Venezuela - 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 Venezuela. 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/m²)						
	15	20	25	30	35	40	45
0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
1	0.2 (0.2-0.5)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.1)
2	0.5 (0.2-0.9)	0.3 (0.1-0.5)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.2)	0.1 (0.0-0.1)	0.1 (0.0-0.1)
3	0.8 (0.3-1.7)	0.5 (0.2-1.0)	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)
4	1.5 (0.6-2.5)	0.9 (0.3-1.5)	0.5 (0.2-0.8)	0.4 (0.2-0.6)	0.3 (0.1-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
5	2.7 (1.2-3.6)	1.6 (0.7-2.1)	0.9 (0.4-1.2)	0.7 (0.3-0.9)	0.5 (0.2-0.7)	0.4 (0.2-0.6)	0.3 (0.1-0.4)
6	4.7	2.8	1.6	1.2	0.9	0.7	0.6

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

Age = 55 years

Number of CRFs	BMI (kg/m²)						
	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)	0.3 (0.2-0.4)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.1 (0.0-0.1)
2	0.8 (0.4-1.5)	0.5 (0.3-0.9)	0.3 (0.1-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)
3	1.4 (0.6-2.7)	0.9 (0.4-1.6)	0.5 (0.2-0.9)	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 (1.1-4.1)	1.5 (0.7-2.4)	0.9 (0.4-1.4)	0.7 (0.3-1.1)	0.5 (0.2-0.8)	0.4 (0.2-0.6)	0.3 (0.1-0.5)
5	4.3 (2.2-5.6)	2.7 (1.4-3.5)	1.5 (0.8-2.0)	1.2 (0.6-1.6)	0.9 (0.5-1.2)	0.7 (0.4-0.9)	0.5 (0.3-0.7)
6	7.3	4.5	2.7	2.1	1.6	1.2	0.9

Age = 60 years

Number of CRFs	BMI (kg/m²)						
	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 (0.6-1.3)	0.5 (0.3-0.8)	0.3 (0.2-0.4)	0.2 (0.2-0.3)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)
2	1.4 (0.8-2.5)	0.9 (0.5-1.5)	0.5 (0.3-0.9)	0.4 (0.2-0.7)	0.3 (0.2-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
3	2.5 (1.3-4.3)	1.5 (0.8-2.7)	0.9 (0.4-1.6)	0.7 (0.3-1.2)	0.5 (0.3-0.9)	0.4 (0.2-0.7)	0.3 (0.2-0.6)
4	4.1 (2.2-6.5)	2.6 (1.4-4.1)	1.6 (0.8-2.4)	1.2 (0.6-1.9)	0.9 (0.5-1.5)	0.7 (0.4-1.1)	0.6 (0.3-0.9)
5	6.9 (4.0-8.6)	4.4 (2.6-5.6)	2.7 (1.6-3.5)	2.1 (1.2-2.7)	1.6 (0.9-2.1)	1.2 (0.7-1.6)	0.9 (0.6-1.2)
6	11	7.3	4.5	3.5	2.7	2.1	1.6

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

Age = 65 years

Number of CRFs	BMI (kg/m²)						
	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 (1.1-2.0)	0.9 (0.7-1.3)	0.5 (0.4-0.7)	0.4 (0.3-0.6)	0.3 (0.2-0.4)	0.2 (0.2-0.3)	0.2 (0.1-0.3)
2	2.3 (1.4-3.6)	1.5 (0.9-2.4)	0.9 (0.6-1.5)	0.7 (0.4-1.1)	0.5 (0.3-0.9)	0.4 (0.3-0.7)	0.3 (0.2-0.5)
3	3.9 (2.2-6.3)	2.5 (1.4-4.2)	1.5 (0.9-2.6)	1.2 (0.7-2.0)	0.9 (0.5-1.5)	0.7 (0.4-1.2)	0.5 (0.3-0.9)
4	6.2 (3.8-9.4)	4.2 (2.5-6.3)	2.6 (1.5-3.9)	2.0 (1.2-3.0)	1.5 (0.9-2.3)	1.2 (0.7-1.8)	0.9 (0.5-1.4)
5	9.9 (6.6-12)	6.8 (4.5-8.4)	4.3 (2.9-5.4)	3.3 (2.2-4.2)	2.6 (1.7-3.2)	2.0 (1.3-2.5)	1.5 (1.0-1.9)
6	15	11	7.1	5.5	4.2	3.2	2.5

Age = 70 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	1.5	0.9	0.6	0.4	0.3	0.3	0.2
1	2.5 (1.9-3.1)	1.7 (1.3-2.0)	1.1 (0.8-1.3)	0.8 (0.6-1.0)	0.6 (0.5-0.7)	0.5 (0.4-0.6)	0.4 (0.3-0.4)
2	4.4 (2.8-6.4)	3.0 (2.0-4.3)	1.9 (1.3-2.7)	1.5 (0.9-2.0)	1.1 (0.7-1.6)	0.9 (0.6-1.2)	0.7 (0.4-0.9)
3	7.3 (4.5-11)	5.2 (3.4-7.6)	3.4 (2.2-5.0)	2.6 (1.7-3.9)	2.0 (1.3-3.0)	1.5 (1.0-2.3)	1.2 (0.8-1.7)
4	12 (7.8-17)	8.8 (5.9-13)	5.9 (4.0-8.6)	4.6 (3.1-6.7)	3.5 (2.4-5.2)	2.7 (1.8-4.0)	2.0 (1.4-3.0)
5	19 (15-24)	14 (12-19)	10 (8.3-13)	7.8 (6.4-10)	6.0 (4.9-7.8)	4.6 (3.8-6.0)	3.6 (2.9-4.6)
6	28	23	17	13	10	7.9	6.1

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

Age = 75 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	2.5	1.7	1.1	0.9	0.7	0.5	0.4
1	4.6 (3.0-8.3)	3.3 (2.3-5.9)	2.2 (1.5-3.9)	1.7 (1.2-3.0)	1.3 (0.9-2.3)	1.0 (0.7-1.8)	0.8 (0.5-1.3)
2	8.2 (4.6-14)	6.1 (3.4-10)	4.2 (2.3-7.0)	3.2 (1.8-5.4)	2.4 (1.4-4.1)	1.9 (1.0-3.2)	1.4 (0.8-2.4)
3	14 (6.8-23)	11 (5.5-17)	7.6 (4.1-12)	5.8 (3.1-9.5)	4.5 (2.3-7.3)	3.4 (1.8-5.6)	2.6 (1.3-4.3)
4	22 (12-31)	18 (9.4-26)	13 (7.0-20)	10 (5.4-16)	8.0 (4.1-12)	6.1 (3.1-9.6)	4.7 (2.3-7.4)
5	32 (19-41)	28 (16-36)	22 (12-28)	17 (9.4-23)	14 (7.3-18)	11 (5.6-14)	8.1 (4.2-11)
6	44	40	34	28	22	17	14

Age = 80 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	3.6	2.7	1.9	1.4	1.1	0.8	0.6
1	6.5 (4.3-12)	5.0 (3.4-9.1)	3.5 (2.5-6.4)	2.7 (1.9-4.9)	2.0 (1.4-3.7)	1.6 (1.1-2.8)	1.2 (0.8-2.2)
2	11 (6.3-19)	8.7 (5.1-15)	6.3 (3.7-11)	4.8 (2.8-8.4)	3.7 (2.1-6.5)	2.8 (1.6-5.0)	2.1 (1.2-3.8)
3	17 (9.4-27)	14 (7.8-22)	11 (5.7-18)	8.4 (4.3-14)	6.5 (3.3-11)	4.9 (2.5-8.3)	3.8 (1.9-6.3)
4	26 (14-36)	22 (12-31)	18 (9.2-25)	14 (7.1-20)	11 (5.4-16)	8.4 (4.1-12)	6.4 (3.1-9.6)
5	36 (22-45)	32 (19-41)	27 (15-35)	22 (12-28)	17 (9.2-23)	14 (7.0-18)	11 (5.3-14)
6	48	44	39	33	27	21	17

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

Age = 85 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	4.6	3.7	2.8	2.1	1.6	1.2	0.9
1	8.1 (5.4-15)	6.6 (4.4-12)	5.0 (3.4-9.2)	3.8 (2.6-7.0)	2.9 (2.0-5.4)	2.2 (1.5-4.1)	1.7 (1.1-3.1)
2	13 (7.7-23)	11 (6.5-19)	8.8 (5.2-15)	6.7 (3.9-12)	5.1 (3.0-9.2)	3.9 (2.2-7.1)	3.0 (1.7-5.4)
3	21 (11-32)	18 (9.6-27)	14 (7.9-23)	11 (6.0-18)	8.7 (4.6-14)	6.7 (3.4-11)	5.1 (2.6-8.3)
4	30 (17-41)	26 (14-37)	23 (12-32)	18 (9.1-26)	14 (6.9-20)	11 (5.3-16)	8.4 (4.0-12)
5	41 (26-50)	37 (22-46)	33 (19-41)	27 (15-34)	22 (12-28)	17 (8.9-23)	13 (6.8-18)
6	53	49	45	38	31	26	20

Age = 90 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	5.7	4.7	3.7	2.8	2.1	1.6	1.2
1	9.9 (6.6-18)	8.3 (5.5-15)	6.6 (4.4-12)	5.0 (3.4-9.2)	3.8 (2.5-7.1)	2.9 (1.9-5.4)	2.2 (1.4-4.1)
2	16 (9.4-27)	14 (8.0-23)	11 (6.6-20)	8.6 (5.0-15)	6.6 (3.8-12)	5.0 (2.8-9.1)	3.8 (2.1-7.0)
3	24 (14-36)	21 (12-32)	18 (9.8-28)	14 (7.5-22)	11 (5.7-17)	8.4 (4.3-14)	6.4 (3.2-11)
4	34 (20-46)	31 (17-42)	27 (14-37)	22 (11-30)	17 (8.6-25)	13 (6.5-19)	10 (4.9-15)
5	45 (30-54)	42 (26-51)	38 (23-47)	31 (18-40)	26 (14-33)	21 (11-27)	16 (8.4-21)
6	56	53	50	43	36	30	24