.4 (1.8-2.7)	1.6 (1.2-1.8)
6	62	52	42	32	24	17	12	8.0	5.5	3.8	2.6

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

**Age = 75 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	8.2	5.8	4.1	2.9	2.0	1.4	1.0	0.7	0.5	0.4	0.3
1	15 (11-29)	11 (8.1-22)	7.7 (5.8-16)	5.5 (4.1-12)	3.9 (2.8-8.4)	2.7 (2.0-5.9)	1.9 (1.4-4.1)	1.4 (1.0-3.0)	1.0 (0.7-2.1)	0.7 (0.5-1.5)	0.5 (0.4-1.1)
2	24 (15-39)	18 (11-31)	13 (8.1-24)	9.6 (5.7-18)	6.9 (4.0-13)	4.9 (2.8-9.3)	3.5 (2.0-6.6)	2.5 (1.4-4.8)	1.8 (1.0-3.5)	1.3 (0.7-2.5)	0.9 (0.5-1.8)
3	35 (21-49)	27 (15-41)	21 (11-32)	16 (8.1-25)	12 (5.8-19)	8.4 (4.1-14)	6.0 (2.9-9.8)	4.4 (2.1-7.2)	3.2 (1.5-5.2)	2.3 (1.1-3.8)	1.6 (0.8-2.7)
4	47 (28-58)	39 (22-50)	31 (16-41)	24 (12-32)	19 (8.6-25)	14 (6.1-19)	10 (4.3-14)	7.4 (3.1-10)	5.4 (2.3-7.4)	3.9 (1.6-5.4)	2.8 (1.2-3.9)
5	59 (37-65)	51 (30-58)	43 (23-50)	35 (17-41)	28 (13-32)	21 (9.2-25)	16 (6.6-18)	12 (4.8-14)	8.9 (3.5-10)	6.5 (2.6-7.6)	4.8 (1.9-5.6)
6	69	63	56	48	39	31	24	19	14	11	7.8

**Age = 80 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	7.1	5.3	3.9	2.9	2.1	1.6	1.2	0.9	0.7	0.5	0.4
1	13 (9.2-26)	9.6 (6.9-20)	7.2 (5.1-16)	5.4 (3.8-12)	4.0 (2.8-8.9)	3.0 (2.1-6.6)	2.2 (1.5-5.0)	1.7 (1.2-3.8)	1.3 (0.9-2.9)	1.0 (0.7-2.2)	0.7 (0.5-1.6)
2	20 (12-35)	16 (9.3-28)	12 (7.0-22)	9.3 (5.3-17)	7.1 (3.9-13)	5.3 (2.9-10)	4.0 (2.2-7.6)	3.0 (1.6-5.9)	2.3 (1.2-4.5)	1.8 (0.9-3.4)	1.3 (0.7-2.6)
3	30 (17-44)	24 (13-37)	19 (9.7-30)	15 (7.3-24)	12 (5.5-19)	8.8 (4.1-15)	6.7 (3.1-11)	5.2 (2.3-8.7)	4.0 (1.8-6.7)	3.0 (1.4-5.2)	2.3 (1.0-3.9)
4	41 (23-53)	35 (18-46)	28 (14-38)	23 (11-31)	18 (8.1-25)	14 (6.1-20)	11 (4.6-15)	8.4 (3.5-12)	6.5 (2.7-9.3)	5.0 (2.1-7.2)	3.9 (1.6-5.5)
5	53 (31-59)	46 (25-52)	39 (20-45)	33 (15-38)	27 (12-31)	21 (9.0-25)	17 (6.9-20)	13 (5.3-16)	10 (4.1-13)	8.1 (3.1-9.8)	6.2 (2.4-7.6)
6	64	58	51	44	37	31	25	20	16	13	9.8

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

**Age = 85 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	5.4	4.2	3.3	2.6	2.0	1.5	1.2	1.0	0.8	0.6	0.5
1	9.5 (7.0-20)	7.6 (5.5-16)	6.0 (4.3-13)	4.7 (3.3-10)	3.7 (2.6-8.2)	2.9 (2.0-6.5)	2.3 (1.6-5.1)	1.8 (1.3-4.1)	1.5 (1.0-3.3)	1.2 (0.8-2.7)	0.9 (0.6-2.1)
2	15 (9.0-28)	13 (7.2-23)	10 (5.7-19)	8.1 (4.4-15)	6.4 (3.5-12)	5.0 (2.7-9.6)	4.0 (2.2-7.7)	3.2 (1.7-6.2)	2.6 (1.4-5.0)	2.1 (1.1-4.0)	1.7 (0.9-3.2)
3	23 (12-36)	19 (9.9-30)	16 (7.9-25)	13 (6.2-21)	10 (4.9-17)	8.3 (3.8-14)	6.7 (3.0-11)	5.4 (2.5-9.1)	4.4 (2.0-7.4)	3.5 (1.6-6.0)	2.9 (1.3-4.8)
4	33 (17-44)	28 (14-38)	24 (11-32)	20 (8.8-27)	16 (7.0-23)	13 (5.5-18)	11 (4.4-15)	8.7 (3.6-12)	7.1 (2.9-10)	5.8 (2.3-8.3)	4.7 (1.9-6.8)
5	44 (24-50)	39 (20-45)	33 (16-39)	28 (13-33)	24 (10-28)	20 (8.2-23)	16 (6.6-19)	13 (5.4-16)	11 (4.4-13)	9.1 (3.5-11)	7.4 (2.8-8.9)
6	56	50	45	39	33	28	24	20	17	14	11

**Age = 90 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	3.8	3.1	2.5	2.1	1.7	1.4	1.1	1.0	0.8	0.7	0.6
1	7.0 (5.0-15)	5.7 (4.1-13)	4.7 (3.3-10)	3.9 (2.7-8.6)	3.2 (2.2-7.0)	2.6 (1.8-5.8)	2.1 (1.5-4.8)	1.8 (1.3-4.1)	1.5 (1.0-3.4)	1.3 (0.9-2.9)	1.1 (0.7-2.4)
2	12 (6.6-21)	9.7 (5.4-18)	8.1 (4.5-15)	6.7 (3.6-13)	5.5 (3.0-10)	4.5 (2.4-8.6)	3.8 (2.0-7.2)	3.2 (1.7-6.1)	2.7 (1.4-5.1)	2.2 (1.2-4.3)	1.9 (1.0-3.6)
3	18 (9.1-29)	15 (7.6-25)	13 (6.2-21)	11 (5.1-18)	9.0 (4.2-15)	7.5 (3.4-12)	6.3 (2.9-11)	5.3 (2.4-9.0)	4.5 (2.0-7.6)	3.8 (1.7-6.4)	3.2 (1.4-5.4)
4	27 (13-36)	23 (11-32)	20 (8.9-27)	17 (7.4-23)	14 (6.1-20)	12 (5.0-17)	10 (4.2-14)	8.6 (3.6-12)	7.3 (3.0-11)	6.2 (2.5-8.9)	5.3 (2.1-7.6)
5	37 (18-43)	33 (15-38)	28 (13-33)	25 (11-29)	21 (9.0-25)	18 (7.5-21)	15 (6.3-18)	13 (5.3-16)	11 (4.5-14)	9.8 (3.8-12)	8.3 (3.2-10)
6	48	44	39	34	30	26	23	20	17	15	13