

Venezuela - 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 Venezuela. 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/m².

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	4.6	2.4	1.3	0.7	0.3	0.2	0.1	0.1	0.0	0.0	0.0	
1	7.3 (4.8-9.6)	3.9 (2.6-5.2)	2.1 (1.4-2.7)	1.1 (0.7-1.4)	0.6 (0.4-0.8)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	
2	11 (6.8-17)	6.1 (3.6-9.2)	3.3 (1.9-5.0)	1.7 (1.0-2.6)	0.9 (0.5-1.4)	0.5 (0.3-0.7)	0.2 (0.1-0.4)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)	
3	17 (10-26)	9.5 (5.5-15)	5.1 (2.9-8.2)	2.7 (1.5-4.4)	1.4 (0.8-2.3)	0.8 (0.4-1.2)	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)	
4	25 (17-37)	14 (9.1-22)	7.9 (4.9-12)	4.2 (2.6-6.6)	2.2 (1.4-3.5)	1.2 (0.7-1.9)	0.6 (0.4-1.0)	0.3 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	
5	36 (28-47)	21 (16-29)	12 (8.7-17)	6.5 (4.7-9.3)	3.4 (2.5-5.0)	1.8 (1.3-2.7)	1.0 (0.7-1.4)	0.5 (0.4-0.7)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	
6	49	31	18	9.7	5.2	2.8	1.5	0.8	0.4	0.2	0.1	

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

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	5.3	2.9	1.6	0.9	0.5	0.3	0.1	0.1	0.0	0.0	0.0
1	8.2 (5.6-10)	4.6 (3.1-5.7)	2.5 (1.7-3.1)	1.4 (0.9-1.7)	0.8 (0.5-0.9)	0.4 (0.3-0.5)	0.2 (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	12 (7.8-18)	7.0 (4.3-10)	3.9 (2.4-5.6)	2.1 (1.3-3.1)	1.2 (0.7-1.7)	0.6 (0.4-0.9)	0.4 (0.2-0.5)	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	18 (12-27)	11 (6.5-16)	6.0 (3.6-9.1)	3.3 (2.0-5.1)	1.8 (1.1-2.8)	1.0 (0.6-1.5)	0.5 (0.3-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
4	26 (18-37)	16 (11-23)	9.0 (6.0-13)	5.0 (3.3-7.7)	2.8 (1.8-4.3)	1.5 (1.0-2.4)	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)
5	37 (30-48)	23 (18-31)	13 (10-19)	7.6 (5.9-11)	4.2 (3.3-6.0)	2.3 (1.8-3.3)	1.3 (1.0-1.8)	0.7 (0.5-1.0)	0.4 (0.3-0.6)	0.2 (0.2-0.3)	0.1 (0.1-0.2)
6	49	32	19	11	6.3	3.5	1.9	1.1	0.6	0.3	0.2

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	5.6	3.3	1.9	1.1	0.6	0.4	0.2	0.1	0.1	0.0	0.0
1	8.4 (5.8-9.9)	5.0 (3.4-5.9)	2.9 (2.0-3.5)	1.7 (1.2-2.0)	1.0 (0.7-1.2)	0.6 (0.4-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.0 (0.0-0.1)
2	12 (8.2-17)	7.5 (4.8-10)	4.4 (2.8-6.1)	2.6 (1.6-3.6)	1.5 (1.0-2.1)	0.9 (0.6-1.2)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
3	18 (12-25)	11 (7.3-16)	6.6 (4.3-9.5)	3.9 (2.5-5.7)	2.3 (1.5-3.4)	1.3 (0.9-2.0)	0.8 (0.5-1.1)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.2)
4	26 (19-35)	16 (12-23)	9.8 (6.9-14)	5.8 (4.1-8.5)	3.4 (2.4-5.1)	2.0 (1.4-3.0)	1.2 (0.8-1.8)	0.7 (0.5-1.0)	0.4 (0.3-0.6)	0.2 (0.2-0.4)	0.1 (0.1-0.2)
5	35 (30-44)	23 (19-30)	14 (12-19)	8.6 (7.1-12)	5.1 (4.2-7.1)	3.0 (2.5-4.2)	1.8 (1.4-2.5)	1.0 (0.8-1.5)	0.6 (0.5-0.9)	0.4 (0.3-0.5)	0.2 (0.2-0.3)
6	46	31	20	12	7.5	4.4	2.6	1.5	0.9	0.6	0.3

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

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	5.7	3.6	2.2	1.4	0.8	0.5	0.3	0.2	0.1	0.1	0.1
1	8.4 (6.0-9.6)	5.3 (3.7-6.1)	3.3 (2.3-3.8)	2.0 (1.4-2.4)	1.3 (0.9-1.5)	0.8 (0.5-0.9)	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 (0.1-0.1)
2	12 (8.4-16)	7.8 (5.3-10)	4.9 (3.3-6.3)	3.0 (2.0-4.0)	1.9 (1.3-2.5)	1.2 (0.8-1.5)	0.7 (0.5-0.9)	0.4 (0.3-0.6)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.2)
3	17 (12-22)	11 (7.9-15)	7.1 (5.0-9.6)	4.5 (3.1-6.1)	2.8 (1.9-3.8)	1.7 (1.2-2.4)	1.1 (0.7-1.5)	0.7 (0.4-0.9)	0.4 (0.3-0.6)	0.3 (0.2-0.4)	0.2 (0.1-0.2)
4	24 (19-31)	16 (12-21)	10 (7.8-14)	6.5 (4.9-9.1)	4.1 (3.0-5.8)	2.5 (1.9-3.6)	1.6 (1.2-2.3)	1.0 (0.7-1.4)	0.6 (0.5-0.9)	0.4 (0.3-0.6)	0.3 (0.2-0.4)
5	32 (29-40)	22 (19-29)	15 (13-19)	9.4 (8.1-13)	5.9 (5.1-8.1)	3.7 (3.2-5.1)	2.3 (2.0-3.2)	1.4 (1.2-2.0)	0.9 (0.8-1.3)	0.6 (0.5-0.8)	0.4 (0.3-0.5)
6	42	30	20	13	8.5	5.4	3.4	2.1	1.4	0.9	0.6

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	6.1	4.0	2.7	1.7	1.1	0.7	0.5	0.3	0.2	0.2	0.1
1	9.7 (8.5-12)	6.5 (5.7-8.4)	4.3 (3.8-5.6)	2.8 (2.5-3.7)	1.9 (1.6-2.4)	1.2 (1.1-1.6)	0.8 (0.7-1.0)	0.5 (0.5-0.7)	0.4 (0.3-0.5)	0.2 (0.2-0.3)	0.2 (0.1-0.2)
2	15 (12-19)	10 (8.5-13)	6.9 (5.7-9.2)	4.6 (3.7-6.1)	3.0 (2.5-4.1)	2.0 (1.6-2.7)	1.3 (1.0-1.8)	0.9 (0.7-1.2)	0.6 (0.5-0.8)	0.4 (0.3-0.5)	0.3 (0.2-0.4)
3	23 (18-28)	16 (13-20)	11 (8.5-14)	7.3 (5.7-9.3)	4.9 (3.8-6.2)	3.2 (2.5-4.1)	2.1 (1.6-2.7)	1.4 (1.1-1.8)	1.0 (0.7-1.2)	0.7 (0.5-0.8)	0.4 (0.3-0.6)
4	33 (26-38)	24 (18-28)	17 (13-20)	11 (8.6-14)	7.8 (5.8-9.3)	5.2 (3.8-6.2)	3.4 (2.5-4.1)	2.3 (1.7-2.8)	1.6 (1.1-1.9)	1.1 (0.8-1.3)	0.7 (0.5-0.9)
5	44 (36-47)	34 (27-36)	25 (19-27)	18 (14-19)	12 (9.3-13)	8.2 (6.2-9.2)	5.5 (4.2-6.2)	3.7 (2.8-4.2)	2.5 (1.9-2.9)	1.7 (1.3-2.0)	1.2 (0.9-1.3)
6	55	45	35	26	18	13	8.6	5.9	4.1	2.8	1.9

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

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	6.5	4.6	3.2	2.2	1.5	1.1	0.7	0.5	0.4	0.3	0.2
1	12 (9.1-24)	8.6 (6.4-18)	6.1 (4.5-13)	4.3 (3.2-9.3)	3.0 (2.2-6.6)	2.1 (1.5-4.6)	1.5 (1.1-3.2)	1.0 (0.8-2.3)	0.7 (0.5-1.6)	0.5 (0.4-1.2)	0.4 (0.3-0.8)
2	20 (13-34)	15 (9.0-26)	11 (6.4-20)	7.7 (4.5-14)	5.5 (3.1-10)	3.9 (2.2-7.4)	2.7 (1.5-5.2)	1.9 (1.1-3.8)	1.4 (0.8-2.7)	1.0 (0.5-2.0)	0.7 (0.4-1.4)
3	30 (17-44)	23 (13-35)	18 (9.1-27)	13 (6.5-21)	9.4 (4.6-15)	6.7 (3.2-11)	4.8 (2.3-7.8)	3.4 (1.6-5.7)	2.5 (1.2-4.1)	1.8 (0.8-3.0)	1.3 (0.6-2.1)
4	42 (24-53)	34 (18-44)	27 (13-36)	21 (9.6-27)	15 (6.9-21)	11 (4.8-15)	8.0 (3.4-11)	5.9 (2.5-8.1)	4.3 (1.8-5.9)	3.1 (1.3-4.3)	2.2 (0.9-3.1)
5	55 (33-61)	47 (26-53)	39 (19-44)	31 (14-35)	24 (10-27)	18 (7.5-20)	13 (5.3-15)	9.6 (3.9-11)	7.1 (2.8-8.3)	5.2 (2.0-6.1)	3.8 (1.5-4.4)
6	66	59	51	43	34	27	20	15	11	8.5	6.2

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	6.3	4.7	3.4	2.5	1.9	1.4	1.0	0.8	0.6	0.4	0.3
1	11 (8.1-23)	8.5 (6.1-18)	6.4 (4.5-14)	4.8 (3.3-10)	3.5 (2.5-7.8)	2.6 (1.8-5.8)	1.9 (1.3-4.3)	1.5 (1.0-3.3)	1.1 (0.8-2.5)	0.8 (0.6-1.9)	0.6 (0.4-1.4)
2	18 (11-32)	14 (8.3-25)	11 (6.2-20)	8.3 (4.6-15)	6.2 (3.5-12)	4.6 (2.5-8.9)	3.5 (1.9-6.7)	2.6 (1.4-5.1)	2.0 (1.1-3.9)	1.5 (0.8-3.0)	1.2 (0.6-2.3)
3	27 (15-41)	22 (11-34)	17 (8.6-28)	13 (6.5-22)	10 (4.8-17)	7.8 (3.6-13)	5.9 (2.7-9.9)	4.5 (2.0-7.7)	3.5 (1.5-5.9)	2.6 (1.2-4.5)	2.0 (0.9-3.4)
4	38 (20-49)	32 (16-42)	26 (12-35)	21 (9.4-29)	16 (7.2-23)	12 (5.4-18)	9.6 (4.1-14)	7.4 (3.1-11)	5.7 (2.3-8.2)	4.4 (1.8-6.3)	3.4 (1.4-4.8)
5	50 (28-56)	43 (23-49)	36 (18-42)	30 (14-35)	24 (11-28)	19 (8.0-23)	15 (6.1-18)	12 (4.7-14)	9.2 (3.6-11)	7.1 (2.8-8.7)	5.5 (2.1-6.7)
6	61	55	48	41	34	28	22	18	14	11	8.7

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

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	4.3	3.3	2.6	2.0	1.6	1.2	1.0	0.8	0.6	0.5
1	9.6 (7.0-20)	7.7 (5.5-16)	6.1 (4.3-13)	4.8 (3.4-11)	3.8 (2.6-8.3)	2.9 (2.0-6.6)	2.3 (1.6-5.2)	1.9 (1.3-4.2)	1.5 (1.0-3.4)	1.2 (0.8-2.7)	0.9 (0.6-2.1)
2	16 (9.1-28)	13 (7.2-23)	10 (5.7-19)	8.1 (4.5-15)	6.5 (3.5-12)	5.1 (2.8-9.7)	4.1 (2.2-7.8)	3.3 (1.8-6.3)	2.6 (1.4-5.1)	2.1 (1.1-4.1)	1.7 (0.9-3.3)
3	23 (12-36)	19 (9.9-30)	16 (7.9-25)	13 (6.3-21)	10 (4.9-17)	8.4 (3.9-14)	6.7 (3.1-11)	5.5 (2.5-9.2)	4.4 (2.0-7.5)	3.6 (1.6-6.1)	2.9 (1.3-4.9)
4	33 (17-44)	28 (14-38)	24 (11-32)	20 (8.8-27)	16 (7.0-23)	13 (5.6-19)	11 (4.4-15)	8.8 (3.6-13)	7.2 (2.9-10)	5.8 (2.3-8.4)	4.7 (1.9-6.8)
5	44 (24-50)	38 (19-44)	33 (16-39)	28 (13-33)	24 (10-28)	20 (8.2-23)	16 (6.6-19)	14 (5.4-16)	11 (4.4-13)	9.2 (3.5-11)	7.5 (2.9-9.0)
6	55	50	44	39	33	28	24	20	17	14	12

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	4.6	3.8	3.1	2.5	2.1	1.7	1.4	1.2	1.0	0.8	0.7
1	8.1 (5.8-17)	6.8 (4.8-15)	5.6 (4.0-12)	4.6 (3.3-10)	3.8 (2.7-8.5)	3.1 (2.2-7.0)	2.6 (1.9-5.9)	2.2 (1.6-5.0)	1.9 (1.3-4.2)	1.6 (1.1-3.6)	1.3 (0.9-3.0)
2	13 (7.6-24)	11 (6.3-21)	9.4 (5.2-18)	7.8 (4.3-15)	6.5 (3.5-12)	5.4 (2.9-10)	4.6 (2.4-8.8)	3.9 (2.0-7.5)	3.3 (1.7-6.3)	2.8 (1.5-5.4)	2.3 (1.2-4.5)
3	20 (10-31)	17 (8.7-27)	15 (7.2-23)	12 (6.0-20)	10 (4.9-17)	8.7 (4.1-14)	7.4 (3.4-12)	6.4 (2.9-11)	5.4 (2.4-9.0)	4.6 (2.1-7.7)	3.9 (1.7-6.6)
4	29 (14-39)	25 (12-34)	22 (10-30)	19 (8.3-26)	16 (6.9-22)	14 (5.7-19)	12 (4.8-17)	10 (4.1-14)	8.6 (3.5-12)	7.4 (3.0-11)	6.3 (2.5-9.1)
5	39 (20-45)	35 (17-40)	31 (14-36)	27 (12-32)	23 (10-28)	20 (8.5-24)	17 (7.2-21)	15 (6.1-18)	13 (5.2-16)	11 (4.4-14)	9.7 (3.8-12)
6	50	46	41	37	33	28	25	22	19	17	15