Morocco - 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 Morocco. 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	0.2	0.1	0.1	0.0	0.0	0.0	0.0
1	0.3 (0.2-0.7)	0.2 (0.1-0.4)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.1 (0.0-0.1)	0.0 (0.0-0.1)
2	0.7 (0.3-1.4)	0.4 (0.2-0.8)	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 (0.0-0.2)
3	1.2 (0.5-2.4)	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)
4	2.2 (0.9-3.6)	1.3 (0.5-2.1)	0.7 (0.3-1.2)	0.6 (0.2-0.9)	0.4 (0.2-0.7)	0.3 (0.1-0.5)	0.3 (0.1-0.4)
5	3.9 (1.7-5.1)	2.3 (1.0-3.0)	1.3 (0.6-1.7)	1.0 (0.4-1.3)	0.8 (0.3-1.0)	0.6 (0.3-0.8)	0.5 (0.2-0.6)
6	6.7	4.0	2.3	1.8	1.4	1.1	0.8

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

Age = 55 years

Number of CRFs	BMI (kg/m²)						
	15	**20**	**25**	**30**	**35**	**40**	**45**
0	0.3	0.2	0.1	0.1	0.1	0.1	0.0
1	0.6 (0.4-1.1)	0.3 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)
2	1.1 (0.6-2.1)	0.6 (0.3-1.2)	0.4 (0.2-0.7)	0.3 (0.2-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.3)
3	1.9 (0.9-3.6)	1.2 (0.5-2.2)	0.7 (0.3-1.3)	0.5 (0.2-1.0)	0.4 (0.2-0.7)	0.3 (0.1-0.6)	0.2 (0.1-0.4)
4	3.4 (1.6-5.4)	2.0 (0.9-3.3)	1.2 (0.5-1.9)	0.9 (0.4-1.5)	0.7 (0.3-1.1)	0.5 (0.2-0.9)	0.4 (0.2-0.7)
5	5.8 (2.9-7.4)	3.5 (1.8-4.6)	2.1 (1.1-2.8)	1.6 (0.8-2.1)	1.2 (0.6-1.6)	1.0 (0.5-1.3)	0.7 (0.4-1.0)
6	9.6	6.0	3.6	2.8	2.2	1.7	1.3

Age = 60 years

Number of CRFs	BMI (kg/m²)						
	15	**20**	**25**	**30**	**35**	**40**	**45**
0	0.6	0.3	0.2	0.2	0.1	0.1	0.1
1	1.0 (0.7-1.6)	0.6 (0.4-1.0)	0.4 (0.3-0.6)	0.3 (0.2-0.4)	0.2 (0.2-0.3)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
2	1.7 (1.0-3.0)	1.1 (0.6-1.9)	0.6 (0.4-1.2)	0.5 (0.3-0.9)	0.4 (0.2-0.7)	0.3 (0.2-0.5)	0.2 (0.1-0.4)
3	3.0 (1.5-5.2)	1.9 (1.0-3.3)	1.1 (0.6-2.0)	0.9 (0.4-1.6)	0.7 (0.3-1.2)	0.5 (0.3-0.9)	0.4 (0.2-0.7)
4	5.0 (2.7-7.8)	3.2 (1.7-5.1)	2.0 (1.0-3.1)	1.5 (0.8-2.4)	1.2 (0.6-1.8)	0.9 (0.5-1.4)	0.7 (0.4-1.1)
5	8.1 (4.7-10)	5.4 (3.2-6.8)	3.4 (2.0-4.3)	2.6 (1.5-3.3)	2.0 (1.2-2.6)	1.5 (0.9-2.0)	1.2 (0.7-1.5)
6	13	8.9	5.6	4.4	3.4	2.6	2.0

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

Age = 65 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	0.9	0.6	0.4	0.3	0.2	0.2	0.1
1	1.5 (1.2-2.3)	1.0 (0.8-1.5)	0.6 (0.5-0.9)	0.5 (0.4-0.7)	0.4 (0.3-0.5)	0.3 (0.2-0.4)	0.2 (0.2-0.3)
2	2.5 (1.6-4.0)	1.7 (1.1-2.7)	1.1 (0.7-1.7)	0.8 (0.5-1.3)	0.6 (0.4-1.0)	0.5 (0.3-0.8)	0.4 (0.2-0.6)
3	4.1 (2.4-6.7)	2.8 (1.6-4.7)	1.8 (1.0-3.0)	1.4 (0.8-2.3)	1.1 (0.6-1.8)	0.8 (0.5-1.4)	0.6 (0.4-1.0)
4	6.6 (3.9-9.9)	4.6 (2.8-7.0)	3.0 (1.8-4.6)	2.3 (1.4-3.5)	1.8 (1.1-2.7)	1.4 (0.8-2.1)	1.0 (0.6-1.6)
5	10 (6.7-13)	7.4 (4.9-9.1)	5.0 (3.3-6.2)	3.8 (2.6-4.8)	2.9 (1.9-3.7)	2.2 (1.5-2.8)	1.7 (1.1-2.1)
6	15	12	8.0	6.2	4.8	3.7	2.8

Age = 70 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	1.3	0.9	0.6	0.4	0.3	0.3	0.2
1	2.2 (1.6-2.7)	1.6 (1.1-1.9)	1.0 (0.8-1.2)	0.8 (0.6-0.9)	0.6 (0.5-0.7)	0.5 (0.3-0.6)	0.3 (0.3-0.4)
2	3.7 (2.4-5.6)	2.7 (1.7-4.0)	1.8 (1.2-2.6)	1.4 (0.9-2.0)	1.1 (0.7-1.5)	0.8 (0.5-1.2)	0.6 (0.4-0.9)
3	6.2 (3.7-9.6)	4.6 (2.9-6.9)	3.2 (2.1-4.7)	2.4 (1.6-3.6)	1.9 (1.2-2.7)	1.4 (0.9-2.1)	1.1 (0.7-1.6)
4	10 (6.4-15)	7.7 (5.0-11)	5.5 (3.6-8.1)	4.2 (2.8-6.2)	3.2 (2.1-4.8)	2.4 (1.6-3.6)	1.9 (1.2-2.8)
5	16 (13-21)	13 (10-16)	9.2 (7.5-12)	7.1 (5.8-9.3)	5.5 (4.4-7.2)	4.2 (3.3-5.5)	3.2 (2.5-4.2)
6	24	20	15	12	9.1	7.0	5.3

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

Age = 75 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	1.6	1.2	0.9	0.6	0.5	0.4	0.3
1	3.0 (1.9-5.5)	2.3 (1.5-4.2)	1.6 (1.1-2.9)	1.2 (0.8-2.2)	0.9 (0.6-1.7)	0.7 (0.5-1.3)	0.5 (0.4-1.0)
2	5.3 (2.8-9.6)	4.2 (2.3-7.4)	3.0 (1.7-5.3)	2.3 (1.3-4.0)	1.8 (1.0-3.1)	1.3 (0.7-2.3)	1.0 (0.6-1.8)
3	9.1 (4.3-16)	7.3 (3.5-12)	5.5 (2.8-9.1)	4.2 (2.1-7.0)	3.2 (1.6-5.4)	2.4 (1.2-4.1)	1.8 (0.9-3.1)
4	15 (7.3-22)	12 (6.1-19)	9.5 (4.8-15)	7.3 (3.6-11)	5.6 (2.7-8.8)	4.3 (2.1-6.7)	3.2 (1.6-5.1)
5	23 (13-30)	19 (11-26)	16 (8.4-21)	12 (6.4-17)	9.5 (4.9-13)	7.3 (3.7-10)	5.5 (2.8-7.7)
6	33	29	25	20	15	12	9.2

Age = 80 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	2.1	1.7	1.2	0.9	0.7	0.5	0.4
1	3.8 (2.5-7.0)	3.0 (2.0-5.7)	2.3 (1.6-4.2)	1.7 (1.2-3.2)	1.3 (0.9-2.4)	1.0 (0.7-1.9)	0.7 (0.5-1.4)
2	6.5 (3.6-12)	5.3 (3.0-9.6)	4.1 (2.4-7.3)	3.1 (1.8-5.6)	2.3 (1.3-4.3)	1.8 (1.0-3.2)	1.3 (0.8-2.5)
3	11 (5.3-17)	8.8 (4.5-14)	7.0 (3.6-11)	5.3 (2.7-8.8)	4.1 (2.1-6.7)	3.1 (1.5-5.1)	2.3 (1.2-3.9)
4	16 (8.1-24)	14 (6.8-20)	12 (5.6-17)	8.9 (4.2-13)	6.8 (3.2-10)	5.2 (2.4-7.8)	3.9 (1.8-5.9)
5	24 (13-31)	21 (11-28)	18 (9.5-24)	14 (7.3-19)	11 (5.5-15)	8.4 (4.2-11)	6.4 (3.1-8.8)
6	34	31	27	22	17	13	10

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

Age = 85 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	2.7	2.2	1.7	1.3	1.0	0.7	0.6
1	4.8 (3.1-8.8)	4.0 (2.6-7.4)	3.2 (2.1-5.9)	2.4 (1.6-4.5)	1.8 (1.2-3.4)	1.3 (0.9-2.5)	1.0 (0.7-1.9)
2	8.0 (4.5-15)	6.8 (3.8-12)	5.5 (3.1-10)	4.2 (2.3-7.6)	3.2 (1.8-5.8)	2.4 (1.3-4.4)	1.8 (1.0-3.3)
3	13 (6.7-21)	11 (5.6-18)	9.2 (4.7-15)	7.0 (3.5-11)	5.3 (2.7-8.8)	4.0 (2.0-6.7)	3.0 (1.5-5.1)
4	20 (10-28)	17 (8.5-25)	15 (7.2-21)	11 (5.4-17)	8.7 (4.1-13)	6.7 (3.1-9.9)	5.1 (2.3-7.6)
5	29 (16-36)	25 (14-33)	22 (12-29)	18 (9.2-23)	14 (7.0-18)	11 (5.3-14)	8.1 (4.0-11)
6	39	36	32	26	21	16	13

Age = 90 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	3.4	2.9	2.3	1.7	1.3	1.0	0.7
1	6.0 (3.9-11)	5.1 (3.3-9.3)	4.2 (2.7-7.7)	3.1 (2.0-5.9)	2.4 (1.5-4.4)	1.8 (1.1-3.3)	1.3 (0.9-2.5)
2	10 (5.6-18)	8.5 (4.8-15)	7.1 (4.0-13)	5.4 (3.0-9.9)	4.1 (2.2-7.6)	3.1 (1.7-5.8)	2.3 (1.2-4.4)
3	16 (8.3-25)	14 (7.1-22)	12 (6.0-19)	8.9 (4.5-15)	6.8 (3.4-11)	5.2 (2.5-8.7)	3.9 (1.9-6.6)
4	24 (12-33)	21 (11-30)	18 (9.0-26)	14 (6.8-21)	11 (5.2-16)	8.4 (3.9-13)	6.4 (2.9-9.8)
5	33 (20-41)	30 (17-38)	26 (15-34)	21 (11-28)	17 (8.8-22)	13 (6.7-18)	10 (5.0-14)
6	44	41	37	31	25	20	16