

Mexico - 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 Mexico. 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	0.3	0.2	0.1	0.1	0.1	0.0	0.0
1	0.6 (0.4-1.2)	0.3 (0.2-0.7)	0.2 (0.1-0.4)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
2	1.1 (0.6-2.3)	0.7 (0.3-1.4)	0.4 (0.2-0.8)	0.3 (0.1-0.6)	0.2 (0.1-0.5)	0.2 (0.1-0.4)	0.1 (0.1-0.3)
3	2.1 (0.9-4.1)	1.2 (0.5-2.4)	0.7 (0.3-1.4)	0.5 (0.2-1.1)	0.4 (0.2-0.8)	0.3 (0.1-0.6)	0.2 (0.1-0.5)
4	3.7 (1.5-6.1)	2.2 (0.9-3.7)	1.3 (0.5-2.1)	1.0 (0.4-1.6)	0.8 (0.3-1.3)	0.6 (0.2-1.0)	0.5 (0.2-0.8)
5	6.5 (2.9-8.5)	3.9 (1.8-5.2)	2.3 (1.0-3.1)	1.8 (0.8-2.4)	1.4 (0.6-1.8)	1.1 (0.5-1.4)	0.8 (0.4-1.1)
6	11	6.8	4.0	3.1	2.4	1.9	1.4

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

Age = 55 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	0.5	0.3	0.2	0.1	0.1	0.1	0.1
1	1.0 (0.7-1.8)	0.6 (0.4-1.1)	0.3 (0.2-0.6)	0.3 (0.2-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
2	1.8 (1.0-3.5)	1.1 (0.6-2.1)	0.6 (0.3-1.2)	0.5 (0.3-1.0)	0.4 (0.2-0.7)	0.3 (0.2-0.6)	0.2 (0.1-0.4)
3	3.3 (1.5-6.0)	2.0 (0.9-3.7)	1.2 (0.5-2.2)	0.9 (0.4-1.7)	0.7 (0.3-1.3)	0.5 (0.2-1.0)	0.4 (0.2-0.8)
4	5.6 (2.6-9.0)	3.5 (1.6-5.6)	2.1 (0.9-3.3)	1.6 (0.7-2.6)	1.2 (0.5-2.0)	0.9 (0.4-1.5)	0.7 (0.3-1.2)
5	9.5 (4.9-12)	6.0 (3.1-7.8)	3.6 (1.9-4.7)	2.8 (1.4-3.7)	2.1 (1.1-2.8)	1.7 (0.8-2.2)	1.3 (0.7-1.7)
6	15	10	6.1	4.8	3.7	2.9	2.2

Age = 60 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	0.9	0.6	0.3	0.3	0.2	0.2	0.1
1	1.7 (1.2-2.7)	1.0 (0.8-1.7)	0.6 (0.4-1.0)	0.5 (0.3-0.7)	0.4 (0.3-0.6)	0.3 (0.2-0.4)	0.2 (0.2-0.3)
2	2.9 (1.7-5.0)	1.8 (1.1-3.2)	1.1 (0.6-1.9)	0.8 (0.5-1.5)	0.6 (0.4-1.2)	0.5 (0.3-0.9)	0.4 (0.2-0.7)
3	5.0 (2.6-8.6)	3.2 (1.6-5.6)	1.9 (1.0-3.4)	1.5 (0.7-2.6)	1.1 (0.6-2.0)	0.9 (0.4-1.6)	0.7 (0.3-1.2)
4	8.2 (4.5-13)	5.4 (2.8-8.3)	3.3 (1.7-5.1)	2.5 (1.3-4.0)	2.0 (1.0-3.1)	1.5 (0.8-2.4)	1.2 (0.6-1.8)
5	13 (7.8-16)	8.9 (5.3-11)	5.6 (3.3-7.2)	4.3 (2.6-5.6)	3.3 (2.0-4.3)	2.6 (1.5-3.3)	2.0 (1.2-2.5)
6	20	14	9.3	7.2	5.6	4.3	3.3

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

Age = 65 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.6	1.0	0.6	0.5	0.4	0.3	0.2
1	2.7 (2.1-3.9)	1.7 (1.3-2.5)	1.1 (0.8-1.5)	0.8 (0.6-1.2)	0.6 (0.5-0.9)	0.5 (0.4-0.7)	0.4 (0.3-0.5)
2	4.4 (2.7-6.8)	2.9 (1.8-4.6)	1.8 (1.1-2.9)	1.4 (0.9-2.3)	1.1 (0.7-1.7)	0.8 (0.5-1.3)	0.6 (0.4-1.0)
3	7.2 (4.2-11)	4.9 (2.8-8.0)	3.1 (1.7-5.1)	2.4 (1.3-4.0)	1.8 (1.0-3.0)	1.4 (0.8-2.3)	1.1 (0.6-1.8)
4	11 (6.9-17)	7.9 (4.8-12)	5.1 (3.0-7.7)	4.0 (2.3-6.0)	3.0 (1.8-4.6)	2.3 (1.4-3.6)	1.8 (1.1-2.7)
5	17 (12-21)	13 (8.5-15)	8.4 (5.7-10)	6.5 (4.4-8.1)	5.0 (3.4-6.2)	3.9 (2.6-4.8)	3.0 (2.0-3.7)
6	25	19	13	10	8.1	6.2	4.8

Age = 70 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	2.6	1.8	1.1	0.9	0.7	0.5	0.4
1	4.5 (3.3-5.5)	3.1 (2.4-3.8)	2.0 (1.6-2.4)	1.5 (1.2-1.8)	1.2 (0.9-1.4)	0.9 (0.7-1.1)	0.7 (0.5-0.8)
2	7.6 (5.0-11)	5.5 (3.6-7.8)	3.6 (2.4-5.0)	2.8 (1.8-3.9)	2.1 (1.4-3.0)	1.6 (1.1-2.3)	1.2 (0.8-1.8)
3	12 (7.7-19)	9.2 (6.0-13)	6.3 (4.1-9.2)	4.8 (3.2-7.1)	3.7 (2.4-5.5)	2.8 (1.9-4.2)	2.2 (1.4-3.2)
4	19 (13-27)	15 (10-22)	11 (7.3-15)	8.3 (5.6-12)	6.4 (4.3-9.4)	4.9 (3.3-7.3)	3.8 (2.5-5.6)
5	29 (24-36)	24 (20-30)	18 (15-22)	14 (11-18)	11 (8.8-14)	8.3 (6.8-11)	6.4 (5.2-8.4)
6	40	35	28	22	18	14	11

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

Age = 75 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	4.1	2.9	1.9	1.5	1.1	0.9	0.7
1	7.6 (5.0-13)	5.5 (3.8-9.7)	3.7 (2.6-6.5)	2.8 (2.0-5.0)	2.2 (1.5-3.9)	1.7 (1.1-3.0)	1.3 (0.9-2.3)
2	13 (7.5-22)	9.9 (5.7-17)	6.9 (3.9-11)	5.3 (3.0-8.9)	4.1 (2.3-6.9)	3.1 (1.7-5.3)	2.4 (1.3-4.1)
3	21 (11-34)	17 (9.0-27)	12 (6.7-19)	9.6 (5.1-15)	7.4 (3.9-12)	5.7 (3.0-9.2)	4.4 (2.3-7.1)
4	31 (18-44)	27 (15-38)	21 (11-31)	16 (8.8-25)	13 (6.8-20)	10 (5.2-15)	7.7 (3.9-12)
5	43 (28-53)	39 (24-49)	33 (19-41)	27 (15-34)	21 (12-28)	17 (9.1-22)	13 (7.0-18)
6	56	52	47	40	33	27	21

Age = 80 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	5.4	3.9	2.6	2.0	1.5	1.2	0.9
1	9.6 (6.6-17)	7.1 (5.0-13)	4.9 (3.5-8.8)	3.8 (2.7-6.8)	2.9 (2.0-5.2)	2.2 (1.5-4.0)	1.7 (1.2-3.1)
2	16 (9.8-27)	12 (7.4-21)	8.8 (5.3-15)	6.8 (4.0-12)	5.2 (3.1-9.0)	4.0 (2.3-7.0)	3.1 (1.8-5.4)
3	25 (14-37)	20 (11-31)	15 (8.0-24)	12 (6.2-19)	9.1 (4.7-15)	7.1 (3.6-12)	5.4 (2.8-9.1)
4	36 (21-47)	31 (17-41)	24 (13-34)	19 (10-28)	15 (7.9-22)	12 (6.0-17)	9.2 (4.6-14)
5	48 (32-57)	43 (27-52)	36 (22-45)	30 (17-38)	24 (13-31)	19 (10-25)	15 (7.9-20)
6	60	56	50	43	36	29	24

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

Age = 85 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	5.8	4.4	3.1	2.3	1.8	1.3	1.0
1	10 (6.9-18)	7.9 (5.4-14)	5.7 (4.0-10)	4.3 (3.0-7.8)	3.3 (2.3-6.0)	2.5 (1.7-4.6)	1.9 (1.3-3.5)
2	17 (10-28)	13 (8.1-23)	10 (5.9-17)	7.7 (4.5-13)	5.9 (3.5-10)	4.5 (2.6-8.0)	3.5 (2.0-6.1)
3	25 (15-38)	21 (12-32)	17 (9.0-26)	13 (7.0-21)	10 (5.3-17)	7.8 (4.1-13)	6.0 (3.1-10)
4	36 (21-48)	32 (18-43)	26 (14-36)	21 (11-30)	17 (8.5-24)	13 (6.5-19)	10 (4.9-15)
5	48 (32-57)	44 (28-53)	38 (23-47)	32 (18-40)	26 (14-33)	21 (11-27)	16 (8.5-21)
6	60	56	52	44	37	31	25

Age = 90 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	6.1	4.7	3.4	2.6	1.9	1.5	1.1
1	11 (7.2-19)	8.3 (5.7-15)	6.2 (4.3-11)	4.7 (3.2-8.6)	3.6 (2.5-6.6)	2.7 (1.9-5.0)	2.1 (1.4-3.8)
2	17 (10-29)	14 (8.4-24)	11 (6.4-18)	8.3 (4.9-14)	6.4 (3.7-11)	4.9 (2.8-8.6)	3.7 (2.1-6.6)
3	26 (15-39)	22 (13-33)	18 (9.7-28)	14 (7.5-22)	11 (5.7-17)	8.3 (4.3-14)	6.4 (3.3-10)
4	37 (22-49)	32 (18-43)	27 (15-38)	22 (12-31)	17 (8.9-25)	14 (6.8-20)	11 (5.2-16)
5	49 (33-57)	44 (28-54)	39 (24-48)	33 (19-41)	27 (15-34)	21 (11-28)	17 (8.8-22)
6	60	57	52	45	38	31	25