Jordan - 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 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	0.3	0.2	0.1	0.1	0.1	0.1	0.0
1	0.7 (0.4-1.3)	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 (0.6-2.7)	0.7 (0.4-1.5)	0.4 (0.2-0.9)	0.3 (0.2-0.7)	0.2 (0.1-0.5)	0.2 (0.1-0.4)	0.1 (0.1-0.3)
3	2.4 (1.0-4.7)	1.4 (0.6-2.7)	0.8 (0.3-1.5)	0.6 (0.2-1.2)	0.5 (0.2-0.9)	0.4 (0.1-0.7)	0.3 (0.1-0.6)
4	4.3 (1.7-7.0)	2.5 (1.0-4.1)	1.4 (0.6-2.3)	1.1 (0.4-1.8)	0.9 (0.3-1.4)	0.7 (0.3-1.1)	0.5 (0.2-0.8)
5	7.5 (3.4-9.8)	4.4 (2.0-5.9)	2.5 (1.1-3.4)	2.0 (0.9-2.7)	1.5 (0.7-2.1)	1.2 (0.5-1.6)	0.9 (0.4-1.2)
6	13	7.7	4.5	3.5	2.7	2.1	1.6

Ten year probability of hip 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	0.7	0.4	0.2	0.2	0.1	0.1	0.1
1	1.2 (0.9-2.2)	0.7 (0.5-1.3)	0.4 (0.3-0.7)	0.3 (0.2-0.6)	0.2 (0.2-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.3)
2	2.3 (1.2-4.3)	1.3 (0.7-2.6)	0.8 (0.4-1.5)	0.6 (0.3-1.2)	0.5 (0.2-0.9)	0.4 (0.2-0.7)	0.3 (0.1-0.5)
3	4.0 (1.9-7.4)	2.4 (1.1-4.5)	1.4 (0.6-2.6)	1.1 (0.5-2.0)	0.8 (0.4-1.6)	0.6 (0.3-1.2)	0.5 (0.2-0.9)
4	7.0 (3.3-11)	4.3 (1.9-6.8)	2.5 (1.1-4.0)	1.9 (0.9-3.1)	1.5 (0.7-2.4)	1.1 (0.5-1.8)	0.9 (0.4-1.4)
5	12 (6.1-15)	7.3 (3.8-9.5)	4.3 (2.2-5.7)	3.4 (1.7-4.4)	2.6 (1.3-3.4)	2.0 (1.0-2.7)	1.6 (0.8-2.1)
6	19	12	7.4	5.8	4.5	3.5	2.7

Age = 60 years

Number of CRFs	BMI (kg/m²)						
	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 (1.4-3.2)	1.2 (0.9-1.9)	0.7 (0.5-1.1)	0.5 (0.4-0.9)	0.4 (0.3-0.7)	0.3 (0.2-0.5)	0.2 (0.2-0.4)
2	3.4 (2.0-5.9)	2.1 (1.2-3.7)	1.2 (0.7-2.2)	1.0 (0.6-1.7)	0.7 (0.4-1.3)	0.6 (0.3-1.0)	0.4 (0.3-0.8)
3	5.8 (3.0-10)	3.7 (1.9-6.5)	2.2 (1.1-3.9)	1.7 (0.9-3.0)	1.3 (0.7-2.3)	1.0 (0.5-1.8)	0.8 (0.4-1.4)
4	9.6 (5.3-15)	6.3 (3.3-9.7)	3.8 (2.0-5.9)	2.9 (1.5-4.6)	2.3 (1.2-3.5)	1.8 (0.9-2.7)	1.4 (0.7-2.1)
5	15 (9.3-19)	10 (6.2-13)	6.5 (3.8-8.3)	5.0 (3.0-6.4)	3.9 (2.3-5.0)	3.0 (1.8-3.8)	2.3 (1.4-3.0)
6	24	17	11	8.4	6.5	5.0	3.9

Ten year probability of hip 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	1.7	1.1	0.6	0.5	0.4	0.3	0.2
1	2.9 (2.3-4.2)	1.9 (1.4-2.7)	1.1 (0.9-1.6)	0.9 (0.7-1.2)	0.7 (0.5-1.0)	0.5 (0.4-0.7)	0.4 (0.3-0.6)
2	4.8 (3.0-7.3)	3.1 (2.0-5.0)	1.9 (1.2-3.1)	1.5 (0.9-2.4)	1.1 (0.7-1.9)	0.9 (0.5-1.4)	0.7 (0.4-1.1)
3	7.8 (4.5-12)	5.2 (3.0-8.6)	3.3 (1.8-5.5)	2.5 (1.4-4.2)	1.9 (1.1-3.3)	1.5 (0.8-2.5)	1.1 (0.6-1.9)
4	12 (7.5-18)	8.5 (5.2-13)	5.5 (3.2-8.2)	4.2 (2.5-6.4)	3.3 (1.9-4.9)	2.5 (1.5-3.8)	1.9 (1.1-2.9)
5	19 (13-23)	13 (9.1-16)	8.9 (6.1-11)	6.9 (4.7-8.6)	5.4 (3.6-6.7)	4.1 (2.8-5.2)	3.2 (2.1-4.0)
6	27	21	14	11	8.7	6.7	5.2

Age = 70 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	2.4	1.6	1.0	0.8	0.6	0.4	0.3
1	4.1 (3.0-5.0)	2.8 (2.1-3.3)	1.8 (1.4-2.1)	1.3 (1.0-1.6)	1.0 (0.8-1.2)	0.8 (0.6-0.9)	0.6 (0.5-0.7)
2	6.9 (4.5-10)	4.8 (3.2-6.9)	3.1 (2.1-4.4)	2.4 (1.6-3.4)	1.8 (1.2-2.6)	1.4 (0.9-2.0)	1.1 (0.7-1.5)
3	11 (7.2-17)	8.3 (5.4-12)	5.5 (3.6-8.1)	4.2 (2.8-6.3)	3.3 (2.1-4.8)	2.5 (1.6-3.7)	1.9 (1.2-2.8)
4	18 (12-26)	14 (9.3-20)	9.5 (6.5-14)	7.3 (5.0-11)	5.7 (3.8-8.3)	4.4 (2.9-6.4)	3.3 (2.2-4.9)
5	28 (23-35)	22 (18-28)	16 (13-20)	12 (10-16)	9.6 (7.9-12)	7.4 (6.1-9.6)	5.7 (4.7-7.4)
6	39	33	25	20	16	12	9.6

Ten year probability of hip 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	3.0	2.1	1.4	1.1	0.8	0.6	0.5
1	5.7 (3.8-10)	4.0 (2.8-7.2)	2.7 (1.9-4.7)	2.1 (1.4-3.6)	1.6 (1.1-2.8)	1.2 (0.8-2.1)	0.9 (0.6-1.6)
2	%10.0 (5.6-17	7.4 (4.2-13)	5.0 (2.8-8.5)	3.9 (2.2-6.5)	3.0 (1.7-5.0)	2.3 (1.3-3.9)	1.7 (1.0-3.0)
3	17 (8.5-27)	13 (6.7-21)	9.1 (4.9-15)	7.1 (3.8-11)	5.4 (2.9-8.8)	4.2 (2.2-6.8)	3.2 (1.7-5.2)
4	26 (14-37)	21 (11-31)	16 (8.5-24)	12 (6.5-19)	9.6 (5.0-15)	7.4 (3.8-12)	5.7 (2.9-9.0)
5	37 (23-47)	32 (19-41)	26 (15-33)	21 (11-27)	16 (8.8-21)	13 (6.8-17)	9.9 (5.2-13)
6	50	46	39	32	26	21	16

Age = 80 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	4.0	2.9	1.9	1.5	1.1	0.9	0.7
1	7.1 (4.8-13)	5.3 (3.7-9.6)	3.6 (2.6-6.6)	2.8 (2.0-5.0)	2.1 (1.5-3.9)	1.6 (1.1-3.0)	1.2 (0.9-2.3)
2	12 (7.1-21)	9.3 (5.5-16)	6.6 (3.9-11)	5.1 (3.0-8.7)	3.9 (2.3-6.7)	3.0 (1.7-5.2)	2.3 (1.3-4.0)
3	19 (11-29)	15 (8.4-24)	11 (6.0-19)	8.8 (4.6-15)	6.8 (3.5-11)	5.2 (2.7-8.8)	4.0 (2.0-6.8)
4	28 (15-39)	24 (13-33)	19 (9.9-27)	15 (7.6-21)	12 (5.8-17)	8.9 (4.4-13)	6.9 (3.4-10)
5	39 (24-48)	35 (21-44)	29 (16-37)	23 (13-30)	19 (9.9-24)	15 (7.6-19)	11 (5.8-15)
6	51	47	42	35	28	23	18

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Ten year probability of hip 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	5.1	3.9	2.7	2.1	1.6	1.2	0.9
1	9.0 (6.1-16)	7.0 (4.8-13)	5.0 (3.5-9.1)	3.9 (2.7-7.0)	2.9 (2.0-5.4)	2.2 (1.5-4.1)	1.7 (1.2-3.1)
2	15 (8.8-25)	12 (7.2-21)	8.9 (5.3-15)	6.9 (4.0-12)	5.3 (3.1-9.2)	4.0 (2.3-7.1)	3.1 (1.8-5.5)
3	23 (13-34)	19 (11-29)	15 (8.1-24)	12 (6.2-19)	9.1 (4.7-15)	7.0 (3.6-12)	5.3 (2.7-8.9)
4	33 (19-44)	29 (16-39)	24 (13-33)	19 (9.9-27)	15 (7.6-22)	12 (5.8-17)	9.0 (4.4-13)
5	44 (28-53)	40 (25-49)	35 (21-44)	29 (16-36)	23 (13-30)	18 (9.8-24)	14 (7.5-19)
6	56	52	48	41	34	28	22

Age = 90 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	7.2	6.0	4.6	3.5	2.6	2.0	1.5
1	12 (8.1-21)	10 (7.0-18)	8.2 (5.6-15)	6.3 (4.3-11)	4.8 (3.2-8.8)	3.6 (2.4-6.7)	2.8 (1.8-5.1)
2	19 (11-31)	17 (9.8-28)	14 (8.4-24)	11 (6.4-19)	8.3 (4.8-15)	6.3 (3.6-11)	4.8 (2.7-8.7)
3	27 (16-41)	25 (14-38)	22 (12-33)	17 (9.4-27)	14 (7.2-21)	11 (5.5-17)	8.1 (4.1-13)
4	38 (22-50)	35 (20-47)	32 (18-43)	26 (14-36)	21 (11-29)	17 (8.2-24)	13 (6.2-19)
5	49 (33-58)	46 (30-55)	43 (27-52)	36 (22-45)	30 (17-38)	25 (14-32)	20 (10-26)
6	60	57	54	48	41	34	28