

**Palestine - The probabilities of a major osteoporotic fracture in men**

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 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 <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.7	1.6	1.5	1.3	1.2	1.0	0.9
1	2.7 (1.8-4.0)	2.5 (1.7-3.6)	2.4 (1.6-3.3)	2.1 (1.4-2.9)	1.8 (1.2-2.5)	1.6 (1.1-2.2)	1.4 (0.9-1.9)
2	4.3 (2.3-7.2)	3.9 (2.1-6.7)	3.7 (1.9-6.5)	3.2 (1.7-5.6)	2.8 (1.5-4.9)	2.4 (1.3-4.3)	2.1 (1.1-3.8)
3	6.8 (3.4-12)	6.0 (2.9-11)	5.6 (2.7-10)	4.9 (2.3-9.0)	4.2 (2.0-7.8)	3.7 (1.7-6.9)	3.2 (1.5-6.0)
4	11 (5.8-17)	9.2 (4.9-15)	8.4 (4.4-14)	7.3 (3.8-12)	6.3 (3.3-11)	5.5 (2.8-9.2)	4.8 (2.4-8.1)
5	16 (9.6-21)	14 (8.8-18)	12 (8.3-17)	11 (7.2-15)	9.3 (6.2-13)	8.1 (5.4-11)	7.0 (4.7-9.7)
6	24	20	18	16	14	12	10

Ten year probability of osteoporotic 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 <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.4	2.2	2.1	1.8	1.6	1.4	1.2
1	3.8 (2.6-5.6)	3.5 (2.4-4.9)	3.3 (2.2-4.5)	2.8 (1.9-3.9)	2.5 (1.7-3.3)	2.1 (1.4-2.9)	1.8 (1.2-2.5)
2	6.0 (3.4-9.6)	5.4 (3.0-8.9)	5.0 (2.7-8.5)	4.3 (2.3-7.4)	3.8 (2.0-6.5)	3.3 (1.7-5.6)	2.8 (1.5-4.9)
3	9.4 (5.1-15)	8.3 (4.3-14)	7.6 (3.8-13)	6.6 (3.3-12)	5.7 (2.8-10)	4.9 (2.4-8.9)	4.2 (2.1-7.7)
4	14 (8.5-22)	12 (7.1-19)	11 (6.3-18)	9.8 (5.3-16)	8.4 (4.5-14)	7.3 (3.9-12)	6.3 (3.3-10)
5	22 (14-28)	18 (12-24)	17 (11-22)	14 (9.7-19)	12 (8.4-17)	11 (7.3-14)	9.2 (6.3-13)
6	31	27	24	21	18	15	13

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.0	2.7	2.5	2.2	1.9	1.6	1.4
1	4.7 (3.3-6.7)	4.2 (2.9-5.8)	3.9 (2.7-5.3)	3.4 (2.3-4.5)	2.9 (2.0-3.9)	2.5 (1.7-3.3)	2.2 (1.4-2.9)
2	7.4 (4.4-11)	6.5 (3.8-10)	6.0 (3.4-9.8)	5.1 (2.9-8.5)	4.4 (2.4-7.4)	3.8 (2.1-6.4)	3.3 (1.8-5.6)
3	11 (6.8-17)	9.9 (5.6-16)	9.0 (4.8-15)	7.7 (4.1-13)	6.6 (3.4-11)	5.7 (2.9-9.9)	4.9 (2.5-8.6)
4	17 (11-25)	15 (9.2-22)	13 (7.9-21)	11 (6.6-18)	9.7 (5.6-16)	8.3 (4.7-13)	7.2 (4.0-12)
5	25 (17-31)	22 (15-28)	19 (14-25)	17 (12-22)	14 (9.9-19)	12 (8.5-16)	10 (7.2-14)
6	35	31	27	24	20	17	15

Ten year probability of osteoporotic 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 <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.6	3.2	2.9	2.5	2.1	1.8	1.6
1	5.6 (4.0-7.6)	4.9 (3.5-6.6)	4.5 (3.1-5.9)	3.8 (2.6-5.0)	3.2 (2.2-4.3)	2.8 (1.9-3.6)	2.4 (1.6-3.1)
2	8.5 (5.5-12)	7.5 (4.6-11)	6.8 (4.0-11)	5.8 (3.4-9.2)	4.9 (2.8-7.9)	4.2 (2.4-6.8)	3.6 (2.0-5.9)
3	13 (8.5-18)	11 (7.0-17)	10 (5.9-16)	8.6 (4.9-14)	7.3 (4.1-12)	6.2 (3.4-10)	5.3 (2.9-8.9)
4	19 (13-26)	17 (11-24)	15 (9.6-22)	13 (7.9-19)	11 (6.6-17)	9.0 (5.4-14)	7.7 (4.5-12)
5	27 (19-33)	24 (17-30)	21 (16-28)	18 (13-24)	15 (11-20)	13 (9.4-17)	11 (7.9-15)
6	36	33	30	25	22	18	16

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.0	3.5	3.2	2.7	2.3	1.9	1.6
1	6.2 (4.5-7.8)	5.4 (3.9-6.9)	4.8 (3.5-6.2)	4.0 (2.9-5.2)	3.4 (2.4-4.4)	2.8 (2.0-3.7)	2.4 (1.7-3.1)
2	9.7 (6.2-14)	8.3 (5.3-12)	7.2 (4.5-10)	6.0 (3.8-8.6)	5.0 (3.1-7.2)	4.2 (2.6-6.1)	3.5 (2.1-5.1)
3	15 (9.3-22)	13 (8.1-18)	11 (6.8-16)	8.9 (5.6-13)	7.4 (4.6-11)	6.1 (3.8-9.3)	5.1 (3.1-7.8)
4	22 (15-31)	19 (13-27)	16 (11-23)	13 (8.9-20)	11 (7.2-16)	9.0 (5.9-14)	7.5 (4.8-11)
5	32 (26-40)	28 (23-35)	24 (19-30)	20 (16-25)	16 (13-21)	13 (10-18)	11 (8.4-15)
6	43	39	34	28	24	19	16

Ten year probability of osteoporotic 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 <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.2	3.8	3.5	2.9	2.4	2.0	1.7
1	6.9 (4.7-11)	6.0 (4.1-8.6)	5.3 (3.7-6.7)	4.3 (3.1-5.4)	3.6 (2.5-4.4)	2.9 (2.1-3.6)	2.4 (1.7-3.1)
2	11 (6.6-18)	9.6 (5.7-15)	8.1 (5.0-12)	6.6 (4.1-9.7)	5.4 (3.3-7.8)	4.4 (2.7-6.4)	3.6 (2.2-5.2)
3	18 (9.6-28)	15 (8.5-23)	13 (7.6-19)	10 (6.1-15)	8.3 (5.0-12)	6.7 (4.0-9.9)	5.4 (3.2-8.0)
4	27 (15-38)	23 (13-33)	19 (12-28)	16 (9.4-23)	13 (7.6-19)	10 (6.1-15)	8.2 (4.9-12)
5	38 (25-47)	34 (22-43)	29 (20-37)	24 (16-31)	19 (13-25)	16 (11-21)	13 (8.7-17)
6	51	46	41	35	29	23	19

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.3	3.9	3.6	2.9	2.4	2.0	1.6
1	7.0 (4.7-11)	6.2 (4.2-9.5)	5.5 (3.9-7.6)	4.4 (3.1-6.1)	3.6 (2.5-4.8)	2.9 (2.0-3.8)	2.4 (1.7-3.1)
2	11 (6.7-18)	9.8 (5.9-15)	8.5 (5.3-12)	6.8 (4.2-9.7)	5.5 (3.4-7.7)	4.4 (2.7-6.2)	3.5 (2.2-5.0)
3	17 (9.6-26)	15 (8.6-23)	13 (7.8-19)	10 (6.2-15)	8.3 (4.9-12)	6.6 (3.9-9.7)	5.3 (3.1-7.8)
4	25 (15-35)	22 (13-31)	19 (12-27)	16 (9.7-22)	13 (7.7-18)	10 (6.1-14)	8.0 (4.8-12)
5	36 (22-44)	32 (20-40)	28 (19-36)	23 (15-30)	19 (12-24)	15 (9.7-20)	12 (7.8-16)
6	47	44	39	33	27	22	18

Ten year probability of osteoporotic 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 <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.3	3.9	3.6	2.9	2.3	1.9	1.5
1	7.1 (4.7-12)	6.3 (4.2-10)	5.7 (3.9-8.4)	4.5 (3.1-6.6)	3.6 (2.4-5.2)	2.9 (1.9-4.1)	2.3 (1.6-3.2)
2	11 (6.7-19)	10.0 (6.0-16)	8.8 (5.4-14)	7.0 (4.2-11)	5.5 (3.4-8.4)	4.4 (2.7-6.6)	3.5 (2.1-5.2)
3	17 (9.6-27)	15 (8.5-24)	14 (7.7-20)	11 (6.1-16)	8.5 (4.8-13)	6.7 (3.7-10)	5.3 (2.9-8.1)
4	26 (14-36)	23 (13-32)	20 (12-28)	16 (9.6-23)	13 (7.6-19)	10 (5.9-15)	8.0 (4.7-12)
5	36 (22-45)	32 (20-41)	29 (18-37)	24 (15-31)	19 (12-25)	15 (9.4-20)	12 (7.4-16)
6	47	44	40	33	28	22	18

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.4	4.2	4.2	3.3	2.6	2.1	1.6
1	7.3 (4.8-13)	6.7 (4.4-11)	6.5 (4.3-10)	5.1 (3.3-7.9)	4.0 (2.6-6.1)	3.1 (2.0-4.8)	2.5 (1.6-3.7)
2	12 (6.7-20)	11 (6.0-18)	9.9 (5.7-16)	7.8 (4.4-13)	6.1 (3.4-9.9)	4.8 (2.7-7.7)	3.7 (2.1-6.0)
3	18 (9.7-28)	16 (8.6-25)	15 (8.0-23)	12 (6.2-19)	9.3 (4.8-15)	7.2 (3.7-12)	5.6 (2.9-9.2)
4	26 (14-36)	23 (13-33)	22 (12-31)	17 (9.6-25)	14 (7.6-20)	11 (5.9-16)	8.5 (4.6-13)
5	36 (22-45)	33 (20-41)	30 (19-38)	25 (15-32)	20 (12-26)	16 (9.3-21)	13 (7.3-17)
6	47	44	41	34	28	23	18