

Colombia - 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/m²), the number of clinical risk factors (CRF) and age. Each table provides a mean estimate and a range, based on the epidemiology of Colombia. 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 ²)						
	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 (0.2-0.5)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	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)	0.3 (0.1-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.1 (0.0-0.2)
3	1.4 (0.6-2.7)	0.8 (0.3-1.6)	0.5 (0.2-1.0)	0.4 (0.2-0.7)	0.3 (0.1-0.6)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
4	2.5 (1.0-4.1)	1.5 (0.6-2.5)	0.9 (0.3-1.5)	0.7 (0.3-1.1)	0.5 (0.2-0.9)	0.4 (0.2-0.7)	0.3 (0.1-0.5)
5	4.3 (1.9-5.6)	2.7 (1.2-3.5)	1.6 (0.7-2.1)	1.2 (0.5-1.6)	0.9 (0.4-1.3)	0.7 (0.3-1.0)	0.6 (0.2-0.7)
6	7.3	4.6	2.7	2.1	1.6	1.3	1.0

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

Age = 55 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	0.4	0.3	0.2	0.1	0.1	0.1	0.1
1	0.8 (0.6-1.5)	0.5 (0.3-0.9)	0.3 (0.2-0.5)	0.2 (0.2-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)
2	1.5 (0.8-2.8)	0.9 (0.5-1.8)	0.5 (0.3-1.0)	0.4 (0.2-0.8)	0.3 (0.2-0.6)	0.2 (0.1-0.5)	0.2 (0.1-0.4)
3	2.7 (1.2-4.9)	1.6 (0.7-3.1)	1.0 (0.4-1.8)	0.7 (0.3-1.4)	0.6 (0.3-1.1)	0.4 (0.2-0.8)	0.3 (0.2-0.6)
4	4.6 (2.2-7.4)	2.9 (1.3-4.7)	1.7 (0.8-2.8)	1.3 (0.6-2.1)	1.0 (0.5-1.7)	0.8 (0.4-1.3)	0.6 (0.3-1.0)
5	7.7 (4.0-9.8)	5.0 (2.5-6.4)	3.0 (1.5-3.9)	2.3 (1.2-3.0)	1.8 (0.9-2.3)	1.4 (0.7-1.8)	1.1 (0.5-1.4)
6	13	8.3	5.1	4.0	3.1	2.4	1.8

Age = 60 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	0.8	0.5	0.3	0.2	0.2	0.1	0.1
1	1.4 (1.0-2.2)	0.8 (0.6-1.3)	0.5 (0.4-0.8)	0.4 (0.3-0.6)	0.3 (0.2-0.5)	0.2 (0.2-0.4)	0.2 (0.1-0.3)
2	2.4 (1.4-4.0)	1.5 (0.9-2.6)	0.9 (0.5-1.6)	0.7 (0.4-1.2)	0.5 (0.3-0.9)	0.4 (0.2-0.7)	0.3 (0.2-0.6)
3	4.0 (2.1-6.9)	2.6 (1.3-4.5)	1.6 (0.8-2.8)	1.2 (0.6-2.1)	0.9 (0.5-1.6)	0.7 (0.4-1.3)	0.5 (0.3-1.0)
4	6.6 (3.6-10)	4.4 (2.3-6.8)	2.7 (1.4-4.2)	2.1 (1.1-3.2)	1.6 (0.8-2.5)	1.2 (0.6-1.9)	0.9 (0.5-1.5)
5	11 (6.3-13)	7.2 (4.3-9.1)	4.6 (2.7-5.9)	3.5 (2.1-4.5)	2.7 (1.6-3.5)	2.1 (1.2-2.7)	1.6 (0.9-2.1)
6	17	12	7.6	5.9	4.6	3.5	2.7

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

Age = 65 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.1	0.7	0.4	0.3	0.3	0.2	0.2
1	1.9 (1.5-2.8)	1.2 (0.9-1.8)	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	3.1 (1.9-4.8)	2.1 (1.3-3.3)	1.3 (0.8-2.1)	1.0 (0.6-1.6)	0.8 (0.5-1.2)	0.6 (0.4-0.9)	0.4 (0.3-0.7)
3	5.1 (2.9-8.1)	3.4 (2.0-5.7)	2.2 (1.2-3.7)	1.7 (0.9-2.8)	1.3 (0.7-2.2)	1.0 (0.6-1.7)	0.8 (0.4-1.3)
4	8.0 (4.8-12)	5.6 (3.4-8.5)	3.7 (2.2-5.5)	2.8 (1.7-4.3)	2.2 (1.3-3.3)	1.7 (1.0-2.5)	1.3 (0.8-1.9)
5	12 (8.2-15)	9.0 (6.0-11)	6.0 (4.0-7.5)	4.6 (3.1-5.8)	3.6 (2.4-4.4)	2.7 (1.8-3.4)	2.1 (1.4-2.6)
6	19	14	9.7	7.5	5.8	4.4	3.4

Age = 70 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.5	1.0	0.7	0.5	0.4	0.3	0.2
1	2.6 (1.9-3.2)	1.8 (1.4-2.2)	1.2 (0.9-1.4)	0.9 (0.7-1.1)	0.7 (0.5-0.8)	0.5 (0.4-0.6)	0.4 (0.3-0.5)
2	4.5 (2.9-6.7)	3.2 (2.1-4.6)	2.1 (1.4-3.0)	1.6 (1.1-2.3)	1.2 (0.8-1.8)	0.9 (0.6-1.4)	0.7 (0.5-1.0)
3	7.5 (4.5-11)	5.5 (3.5-8.0)	3.7 (2.4-5.5)	2.8 (1.9-4.2)	2.2 (1.4-3.2)	1.7 (1.1-2.5)	1.3 (0.8-1.9)
4	12 (7.8-17)	9.2 (6.0-13)	6.4 (4.3-9.4)	4.9 (3.3-7.3)	3.8 (2.5-5.6)	2.9 (1.9-4.3)	2.2 (1.4-3.3)
5	19 (15-25)	15 (12-19)	11 (8.9-14)	8.4 (6.8-11)	6.4 (5.2-8.4)	4.9 (4.0-6.5)	3.8 (3.0-5.0)
6	28	23	18	14	11	8.3	6.4

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

Age = 75 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.9	1.4	0.9	0.7	0.5	0.4	0.3
1	3.6 (2.3-6.4)	2.6 (1.7-4.7)	1.8 (1.2-3.2)	1.4 (0.9-2.4)	1.0 (0.7-1.9)	0.8 (0.5-1.4)	0.6 (0.4-1.1)
2	6.4 (3.5-11)	4.8 (2.6-8.3)	3.3 (1.9-5.7)	2.6 (1.4-4.4)	1.9 (1.1-3.3)	1.5 (0.8-2.6)	1.1 (0.6-1.9)
3	11 (5.4-18)	8.4 (4.2-14)	6.1 (3.2-9.8)	4.7 (2.4-7.5)	3.6 (1.8-5.8)	2.7 (1.4-4.5)	2.1 (1.0-3.4)
4	18 (9.1-26)	14 (7.3-22)	11 (5.5-16)	8.2 (4.2-13)	6.3 (3.2-9.9)	4.8 (2.4-7.6)	3.7 (1.8-5.8)
5	27 (15-35)	23 (13-30)	18 (9.7-23)	14 (7.4-19)	11 (5.7-15)	8.3 (4.3-11)	6.4 (3.3-8.7)
6	39	34	28	22	18	14	11

Age = 80 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	2.1	1.6	1.1	0.9	0.7	0.5	0.4
1	3.8 (2.5-7.1)	3.0 (2.0-5.5)	2.1 (1.5-3.9)	1.6 (1.1-3.0)	1.2 (0.8-2.3)	0.9 (0.6-1.7)	0.7 (0.5-1.3)
2	6.6 (3.8-12)	5.2 (3.0-9.3)	3.9 (2.2-6.8)	2.9 (1.7-5.2)	2.2 (1.3-4.0)	1.7 (1.0-3.0)	1.3 (0.7-2.3)
3	11 (5.6-17)	8.8 (4.6-14)	6.7 (3.4-11)	5.1 (2.6-8.5)	3.9 (2.0-6.5)	3.0 (1.5-5.0)	2.2 (1.1-3.8)
4	17 (8.5-24)	14 (7.0-20)	11 (5.5-16)	8.6 (4.2-13)	6.6 (3.2-9.9)	5.0 (2.4-7.6)	3.8 (1.8-5.8)
5	26 (14-33)	22 (12-28)	18 (9.4-23)	14 (7.2-18)	11 (5.5-14)	8.3 (4.2-11)	6.4 (3.1-8.6)
6	36	32	27	22	17	13	10

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

Age = 85 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	2.3	1.8	1.4	1.0	0.8	0.6	0.4
1	4.1 (2.7-7.5)	3.3 (2.2-6.1)	2.5 (1.7-4.6)	1.9 (1.3-3.5)	1.4 (0.9-2.7)	1.1 (0.7-2.0)	0.8 (0.5-1.5)
2	7.0 (3.9-13)	5.7 (3.2-10)	4.4 (2.5-8.0)	3.4 (1.9-6.1)	2.5 (1.4-4.6)	1.9 (1.1-3.5)	1.4 (0.8-2.7)
3	11 (5.9-18)	9.4 (4.9-15)	7.5 (3.9-12)	5.8 (3.0-9.4)	4.4 (2.2-7.2)	3.3 (1.7-5.5)	2.5 (1.2-4.1)
4	18 (8.9-26)	15 (7.4-22)	12 (6.0-18)	9.5 (4.5-14)	7.3 (3.4-11)	5.6 (2.6-8.3)	4.2 (1.9-6.3)
5	26 (15-34)	23 (12-29)	19 (10-25)	15 (7.8-20)	12 (5.9-16)	9.0 (4.5-12)	6.9 (3.4-9.4)
6	37	33	28	23	18	14	11

Age = 90 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	2.4	1.9	1.5	1.1	0.8	0.6	0.5
1	4.4 (2.9-8.0)	3.5 (2.3-6.4)	2.7 (1.8-4.9)	2.0 (1.3-3.8)	1.5 (1.0-2.8)	1.1 (0.8-2.1)	0.9 (0.6-1.6)
2	7.5 (4.2-13)	6.0 (3.5-11)	4.7 (2.7-8.5)	3.6 (2.0-6.5)	2.7 (1.5-4.9)	2.0 (1.2-3.7)	1.5 (0.9-2.8)
3	12 (6.3-19)	10 (5.2-16)	8.0 (4.2-13)	6.1 (3.1-10)	4.6 (2.4-7.6)	3.5 (1.8-5.8)	2.7 (1.3-4.4)
4	19 (9.5-27)	16 (7.9-23)	13 (6.4-19)	10 (4.8-15)	7.7 (3.7-11)	5.9 (2.7-8.8)	4.5 (2.1-6.7)
5	28 (16-35)	24 (13-31)	20 (11-26)	16 (8.3-21)	12 (6.3-17)	9.6 (4.8-13)	7.3 (3.6-9.9)
6	38	34	30	24	19	15	12