Kyrgyzstan - 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 Kyrgyzstan. 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	0.8	0.5	0.3	0.2	0.2	0.1	0.1
1	1.6 (1.1-3.2)	0.9 (0.6-1.9)	0.5 (0.4-1.1)	0.4 (0.3-0.8)	0.3 (0.2-0.6)	0.2 (0.2-0.5)	0.2 (0.1-0.4)
2	3.0 (1.5-6.1)	1.8 (0.9-3.7)	1.0 (0.5-2.2)	0.8 (0.4-1.7)	0.6 (0.3-1.3)	0.5 (0.2-1.0)	0.4 (0.2-0.8)
3	5.4 (2.3-10)	3.3 (1.4-6.4)	1.9 (0.8-3.8)	1.5 (0.6-2.9)	1.2 (0.5-2.3)	0.9 (0.4-1.8)	0.7 (0.3-1.4)
4	9.5 (4.0-15)	5.9 (2.4-9.7)	3.5 (1.4-5.7)	2.7 (1.1-4.5)	2.1 (0.8-3.5)	1.6 (0.6-2.7)	1.3 (0.5-2.1)
5	16 (7.3-20)	10 (4.6-13)	6.2 (2.8-8.2)	4.8 (2.2-6.4)	3.7 (1.7-4.9)	2.9 (1.3-3.8)	2.2 (1.0-3.0)
6	25	17	11	8.3	6.4	5.0	3.9

Age = 55 years

Number of CRFs	BMI kg/m²						
	15	20	25	30	35	40	45
0	1.2	0.7	0.4	0.3	0.3	0.2	0.2
1	2.3 (1.6-4.1)	1.4 (1.0-2.5)	0.8 (0.6-1.4)	0.6 (0.4-1.1)	0.5 (0.3-0.9)	0.4 (0.3-0.7)	0.3 (0.2-0.5)
2	4.1 (2.2-7.5)	2.5 (1.4-4.8)	1.5 (0.8-2.9)	1.2 (0.6-2.2)	0.9 (0.5-1.7)	0.7 (0.4-1.3)	0.5 (0.3-1.0)
3	7.1 (3.3-13)	4.5 (2.1-8.3)	2.7 (1.2-5.1)	2.1 (1.0-3.9)	1.6 (0.7-3.0)	1.2 (0.6-2.3)	1.0 (0.4-1.8)
4	12 (5.8-19)	7.8 (3.7-12)	4.8 (2.2-7.6)	3.7 (1.7-5.9)	2.9 (1.3-4.6)	2.2 (1.0-3.6)	1.7 (0.8-2.7)
5	19 (10-23)	13 (6.8-16)	8.2 (4.3-11)	6.4 (3.3-8.3)	4.9 (2.5-6.4)	3.8 (2.0-5.0)	2.9 (1.5-3.8)
6	29	21	14	11	8.3	6.5	5.0

Ten years probability of hip fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in men from Kyrgyzstan.

Age = 60 years

Number of CRFs	BMI kg/m²						
	15	20	25	30	35	40	45
0	1.8	1.1	0.7	0.5	0.4	0.3	0.2
1	3.1 (2.4-5.1)	2.0 (1.5-3.3)	1.2 (0.9-2.0)	0.9 (0.7-1.5)	0.7 (0.5-1.2)	0.6 (0.4-0.9)	0.4 (0.3-0.7)
2	5.4 (3.1-8.8)	3.5 (2.0-6.0)	2.2 (1.3-3.8)	1.7 (1.0-3.0)	1.3 (0.7-2.3)	1.0 (0.6-1.7)	0.8 (0.4-1.3)
3	8.8 (4.7-15)	6.0 (3.1-10)	3.8 (1.9-6.7)	2.9 (1.5-5.1)	2.3 (1.1-4.0)	1.7 (0.9-3.1)	1.3 (0.7-2.3)
4	14 (7.8-21)	9.9 (5.4-15)	6.4 (3.4-10.0)	5.0 (2.6-7.7)	3.8 (2.0-6.0)	3.0 (1.5-4.6)	2.3 (1.2-3.6)
5	21 (13-26)	16 (9.5-19)	11 (6.4-13)	8.3 (4.9-10)	6.4 (3.8-8.1)	4.9 (2.9-6.3)	3.8 (2.2-4.8)
6	31	24	17	13	10	8.1	6.3

Age = 65 years

Number of CRFs	BMI kg/m²						
	15	20	25	30	35	40	45
0	2.5	1.7	1.1	0.8	0.6	0.5	0.4
1	4.1 (3.2-6.1)	2.8 (2.2-4.1)	1.8 (1.4-2.6)	1.4 (1.1-2.0)	1.1 (0.8-1.5)	0.8 (0.6-1.2)	0.6 (0.5-0.9)
2	6.7 (4.1-10)	4.7 (2.9-7.2)	3.1 (1.9-4.9)	2.4 (1.5-3.7)	1.8 (1.1-2.9)	1.4 (0.9-2.2)	1.1 (0.7-1.7)
3	10 (6.2-16)	7.6 (4.4-12)	5.1 (2.9-8.4)	3.9 (2.2-6.5)	3.0 (1.7-5.0)	2.3 (1.3-3.8)	1.8 (1.0-2.9)
4	16 (9.7-23)	12 (7.4-18)	8.4 (5.1-12)	6.5 (3.9-9.7)	5.0 (3.0-7.5)	3.8 (2.3-5.8)	2.9 (1.8-4.4)
5	23 (16-28)	18 (13-22)	13 (9.0-16)	10 (6.9-13)	8.0 (5.3-9.8)	6.1 (4.1-7.5)	4.7 (3.1-5.8)
6	32	27	20	16	13	9.7	7.5

Ten years probability of hip fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in men from Kyrgyzstan.

Age = 70 years

Number of CRFs	BMI kg/m²						
	15	20	25	30	35	40	45
0	3.3	2.4	1.6	1.2	0.9	0.7	0.5
1	5.6 (4.0-6.8)	4.1 (3.0-5.0)	2.8 (2.1-3.3)	2.1 (1.6-2.6)	1.6 (1.2-2.0)	1.2 (0.9-1.5)	0.9 (0.7-1.1)
2	9.2 (6.0-14)	6.9 (4.5-10)	4.9 (3.2-6.9)	3.7 (2.4-5.3)	2.8 (1.8-4.1)	2.2 (1.4-3.1)	1.6 (1.1-2.4)
3	15 (8.9-22)	11 (7.2-17)	8.3 (5.4-12)	6.4 (4.1-9.2)	4.9 (3.1-7.1)	3.7 (2.4-5.5)	2.8 (1.8-4.2)
4	22 (15-30)	18 (12-26)	14 (9.3-20)	11 (7.1-16)	8.3 (5.4-12)	6.3 (4.1-9.3)	4.9 (3.1-7.2)
5	32 (27-40)	27 (23-35)	22 (18-28)	17 (14-22)	14 (11-18)	10 (8.5-14)	8.1 (6.5-11)
6	43	39	33	27	21	17	13

Age = 75 years

Number of CRFs	BMI kg/m²						
	15	20	25	30	35	40	45
0	4.1	3.2	2.2	1.7	1.3	1.0	0.7
1	7.5 (4.9-13)	5.9 (3.9-10)	4.3 (2.9-7.6)	3.3 (2.2-5.8)	2.5 (1.7-4.4)	1.9 (1.3-3.4)	1.4 (0.9-2.6)
2	13 (7.1-22)	10 (5.8-18)	7.7 (4.4-13)	5.9 (3.3-10)	4.5 (2.5-7.9)	3.5 (1.9-6.0)	2.6 (1.4-4.6)
3	20 (10-33)	17 (8.7-28)	13 (7.0-22)	10 (5.3-17)	8.0 (4.0-13)	6.2 (3.0-10)	4.7 (2.3-8.0)
4	30 (17-43)	26 (14-37)	22 (12-32)	17 (9.0-26)	14 (6.9-21)	10 (5.2-16)	8.1 (4.0-13)
5	42 (27-52)	38 (23-47)	33 (20-42)	27 (15-35)	22 (12-29)	17 (9.2-23)	13 (7.0-18)
6	54	51	46	39	32	26	21

Ten years probability of hip fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in men from Kyrgyzstan.

Age = 80 years

Number of CRFs	BMI kg/m²						
	15	20	25	30	35	40	45
0	5.1	4.1	3.1	2.3	1.8	1.3	1.0
1	8.9 (5.9-16)	7.3 (4.9-13)	5.6 (3.8-10)	4.3 (2.9-7.8)	3.2 (2.2-6.0)	2.5 (1.6-4.6)	1.9 (1.2-3.5)
2	14 (8.5-25)	12 (7.1-21)	9.7 (5.7-17)	7.5 (4.4-13)	5.7 (3.3-10)	4.3 (2.5-7.8)	3.3 (1.9-6.0)
3	22 (12-34)	19 (10-30)	16 (8.7-25)	12 (6.6-20)	9.6 (5.0-15)	7.4 (3.8-12)	5.6 (2.8-9.2)
4	32 (18-43)	28 (15-39)	24 (13-34)	19 (10.0-28)	15 (7.6-22)	12 (5.8-17)	9.2 (4.4-14)
5	43 (28-52)	39 (24-48)	35 (21-44)	29 (16-37)	23 (13-30)	19 (9.8-24)	15 (7.5-19)
6	54	51	47	40	34	27	22

Age = 85 years

Number of CRFs	BMI kg/m²						
	15	20	25	30	35	40	45
0	6.2	5.1	4.1	3.1	2.3	1.7	1.3
1	11 (7.1-19)	8.9 (6.0-16)	7.3 (4.9-13)	5.5 (3.7-10)	4.2 (2.8-7.7)	3.2 (2.1-5.9)	2.4 (1.6-4.5)
2	17 (10-29)	15 (8.5-25)	12 (7.2-21)	9.4 (5.4-17)	7.2 (4.1-13)	5.5 (3.1-10.0)	4.2 (2.3-7.6)
3	25 (15-38)	22 (12-34)	19 (11-30)	15 (8.1-24)	12 (6.1-19)	9.1 (4.6-15)	7.0 (3.5-11)
4	36 (21-48)	32 (18-44)	28 (16-39)	23 (12-32)	18 (9.2-26)	14 (7.0-21)	11 (5.3-17)
5	47 (31-55)	43 (28-52)	39 (24-48)	33 (19-41)	27 (15-35)	22 (12-28)	17 (9.0-23)
6	57	55	52	45	38	31	25

Ten years probability of hip fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in men from Kyrgyzstan.

Age = 90 years

Number of CRFs	BMI kg/m²						
	15	20	25	30	35	40	45
0	7.6	6.4	5.2	3.9	3.0	2.2	1.7
1	13 (8.7-22)	11 (7.3-19)	9.1 (6.1-16)	7.0 (4.6-13)	5.3 (3.5-9.7)	4.0 (2.6-7.4)	3.0 (2.0-5.6)
2	20 (12-33)	17 (10-29)	15 (8.8-26)	12 (6.7-20)	8.9 (5.1-16)	6.8 (3.8-12)	5.2 (2.9-9.5)
3	29 (17-43)	26 (15-39)	23 (13-35)	18 (9.9-28)	14 (7.5-23)	11 (5.7-18)	8.6 (4.3-14)
4	40 (24-52)	36 (21-49)	33 (19-44)	27 (15-38)	22 (11-31)	17 (8.6-25)	14 (6.6-20)
5	50 (35-58)	48 (32-56)	44 (29-53)	38 (23-46)	31 (18-40)	26 (14-33)	21 (11-27)
6	58	58	56	49	43	36	30