

**Colombia - The probabilities of a hip fracture in women**

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 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 <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 (0.5-1.4)	0.4 (0.3-0.8)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)
2	1.4 (0.7-3.0)	0.8 (0.4-1.7)	0.4 (0.2-0.9)	0.3 (0.2-0.7)	0.3 (0.1-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
3	2.7 (1.1-5.2)	1.5 (0.6-2.9)	0.8 (0.3-1.6)	0.6 (0.3-1.2)	0.5 (0.2-1.0)	0.4 (0.2-0.7)	0.3 (0.1-0.6)
4	4.9 (1.9-7.9)	2.7 (1.0-4.4)	1.5 (0.6-2.4)	1.1 (0.4-1.9)	0.9 (0.3-1.5)	0.7 (0.3-1.1)	0.5 (0.2-0.9)
5	8.6 (3.9-11)	4.8 (2.2-6.5)	2.7 (1.2-3.6)	2.1 (0.9-2.8)	1.6 (0.7-2.2)	1.3 (0.6-1.7)	1.0 (0.4-1.3)
6	15	8.5	4.7	3.7	2.9	2.2	1.7

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

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.8	0.4	0.2	0.2	0.1	0.1	0.1
1	1.6 (1.1-2.7)	0.9 (0.6-1.5)	0.5 (0.3-0.8)	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	2.9 (1.6-5.6)	1.6 (0.9-3.2)	0.9 (0.5-1.7)	0.7 (0.4-1.4)	0.5 (0.3-1.1)	0.4 (0.2-0.8)	0.3 (0.2-0.6)
3	5.2 (2.4-9.7)	2.9 (1.3-5.5)	1.6 (0.7-3.1)	1.3 (0.6-2.4)	1.0 (0.4-1.9)	0.8 (0.3-1.4)	0.6 (0.3-1.1)
4	9.2 (4.2-14)	5.3 (2.3-8.3)	2.9 (1.3-4.7)	2.3 (1.0-3.6)	1.8 (0.8-2.8)	1.4 (0.6-2.2)	1.1 (0.5-1.7)
5	16 (8.4-20)	9.2 (4.8-12)	5.2 (2.7-6.9)	4.0 (2.1-5.4)	3.1 (1.6-4.2)	2.4 (1.3-3.2)	1.9 (1.0-2.5)
6	26	16	8.9	7.0	5.4	4.2	3.3

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.5	0.8	0.5	0.4	0.3	0.2	0.2
1	2.7 (1.9-4.2)	1.5 (1.1-2.4)	0.8 (0.6-1.3)	0.6 (0.5-1.0)	0.5 (0.4-0.8)	0.4 (0.3-0.6)	0.3 (0.2-0.5)
2	4.8 (2.8-8.4)	2.7 (1.6-4.9)	1.5 (0.9-2.7)	1.2 (0.7-2.1)	0.9 (0.5-1.7)	0.7 (0.4-1.3)	0.5 (0.3-1.0)
3	8.3 (4.2-14)	4.8 (2.4-8.5)	2.7 (1.3-4.8)	2.1 (1.0-3.7)	1.6 (0.8-2.9)	1.3 (0.6-2.3)	1.0 (0.5-1.7)
4	14 (7.4-21)	8.3 (4.2-13)	4.7 (2.4-7.2)	3.7 (1.8-5.6)	2.9 (1.4-4.4)	2.2 (1.1-3.4)	1.7 (0.9-2.7)
5	23 (14-28)	14 (8.5-18)	8.1 (4.9-11)	6.3 (3.8-8.2)	4.9 (3.0-6.4)	3.8 (2.3-5.0)	3.0 (1.8-3.9)
6	35	23	14	11	8.4	6.5	5.1

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.3	1.3	0.7	0.6	0.4	0.3	0.3
1	4.0 (3.0-5.7)	2.3 (1.7-3.3)	1.3 (1.0-1.8)	1.0 (0.8-1.4)	0.8 (0.6-1.1)	0.6 (0.5-0.9)	0.5 (0.4-0.7)
2	6.8 (4.3-11)	4.0 (2.5-6.6)	2.3 (1.4-3.8)	1.8 (1.1-3.0)	1.4 (0.9-2.3)	1.1 (0.7-1.8)	0.8 (0.5-1.4)
3	11 (6.5-18)	6.9 (3.8-11)	4.0 (2.2-6.6)	3.1 (1.7-5.2)	2.4 (1.3-4.0)	1.8 (1.0-3.1)	1.4 (0.8-2.4)
4	18 (11-26)	11 (6.7-17)	6.7 (3.8-9.9)	5.2 (3.0-7.8)	4.1 (2.3-6.1)	3.2 (1.8-4.7)	2.4 (1.4-3.7)
5	28 (20-34)	18 (13-23)	11 (7.7-14)	8.7 (6.0-11)	6.8 (4.7-8.7)	5.3 (3.6-6.8)	4.1 (2.8-5.3)
6	41	29	18	14	11	8.8	6.9

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.4	2.0	1.2	0.9	0.7	0.5	0.4
1	6.1 (4.7-7.2)	3.7 (2.9-4.3)	2.2 (1.7-2.5)	1.7 (1.3-1.9)	1.3 (1.0-1.5)	1.0 (0.8-1.2)	0.8 (0.6-0.9)
2	11 (7.1-15)	6.6 (4.4-9.0)	3.9 (2.6-5.3)	3.0 (2.0-4.1)	2.3 (1.6-3.2)	1.8 (1.2-2.5)	1.4 (0.9-1.9)
3	18 (12-25)	12 (7.6-17)	7.0 (4.5-10)	5.5 (3.5-8.1)	4.2 (2.7-6.3)	3.3 (2.1-4.9)	2.5 (1.6-3.8)
4	29 (21-39)	20 (14-27)	12 (8.9-18)	9.6 (6.9-14)	7.5 (5.4-11)	5.8 (4.1-8.5)	4.5 (3.2-6.6)
5	43 (37-51)	32 (27-38)	21 (18-25)	17 (14-20)	13 (11-16)	10 (8.6-13)	8.0 (6.7-9.9)
6	58	47	34	27	22	17	14

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

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.5	2.8	1.7	1.3	1.0	0.8	0.6
1	8.4 (5.9-15)	5.5 (3.9-9.5)	3.3 (2.4-5.8)	2.6 (1.8-4.5)	2.0 (1.4-3.5)	1.5 (1.1-2.7)	1.2 (0.8-2.1)
2	15 (8.8-24)	10 (5.8-17)	6.4 (3.6-11)	5.0 (2.8-8.6)	3.8 (2.2-6.7)	3.0 (1.7-5.1)	2.3 (1.3-4.0)
3	25 (15-38)	18 (10-28)	12 (6.3-19)	9.2 (4.9-15)	7.1 (3.8-12)	5.5 (2.9-9.1)	4.3 (2.2-7.1)
4	39 (23-53)	30 (17-43)	21 (11-31)	16 (8.7-25)	13 (6.8-20)	10 (5.2-15)	7.8 (4.0-12)
5	54 (37-64)	45 (29-55)	34 (20-42)	27 (16-35)	22 (12-28)	17 (9.7-22)	14 (7.5-18)
6	68	62	51	43	36	29	23

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	5.0	3.4	2.2	1.7	1.3	1.0	0.8
1	9.0 (6.3-16)	6.3 (4.5-11)	4.1 (3.0-7.4)	3.2 (2.3-5.7)	2.4 (1.7-4.4)	1.9 (1.3-3.4)	1.4 (1.0-2.6)
2	15 (9.3-26)	11 (6.7-19)	7.6 (4.5-13)	5.8 (3.5-10)	4.5 (2.6-8.0)	3.5 (2.0-6.1)	2.7 (1.5-4.7)
3	24 (14-36)	19 (10-30)	13 (6.9-22)	10 (5.3-17)	8.0 (4.1-13)	6.2 (3.1-10)	4.8 (2.4-8.1)
4	36 (21-47)	29 (16-40)	22 (12-31)	17 (9.2-25)	14 (7.1-20)	11 (5.5-16)	8.3 (4.2-12)
5	49 (32-58)	42 (26-52)	34 (20-42)	28 (16-35)	22 (12-28)	18 (9.4-23)	14 (7.3-18)
6	62	57	49	41	34	28	22

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	5.1	3.8	2.6	2.0	1.5	1.1	0.9
1	9.0 (6.1-16)	6.8 (4.7-12)	4.8 (3.4-8.7)	3.7 (2.6-6.7)	2.8 (2.0-5.1)	2.1 (1.5-3.9)	1.6 (1.1-3.0)
2	15 (9.0-25)	12 (7.0-20)	8.6 (5.1-15)	6.6 (3.9-11)	5.1 (3.0-8.8)	3.9 (2.2-6.8)	3.0 (1.7-5.2)
3	23 (13-35)	19 (11-29)	15 (7.8-23)	11 (6.0-18)	8.8 (4.6-14)	6.8 (3.5-11)	5.2 (2.6-8.6)
4	34 (19-45)	29 (16-39)	23 (13-33)	19 (9.7-27)	15 (7.4-21)	11 (5.7-17)	8.8 (4.3-13)
5	46 (30-55)	41 (25-50)	35 (20-43)	29 (16-36)	23 (13-29)	18 (9.6-24)	14 (7.4-19)
6	58	54	48	41	34	28	22

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.7	3.6	2.6	1.9	1.5	1.1	0.8
1	8.3 (5.6-15)	6.4 (4.4-12)	4.7 (3.3-8.6)	3.6 (2.5-6.6)	2.7 (1.9-5.0)	2.1 (1.4-3.8)	1.6 (1.1-2.9)
2	14 (8.3-24)	11 (6.5-19)	8.3 (4.9-14)	6.4 (3.7-11)	4.9 (2.8-8.6)	3.7 (2.1-6.6)	2.8 (1.6-5.1)
3	22 (12-33)	18 (9.9-27)	14 (7.5-22)	11 (5.7-18)	8.4 (4.4-14)	6.4 (3.3-11)	4.9 (2.5-8.1)
4	32 (18-43)	27 (15-37)	22 (12-31)	18 (9.0-25)	14 (6.9-20)	11 (5.2-16)	8.2 (4.0-12)
5	43 (28-52)	39 (23-47)	33 (19-41)	27 (15-34)	22 (12-28)	17 (9.0-22)	13 (6.8-18)
6	55	51	46	39	32	26	21