

Jordan - The probabilities of a hip fracture in men

The following tables give the 10-year probability (%) of a hip 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/m².

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	13	6.8	3.6	1.9	1.0	0.5	0.3	0.1	0.1	0.0	0.0	
1	19 (13-25)	11 (7.1-14)	5.8 (3.8-7.6)	3.1 (2.0-4.1)	1.6 (1.1-2.1)	0.8 (0.6-1.1)	0.4 (0.3-0.6)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.1)	
2	29 (18-40)	16 (10-24)	9.0 (5.4-13)	4.8 (2.9-7.3)	2.6 (1.5-3.9)	1.4 (0.8-2.1)	0.7 (0.4-1.1)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	
3	40 (26-56)	24 (15-36)	14 (8.1-21)	7.5 (4.3-12)	4.0 (2.3-6.5)	2.1 (1.2-3.5)	1.1 (0.6-1.8)	0.6 (0.3-1.0)	0.3 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	
4	54 (40-70)	35 (24-49)	21 (13-31)	12 (7.2-18)	6.2 (3.9-9.7)	3.3 (2.0-5.2)	1.8 (1.1-2.8)	0.9 (0.6-1.5)	0.5 (0.3-0.8)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	
5	68 (58-79)	48 (38-61)	30 (23-40)	17 (13-24)	9.5 (6.9-14)	5.1 (3.7-7.4)	2.7 (2.0-3.9)	1.4 (1.0-2.1)	0.8 (0.6-1.1)	0.4 (0.3-0.6)	0.2 (0.2-0.3)	
6	80	62	42	25	14	7.7	4.1	2.2	1.2	0.6	0.4	

Ten year probability of hip 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	14	8.1	4.5	2.5	1.4	0.7	0.4	0.2	0.1	0.1	0.0
1	21 (15-26)	12 (8.5-15)	7.0 (4.7-8.7)	3.9 (2.6-4.8)	2.1 (1.4-2.7)	1.2 (0.8-1.5)	0.6 (0.4-0.8)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)
2	31 (21-41)	19 (12-26)	11 (6.7-15)	6.0 (3.7-8.6)	3.3 (2.0-4.8)	1.8 (1.1-2.6)	1.0 (0.6-1.5)	0.5 (0.3-0.8)	0.3 (0.2-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.1)
3	42 (29-56)	27 (17-38)	16 (%10.0-23)	9.1 (5.6-14)	5.1 (3.1-7.8)	2.8 (1.7-4.4)	1.5 (0.9-2.4)	0.8 (0.5-1.3)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)
4	55 (43-69)	37 (27-51)	23 (16-33)	14 (9.1-20)	7.7 (5.1-12)	4.3 (2.8-6.6)	2.4 (1.5-3.6)	1.3 (0.8-2.0)	0.7 (0.5-1.1)	0.4 (0.3-0.6)	0.2 (0.2-0.4)
5	68 (61-78)	50 (42-62)	33 (26-43)	20 (16-27)	11 (9.0-16)	6.5 (5.0-9.2)	3.6 (2.8-5.1)	2.0 (1.5-2.8)	1.1 (0.9-1.6)	0.6 (0.5-0.9)	0.4 (0.3-0.5)
6	79	63	44	28	17	9.6	5.4	3.0	1.7	1.0	0.5

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	13	7.9	4.7	2.7	1.6	0.9	0.5	0.3	0.2	0.1	0.1
1	19 (14-22)	12 (8.3-14)	7.1 (4.9-8.3)	4.2 (2.9-4.9)	2.4 (1.7-2.9)	1.4 (1.0-1.7)	0.8 (0.6-1.0)	0.5 (0.3-0.6)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
2	27 (19-35)	17 (12-23)	11 (6.9-14)	6.3 (4.1-8.6)	3.7 (2.4-5.1)	2.2 (1.4-3.0)	1.3 (0.8-1.7)	0.7 (0.5-1.0)	0.4 (0.3-0.6)	0.3 (0.2-0.4)	0.2 (0.1-0.2)
3	37 (27-48)	25 (17-33)	15 (10-21)	9.3 (6.1-13)	5.6 (3.6-8.0)	3.3 (2.1-4.8)	1.9 (1.2-2.8)	1.1 (0.7-1.6)	0.7 (0.4-1.0)	0.4 (0.3-0.6)	0.2 (0.2-0.4)
4	49 (39-60)	34 (26-45)	22 (16-30)	14 (9.8-19)	8.2 (5.8-12)	4.9 (3.4-7.2)	2.9 (2.0-4.3)	1.7 (1.2-2.5)	1.0 (0.7-1.5)	0.6 (0.4-0.9)	0.4 (0.3-0.6)
5	60 (55-70)	45 (39-55)	30 (26-39)	19 (16-26)	12 (9.9-16)	7.2 (5.9-10)	4.3 (3.5-6.0)	2.5 (2.1-3.5)	1.5 (1.2-2.1)	0.9 (0.8-1.3)	0.6 (0.5-0.8)
6	71	57	41	27	17	10	6.3	3.7	2.3	1.4	0.8

Ten year probability of hip 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	12	7.5	4.7	2.9	1.8	1.1	0.7	0.4	0.3	0.2	0.1
1	17 (12-19)	11 (7.8-12)	6.9 (4.9-7.9)	4.3 (3.1-5.0)	2.7 (1.9-3.1)	1.7 (1.2-1.9)	1.0 (0.7-1.2)	0.6 (0.5-0.8)	0.4 (0.3-0.5)	0.3 (0.2-0.3)	0.2 (0.1-0.2)
2	24 (17-29)	16 (11-20)	10 (6.9-13)	6.4 (4.3-8.2)	4.0 (2.7-5.2)	2.5 (1.7-3.2)	1.5 (1.0-2.0)	1.0 (0.6-1.3)	0.6 (0.4-0.8)	0.4 (0.3-0.5)	0.2 (0.2-0.3)
3	32 (24-40)	22 (16-28)	14 (10-19)	9.2 (6.5-12)	5.8 (4.1-7.9)	3.7 (2.5-5.0)	2.3 (1.6-3.1)	1.4 (1.0-2.0)	0.9 (0.6-1.3)	0.6 (0.4-0.8)	0.4 (0.3-0.5)
4	41 (34-51)	30 (24-38)	20 (16-27)	13 (10-18)	8.4 (6.4-12)	5.3 (4.0-7.5)	3.3 (2.5-4.7)	2.1 (1.6-3.0)	1.3 (1.0-1.9)	0.9 (0.6-1.2)	0.6 (0.4-0.8)
5	52 (47-60)	39 (35-47)	27 (24-35)	18 (16-24)	12 (10-16)	7.7 (6.6-10)	4.9 (4.1-6.6)	3.1 (2.6-4.2)	2.0 (1.7-2.7)	1.3 (1.1-1.8)	0.8 (0.7-1.1)
6	61	49	36	25	17	11	7.0	4.4	2.9	1.8	1.2

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	9.8	6.5	4.3	2.9	1.9	1.2	0.8	0.5	0.4	0.2	0.2
1	15 (14-19)	10 (9.1-13)	7.0 (6.1-9.0)	4.6 (4.0-6.0)	3.1 (2.7-4.0)	2.0 (1.7-2.6)	1.3 (1.1-1.7)	0.9 (0.8-1.1)	0.6 (0.5-0.8)	0.4 (0.3-0.5)	0.3 (0.2-0.4)
2	23 (19-29)	16 (13-21)	11 (9.1-14)	7.4 (6.1-9.8)	5.0 (4.0-6.6)	3.3 (2.7-4.4)	2.2 (1.7-2.9)	1.4 (1.2-2.0)	1.0 (0.8-1.3)	0.7 (0.5-0.9)	0.4 (0.4-0.6)
3	33 (27-40)	24 (19-30)	17 (13-21)	12 (9.1-15)	7.9 (6.1-10.0)	5.3 (4.1-6.7)	3.5 (2.7-4.5)	2.3 (1.8-3.0)	1.6 (1.2-2.0)	1.1 (0.8-1.4)	0.7 (0.6-0.9)
4	45 (37-51)	34 (28-40)	25 (20-30)	18 (14-21)	12 (9.2-15)	8.3 (6.2-10.0)	5.6 (4.1-6.7)	3.8 (2.8-4.5)	2.6 (1.9-3.1)	1.8 (1.3-2.1)	1.2 (0.9-1.4)
5	57 (49-61)	46 (38-50)	36 (29-38)	26 (21-29)	19 (14-21)	13 (9.9-14)	8.8 (6.7-9.8)	6.0 (4.6-6.8)	4.1 (3.1-4.7)	2.8 (2.1-3.2)	1.9 (1.5-2.2)
6	67	58	48	37	27	20	14	9.4	6.5	4.5	3.1

Ten year probability of hip 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	7.9	5.6	3.9	2.7	1.9	1.3	0.9	0.6	0.5	0.3	0.2
1	14 (11-29)	10 (7.8-21)	7.4 (5.5-16)	5.2 (3.8-11)	3.7 (2.7-7.9)	2.6 (1.9-5.6)	1.8 (1.3-3.9)	1.3 (0.9-2.8)	0.9 (0.7-2.0)	0.7 (0.5-1.4)	0.5 (0.3-1.0)
2	23 (15-39)	18 (11-31)	13 (7.7-23)	9.3 (5.4-17)	6.6 (3.8-12)	4.7 (2.6-8.9)	3.3 (1.8-6.3)	2.4 (1.3-4.6)	1.7 (0.9-3.3)	1.2 (0.7-2.4)	0.9 (0.5-1.7)
3	35 (21-50)	27 (15-41)	21 (11-32)	16 (7.9-24)	11 (5.6-18)	8.1 (3.9-13)	5.8 (2.7-9.4)	4.2 (2.0-6.9)	3.0 (1.4-5.0)	2.2 (1.0-3.6)	1.6 (0.7-2.6)
4	48 (29-59)	39 (22-50)	31 (16-41)	24 (12-32)	18 (8.3-24)	13 (5.9-18)	9.7 (4.1-13)	7.1 (3.0-9.8)	5.2 (2.2-7.2)	3.8 (1.5-5.2)	2.7 (1.1-3.8)
5	60 (38-67)	52 (30-59)	44 (23-50)	36 (17-41)	28 (13-32)	21 (9.1-24)	16 (6.5-18)	12 (4.7-14)	8.6 (3.4-10)	6.3 (2.5-7.4)	4.6 (1.8-5.4)
6	71	65	57	49	40	31	24	18	14	10	7.5

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	6.7	4.9	3.6	2.7	2.0	1.4	1.1	0.8	0.6	0.5	0.3
1	12 (8.6-25)	9.0 (6.4-19)	6.8 (4.8-15)	5.0 (3.5-11)	3.7 (2.6-8.2)	2.8 (1.9-6.1)	2.0 (1.4-4.5)	1.5 (1.0-3.4)	1.2 (0.8-2.6)	0.9 (0.6-1.9)	0.7 (0.4-1.5)
2	19 (12-34)	15 (8.9-27)	12 (6.7-21)	8.8 (4.9-16)	6.6 (3.6-13)	4.9 (2.7-9.5)	3.7 (2.0-7.1)	2.8 (1.5-5.4)	2.1 (1.1-4.2)	1.6 (0.8-3.2)	1.2 (0.6-2.4)
3	29 (16-44)	24 (12-36)	19 (9.3-29)	14 (7.0-23)	11 (5.2-18)	8.3 (3.9-14)	6.3 (2.9-11)	4.8 (2.2-8.1)	3.7 (1.6-6.2)	2.8 (1.2-4.8)	2.1 (0.9-3.6)
4	41 (22-52)	34 (18-45)	28 (14-38)	22 (10-31)	17 (7.8-24)	13 (5.8-19)	10 (4.3-14)	7.9 (3.3-11)	6.1 (2.5-8.7)	4.7 (1.9-6.7)	3.6 (1.4-5.2)
5	53 (30-59)	46 (25-52)	39 (19-44)	32 (15-37)	26 (12-30)	21 (8.7-24)	16 (6.6-19)	13 (5.1-15)	9.8 (3.9-12)	7.6 (3.0-9.3)	5.9 (2.3-7.2)
6	64	58	51	44	37	30	24	19	15	12	9.3

Ten year probability of hip 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	5.8	4.5	3.5	2.7	2.1	1.6	1.3	1.0	0.8	0.6	0.5
1	10 (7.5-22)	8.2 (5.9-17)	6.4 (4.6-14)	5.0 (3.5-11)	3.9 (2.7-8.6)	3.1 (2.1-6.8)	2.4 (1.7-5.3)	1.9 (1.3-4.3)	1.5 (1.0-3.4)	1.2 (0.8-2.7)	1.0 (0.7-2.1)
2	17 (10.0-30)	14 (7.9-25)	11 (6.2-20)	8.7 (4.9-16)	6.9 (3.8-13)	5.4 (3.0-10)	4.3 (2.3-8.1)	3.4 (1.9-6.6)	2.7 (1.5-5.3)	2.2 (1.2-4.2)	1.7 (0.9-3.4)
3	25 (14-38)	21 (11-33)	17 (8.6-27)	14 (6.8-23)	11 (5.3-18)	8.9 (4.2-15)	7.2 (3.3-12)	5.8 (2.6-9.8)	4.7 (2.1-7.9)	3.7 (1.7-6.4)	3.0 (1.3-5.1)
4	36 (19-47)	31 (15-41)	26 (12-35)	21 (9.8-30)	17 (7.8-24)	14 (6.2-20)	11 (4.9-16)	9.4 (4.0-13)	7.6 (3.2-11)	6.2 (2.5-8.8)	5.0 (2.0-7.1)
5	47 (26-53)	42 (21-48)	36 (18-42)	31 (14-36)	26 (11-30)	21 (9.1-25)	18 (7.3-21)	15 (5.9-17)	12 (4.8-14)	9.8 (3.9-12)	8.0 (3.1-9.7)
6	59	53	48	42	36	31	26	22	18	15	12

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	5.8	4.8	4.0	3.2	2.7	2.2	1.8	1.5	1.3	1.1	0.9
1	10 (7.4-21)	8.5 (6.1-18)	7.1 (5.1-15)	5.9 (4.2-13)	4.9 (3.5-11)	4.0 (2.8-8.9)	3.4 (2.4-7.5)	2.8 (2.0-6.3)	2.4 (1.7-5.3)	2.0 (1.4-4.5)	1.7 (1.2-3.8)
2	16 (9.5-29)	14 (7.9-25)	12 (6.6-22)	9.8 (5.5-18)	8.2 (4.5-15)	6.8 (3.7-13)	5.8 (3.1-11)	4.9 (2.6-9.4)	4.2 (2.2-8.0)	3.5 (1.9-6.7)	3.0 (1.6-5.7)
3	24 (13-36)	21 (11-32)	18 (8.9-28)	15 (7.5-24)	13 (6.2-21)	11 (5.2-18)	9.3 (4.4-15)	8.0 (3.7-13)	6.8 (3.1-11)	5.8 (2.7-9.8)	4.9 (2.2-8.3)
4	33 (17-43)	29 (14-39)	26 (12-35)	22 (10-31)	19 (8.6-27)	17 (7.2-23)	14 (6.1-20)	12 (5.2-18)	11 (4.5-15)	9.2 (3.8-13)	7.9 (3.2-11)
5	43 (23-49)	39 (20-45)	35 (17-41)	31 (15-36)	27 (12-32)	24 (11-28)	21 (9.0-25)	18 (7.7-22)	16 (6.6-19)	14 (5.7-17)	12 (4.8-15)
6	54	50	45	41	37	33	29	26	23	20	18