

**Tunisia - 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/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 Tunisia. 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.0 (0.0-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)	0.0 (0.0-0.0)
2	0.3 (0.1-0.6)	0.2 (0.1-0.3)	0.1 (0.0-0.2)	0.1 (0.0-0.1)	0.1 (0.0-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.1)
3	0.5 (0.2-1.0)	0.3 (0.1-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.1 (0.0-0.2)	0.1 (0.0-0.2)	0.1 (0.0-0.1)
4	0.9 (0.4-1.5)	0.5 (0.2-0.9)	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 (0.0-0.2)
5	1.6 (0.7-2.1)	0.9 (0.4-1.3)	0.5 (0.2-0.7)	0.4 (0.2-0.6)	0.3 (0.1-0.4)	0.2 (0.1-0.3)	0.2 (0.1-0.3)
6	2.7	1.7	1.0	0.7	0.6	0.4	0.3

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

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	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 (0.2-0.4)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	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	0.4 (0.2-0.7)	0.2 (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)	0.0 (0.0-0.1)
3	0.7 (0.3-1.3)	0.4 (0.2-0.8)	0.3 (0.1-0.5)	0.2 (0.1-0.4)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.2)
4	1.2 (0.6-2.0)	0.8 (0.3-1.2)	0.5 (0.2-0.7)	0.3 (0.2-0.6)	0.3 (0.1-0.4)	0.2 (0.1-0.3)	0.2 (0.1-0.3)
5	2.0 (1.0-2.6)	1.3 (0.7-1.7)	0.8 (0.4-1.0)	0.6 (0.3-0.8)	0.5 (0.2-0.6)	0.4 (0.2-0.5)	0.3 (0.1-0.4)
6	3.4	2.2	1.4	1.1	0.8	0.6	0.5

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.2	0.1	0.1	0.1	0.0	0.0	0.0
1	0.3 (0.2-0.5)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)	0.0 (0.0-0.1)
2	0.6 (0.3-0.9)	0.4 (0.2-0.6)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)
3	0.9 (0.5-1.6)	0.6 (0.3-1.1)	0.4 (0.2-0.7)	0.3 (0.2-0.6)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
4	1.6 (0.8-2.5)	1.1 (0.6-1.7)	0.7 (0.4-1.1)	0.5 (0.3-0.8)	0.4 (0.2-0.6)	0.3 (0.2-0.5)	0.2 (0.1-0.4)
5	2.5 (1.4-3.2)	1.8 (1.0-2.2)	1.2 (0.7-1.5)	0.9 (0.5-1.1)	0.7 (0.4-0.9)	0.5 (0.3-0.7)	0.4 (0.2-0.5)
6	4.0	2.9	2.0	1.5	1.1	0.9	0.7

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.3	0.2	0.1	0.1	0.1	0.1	0.0
1	0.4 (0.3-0.7)	0.3 (0.2-0.5)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)
2	0.7 (0.4-1.1)	0.5 (0.3-0.8)	0.3 (0.2-0.6)	0.3 (0.2-0.4)	0.2 (0.1-0.3)	0.2 (0.1-0.2)	0.1 (0.1-0.2)
3	1.1 (0.6-1.8)	0.8 (0.5-1.4)	0.6 (0.3-1.0)	0.4 (0.3-0.7)	0.3 (0.2-0.6)	0.3 (0.1-0.4)	0.2 (0.1-0.3)
4	1.8 (1.0-2.7)	1.3 (0.8-2.1)	1.0 (0.6-1.5)	0.7 (0.4-1.1)	0.5 (0.3-0.9)	0.4 (0.2-0.6)	0.3 (0.2-0.5)
5	2.8 (1.7-3.6)	2.1 (1.4-2.7)	1.5 (1.0-1.9)	1.2 (0.8-1.5)	0.9 (0.6-1.1)	0.7 (0.4-0.8)	0.5 (0.3-0.6)
6	4.2	3.4	2.5	1.9	1.4	1.1	0.8

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.3	0.2	0.2	0.1	0.1	0.1	0.1
1	0.5 (0.4-0.7)	0.4 (0.3-0.5)	0.3 (0.2-0.4)	0.2 (0.2-0.3)	0.2 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)
2	0.9 (0.6-1.4)	0.7 (0.5-1.1)	0.5 (0.3-0.8)	0.4 (0.3-0.6)	0.3 (0.2-0.5)	0.2 (0.2-0.4)	0.2 (0.1-0.3)
3	1.5 (0.9-2.5)	1.2 (0.7-2.0)	0.9 (0.6-1.4)	0.7 (0.4-1.1)	0.5 (0.3-0.8)	0.4 (0.2-0.6)	0.3 (0.2-0.5)
4	2.6 (1.5-3.8)	2.0 (1.2-3.1)	1.6 (1.0-2.4)	1.2 (0.7-1.8)	0.9 (0.6-1.3)	0.7 (0.4-1.0)	0.5 (0.3-0.8)
5	4.2 (3.2-5.7)	3.4 (2.6-4.6)	2.6 (2.1-3.6)	2.0 (1.6-2.7)	1.5 (1.2-2.0)	1.1 (0.9-1.5)	0.8 (0.7-1.2)
6	6.6	5.4	4.3	3.3	2.5	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 Tunisia.

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.4	0.3	0.2	0.2	0.1	0.1	0.1
1	0.7 (0.4-1.3)	0.6 (0.4-1.0)	0.4 (0.3-0.8)	0.3 (0.2-0.6)	0.2 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.3)
2	1.2 (0.6-2.3)	1.0 (0.5-1.9)	0.8 (0.4-1.5)	0.6 (0.3-1.1)	0.5 (0.2-0.8)	0.3 (0.2-0.6)	0.3 (0.1-0.5)
3	2.2 (1.0-4.0)	1.8 (0.8-3.3)	1.4 (0.7-2.6)	1.1 (0.5-1.9)	0.8 (0.4-1.5)	0.6 (0.3-1.1)	0.4 (0.2-0.8)
4	3.7 (1.7-6.0)	3.0 (1.4-4.9)	2.5 (1.1-4.0)	1.9 (0.9-3.0)	1.4 (0.6-2.2)	1.0 (0.5-1.7)	0.8 (0.4-1.3)
5	6.1 (3.0-8.6)	5.1 (2.5-7.2)	4.2 (2.1-5.9)	3.2 (1.5-4.5)	2.4 (1.2-3.4)	1.8 (0.9-2.5)	1.3 (0.6-1.9)
6	9.8	8.2	6.9	5.2	3.9	3.0	2.2

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.4	0.4	0.3	0.2	0.2	0.1	0.1
1	0.8 (0.5-1.5)	0.7 (0.4-1.3)	0.6 (0.4-1.0)	0.4 (0.3-0.8)	0.3 (0.2-0.6)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
2	1.4 (0.8-2.7)	1.2 (0.6-2.2)	1.0 (0.5-1.8)	0.7 (0.4-1.4)	0.5 (0.3-1.0)	0.4 (0.2-0.8)	0.3 (0.2-0.6)
3	2.4 (1.2-4.1)	2.0 (1.0-3.5)	1.7 (0.8-2.8)	1.2 (0.6-2.1)	0.9 (0.4-1.6)	0.7 (0.3-1.2)	0.5 (0.2-0.9)
4	4.0 (1.8-6.2)	3.3 (1.5-5.2)	2.8 (1.2-4.3)	2.1 (0.9-3.2)	1.6 (0.7-2.4)	1.2 (0.5-1.8)	0.9 (0.4-1.3)
5	6.4 (3.1-8.8)	5.4 (2.6-7.5)	4.5 (2.2-6.3)	3.4 (1.6-4.7)	2.5 (1.2-3.6)	1.9 (0.9-2.7)	1.4 (0.7-2.0)
6	10	8.5	7.2	5.4	4.1	3.1	2.3

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.5	0.5	0.4	0.3	0.2	0.2	0.1
1	1.0 (0.6-1.9)	0.8 (0.5-1.6)	0.7 (0.4-1.3)	0.5 (0.3-1.0)	0.4 (0.2-0.7)	0.3 (0.2-0.5)	0.2 (0.1-0.4)
2	1.7 (0.9-3.3)	1.4 (0.8-2.7)	1.2 (0.6-2.3)	0.9 (0.5-1.7)	0.7 (0.4-1.3)	0.5 (0.3-0.9)	0.4 (0.2-0.7)
3	2.9 (1.4-5.0)	2.4 (1.2-4.2)	2.0 (1.0-3.5)	1.5 (0.7-2.6)	1.1 (0.5-2.0)	0.8 (0.4-1.5)	0.6 (0.3-1.1)
4	4.8 (2.2-7.4)	4.0 (1.8-6.2)	3.4 (1.5-5.2)	2.5 (1.1-3.9)	1.9 (0.8-3.0)	1.4 (0.6-2.2)	1.1 (0.5-1.7)
5	7.7 (3.7-10)	6.5 (3.1-8.9)	5.5 (2.6-7.5)	4.1 (2.0-5.7)	3.1 (1.5-4.3)	2.3 (1.1-3.2)	1.7 (0.8-2.4)
6	12	10	8.6	6.5	4.9	3.7	2.8

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.7	0.6	0.5	0.3	0.3	0.2	0.1
1	1.2 (0.8-2.3)	1.0 (0.6-1.9)	0.8 (0.5-1.6)	0.6 (0.4-1.2)	0.5 (0.3-0.9)	0.3 (0.2-0.7)	0.3 (0.2-0.5)
2	2.1 (1.1-4.0)	1.8 (0.9-3.3)	1.5 (0.8-2.8)	1.1 (0.6-2.1)	0.8 (0.4-1.6)	0.6 (0.3-1.2)	0.5 (0.2-0.9)
3	3.5 (1.7-6.1)	3.0 (1.4-5.1)	2.5 (1.2-4.3)	1.9 (0.9-3.2)	1.4 (0.7-2.4)	1.0 (0.5-1.8)	0.8 (0.4-1.3)
4	5.8 (2.6-8.9)	4.9 (2.2-7.6)	4.1 (1.8-6.4)	3.1 (1.4-4.8)	2.3 (1.0-3.6)	1.7 (0.8-2.7)	1.3 (0.6-2.0)
5	9.1 (4.5-12)	7.8 (3.8-11)	6.6 (3.2-9.1)	5.0 (2.4-6.9)	3.8 (1.8-5.3)	2.8 (1.3-4.0)	2.1 (1.0-3.0)
6	14	12	10	7.9	6.0	4.5	3.4