

Uzbekistan - 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 Uzbekistan. 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/m ²						
	15	20	25	30	35	40	45
0	0.9	0.5	0.3	0.2	0.2	0.1	0.1
1	1.9 (1.2-3.7)	1.1 (0.7-2.1)	0.6 (0.4-1.2)	0.5 (0.3-0.9)	0.4 (0.2-0.7)	0.3 (0.2-0.6)	0.2 (0.1-0.4)
2	3.5 (1.8-7.1)	2.1 (1.0-4.3)	1.2 (0.6-2.5)	0.9 (0.5-1.9)	0.7 (0.4-1.5)	0.5 (0.3-1.1)	0.4 (0.2-0.9)
3	6.4 (2.7-12)	3.8 (1.6-7.4)	2.2 (0.9-4.3)	1.7 (0.7-3.4)	1.3 (0.5-2.6)	1.0 (0.4-2.0)	0.8 (0.3-1.6)
4	11 (4.7-18)	6.8 (2.8-11)	4.0 (1.6-6.5)	3.1 (1.2-5.1)	2.4 (0.9-4.0)	1.9 (0.7-3.1)	1.4 (0.6-2.4)
5	19 (8.8-24)	12 (5.4-15)	7.0 (3.2-9.4)	5.5 (2.5-7.3)	4.3 (1.9-5.7)	3.3 (1.5-4.4)	2.6 (1.1-3.4)
6	30	20	12	9.5	7.4	5.8	4.5

Age = 55 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	1.6	1.0	0.6	0.4	0.3	0.3	0.2
1	3.0 (2.1-5.4)	1.8 (1.3-3.2)	1.1 (0.7-1.9)	0.8 (0.6-1.5)	0.6 (0.4-1.1)	0.5 (0.3-0.9)	0.4 (0.3-0.7)
2	5.4 (2.9-10.0)	3.3 (1.8-6.3)	2.0 (1.1-3.8)	1.5 (0.8-2.9)	1.2 (0.6-2.3)	0.9 (0.5-1.7)	0.7 (0.4-1.3)
3	9.4 (4.5-17)	5.9 (2.7-11)	3.5 (1.6-6.6)	2.7 (1.2-5.1)	2.1 (1.0-4.0)	1.6 (0.7-3.1)	1.3 (0.6-2.4)
4	16 (7.7-24)	10 (4.8-16)	6.2 (2.8-9.9)	4.8 (2.2-7.7)	3.7 (1.7-6.0)	2.9 (1.3-4.6)	2.2 (1.0-3.6)
5	25 (14-30)	17 (9.0-21)	11 (5.6-14)	8.3 (4.3-11)	6.5 (3.3-8.4)	5.0 (2.6-6.5)	3.9 (2.0-5.1)
6	37	27	18	14	11	8.5	6.6

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

Age = 60 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	2.7	1.7	1.0	0.8	0.6	0.5	0.4
1	4.7 (3.5-7.6)	3.0 (2.2-4.8)	1.8 (1.3-2.9)	1.4 (1.0-2.2)	1.1 (0.8-1.7)	0.8 (0.6-1.3)	0.6 (0.5-1.0)
2	8.0 (4.7-13)	5.2 (3.0-8.9)	3.2 (1.9-5.6)	2.5 (1.4-4.3)	1.9 (1.1-3.3)	1.5 (0.8-2.6)	1.1 (0.7-2.0)
3	13 (7.0-21)	8.8 (4.6-15)	5.5 (2.8-9.6)	4.3 (2.2-7.5)	3.3 (1.7-5.8)	2.5 (1.3-4.5)	2.0 (1.0-3.5)
4	20 (12-30)	14 (8.0-22)	9.3 (4.9-14)	7.3 (3.8-11)	5.6 (2.9-8.7)	4.3 (2.3-6.8)	3.4 (1.7-5.2)
5	30 (19-36)	23 (14-27)	15 (9.3-19)	12 (7.2-15)	9.4 (5.6-12)	7.3 (4.3-9.2)	5.6 (3.3-7.1)
6	42	34	24	19	15	12	9.2

Age = 65 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	3.9	2.5	1.6	1.2	0.9	0.7	0.5
1	6.4 (5.0-9.2)	4.3 (3.3-6.1)	2.7 (2.0-3.8)	2.1 (1.6-3.0)	1.6 (1.2-2.3)	1.2 (0.9-1.7)	0.9 (0.7-1.3)
2	10 (6.5-16)	7.1 (4.4-11)	4.5 (2.8-7.2)	3.5 (2.2-5.6)	2.7 (1.7-4.3)	2.1 (1.3-3.3)	1.6 (1.0-2.5)
3	16 (9.6-24)	11 (6.7-18)	7.6 (4.3-12)	5.8 (3.3-9.6)	4.5 (2.5-7.4)	3.5 (2.0-5.7)	2.7 (1.5-4.4)
4	24 (15-33)	18 (11-26)	12 (7.5-18)	9.5 (5.8-14)	7.4 (4.5-11)	5.7 (3.4-8.6)	4.4 (2.6-6.6)
5	33 (24-40)	27 (19-32)	19 (13-23)	15 (10-18)	12 (8.0-14)	9.2 (6.2-11)	7.1 (4.7-8.7)
6	45	38	29	23	18	14	11

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

Age = 70 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	4.8	3.4	2.2	1.7	1.3	1.0	0.8
1	8.2 (6.0-9.9)	5.9 (4.4-7.1)	3.9 (3.0-4.7)	3.0 (2.3-3.6)	2.3 (1.7-2.8)	1.8 (1.3-2.1)	1.3 (1.0-1.6)
2	13 (8.9-19)	9.9 (6.6-14)	6.8 (4.5-9.6)	5.3 (3.5-7.5)	4.0 (2.6-5.8)	3.1 (2.0-4.4)	2.4 (1.5-3.4)
3	21 (13-30)	16 (11-23)	12 (7.8-17)	9.0 (6.0-13)	7.0 (4.6-10)	5.4 (3.5-7.8)	4.1 (2.6-6.0)
4	31 (21-41)	25 (17-35)	19 (13-27)	15 (10-21)	12 (7.9-17)	9.1 (6.0-13)	7.0 (4.6-10)
5	42 (37-51)	37 (31-45)	30 (25-37)	24 (20-30)	19 (16-24)	15 (12-19)	12 (9.4-15)
6	55	50	43	36	29	23	19

Age = 75 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	5.8	4.4	3.0	2.3	1.8	1.3	1.0
1	10 (6.9-18)	8.1 (5.4-14)	5.8 (4.0-10)	4.4 (3.0-7.8)	3.4 (2.3-6.0)	2.6 (1.7-4.6)	2.0 (1.3-3.5)
2	17 (10-29)	14 (8.1-23)	10 (6.0-17)	8.1 (4.5-14)	6.2 (3.5-11)	4.8 (2.6-8.2)	3.6 (2.0-6.3)
3	27 (15-42)	23 (12-36)	18 (9.6-28)	14 (7.4-22)	11 (5.6-18)	8.4 (4.3-14)	6.5 (3.2-11)
4	39 (23-52)	34 (20-46)	28 (16-40)	23 (12-33)	18 (9.6-27)	14 (7.4-22)	11 (5.6-17)
5	51 (35-61)	47 (31-57)	41 (26-51)	35 (21-44)	28 (16-37)	23 (13-30)	18 (9.8-24)
6	63	60	56	48	41	34	28

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

Age = 80 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	6.8	5.3	3.9	3.0	2.3	1.7	1.3
1	12 (7.9-20)	9.4 (6.4-17)	7.1 (4.9-13)	5.5 (3.7-9.9)	4.2 (2.8-7.6)	3.2 (2.1-5.8)	2.4 (1.6-4.4)
2	19 (11-31)	16 (9.5-26)	12 (7.4-21)	9.5 (5.6-17)	7.3 (4.3-13)	5.6 (3.2-10.0)	4.3 (2.4-7.7)
3	28 (16-41)	24 (14-36)	20 (11-30)	16 (8.6-25)	12 (6.5-19)	9.5 (5.0-15)	7.3 (3.8-12)
4	39 (23-51)	35 (20-46)	30 (17-41)	24 (13-34)	19 (10.0-28)	15 (7.6-22)	12 (5.8-17)
5	51 (34-59)	47 (30-56)	42 (26-51)	35 (21-44)	29 (16-37)	23 (13-30)	19 (9.8-24)
6	61	59	55	48	41	34	28

Age = 85 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	7.5	6.0	4.6	3.5	2.6	2.0	1.5
1	13 (8.7-22)	10 (7.1-18)	8.1 (5.6-15)	6.2 (4.2-11)	4.8 (3.2-8.7)	3.6 (2.4-6.6)	2.7 (1.8-5.1)
2	20 (12-33)	17 (10-29)	14 (8.3-23)	11 (6.3-19)	8.2 (4.8-15)	6.3 (3.6-11)	4.8 (2.7-8.7)
3	30 (18-43)	26 (15-38)	22 (12-33)	17 (9.6-27)	14 (7.3-21)	11 (5.6-17)	8.1 (4.2-13)
4	41 (25-53)	37 (22-49)	32 (18-43)	26 (14-36)	21 (11-30)	17 (8.4-24)	13 (6.4-19)
5	52 (37-60)	49 (33-58)	44 (28-54)	38 (23-46)	31 (18-39)	25 (14-33)	20 (11-26)
6	61	60	57	50	43	36	30

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

Age = 90 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	7.2	5.8	4.5	3.4	2.6	1.9	1.5
1	12 (8.3-21)	10 (6.8-18)	8.0 (5.4-14)	6.1 (4.1-11)	4.7 (3.1-8.6)	3.5 (2.3-6.5)	2.7 (1.8-5.0)
2	19 (12-32)	16 (10.0-28)	13 (8.1-23)	10 (6.2-18)	8.0 (4.7-14)	6.1 (3.5-11)	4.7 (2.7-8.5)
3	29 (17-42)	25 (14-37)	21 (12-32)	17 (9.2-26)	13 (7.0-21)	10 (5.3-16)	7.8 (4.0-13)
4	39 (24-52)	36 (21-47)	31 (18-42)	26 (14-35)	20 (11-29)	16 (8.1-23)	13 (6.1-18)
5	50 (35-58)	47 (31-56)	43 (27-52)	36 (22-45)	30 (17-38)	24 (13-31)	20 (10-26)
6	58	58	55	49	42	35	29