

Bulgaria - The probabilities of a hip fracture in women

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/m ²						
	15	20	25	30	35	40	45
0	1.0	0.6	0.3	0.2	0.2	0.1	0.1
1	2.1 (1.4-4.1)	1.1 (0.7-2.2)	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	4.1 (2.1-8.6)	2.2 (1.1-4.7)	1.2 (0.6-2.6)	0.9 (0.5-2.0)	0.7 (0.4-1.6)	0.6 (0.3-1.2)	0.4 (0.2-0.9)
3	7.6 (3.1-15)	4.2 (1.7-8.2)	2.3 (0.9-4.5)	1.8 (0.7-3.5)	1.4 (0.6-2.7)	1.1 (0.4-2.1)	0.8 (0.3-1.7)
4	14 (5.5-21)	7.6 (3.0-12)	4.2 (1.6-6.8)	3.3 (1.3-5.3)	2.6 (1.0-4.2)	2.0 (0.8-3.2)	1.5 (0.6-2.5)
5	23 (11-30)	13 (6.3-18)	7.5 (3.4-10)	5.9 (2.7-7.9)	4.6 (2.1-6.2)	3.6 (1.6-4.8)	2.8 (1.3-3.8)
6	38	23	13	10	8.1	6.3	4.9

Age = 55 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	1.6	0.9	0.5	0.4	0.3	0.2	0.2
1	3.1 (2.1-5.4)	1.7 (1.2-3.0)	0.9 (0.6-1.6)	0.7 (0.5-1.3)	0.6 (0.4-1.0)	0.4 (0.3-0.8)	0.3 (0.2-0.6)
2	5.8 (3.2-11)	3.2 (1.7-6.3)	1.7 (0.9-3.4)	1.4 (0.7-2.7)	1.1 (0.6-2.1)	0.8 (0.4-1.6)	0.6 (0.3-1.3)
3	10 (4.8-19)	5.8 (2.6-11)	3.2 (1.4-6.0)	2.5 (1.1-4.7)	1.9 (0.9-3.7)	1.5 (0.7-2.8)	1.2 (0.5-2.2)
4	18 (8.3-27)	10 (4.6-16)	5.7 (2.5-9.0)	4.5 (2.0-7.1)	3.5 (1.5-5.5)	2.7 (1.2-4.3)	2.1 (0.9-3.4)
5	29 (17-37)	18 (9.6-23)	10 (5.3-13)	7.9 (4.2-10)	6.2 (3.2-8.2)	4.8 (2.5-6.4)	3.8 (2.0-5.0)
6	46	29	17	13	11	8.3	6.5

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

Age = 60 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	2.5	1.4	0.7	0.6	0.4	0.3	0.3
1	4.5 (3.2-7.0)	2.5 (1.8-3.9)	1.4 (1.0-2.1)	1.1 (0.8-1.7)	0.8 (0.6-1.3)	0.6 (0.5-1.0)	0.5 (0.4-0.8)
2	7.9 (4.7-14)	4.5 (2.6-8.1)	2.5 (1.5-4.5)	1.9 (1.1-3.5)	1.5 (0.9-2.7)	1.2 (0.7-2.1)	0.9 (0.5-1.6)
3	14 (7.1-23)	7.9 (4.0-14)	4.4 (2.2-7.8)	3.4 (1.7-6.1)	2.7 (1.3-4.8)	2.1 (1.0-3.7)	1.6 (0.8-2.9)
4	23 (12-33)	13 (7.0-20)	7.7 (3.9-12)	6.0 (3.0-9.2)	4.7 (2.3-7.2)	3.7 (1.8-5.6)	2.9 (1.4-4.4)
5	36 (23-44)	22 (14-28)	13 (8.0-17)	10 (6.3-13)	8.1 (4.9-11)	6.3 (3.8-8.3)	4.9 (3.0-6.5)
6	52	35	22	17	14	11	8.4

Age = 65 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	3.8	2.1	1.2	0.9	0.7	0.6	0.4
1	6.5 (4.9-9.1)	3.7 (2.8-5.2)	2.1 (1.6-2.9)	1.6 (1.2-2.3)	1.3 (0.9-1.8)	1.0 (0.7-1.4)	0.8 (0.6-1.1)
2	11 (7.0-17)	6.5 (4.1-10)	3.7 (2.3-6.1)	2.9 (1.8-4.7)	2.2 (1.4-3.7)	1.7 (1.1-2.9)	1.3 (0.8-2.2)
3	18 (10-28)	11 (6.2-18)	6.3 (3.5-10)	4.9 (2.7-8.2)	3.8 (2.1-6.4)	3.0 (1.6-5.0)	2.3 (1.3-3.9)
4	28 (18-39)	18 (11-26)	11 (6.1-16)	8.3 (4.8-12)	6.5 (3.7-9.6)	5.1 (2.9-7.5)	3.9 (2.2-5.9)
5	42 (31-49)	28 (20-34)	17 (12-22)	14 (9.6-17)	11 (7.5-14)	8.5 (5.9-11)	6.6 (4.6-8.4)
6	58	42	28	22	18	14	11

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

Age = 70 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	6.2	3.7	2.1	1.7	1.3	1.0	0.8
1	11 (8.4-13)	6.6 (5.2-7.8)	3.9 (3.1-4.5)	3.0 (2.4-3.5)	2.3 (1.8-2.7)	1.8 (1.4-2.1)	1.4 (1.1-1.6)
2	18 (13-25)	12 (7.9-16)	7.0 (4.7-9.4)	5.5 (3.6-7.3)	4.2 (2.8-5.7)	3.3 (2.2-4.4)	2.5 (1.7-3.4)
3	29 (21-40)	20 (13-28)	12 (8.1-18)	9.7 (6.3-14)	7.6 (4.9-11)	5.9 (3.8-8.8)	4.6 (2.9-6.8)
4	44 (33-56)	32 (24-43)	21 (16-29)	17 (12-24)	13 (9.5-19)	10 (7.4-15)	8.1 (5.8-12)
5	59 (54-68)	48 (42-56)	34 (30-41)	28 (24-33)	22 (19-27)	18 (15-22)	14 (12-17)
6	72	65	51	43	36	29	23

Age = 75 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	9.8	6.4	3.9	3.0	2.3	1.8	1.4
1	18 (13-29)	12 (8.6-20)	7.6 (5.5-13)	5.9 (4.2-10)	4.6 (3.3-7.9)	3.5 (2.5-6.1)	2.7 (1.9-4.8)
2	29 (18-44)	21 (13-33)	14 (8.2-23)	11 (6.4-19)	8.6 (4.9-15)	6.7 (3.8-11)	5.2 (2.9-8.9)
3	43 (27-60)	34 (21-49)	24 (14-37)	20 (11-31)	15 (8.5-25)	12 (6.6-20)	9.5 (5.1-15)
4	57 (40-70)	50 (33-64)	39 (24-54)	32 (19-46)	26 (15-38)	21 (12-31)	17 (9.1-25)
5	69 (55-77)	65 (48-74)	57 (38-66)	49 (31-59)	41 (25-50)	34 (20-42)	28 (16-35)
6	79	77	72	66	58	50	42

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

Age = 80 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	13	9.4	6.3	4.9	3.7	2.9	2.2
1	21 (16-35)	17 (12-28)	12 (8.4-20)	9.0 (6.5-16)	7.0 (5.0-12)	5.4 (3.8-9.6)	4.1 (2.9-7.4)
2	32 (22-49)	27 (17-42)	20 (12-32)	16 (9.7-26)	12 (7.5-21)	9.6 (5.7-16)	7.4 (4.4-13)
3	45 (30-60)	39 (25-54)	31 (18-47)	26 (14-39)	21 (11-32)	16 (8.7-26)	13 (6.7-21)
4	57 (40-69)	52 (35-64)	46 (29-59)	39 (23-51)	32 (18-43)	26 (14-36)	21 (11-30)
5	68 (53-75)	65 (49-73)	60 (42-69)	53 (35-62)	46 (29-55)	38 (23-47)	32 (18-40)
6	76	74	72	66	60	52	45

Age = 85 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	14	10	7.4	5.7	4.4	3.3	2.5
1	22 (16-36)	18 (13-30)	13 (9.5-23)	10 (7.3-18)	8.0 (5.6-14)	6.1 (4.3-11)	4.7 (3.3-8.5)
2	33 (23-50)	28 (18-44)	22 (14-36)	18 (11-29)	14 (8.4-23)	11 (6.4-18)	8.3 (4.9-14)
3	46 (31-61)	41 (26-56)	34 (21-49)	28 (16-41)	22 (13-34)	18 (9.7-28)	14 (7.5-22)
4	58 (41-69)	54 (36-66)	48 (30-60)	41 (24-53)	34 (19-45)	28 (15-38)	22 (12-31)
5	67 (54-74)	65 (50-73)	61 (44-70)	54 (37-63)	47 (30-56)	40 (24-49)	33 (19-42)
6	73	74	72	67	61	54	46

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

Age = 90 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	11	8.3	6.2	4.7	3.6	2.7	2.1
1	18 (13-30)	14 (10-25)	11 (7.7-19)	8.5 (5.9-15)	6.5 (4.5-12)	5.0 (3.4-9.1)	3.8 (2.6-6.9)
2	27 (18-43)	23 (15-37)	18 (11-30)	14 (8.7-24)	11 (6.7-19)	8.7 (5.1-15)	6.6 (3.9-12)
3	39 (25-54)	34 (21-48)	28 (17-42)	23 (13-35)	18 (10-28)	14 (7.8-23)	11 (5.9-18)
4	51 (34-63)	46 (30-59)	41 (25-53)	34 (20-46)	28 (15-38)	23 (12-32)	18 (9.2-26)
5	60 (47-67)	58 (42-66)	54 (37-63)	47 (30-56)	40 (24-49)	33 (19-42)	27 (15-35)
6	66	68	66	60	53	46	39