

**Venezuela - The probabilities of a major osteoporotic fracture in women**

The following tables give the 10-year probability (%) of a major osteoporotic fracture (hip, clinical spine, forearm or proximal humerus 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 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/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.9	0.8	0.8	0.7	0.6	0.5	0.4
1	1.5 (1.0-2.2)	1.3 (0.9-1.9)	1.2 (0.8-1.7)	1.0 (0.7-1.4)	0.9 (0.6-1.3)	0.8 (0.5-1.1)	0.7 (0.5-0.9)
2	2.4 (1.3-3.9)	2.1 (1.1-3.5)	1.9 (1.0-3.3)	1.6 (0.9-2.8)	1.4 (0.7-2.5)	1.2 (0.6-2.2)	1.1 (0.6-1.9)
3	3.9 (1.9-6.7)	3.2 (1.5-5.8)	2.9 (1.4-5.3)	2.5 (1.2-4.7)	2.2 (1.0-4.1)	1.9 (0.9-3.5)	1.6 (0.8-3.1)
4	6.2 (3.3-9.7)	5.0 (2.7-8.2)	4.4 (2.3-7.3)	3.8 (2.0-6.4)	3.3 (1.7-5.5)	2.9 (1.5-4.8)	2.5 (1.3-4.2)
5	9.8 (5.8-13)	7.8 (4.8-10)	6.7 (4.4-9.0)	5.7 (3.8-7.8)	5.0 (3.3-6.7)	4.3 (2.8-5.8)	3.7 (2.5-5.1)
6	15	12	9.9	8.6	7.4	6.3	5.5

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

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.4	1.2	1.1	0.9	0.8	0.7	0.6
1	2.2 (1.6-3.3)	1.9 (1.3-2.7)	1.7 (1.2-2.4)	1.5 (1.0-2.0)	1.3 (0.9-1.8)	1.1 (0.8-1.5)	1.0 (0.7-1.3)
2	3.6 (2.0-5.8)	3.0 (1.7-4.9)	2.7 (1.5-4.5)	2.3 (1.3-4.0)	2.0 (1.1-3.4)	1.8 (0.9-3.0)	1.5 (0.8-2.6)
3	5.8 (3.1-9.7)	4.7 (2.4-8.2)	4.2 (2.0-7.5)	3.6 (1.8-6.5)	3.1 (1.5-5.6)	2.7 (1.3-4.9)	2.3 (1.1-4.3)
4	9.3 (5.2-14)	7.4 (4.3-12)	6.3 (3.5-10)	5.4 (3.0-8.9)	4.7 (2.6-7.7)	4.0 (2.2-6.7)	3.5 (1.9-5.8)
5	15 (9.1-18)	11 (7.3-15)	9.5 (6.4-13)	8.2 (5.5-11)	7.0 (4.8-9.4)	6.0 (4.1-8.2)	5.2 (3.6-7.1)
6	22	17	14	12	10	8.9	7.7

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.2	1.9	1.7	1.5	1.3	1.1	0.9
1	3.6 (2.6-5.0)	3.0 (2.1-4.1)	2.6 (1.8-3.5)	2.3 (1.6-3.0)	2.0 (1.4-2.6)	1.7 (1.2-2.3)	1.5 (1.0-2.0)
2	5.7 (3.5-8.9)	4.7 (2.7-7.3)	4.1 (2.3-6.6)	3.5 (2.0-5.8)	3.0 (1.7-5.0)	2.6 (1.4-4.4)	2.3 (1.2-3.8)
3	9.1 (5.3-14)	7.3 (4.0-12)	6.3 (3.3-11)	5.4 (2.8-9.4)	4.6 (2.4-8.2)	4.0 (2.0-7.1)	3.4 (1.7-6.2)
4	14 (8.5-21)	11 (6.8-17)	9.5 (5.7-15)	8.1 (4.8-13)	7.0 (4.1-11)	6.0 (3.4-9.7)	5.2 (2.9-8.4)
5	22 (15-27)	17 (12-22)	14 (9.9-18)	12 (8.5-16)	10 (7.3-14)	8.9 (6.3-12)	7.7 (5.4-10)
6	32	25	21	18	15	13	11

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.3	2.7	2.4	2.1	1.8	1.5	1.3
1	5.4 (4.0-7.2)	4.3 (3.2-5.7)	3.8 (2.7-4.9)	3.2 (2.3-4.2)	2.8 (1.9-3.6)	2.4 (1.7-3.1)	2.1 (1.4-2.7)
2	8.5 (5.5-12)	6.8 (4.2-9.9)	5.8 (3.4-9.0)	5.0 (2.9-7.8)	4.3 (2.4-6.8)	3.7 (2.1-5.9)	3.1 (1.8-5.1)
3	13 (8.6-19)	10 (6.3-16)	8.8 (5.0-15)	7.5 (4.2-13)	6.4 (3.5-11)	5.5 (3.0-9.4)	4.7 (2.5-8.2)
4	20 (13-28)	16 (10-23)	13 (8.6-20)	11 (7.2-17)	9.6 (6.0-15)	8.2 (5.1-13)	7.1 (4.3-11)
5	30 (22-36)	23 (17-29)	19 (14-25)	17 (12-21)	14 (10-18)	12 (8.9-16)	10 (7.6-14)
6	42	34	28	24	20	18	15

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	5.1	4.1	3.5	3.0	2.5	2.2	1.9
1	8.2 (6.2-10)	6.4 (4.8-8.0)	5.3 (3.9-6.7)	4.5 (3.3-5.7)	3.8 (2.8-4.9)	3.2 (2.4-4.2)	2.7 (2.0-3.5)
2	13 (8.6-18)	10 (6.4-14)	8.0 (5.1-11)	6.8 (4.3-9.5)	5.7 (3.6-8.0)	4.8 (3.0-6.8)	4.1 (2.5-5.8)
3	20 (14-29)	16 (10-23)	12 (7.6-18)	10 (6.3-16)	8.6 (5.3-13)	7.2 (4.4-11)	6.1 (3.7-9.4)
4	31 (23-42)	24 (17-34)	19 (13-27)	15 (11-23)	13 (9.0-19)	11 (7.4-16)	9.1 (6.2-14)
5	45 (39-53)	36 (30-43)	28 (23-34)	23 (19-29)	19 (16-25)	16 (13-21)	14 (11-17)
6	59	50	40	34	29	24	20

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

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	7.8	6.2	5.1	4.3	3.6	3.0	2.6
1	13 (9.3-19)	10 (7.3-14)	8.0 (5.9-9.9)	6.6 (4.9-8.1)	5.5 (4.0-6.6)	4.6 (3.4-5.6)	3.8 (2.8-4.7)
2	21 (13-32)	16 (10-24)	12 (7.8-17)	10 (6.4-14)	8.5 (5.3-12)	7.0 (4.4-9.6)	5.8 (3.6-7.9)
3	32 (20-46)	25 (16-37)	20 (12-29)	16 (9.8-24)	13 (8.0-20)	11 (6.6-16)	8.9 (5.4-13)
4	46 (30-60)	38 (25-52)	30 (20-42)	25 (16-35)	21 (13-30)	17 (11-24)	14 (8.9-20)
5	60 (45-69)	54 (39-63)	44 (32-53)	37 (27-46)	31 (23-39)	26 (19-33)	21 (16-27)
6	71	68	61	53	46	39	32

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	11	8.8	7.5	6.3	5.2	4.3	3.6
1	17 (12-26)	14 (10-20)	11 (8.5-15)	9.5 (7.0-12)	7.8 (5.7-9.9)	6.5 (4.7-8.1)	5.4 (3.9-6.6)
2	26 (17-38)	21 (14-31)	17 (11-25)	14 (9.3-20)	12 (7.6-16)	9.7 (6.2-13)	8.0 (5.1-11)
3	37 (24-51)	32 (21-44)	26 (17-36)	22 (14-30)	18 (12-25)	15 (9.4-20)	12 (7.7-17)
4	49 (34-61)	44 (30-57)	38 (26-50)	32 (22-43)	26 (18-36)	22 (15-30)	18 (12-25)
5	61 (46-69)	57 (43-66)	52 (38-61)	44 (32-53)	38 (27-46)	32 (22-39)	26 (19-33)
6	71	69	65	58	51	44	37

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	13	12	11	9.0	7.5	6.2	5.2
1	20 (14-30)	18 (13-26)	16 (12-21)	13 (9.5-17)	11 (7.8-14)	9.0 (6.4-11)	7.4 (5.3-9.3)
2	29 (19-42)	26 (17-37)	23 (15-32)	19 (13-26)	16 (10-22)	13 (8.4-18)	11 (6.9-15)
3	39 (25-53)	36 (23-49)	33 (22-44)	28 (18-38)	23 (15-32)	19 (12-26)	16 (9.6-22)
4	51 (35-63)	48 (33-59)	44 (32-56)	38 (26-49)	32 (22-43)	27 (18-36)	22 (14-30)
5	62 (47-69)	59 (45-67)	56 (43-65)	50 (37-59)	43 (31-52)	37 (26-45)	31 (22-39)
6	71	69	67	61	55	48	41

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	14	14	14	12	9.5	7.9	6.5
1	21 (15-32)	20 (14-29)	20 (14-26)	16 (12-21)	13 (9.5-17)	11 (7.7-14)	9.2 (6.3-11)
2	30 (20-44)	28 (19-41)	27 (18-37)	23 (15-31)	19 (12-26)	16 (10-22)	13 (8.2-18)
3	40 (26-55)	38 (25-52)	37 (24-49)	31 (20-43)	26 (16-37)	22 (13-31)	18 (11-26)
4	51 (36-63)	49 (35-61)	47 (34-59)	41 (29-52)	35 (24-45)	30 (19-39)	25 (16-33)
5	61 (48-69)	60 (46-68)	58 (45-66)	52 (39-60)	45 (34-54)	39 (28-48)	33 (24-41)
6	69	69	68	62	56	50	43