Jordan - 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/m2), the number of clinical risk factors (CRF) and age. Each table provides a mean estimate and a range, based on the epidemiology of Jordan. 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	1.6	1.5	1.5	1.3	1.2	1.0	0.9
1	2.6 (1.8-3.9)	2.4 (1.6-3.5)	2.4 (1.6-3.3)	2.1 (1.4-2.8)	1.8 (1.2-2.5)	1.6 (1.0-2.1)	1.4 (0.9-1.9)
2	4.2 (2.2-7.0)	3.8 (2.0-6.6)	3.6 (1.9-6.4)	3.2 (1.7-5.6)	2.7 (1.4-4.9)	2.4 (1.2-4.2)	2.1 (1.1-3.7)
3	6.5 (3.3-11)	5.9 (2.9-10)	5.5 (2.6-10)	4.8 (2.3-8.8)	4.2 (2.0-7.7)	3.6 (1.7-6.7)	3.1 (1.5-5.9)
4	10 (5.5-16)	8.9 (4.7-14)	8.3 (4.3-14)	7.2 (3.7-12)	6.2 (3.2-10)	5.4 (2.7-9.0)	4.7 (2.4-7.9)
5	15 (9.1-20)	13 (8.5-18)	12 (8.1-16)	11 (7.0-14)	9.1 (6.1-12)	7.9 (5.3-11)	6.8 (4.6-9.5)
6	23	20	18	15	13	11	9.9

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

Age = 55 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	2.3	2.1	2.1	1.8	1.6	1.4	1.2
1	3.7 (2.5-5.4)	3.4 (2.3-4.8)	3.2 (2.2-4.4)	2.8 (1.9-3.8)	2.4 (1.6-3.3)	2.1 (1.4-2.8)	1.8 (1.2-2.5)
2	5.8 (3.3-9.4)	5.2 (2.9-8.7)	4.9 (2.7-8.4)	4.3 (2.3-7.3)	3.7 (2.0-6.4)	3.2 (1.7-5.6)	2.8 (1.5-4.8)
3	9.1 (4.9-15)	8.0 (4.2-14)	7.5 (3.7-13)	6.4 (3.2-11)	5.6 (2.7-%10.0	4.8 (2.4-8.7)	4.2 (2.0-7.6)
4	14 (8.1-21)	12 (6.9-19)	11 (6.1-18)	9.6 (5.2-15)	8.2 (4.4-13)	7.1 (3.8-12)	6.1 (3.2-10)
5	21 (13-27)	18 (12-24)	16 (11-22)	14 (9.5-19)	12 (8.2-16)	10 (7.1-14)	9.0 (6.1-12)
6	30	26	23	20	17	15	13

Age = 60 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	2.9	2.6	2.5	2.1	1.8	1.6	1.4
1	4.5 (3.2-6.5)	4.1 (2.8-5.7)	3.8 (2.6-5.2)	3.3 (2.2-4.4)	2.8 (1.9-3.8)	2.4 (1.6-3.3)	2.1 (1.4-2.8)
2	7.1 (4.2-11)	6.3 (3.6-10)	5.9 (3.3-9.6)	5.0 (2.8-8.3)	4.3 (2.4-7.2)	3.7 (2.0-6.3)	3.2 (1.7-5.5)
3	11 (6.5-16)	9.6 (5.4-15)	8.8 (4.7-15)	7.5 (4.0-13)	6.4 (3.4-11)	5.5 (2.9-9.7)	4.7 (2.4-8.4)
4	16 (10-24)	14 (8.8-22)	13 (7.7-20)	11 (6.4-18)	9.5 (5.4-15)	8.1 (4.5-13)	7.0 (3.8-11)
5	24 (16-30)	21 (14-27)	19 (13-25)	16 (11-21)	14 (9.6-19)	12 (8.2-16)	10 (7.0-14)
6	33	30	27	23	20	17	14

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

Age = 65 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	3.4	3.1	2.9	2.4	2.1	1.8	1.5
1	5.4 (3.8-7.4)	4.8 (3.4-6.4)	4.4 (3.1-5.8)	3.7 (2.6-4.9)	3.2 (2.2-4.2)	2.7 (1.9-3.6)	2.3 (1.6-3.0)
2	8.2 (5.3-12)	7.3 (4.5-11)	6.7 (3.9-10)	5.7 (3.3-9.0)	4.8 (2.8-7.8)	4.1 (2.3-6.7)	3.5 (2.0-5.8)
3	12 (8.1-17)	11 (6.8-17)	9.9 (5.8-16)	8.4 (4.8-14)	7.1 (4.0-12)	6.0 (3.4-10)	5.1 (2.8-8.7)
4	18 (12-25)	16 (11-23)	15 (9.3-22)	12 (7.7-19)	10 (6.4-16)	8.8 (5.3-14)	7.5 (4.4-12)
5	25 (18-32)	23 (17-29)	21 (15-27)	18 (13-23)	15 (11-20)	13 (9.1-17)	11 (7.7-15)
6	35	32	29	25	21	18	15

Age = 70 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	3.9	3.5	3.2	2.7	2.3	1.9	1.6
1	6.1 (4.4-7.7)	5.3 (3.8-6.8)	4.8 (3.4-6.2)	4.0 (2.9-5.2)	3.3 (2.4-4.4)	2.8 (2.0-3.7)	2.4 (1.7-3.1)
2	9.5 (6.1-14)	8.1 (5.2-12)	7.1 (4.5-10)	5.9 (3.7-8.6)	4.9 (3.1-7.2)	4.1 (2.6-6.0)	3.4 (2.1-5.0)
3	15 (9.1-21)	12 (8.0-18)	11 (6.8-16)	8.8 (5.6-13)	7.3 (4.6-11)	6.1 (3.8-9.2)	5.0 (3.1-7.7)
4	22 (14-30)	19 (12-27)	16 (11-23)	13 (8.7-19)	11 (7.1-16)	8.9 (5.8-13)	7.4 (4.7-11)
5	31 (26-39)	27 (22-35)	23 (19-30)	19 (15-25)	16 (13-21)	13 (10-17)	11 (8.3-14)
6	42	38	34	28	23	19	16

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

Age = 75 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	4.5	4.0	3.6	3.0	2.5	2.1	1.7
1	7.4 (5.0-11)	6.3 (4.4-9.0)	5.5 (3.9-7.0)	4.5 (3.2-5.6)	3.7 (2.6-4.6)	3.1 (2.2-3.8)	2.5 (1.8-3.2)
2	12 (7.0-19)	10 (6.0-16)	8.5 (5.2-12)	6.9 (4.2-10)	5.6 (3.5-8.1)	4.6 (2.8-6.6)	3.8 (2.3-5.4)
3	19 (10-29)	16 (9.0-24)	13 (8.0-20)	11 (6.5-16)	8.7 (5.2-13)	7.0 (4.2-10)	5.7 (3.4-8.4)
4	28 (16-39)	24 (14-35)	20 (12-29)	16 (%10.0-24)	13 (8.0-20)	11 (6.5-16)	8.7 (5.2-13)
5	39 (26-48)	35 (23-44)	30 (21-38)	25 (17-32)	20 (14-26)	16 (11-22)	13 (9.2-18)
6	51	48	43	36	30	25	20

Age = 80 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	5.3	4.6	4.1	3.3	2.8	2.3	1.9
1	8.6 (5.9-14)	7.4 (5.2-11)	6.3 (4.5-8.7)	5.1 (3.7-7.0)	4.2 (3.0-5.6)	3.4 (2.4-4.4)	2.8 (2.0-3.6)
2	14 (8.4-22)	12 (7.2-18)	9.8 (6.1-14)	7.9 (4.9-11)	6.4 (4.0-8.9)	5.2 (3.2-7.2)	4.2 (2.6-5.8)
3	21 (12-31)	18 (11-26)	15 (9.4-22)	12 (7.5-18)	9.8 (6.0-14)	7.9 (4.8-11)	6.3 (3.8-9.0)
4	30 (18-40)	27 (16-36)	23 (15-32)	18 (12-26)	15 (9.3-21)	12 (7.4-17)	9.5 (5.9-14)
5	41 (27-50)	37 (24-46)	33 (22-41)	27 (18-34)	22 (15-28)	18 (12-23)	14 (9.5-19)
6	52	49	45	38	32	26	21

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

Age = 85 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	6.3	5.5	4.7	3.8	3.1	2.5	2.1
1	10 (7.0-17)	8.9 (6.1-14)	7.5 (5.3-11)	6.0 (4.2-8.8)	4.8 (3.4-6.9)	3.9 (2.7-5.5)	3.1 (2.2-4.3)
2	16 (9.8-26)	14 (8.7-22)	12 (7.4-18)	9.5 (5.9-14)	7.6 (4.7-11)	6.0 (3.7-8.8)	4.8 (3.0-7.0)
3	24 (14-36)	21 (12-31)	18 (11-26)	15 (8.7-21)	12 (6.9-17)	9.3 (5.4-14)	7.4 (4.3-11)
4	34 (20-46)	31 (18-41)	27 (17-37)	22 (14-31)	18 (11-25)	14 (8.6-20)	11 (6.8-16)
5	45 (30-54)	42 (28-51)	38 (25-47)	32 (21-40)	26 (17-33)	21 (13-27)	17 (11-22)
6	57	54	50	43	37	30	25

Age = 90 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	8.3	7.8	7.2	5.7	4.6	3.7	3.0
1	13 (8.9-22)	12 (8.4-20)	11 (7.8-17)	8.9 (6.1-13)	7.1 (4.9-11)	5.7 (3.8-8.4)	4.5 (3.0-6.6)
2	20 (12-32)	19 (11-30)	17 (11-26)	14 (8.4-21)	11 (6.6-17)	8.7 (5.2-13)	6.9 (4.0-11)
3	28 (17-42)	27 (16-39)	25 (15-36)	20 (12-30)	16 (9.1-25)	13 (7.2-20)	10 (5.6-16)
4	39 (24-51)	36 (22-49)	34 (22-46)	29 (17-39)	24 (14-32)	19 (11-27)	15 (8.8-22)
5	50 (34-58)	47 (32-56)	45 (31-54)	38 (26-47)	32 (21-41)	27 (17-34)	22 (13-29)
6	60	58	56	49	43	36	30