Bulgaria - 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 Bulgaria. 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	0.6	0.3	0.2	0.1	0.1	0.1	0.1
1	1.1 (0.7-2.2)	0.7 (0.4-1.3)	0.4 (0.2-0.7)	0.3 (0.2-0.6)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.3)
2	2.1 (1.0-4.3)	1.3 (0.6-2.6)	0.7 (0.4-1.5)	0.6 (0.3-1.2)	0.4 (0.2-0.9)	0.3 (0.2-0.7)	0.3 (0.1-0.5)
3	3.9 (1.6-7.5)	2.3 (0.9-4.5)	1.3 (0.5-2.7)	1.0 (0.4-2.1)	0.8 (0.3-1.6)	0.6 (0.3-1.2)	0.5 (0.2-0.9)
4	6.8 (2.8-11)	4.2 (1.7-6.9)	2.4 (1.0-4.0)	1.9 (0.7-3.1)	1.5 (0.6-2.4)	1.1 (0.4-1.9)	0.9 (0.3-1.4)
5	12 (5.3-15)	7.3 (3.3-9.5)	4.3 (1.9-5.8)	3.4 (1.5-4.5)	2.6 (1.2-3.5)	2.0 (0.9-2.7)	1.6 (0.7-2.1)
6	19	12	7.5	5.8	4.5	3.5	2.7

Age = 55 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	1.5 (1.1-2.8)	0.9 (0.6-1.7)	0.5 (0.4-1.0)	0.4 (0.3-0.7)	0.3 (0.2-0.6)	0.2 (0.2-0.4)	0.2 (0.1-0.3)
2	2.8 (1.5-5.1)	1.7 (0.9-3.2)	1.0 (0.5-1.9)	0.8 (0.4-1.5)	0.6 (0.3-1.2)	0.5 (0.2-0.9)	0.4 (0.2-0.7)
3	4.8 (2.2-8.8)	3.0 (1.4-5.6)	1.8 (0.8-3.4)	1.4 (0.6-2.6)	1.1 (0.5-2.0)	0.8 (0.4-1.6)	0.6 (0.3-1.2)
4	8.2 (3.9-13)	5.3 (2.4-8.5)	3.2 (1.5-5.1)	2.5 (1.1-4.0)	1.9 (0.9-3.1)	1.5 (0.7-2.4)	1.1 (0.5-1.8)
5	13 (7.0-17)	8.9 (4.6-11)	5.5 (2.9-7.2)	4.3 (2.2-5.6)	3.3 (1.7-4.3)	2.6 (1.3-3.3)	2.0 (1.0-2.6)
6	21	15	9.4	7.3	5.6	4.4	3.4

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

Age = 60 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	2.0 (1.5-3.3)	1.3 (0.9-2.1)	0.8 (0.6-1.2)	0.6 (0.4-1.0)	0.5 (0.3-0.7)	0.4 (0.3-0.6)	0.3 (0.2-0.4)
2	3.5 (2.0-5.9)	2.3 (1.3-3.9)	1.4 (0.8-2.4)	1.1 (0.6-1.9)	0.8 (0.5-1.4)	0.6 (0.4-1.1)	0.5 (0.3-0.9)
3	5.9 (3.1-10)	3.9 (2.0-6.8)	2.4 (1.2-4.3)	1.9 (0.9-3.3)	1.4 (0.7-2.5)	1.1 (0.6-1.9)	0.8 (0.4-1.5)
4	9.5 (5.2-15)	6.5 (3.5-10)	4.1 (2.1-6.4)	3.2 (1.7-5.0)	2.5 (1.3-3.8)	1.9 (1.0-3.0)	1.4 (0.8-2.3)
5	15 (8.9-19)	11 (6.3-13)	6.9 (4.1-8.8)	5.4 (3.2-6.8)	4.1 (2.4-5.3)	3.2 (1.9-4.1)	2.4 (1.4-3.1)
6	23	17	11	8.8	6.8	5.3	4.1

Age = 65 years

Number of CRFs	BMI kg/m²						
	15	**20**	**25**	**30**	**35**	**40**	**45**
0	1.6	1.1	0.7	0.5	0.4	0.3	0.2
1	2.7 (2.1-4.0)	1.8 (1.4-2.6)	1.1 (0.9-1.6)	0.9 (0.7-1.3)	0.7 (0.5-1.0)	0.5 (0.4-0.7)	0.4 (0.3-0.6)
2	4.4 (2.7-6.9)	3.0 (1.9-4.7)	1.9 (1.2-3.1)	1.5 (0.9-2.4)	1.1 (0.7-1.8)	0.9 (0.5-1.4)	0.7 (0.4-1.1)
3	7.0 (4.1-11)	5.0 (2.8-8.1)	3.3 (1.8-5.4)	2.5 (1.4-4.2)	1.9 (1.1-3.2)	1.5 (0.8-2.4)	1.1 (0.6-1.9)
4	11 (6.6-16)	8.0 (4.9-12)	5.4 (3.2-8.1)	4.1 (2.5-6.3)	3.2 (1.9-4.8)	2.4 (1.5-3.7)	1.9 (1.1-2.8)
5	16 (11-20)	13 (8.4-15)	8.7 (5.8-11)	6.7 (4.5-8.3)	5.2 (3.4-6.4)	4.0 (2.6-4.9)	3.0 (2.0-3.7)
6	24	19	14	11	8.3	6.4	4.9

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

Age = 70 years

Number of CRFs	BMI kg/m²						
	15	20	25	30	35	40	45
0	2.4	1.7	1.1	0.9	0.7	0.5	0.4
1	4.1 (2.9-5.0)	3.0 (2.2-3.6)	2.0 (1.5-2.4)	1.5 (1.1-1.8)	1.2 (0.9-1.4)	0.9 (0.7-1.1)	0.7 (0.5-0.8)
2	6.8 (4.4-10)	5.1 (3.3-7.5)	3.5 (2.3-5.0)	2.7 (1.7-3.8)	2.0 (1.3-2.9)	1.6 (1.0-2.3)	1.2 (0.8-1.7)
3	11 (6.5-17)	8.5 (5.3-13)	6.0 (3.9-8.8)	4.6 (3.0-6.8)	3.5 (2.3-5.2)	2.7 (1.7-4.0)	2.1 (1.3-3.0)
4	17 (11-24)	14 (9.0-20)	10 (6.8-15)	7.9 (5.2-12)	6.0 (4.0-8.9)	4.6 (3.0-6.9)	3.5 (2.3-5.3)
5	25 (21-32)	21 (17-27)	17 (14-21)	13 (11-17)	10 (8.2-13)	7.8 (6.2-10)	5.9 (4.8-7.9)
6	35	31	26	21	16	13	9.8

Age = 75 years

Number of CRFs	BMI kg/m²						
	15	20	25	30	35	40	45
0	3.6	2.8	2.0	1.5	1.1	0.9	0.7
1	6.5 (4.2-12)	5.1 (3.4-9.2)	3.7 (2.5-6.6)	2.8 (1.9-5.1)	2.2 (1.4-3.9)	1.6 (1.1-3.0)	1.2 (0.8-2.2)
2	11 (6.1-19)	9.1 (5.1-16)	6.8 (3.8-12)	5.2 (2.9-9.0)	4.0 (2.2-6.9)	3.0 (1.7-5.3)	2.3 (1.3-4.0)
3	18 (9.0-30)	15 (7.6-25)	12 (6.1-19)	9.2 (4.6-15)	7.1 (3.5-12)	5.4 (2.6-9.1)	4.1 (2.0-7.0)
4	27 (15-39)	24 (13-34)	19 (10-29)	15 (7.9-23)	12 (6.1-18)	9.3 (4.6-14)	7.1 (3.5-11)
5	38 (24-47)	34 (21-44)	30 (17-38)	24 (14-32)	19 (11-26)	15 (8.1-20)	12 (6.2-16)
6	50	47	43	36	29	24	19

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

Age = 80 years

Number of CRFs	BMI kg/m²						
	15	20	25	30	35	40	45
0	5.0	4.1	3.1	2.3	1.8	1.3	1.0
1	8.7 (5.8-16)	7.2 (4.8-13)	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 (8.1-24)	12 (7.0-21)	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	21 (12-33)	19 (10-29)	16 (8.6-24)	12 (6.6-19)	9.5 (5.0-15)	7.3 (3.7-12)	5.6 (2.8-9.1)
4	31 (17-42)	28 (15-39)	24 (13-33)	19 (9.9-27)	15 (7.5-22)	12 (5.7-17)	9.1 (4.3-13)
5	42 (27-51)	38 (24-47)	35 (21-43)	29 (16-36)	23 (13-30)	18 (9.7-24)	14 (7.4-19)
6	53	50	46	40	33	27	22

Age = 85 years

Number of CRFs	BMI kg/m²						
	15	20	25	30	35	40	45
0	6.5	5.2	3.9	3.0	2.3	1.7	1.3
1	11 (7.5-19)	9.1 (6.1-16)	7.1 (4.8-13)	5.4 (3.7-9.9)	4.1 (2.8-7.6)	3.1 (2.1-5.8)	2.4 (1.6-4.4)
2	18 (11-30)	15 (9.0-26)	12 (7.2-21)	9.3 (5.5-16)	7.2 (4.2-13)	5.5 (3.1-9.8)	4.2 (2.4-7.5)
3	27 (15-39)	23 (13-35)	19 (11-29)	15 (8.3-24)	12 (6.3-19)	9.2 (4.8-15)	7.0 (3.6-11)
4	37 (22-49)	33 (19-45)	29 (16-39)	24 (12-33)	19 (9.5-27)	15 (7.3-21)	11 (5.5-17)
5	48 (33-57)	45 (29-54)	41 (25-50)	34 (20-43)	28 (16-36)	23 (12-29)	18 (9.4-24)
6	58	56	53	46	39	33	27

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

Age = 90 years

Number of CRFs	BMI kg/m²						
	15	20	25	30	35	40	45
0	6.0	4.8	3.7	2.8	2.1	1.6	1.2
1	10 (7.0-18)	8.4 (5.7-15)	6.6 (4.5-12)	5.0 (3.4-9.2)	3.8 (2.5-7.0)	2.9 (1.9-5.4)	2.2 (1.4-4.1)
2	17 (10-28)	14 (8.4-24)	11 (6.7-20)	8.7 (5.1-15)	6.6 (3.8-12)	5.1 (2.9-9.1)	3.8 (2.2-7.0)
3	25 (15-38)	22 (12-33)	18 (10-28)	14 (7.7-22)	11 (5.9-18)	8.5 (4.4-14)	6.5 (3.3-11)
4	36 (21-48)	32 (18-43)	27 (15-38)	22 (12-31)	18 (8.9-25)	14 (6.8-20)	11 (5.1-16)
5	47 (32-55)	43 (28-52)	39 (24-48)	32 (19-41)	26 (15-34)	21 (11-28)	17 (8.8-22)
6	56	55	51	44	38	31	25