

**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 the T-score for femoral neck BMD, 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.

Note that the BMI is set at 24 kg/m<sup>2</sup>.

**Age = 50 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	15	9.4	6.0	4.1	3.0	2.3	1.9	1.6	1.5	1.4	1.3
1	23 (19-29)	14 (12-18)	9.2 (8.1-12)	6.3 (5.2-8.0)	4.6 (3.6-5.8)	3.6 (2.6-4.5)	2.9 (2.0-3.8)	2.4 (1.6-3.3)	2.2 (1.4-3.0)	2.1 (1.3-2.9)	2.0 (1.3-2.8)
2	33 (25-45)	21 (16-30)	14 (11-20)	9.5 (7.1-13)	6.9 (4.8-9.9)	5.3 (3.3-8.2)	4.3 (2.5-7.0)	3.6 (2.0-6.1)	3.2 (1.7-5.6)	3.1 (1.6-5.4)	2.9 (1.5-5.2)
3	46 (33-59)	31 (22-41)	20 (15-27)	14 (9.8-20)	10 (6.4-16)	7.8 (4.5-13)	6.3 (3.3-11)	5.3 (2.6-9.7)	4.7 (2.2-8.9)	4.4 (2.1-8.5)	4.2 (1.9-8.2)
4	59 (45-72)	42 (30-53)	29 (20-36)	20 (13-26)	15 (9.6-20)	11 (7.4-17)	9.0 (5.5-14)	7.6 (4.3-12)	6.7 (3.6-11)	6.3 (3.3-11)	6.0 (3.1-10)
5	73 (63-81)	56 (45-64)	40 (31-46)	28 (22-32)	21 (16-25)	16 (12-20)	13 (9.5-17)	11 (8.0-15)	9.4 (6.8-13)	8.9 (6.2-13)	8.4 (5.8-12)
6	83	69	52	38	28	22	17	15	13	12	12

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

**Age = 55 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	18	11	7.7	5.4	4.0	3.1	2.5	2.1	1.9	1.8	1.7
1	26 (22-31)	17 (16-21)	12 (10-14)	8.1 (6.7-9.9)	6.0 (4.7-7.3)	4.6 (3.4-5.7)	3.7 (2.6-4.9)	3.1 (2.1-4.2)	2.8 (1.9-3.9)	2.6 (1.7-3.7)	2.5 (1.6-3.5)
2	37 (29-47)	25 (20-33)	17 (14-23)	12 (9.1-16)	8.8 (6.2-12)	6.8 (4.4-10)	5.5 (3.3-8.7)	4.6 (2.6-7.5)	4.1 (2.2-6.9)	3.8 (2.0-6.6)	3.6 (1.9-6.2)
3	49 (38-60)	35 (26-43)	24 (18-31)	17 (12-24)	13 (8.4-19)	9.8 (5.9-16)	7.9 (4.4-14)	6.6 (3.4-12)	5.9 (2.9-11)	5.5 (2.6-10)	5.2 (2.4-9.8)
4	62 (49-72)	46 (35-55)	33 (24-39)	24 (17-31)	18 (12-25)	14 (9.6-21)	11 (7.1-17)	9.3 (5.5-15)	8.4 (4.7-14)	7.8 (4.2-13)	7.3 (3.9-12)
5	74 (66-80)	59 (50-66)	45 (37-49)	33 (27-38)	25 (20-30)	19 (15-25)	16 (12-21)	13 (10-18)	12 (8.5-16)	11 (7.6-15)	10 (7.0-15)
6	83	71	57	44	33	26	21	18	16	15	14

**Age = 60 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	17	12	8.2	5.9	4.5	3.5	2.8	2.3	2.1	1.9	1.8
1	25 (22-28)	17 (16-20)	12 (11-14)	8.7 (7.3-10)	6.6 (5.2-7.8)	5.1 (3.8-6.4)	4.1 (3.0-5.4)	3.4 (2.4-4.6)	3.1 (2.1-4.3)	2.9 (1.9-4.0)	2.7 (1.7-3.8)
2	34 (28-42)	24 (20-31)	17 (14-22)	13 (9.8-16)	9.6 (6.9-13)	7.5 (5.0-11)	6.0 (3.8-9.3)	5.0 (2.9-8.0)	4.5 (2.5-7.4)	4.1 (2.3-6.9)	3.8 (2.0-6.5)
3	45 (36-54)	33 (26-40)	24 (19-31)	18 (13-25)	14 (9.3-20)	11 (6.7-17)	8.6 (5.0-14)	7.1 (3.9-12)	6.4 (3.3-11)	5.9 (2.9-11)	5.5 (2.7-10)
4	57 (46-64)	44 (34-50)	33 (25-39)	25 (18-31)	19 (14-26)	15 (11-21)	12 (8.0-18)	9.9 (6.2-16)	8.9 (5.3-15)	8.2 (4.6-14)	7.6 (4.2-13)
5	67 (61-73)	55 (48-60)	43 (36-48)	33 (27-38)	26 (21-31)	20 (16-26)	16 (13-22)	14 (11-19)	12 (9.1-17)	11 (8.0-16)	10 (7.2-15)
6	76	66	54	43	34	27	22	18	16	15	14

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

**Age = 65 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	16	11	8.3	6.2	4.7	3.7	3.0	2.5	2.2	2.0	1.8
1	22 (21-25)	16 (15-18)	12 (10-14)	8.9 (7.4-10)	6.8 (5.4-8.0)	5.4 (4.1-6.6)	4.3 (3.1-5.5)	3.6 (2.5-4.8)	3.2 (2.2-4.4)	2.9 (1.9-4.1)	2.7 (1.7-3.8)
2	31 (25-37)	23 (19-28)	17 (14-21)	13 (10.0-16)	9.8 (7.3-13)	7.7 (5.3-11)	6.2 (4.0-9.2)	5.2 (3.2-8.0)	4.6 (2.7-7.4)	4.2 (2.4-6.8)	3.8 (2.1-6.4)
3	40 (33-47)	31 (24-36)	23 (18-29)	18 (14-24)	14 (9.8-20)	11 (7.2-16)	8.7 (5.4-14)	7.3 (4.2-12)	6.5 (3.6-11)	5.9 (3.1-10)	5.4 (2.7-9.7)
4	50 (42-57)	40 (32-45)	31 (24-37)	24 (18-30)	19 (14-25)	15 (11-21)	12 (8.4-18)	10 (6.6-16)	8.9 (5.5-14)	8.1 (4.8-13)	7.4 (4.2-12)
5	60 (55-64)	49 (44-54)	40 (35-45)	31 (27-37)	25 (21-30)	20 (17-25)	16 (13-21)	14 (11-18)	12 (9.2-17)	11 (8.0-16)	10 (7.1-14)
6	68	59	49	40	32	26	21	18	16	15	13

**Age = 70 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	14	10	7.8	6.0	4.6	3.7	2.9	2.5	2.2	2.0	1.8
1	20 (17-25)	15 (13-19)	11 (9.3-14)	8.6 (6.9-11)	6.7 (5.2-8.1)	5.2 (4.0-6.3)	4.2 (3.1-5.0)	3.5 (2.5-4.2)	3.0 (2.2-3.6)	2.7 (1.9-3.2)	2.4 (1.7-2.9)
2	29 (23-35)	22 (17-27)	16 (13-21)	12 (9.3-16)	9.5 (7.0-13)	7.4 (5.3-10.0)	5.8 (4.0-8.0)	4.9 (3.2-6.7)	4.2 (2.7-5.8)	3.7 (2.3-5.2)	3.3 (2.0-4.6)
3	39 (31-47)	30 (23-38)	23 (17-30)	18 (13-24)	14 (9.4-19)	10 (7.1-15)	8.2 (5.4-12)	6.7 (4.3-10)	5.8 (3.6-8.8)	5.0 (3.1-7.8)	4.5 (2.7-7.0)
4	50 (41-57)	40 (33-48)	32 (25-39)	25 (19-31)	19 (14-24)	15 (11-19)	11 (8.2-16)	9.3 (6.6-13)	7.9 (5.5-11)	6.8 (4.7-10)	6.0 (4.0-9.1)
5	61 (53-66)	52 (44-57)	42 (35-48)	34 (27-39)	26 (21-31)	20 (16-25)	16 (13-20)	13 (10-16)	11 (8.6-14)	9.2 (7.4-12)	8.0 (6.5-11)
6	70	62	53	44	35	28	22	18	15	12	11

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

**Age = 75 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	12	9.2	7.2	5.6	4.5	3.6	2.9	2.5	2.2	1.9	1.7
1	19 (14-32)	15 (11-25)	11 (8.3-19)	8.7 (6.4-14)	6.8 (4.9-11)	5.3 (3.8-8.0)	4.2 (3.0-6.1)	3.6 (2.5-4.8)	3.0 (2.1-3.9)	2.6 (1.9-3.2)	2.3 (1.6-2.7)
2	28 (19-42)	22 (15-34)	17 (11-27)	13 (8.6-21)	10 (6.6-16)	8.0 (5.1-12)	6.2 (4.0-9.3)	5.1 (3.3-7.5)	4.3 (2.8-6.0)	3.7 (2.4-5.0)	3.2 (2.0-4.1)
3	39 (26-52)	32 (20-44)	25 (15-36)	20 (12-28)	15 (9.0-22)	12 (6.9-17)	9.2 (5.4-13)	7.5 (4.4-11)	6.2 (3.7-9.0)	5.2 (3.1-7.5)	4.4 (2.7-6.3)
4	51 (34-61)	43 (27-54)	36 (21-45)	29 (17-37)	23 (13-30)	18 (10-23)	14 (7.9-18)	11 (6.5-15)	8.9 (5.4-12)	7.3 (4.6-9.9)	6.1 (4.0-8.3)
5	62 (43-69)	55 (36-62)	47 (29-54)	39 (23-46)	32 (18-37)	25 (15-30)	20 (12-24)	16 (9.6-19)	13 (8.1-16)	10 (7.0-13)	8.5 (6.1-11)
6	72	66	59	51	43	35	28	23	18	15	12

**Age = 80 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	10	8.3	6.7	5.3	4.3	3.5	2.9	2.5	2.1	1.9	1.7
1	16 (12-28)	13 (9.5-22)	10 (7.5-17)	8.2 (5.9-14)	6.5 (4.7-11)	5.2 (3.7-8.2)	4.2 (3.0-6.5)	3.6 (2.5-5.2)	3.1 (2.2-4.3)	2.6 (1.9-3.5)	2.3 (1.6-2.9)
2	24 (16-37)	19 (13-30)	16 (10-25)	12 (8.0-20)	9.9 (6.4-16)	7.8 (5.0-12)	6.3 (4.0-9.8)	5.2 (3.4-8.0)	4.4 (2.8-6.5)	3.7 (2.4-5.4)	3.2 (2.1-4.5)
3	33 (21-46)	28 (17-39)	23 (14-33)	18 (11-27)	15 (8.7-21)	12 (6.8-17)	9.3 (5.5-13)	7.7 (4.5-11)	6.4 (3.8-9.1)	5.3 (3.2-7.6)	4.5 (2.7-6.4)
4	44 (28-55)	38 (23-48)	32 (18-41)	26 (15-34)	21 (12-28)	17 (9.4-22)	14 (7.6-18)	11 (6.4-15)	9.2 (5.4-12)	7.7 (4.6-10)	6.4 (4.0-8.5)
5	55 (36-62)	49 (30-55)	42 (25-49)	36 (20-42)	30 (17-35)	24 (13-29)	20 (11-23)	16 (9.2-19)	13 (7.8-16)	11 (6.7-13)	9.1 (5.8-11)
6	65	60	53	47	40	33	27	23	19	16	13

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

**Age = 85 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	9.2	7.5	6.2	5.1	4.1	3.4	2.9	2.5	2.1	1.9	1.6
1	14 (10-24)	12 (8.4-20)	9.5 (6.8-16)	7.8 (5.5-13)	6.4 (4.5-11)	5.2 (3.7-8.6)	4.3 (3.0-7.0)	3.7 (2.6-5.9)	3.2 (2.2-4.9)	2.7 (1.9-4.1)	2.4 (1.6-3.4)
2	21 (14-32)	17 (11-27)	14 (9.2-23)	12 (7.5-19)	9.6 (6.1-15)	7.8 (5.0-13)	6.5 (4.1-10)	5.5 (3.5-8.7)	4.7 (3.0-7.3)	4.0 (2.5-6.1)	3.4 (2.2-5.1)
3	29 (18-41)	25 (15-36)	21 (12-30)	17 (10-25)	14 (8.4-21)	12 (6.8-17)	9.7 (5.6-14)	8.2 (4.8-12)	6.9 (4.0-10)	5.9 (3.4-8.5)	5.0 (2.9-7.1)
4	39 (24-49)	34 (20-44)	29 (17-38)	25 (14-33)	21 (11-27)	17 (9.3-23)	14 (7.8-19)	12 (6.6-16)	10 (5.7-14)	8.6 (4.8-11)	7.3 (4.2-9.7)
5	50 (31-56)	44 (26-51)	39 (22-45)	34 (19-40)	29 (16-34)	24 (13-29)	20 (11-25)	17 (9.3-21)	15 (8.0-18)	13 (6.9-15)	11 (6.0-13)
6	60	55	50	44	38	33	28	25	21	18	15

**Age = 90 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	9.6	8.1	6.9	5.9	4.9	4.2	3.6	3.2	2.8	2.5	2.2
1	14 (9.9-24)	12 (8.4-21)	10 (7.1-18)	8.8 (6.0-15)	7.5 (5.1-13)	6.3 (4.3-11)	5.5 (3.7-9.3)	4.8 (3.3-8.1)	4.2 (2.9-7.0)	3.7 (2.5-6.0)	3.3 (2.2-5.2)
2	20 (13-31)	17 (11-28)	15 (9.3-24)	13 (7.9-21)	11 (6.7-18)	9.4 (5.7-15)	8.1 (5.0-13)	7.1 (4.4-11)	6.3 (3.8-9.8)	5.5 (3.4-8.5)	4.8 (3.0-7.4)
3	27 (17-39)	24 (14-35)	21 (12-31)	18 (11-27)	16 (9.0-23)	14 (7.7-20)	12 (6.7-18)	10 (5.9-15)	9.2 (5.2-14)	8.0 (4.6-12)	7.0 (4.0-10)
4	36 (21-46)	32 (19-41)	29 (16-37)	25 (14-33)	22 (12-29)	19 (10-26)	17 (9.1-23)	15 (8.0-20)	13 (7.1-18)	12 (6.3-16)	10 (5.5-14)
5	45 (28-52)	41 (24-48)	37 (21-44)	33 (19-40)	30 (16-36)	26 (14-32)	23 (12-28)	21 (11-26)	19 (9.6-23)	16 (8.5-20)	14 (7.5-18)
6	56	51	47	43	39	35	31	28	25	23	20