

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

The following tables give the 10-year probability (%) of a hip 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	0.2	0.1	0.1	0.1	0.0	0.0	0.0
1	0.4 (0.3-0.8)	0.2 (0.1-0.4)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)	0.0 (0.0-0.1)
2	0.8 (0.4-1.6)	0.4 (0.2-0.9)	0.2 (0.1-0.5)	0.2 (0.1-0.4)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.2)
3	1.4 (0.6-2.8)	0.8 (0.3-1.6)	0.4 (0.2-0.9)	0.3 (0.1-0.7)	0.3 (0.1-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
4	2.6 (1.0-4.2)	1.5 (0.6-2.4)	0.8 (0.3-1.3)	0.6 (0.2-1.0)	0.5 (0.2-0.8)	0.4 (0.1-0.6)	0.3 (0.1-0.5)
5	4.5 (2.0-6.0)	2.6 (1.2-3.5)	1.5 (0.7-2.0)	1.1 (0.5-1.5)	0.9 (0.4-1.2)	0.7 (0.3-0.9)	0.5 (0.2-0.7)
6	7.8	4.6	2.6	2.0	1.6	1.2	0.9

Ten year probability of hip 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	0.4	0.2	0.1	0.1	0.1	0.1	0.0
1	0.7 (0.5-1.2)	0.4 (0.3-0.7)	0.2 (0.2-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)
2	1.3 (0.7-2.4)	0.7 (0.4-1.4)	0.4 (0.2-0.8)	0.3 (0.2-0.6)	0.2 (0.1-0.5)	0.2 (0.1-0.4)	0.1 (0.1-0.3)
3	2.3 (1.0-4.2)	1.3 (0.6-2.5)	0.7 (0.3-1.4)	0.6 (0.3-1.1)	0.4 (0.2-0.8)	0.3 (0.2-0.7)	0.3 (0.1-0.5)
4	4.0 (1.8-6.4)	2.4 (1.1-3.8)	1.3 (0.6-2.2)	1.0 (0.5-1.7)	0.8 (0.4-1.3)	0.6 (0.3-1.0)	0.5 (0.2-0.8)
5	6.9 (3.5-8.9)	4.1 (2.1-5.4)	2.4 (1.2-3.1)	1.8 (0.9-2.4)	1.4 (0.7-1.9)	1.1 (0.6-1.5)	0.8 (0.4-1.1)
6	11	7.0	4.1	3.2	2.5	1.9	1.5

Age = 60 years

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.7	0.4	0.2	0.2	0.1	0.1	0.1
1	1.2 (0.9-1.9)	0.7 (0.5-1.1)	0.4 (0.3-0.7)	0.3 (0.2-0.5)	0.2 (0.2-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
2	2.1 (1.2-3.6)	1.3 (0.7-2.3)	0.7 (0.4-1.3)	0.6 (0.3-1.0)	0.4 (0.3-0.8)	0.3 (0.2-0.6)	0.3 (0.2-0.5)
3	3.6 (1.9-6.3)	2.2 (1.1-3.9)	1.3 (0.7-2.3)	1.0 (0.5-1.8)	0.8 (0.4-1.4)	0.6 (0.3-1.1)	0.5 (0.2-0.8)
4	6.1 (3.2-9.5)	3.8 (2.0-6.0)	2.3 (1.2-3.5)	1.8 (0.9-2.7)	1.4 (0.7-2.1)	1.0 (0.5-1.6)	0.8 (0.4-1.3)
5	10 (5.9-13)	6.4 (3.8-8.2)	3.9 (2.3-5.0)	3.0 (1.8-3.9)	2.3 (1.4-3.0)	1.8 (1.1-2.3)	1.4 (0.8-1.8)
6	16	11	6.6	5.1	3.9	3.0	2.3

Ten year probability of hip 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	1.2	0.7	0.4	0.3	0.3	0.2	0.2
1	2.0 (1.5-2.9)	1.3 (1.0-1.8)	0.8 (0.6-1.1)	0.6 (0.4-0.8)	0.4 (0.3-0.6)	0.3 (0.3-0.5)	0.3 (0.2-0.4)
2	3.3 (2.1-5.1)	2.1 (1.3-3.4)	1.3 (0.8-2.1)	1.0 (0.6-1.6)	0.8 (0.5-1.3)	0.6 (0.4-1.0)	0.5 (0.3-0.7)
3	5.5 (3.1-8.8)	3.6 (2.0-5.9)	2.2 (1.2-3.7)	1.7 (1.0-2.9)	1.3 (0.7-2.2)	1.0 (0.6-1.7)	0.8 (0.4-1.3)
4	8.7 (5.3-13)	5.9 (3.5-8.9)	3.7 (2.2-5.6)	2.9 (1.7-4.3)	2.2 (1.3-3.3)	1.7 (1.0-2.6)	1.3 (0.8-2.0)
5	14 (9.1-17)	9.5 (6.4-12)	6.2 (4.2-7.7)	4.8 (3.2-6.0)	3.7 (2.5-4.6)	2.8 (1.9-3.5)	2.2 (1.4-2.7)
6	20	15	10	7.8	6.0	4.6	3.6

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.0	1.3	0.8	0.6	0.5	0.4	0.3
1	3.4 (2.5-4.2)	2.3 (1.8-2.8)	1.5 (1.2-1.8)	1.1 (0.9-1.4)	0.9 (0.7-1.0)	0.7 (0.5-0.8)	0.5 (0.4-0.6)
2	5.8 (3.8-8.5)	4.1 (2.7-5.9)	2.7 (1.8-3.7)	2.0 (1.3-2.9)	1.6 (1.0-2.2)	1.2 (0.8-1.7)	0.9 (0.6-1.3)
3	9.6 (5.9-14)	7.0 (4.5-10)	4.7 (3.1-6.9)	3.6 (2.4-5.3)	2.8 (1.8-4.1)	2.1 (1.4-3.1)	1.6 (1.1-2.4)
4	15 (9.9-22)	12 (7.7-17)	8.1 (5.5-12)	6.2 (4.2-9.2)	4.8 (3.2-7.1)	3.7 (2.5-5.5)	2.8 (1.9-4.2)
5	23 (19-30)	19 (15-24)	14 (11-17)	11 (8.7-14)	8.2 (6.7-11)	6.3 (5.1-8.2)	4.8 (3.9-6.3)
6	33	28	22	17	14	11	8.1

Ten year probability of hip 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	3.1	2.2	1.5	1.1	0.9	0.7	0.5
1	5.7 (3.7-10)	4.2 (2.8-7.5)	2.9 (2.0-5.1)	2.2 (1.5-3.9)	1.7 (1.1-3.0)	1.3 (0.9-2.3)	1.0 (0.7-1.7)
2	9.9 (5.5-17)	7.6 (4.3-13)	5.4 (3.0-9.0)	4.1 (2.3-7.0)	3.1 (1.7-5.4)	2.4 (1.3-4.1)	1.8 (1.0-3.1)
3	16 (8.2-27)	13 (6.7-21)	9.6 (5.1-15)	7.4 (3.9-12)	5.7 (2.9-9.2)	4.4 (2.2-7.1)	3.3 (1.7-5.5)
4	25 (14-36)	21 (11-31)	16 (8.7-25)	13 (6.7-20)	10 (5.1-15)	7.7 (3.9-12)	5.9 (2.9-9.3)
5	36 (22-45)	32 (19-41)	26 (15-34)	21 (12-28)	17 (9.0-22)	13 (6.9-17)	10 (5.3-14)
6	48	44	39	32	26	21	16

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.1	3.1	2.2	1.7	1.3	1.0	0.7
1	7.3 (4.9-13)	5.7 (3.8-10)	4.1 (2.8-7.3)	3.1 (2.1-5.6)	2.4 (1.6-4.3)	1.8 (1.2-3.3)	1.4 (0.9-2.5)
2	12 (7.3-21)	9.8 (5.8-17)	7.2 (4.3-12)	5.5 (3.2-9.7)	4.2 (2.5-7.5)	3.2 (1.9-5.7)	2.5 (1.4-4.4)
3	19 (11-30)	16 (8.8-25)	12 (6.5-20)	9.5 (5.0-16)	7.4 (3.8-12)	5.6 (2.9-9.4)	4.3 (2.2-7.2)
4	29 (16-39)	25 (13-34)	20 (10-28)	16 (8.0-23)	12 (6.1-18)	9.5 (4.6-14)	7.3 (3.5-11)
5	40 (25-49)	35 (21-44)	30 (17-38)	24 (13-31)	19 (10-25)	15 (7.9-20)	12 (6.1-16)
6	52	48	43	36	29	24	19

Ten year probability of hip 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	4.6	3.7	2.7	2.1	1.6	1.2	0.9
1	8.1 (5.4-15)	6.5 (4.4-12)	5.0 (3.4-9.1)	3.8 (2.6-6.9)	2.9 (1.9-5.3)	2.2 (1.5-4.0)	1.6 (1.1-3.1)
2	13 (7.9-23)	11 (6.5-19)	8.7 (5.1-15)	6.7 (3.9-12)	5.1 (2.9-9.1)	3.9 (2.2-7.0)	2.9 (1.7-5.3)
3	21 (12-32)	18 (9.6-27)	14 (7.8-23)	11 (5.9-18)	8.6 (4.5-14)	6.6 (3.4-11)	5.0 (2.6-8.2)
4	30 (17-41)	26 (14-37)	22 (12-31)	18 (9.0-25)	14 (6.9-20)	11 (5.2-16)	8.3 (3.9-12)
5	41 (26-50)	37 (23-46)	33 (19-41)	27 (15-34)	22 (12-28)	17 (8.9-22)	13 (6.8-18)
6	53	50	45	38	31	26	20

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	5.0	3.9	2.9	2.2	1.7	1.3	0.9
1	8.8 (5.9-16)	7.0 (4.7-13)	5.3 (3.6-9.6)	4.0 (2.7-7.4)	3.1 (2.1-5.6)	2.3 (1.6-4.3)	1.7 (1.2-3.3)
2	14 (8.6-25)	12 (7.0-20)	9.2 (5.4-16)	7.1 (4.1-12)	5.4 (3.1-9.6)	4.1 (2.4-7.4)	3.1 (1.8-5.6)
3	22 (13-34)	19 (10-29)	15 (8.3-24)	12 (6.3-19)	9.2 (4.8-15)	7.0 (3.6-11)	5.4 (2.7-8.8)
4	32 (18-43)	28 (15-38)	24 (13-33)	19 (9.7-27)	15 (7.4-21)	12 (5.6-17)	8.9 (4.3-13)
5	43 (28-52)	39 (24-48)	35 (20-43)	28 (16-36)	23 (12-30)	18 (9.6-24)	14 (7.3-19)
6	54	51	47	40	33	27	22