

Palestine - 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 Palestine. 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	0.1	0.0
1	0.7 (0.5-1.4)	0.4 (0.3-0.8)	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 (0.1-0.2)
2	1.3 (0.7-2.8)	0.8 (0.4-1.6)	0.4 (0.2-0.9)	0.3 (0.2-0.7)	0.3 (0.1-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
3	2.5 (1.0-4.9)	1.4 (0.6-2.8)	0.8 (0.3-1.6)	0.6 (0.2-1.2)	0.5 (0.2-0.9)	0.4 (0.2-0.7)	0.3 (0.1-0.6)
4	4.5 (1.8-7.3)	2.6 (1.0-4.3)	1.5 (0.6-2.4)	1.1 (0.4-1.9)	0.9 (0.3-1.4)	0.7 (0.3-1.1)	0.5 (0.2-0.9)
5	7.8 (3.6-10)	4.6 (2.1-6.1)	2.6 (1.2-3.5)	2.0 (0.9-2.7)	1.6 (0.7-2.1)	1.2 (0.5-1.6)	0.9 (0.4-1.3)
6	13	8.0	4.6	3.6	2.8	2.2	1.7

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

Age = 55 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	0.7	0.4	0.2	0.2	0.1	0.1	0.1
1	1.3 (0.9-2.3)	0.7 (0.5-1.3)	0.4 (0.3-0.7)	0.3 (0.2-0.6)	0.3 (0.2-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.3)
2	2.4 (1.3-4.5)	1.4 (0.7-2.7)	0.8 (0.4-1.5)	0.6 (0.3-1.2)	0.5 (0.3-0.9)	0.4 (0.2-0.7)	0.3 (0.2-0.5)
3	4.2 (1.9-7.8)	2.5 (1.1-4.7)	1.4 (0.6-2.7)	1.1 (0.5-2.1)	0.8 (0.4-1.6)	0.7 (0.3-1.2)	0.5 (0.2-1.0)
4	7.3 (3.4-12)	4.4 (2.0-7.0)	2.5 (1.1-4.1)	2.0 (0.9-3.1)	1.5 (0.7-2.4)	1.2 (0.5-1.9)	0.9 (0.4-1.5)
5	12 (6.5-16)	7.6 (4.0-9.9)	4.4 (2.3-5.9)	3.5 (1.8-4.6)	2.7 (1.4-3.5)	2.1 (1.1-2.7)	1.6 (0.8-2.1)
6	20	13	7.6	5.9	4.6	3.6	2.8

Age = 60 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.1	0.7	0.4	0.3	0.2	0.2	0.1
1	2.0 (1.5-3.3)	1.2 (0.9-2.0)	0.7 (0.5-1.1)	0.5 (0.4-0.9)	0.4 (0.3-0.7)	0.3 (0.2-0.5)	0.3 (0.2-0.4)
2	3.6 (2.1-6.2)	2.2 (1.3-3.9)	1.3 (0.7-2.3)	1.0 (0.6-1.8)	0.8 (0.4-1.4)	0.6 (0.3-1.1)	0.5 (0.3-0.8)
3	6.1 (3.2-11)	3.8 (1.9-6.7)	2.3 (1.1-4.0)	1.7 (0.9-3.1)	1.3 (0.7-2.4)	1.0 (0.5-1.9)	0.8 (0.4-1.4)
4	10 (5.5-16)	6.5 (3.4-10)	3.9 (2.0-6.1)	3.0 (1.5-4.7)	2.3 (1.2-3.6)	1.8 (0.9-2.8)	1.4 (0.7-2.2)
5	16 (9.9-20)	11 (6.4-14)	6.6 (4.0-8.5)	5.2 (3.1-6.6)	4.0 (2.4-5.1)	3.1 (1.8-4.0)	2.4 (1.4-3.1)
6	25	17	11	8.6	6.7	5.2	4.0

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

Age = 65 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.8	1.1	0.7	0.5	0.4	0.3	0.2
1	3.0 (2.3-4.4)	1.9 (1.5-2.7)	1.1 (0.9-1.6)	0.9 (0.7-1.3)	0.7 (0.5-1.0)	0.5 (0.4-0.8)	0.4 (0.3-0.6)
2	5.0 (3.1-7.7)	3.2 (2.0-5.1)	2.0 (1.2-3.2)	1.5 (0.9-2.5)	1.2 (0.7-1.9)	0.9 (0.6-1.5)	0.7 (0.4-1.1)
3	8.1 (4.7-13)	5.4 (3.1-8.9)	3.4 (1.9-5.6)	2.6 (1.4-4.3)	2.0 (1.1-3.3)	1.5 (0.9-2.6)	1.2 (0.7-2.0)
4	13 (8.0-19)	8.8 (5.3-13)	5.6 (3.3-8.4)	4.3 (2.5-6.5)	3.3 (2.0-5.0)	2.6 (1.5-3.9)	2.0 (1.2-3.0)
5	20 (13-24)	14 (9.5-17)	9.2 (6.3-11)	7.1 (4.8-8.9)	5.5 (3.7-6.9)	4.3 (2.9-5.3)	3.3 (2.2-4.1)
6	29	22	15	11	8.9	6.9	5.3

Age = 70 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	2.4	1.6	1.0	0.8	0.6	0.4	0.3
1	4.2 (3.1-5.0)	2.8 (2.1-3.4)	1.8 (1.4-2.1)	1.4 (1.0-1.6)	1.0 (0.8-1.2)	0.8 (0.6-1.0)	0.6 (0.5-0.7)
2	7.1 (4.6-10)	4.9 (3.2-7.0)	3.2 (2.1-4.4)	2.4 (1.6-3.4)	1.9 (1.2-2.6)	1.4 (0.9-2.0)	1.1 (0.7-1.5)
3	12 (7.4-17)	8.4 (5.5-12)	5.6 (3.6-8.2)	4.3 (2.8-6.3)	3.3 (2.1-4.9)	2.5 (1.6-3.7)	1.9 (1.3-2.9)
4	19 (13-26)	14 (9.5-20)	9.6 (6.6-14)	7.4 (5.1-11)	5.7 (3.9-8.4)	4.4 (3.0-6.5)	3.4 (2.3-5.0)
5	28 (24-36)	22 (19-28)	16 (13-20)	13 (10-16)	9.8 (8.0-12)	7.5 (6.2-9.7)	5.8 (4.7-7.5)
6	40	34	26	20	16	13	9.8

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

Age = 75 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	2.9	2.0	1.3	1.0	0.8	0.6	0.5
1	5.3 (3.5-9.4)	3.8 (2.6-6.8)	2.6 (1.8-4.5)	2.0 (1.4-3.5)	1.5 (1.0-2.7)	1.1 (0.8-2.0)	0.9 (0.6-1.6)
2	9.4 (5.3-16)	7.0 (3.9-12)	4.8 (2.7-8.1)	3.7 (2.1-6.2)	2.8 (1.6-4.8)	2.2 (1.2-3.7)	1.6 (0.9-2.8)
3	16 (8.1-26)	12 (6.3-20)	8.7 (4.7-14)	6.7 (3.6-11)	5.2 (2.7-8.4)	4.0 (2.0-6.5)	3.0 (1.5-4.9)
4	25 (13-35)	20 (11-30)	15 (8.0-23)	12 (6.2-18)	9.1 (4.7-14)	7.0 (3.6-11)	5.4 (2.7-8.5)
5	36 (22-46)	31 (18-40)	25 (14-32)	20 (11-26)	15 (8.3-20)	12 (6.4-16)	9.3 (4.9-13)
6	49	44	38	31	25	20	15

Age = 80 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	3.2	2.4	1.7	1.3	1.0	0.7	0.6
1	5.7 (3.8-10)	4.4 (3.0-8.0)	3.1 (2.2-5.7)	2.4 (1.6-4.4)	1.8 (1.2-3.3)	1.4 (0.9-2.5)	1.0 (0.7-1.9)
2	9.8 (5.7-17)	7.7 (4.5-14)	5.6 (3.3-9.8)	4.3 (2.5-7.5)	3.3 (1.9-5.8)	2.5 (1.4-4.4)	1.9 (1.1-3.4)
3	16 (8.5-25)	13 (6.8-20)	9.7 (5.1-16)	7.5 (3.9-12)	5.7 (2.9-9.5)	4.4 (2.2-7.3)	3.3 (1.7-5.6)
4	24 (13-33)	20 (10-28)	16 (8.2-23)	12 (6.2-18)	9.7 (4.7-14)	7.4 (3.6-11)	5.7 (2.7-8.5)
5	34 (20-43)	30 (17-38)	25 (14-32)	20 (11-26)	16 (8.1-20)	12 (6.2-16)	9.4 (4.7-13)
6	46	42	36	30	24	19	15

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

Age = 85 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	3.4	2.7	2.0	1.5	1.2	0.9	0.7
1	6.1 (4.0-11)	4.9 (3.3-9.0)	3.7 (2.5-6.9)	2.8 (1.9-5.2)	2.1 (1.4-4.0)	1.6 (1.1-3.0)	1.2 (0.8-2.3)
2	10 (6.0-18)	8.4 (4.9-15)	6.6 (3.8-12)	5.0 (2.9-9.0)	3.8 (2.2-6.9)	2.9 (1.6-5.2)	2.2 (1.2-4.0)
3	16 (8.8-26)	14 (7.3-22)	11 (5.9-18)	8.5 (4.4-14)	6.5 (3.4-11)	5.0 (2.5-8.1)	3.8 (1.9-6.2)
4	25 (13-34)	21 (11-30)	18 (8.9-25)	14 (6.8-20)	11 (5.2-16)	8.2 (3.9-12)	6.3 (2.9-9.4)
5	35 (21-44)	31 (18-39)	27 (15-34)	21 (11-28)	17 (8.8-22)	13 (6.7-18)	10 (5.1-14)
6	47	43	38	31	25	20	16

Age = 90 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	3.8	3.2	2.7	2.0	1.5	1.1	0.8
1	6.6 (4.3-12)	5.6 (3.6-10)	4.7 (3.1-8.7)	3.6 (2.3-6.7)	2.7 (1.7-5.0)	2.0 (1.3-3.8)	1.5 (1.0-2.8)
2	11 (6.2-19)	9.4 (5.2-17)	8.0 (4.4-14)	6.1 (3.3-11)	4.6 (2.5-8.6)	3.5 (1.9-6.5)	2.6 (1.4-4.9)
3	17 (9.2-27)	15 (7.8-24)	13 (6.6-21)	9.9 (5.0-16)	7.6 (3.7-13)	5.8 (2.8-9.8)	4.4 (2.1-7.5)
4	25 (14-36)	22 (12-32)	20 (9.9-28)	15 (7.6-23)	12 (5.7-18)	9.3 (4.3-14)	7.1 (3.2-11)
5	36 (22-44)	32 (19-40)	28 (16-36)	23 (13-30)	18 (9.6-24)	14 (7.4-19)	11 (5.6-15)
6	47	43	39	33	27	21	17