

**Bulgaria - The probabilities of a hip fracture in men**

The following tables give the 10-year probability (%) of a hip fracture according to the T-score for femoral neck BMD, 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.

Note that the BMI is set at 24 kg/m<sup>2</sup>

Age = 50 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	21	12	6.2	3.3	1.8	0.9	0.5	0.3	0.1	0.1	0.0
1	30 (22-39)	18 (12-23)	9.8 (6.5-13)	5.3 (3.5-7.0)	2.8 (1.9-3.7)	1.5 (1.0-2.0)	0.8 (0.5-1.0)	0.4 (0.3-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
2	43 (29-57)	26 (17-37)	15 (9.2-22)	8.2 (4.9-12)	4.4 (2.6-6.7)	2.3 (1.4-3.6)	1.2 (0.7-1.9)	0.7 (0.4-1.0)	0.3 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
3	56 (40-71)	37 (24-51)	22 (14-33)	13 (7.4-19)	6.8 (4.0-11)	3.7 (2.1-5.8)	1.9 (1.1-3.1)	1.0 (0.6-1.7)	0.5 (0.3-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.3)
4	69 (56-81)	50 (36-65)	32 (22-45)	19 (12-28)	10 (6.5-16)	5.6 (3.5-8.7)	3.0 (1.9-4.7)	1.6 (1.0-2.5)	0.9 (0.5-1.3)	0.5 (0.3-0.7)	0.3 (0.2-0.4)
5	80 (73-86)	64 (54-75)	44 (35-56)	27 (20-36)	16 (11-22)	8.5 (6.2-12)	4.6 (3.3-6.6)	2.5 (1.8-3.5)	1.3 (0.9-1.9)	0.7 (0.5-1.0)	0.4 (0.3-0.6)
6	87	76	57	38	23	13	6.9	3.7	2.0	1.1	0.6

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

Age = 55 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	18	10	5.9	3.3	1.8	1.0	0.5	0.3	0.2	0.1	0.1
1	26 (19-32)	16 (11-19)	9.0 (6.2-11)	5.0 (3.4-6.3)	2.8 (1.9-3.5)	1.5 (1.0-1.9)	0.8 (0.6-1.1)	0.5 (0.3-0.6)	0.3 (0.2-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.1)
2	37 (26-48)	23 (15-31)	13 (8.6-19)	7.7 (4.8-11)	4.3 (2.7-6.2)	2.4 (1.5-3.4)	1.3 (0.8-1.9)	0.7 (0.4-1.0)	0.4 (0.3-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
3	49 (36-61)	32 (22-43)	20 (13-28)	12 (7.3-17)	6.5 (4.0-9.7)	3.6 (2.2-5.5)	2.0 (1.2-3.1)	1.1 (0.7-1.7)	0.6 (0.4-1.0)	0.4 (0.2-0.5)	0.2 (0.1-0.3)
4	61 (50-72)	43 (33-56)	28 (20-39)	17 (12-24)	9.8 (6.5-14)	5.5 (3.6-8.2)	3.1 (2.0-4.6)	1.7 (1.1-2.6)	1.0 (0.6-1.5)	0.5 (0.4-0.8)	0.3 (0.2-0.5)
5	72 (65-79)	56 (48-66)	38 (31-49)	24 (19-32)	14 (11-20)	8.2 (6.3-11)	4.6 (3.5-6.5)	2.6 (2.0-3.6)	1.4 (1.1-2.1)	0.8 (0.6-1.2)	0.5 (0.4-0.7)
6	80	68	50	33	21	12	6.8	3.8	2.2	1.2	0.7

Age = 60 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	14	8.6	5.1	3.0	1.8	1.0	0.6	0.4	0.2	0.1	0.1
1	20 (15-24)	13 (9.0-15)	7.6 (5.4-9.1)	4.5 (3.2-5.4)	2.7 (1.9-3.2)	1.6 (1.1-1.9)	0.9 (0.6-1.1)	0.5 (0.4-0.6)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
2	29 (20-36)	18 (13-24)	11 (7.5-15)	6.8 (4.5-9.2)	4.0 (2.6-5.5)	2.4 (1.5-3.2)	1.4 (0.9-1.9)	0.8 (0.5-1.1)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)
3	38 (29-48)	26 (18-34)	16 (11-22)	10.0 (6.7-14)	6.0 (4.0-8.4)	3.5 (2.3-5.0)	2.1 (1.4-3.0)	1.2 (0.8-1.8)	0.7 (0.5-1.1)	0.4 (0.3-0.6)	0.3 (0.2-0.4)
4	49 (40-59)	35 (27-45)	23 (17-31)	14 (10-20)	8.8 (6.3-12)	5.2 (3.7-7.6)	3.1 (2.2-4.5)	1.8 (1.3-2.7)	1.1 (0.8-1.6)	0.7 (0.5-1.0)	0.4 (0.3-0.6)
5	60 (54-68)	45 (39-55)	31 (26-40)	20 (17-27)	13 (10-17)	7.7 (6.3-11)	4.6 (3.7-6.3)	2.7 (2.2-3.8)	1.6 (1.3-2.3)	1.0 (0.8-1.4)	0.6 (0.5-0.8)
6	69	56	41	28	18	11	6.7	4.0	2.4	1.5	0.9

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

Age = 65 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	12	7.4	4.7	2.9	1.8	1.1	0.7	0.4	0.3	0.2	0.1
1	16 (12-18)	11 (7.7-12)	6.8 (4.9-7.7)	4.3 (3.1-4.9)	2.7 (1.9-3.1)	1.7 (1.2-1.9)	1.0 (0.7-1.2)	0.6 (0.5-0.7)	0.4 (0.3-0.5)	0.3 (0.2-0.3)	0.2 (0.1-0.2)
2	23 (17-28)	15 (11-19)	9.8 (6.9-12)	6.2 (4.3-8.0)	3.9 (2.7-5.1)	2.5 (1.7-3.2)	1.5 (1.0-2.0)	1.0 (0.6-1.2)	0.6 (0.4-0.8)	0.4 (0.3-0.5)	0.3 (0.2-0.3)
3	30 (24-38)	21 (16-27)	14 (10-18)	8.9 (6.5-12)	5.7 (4.1-7.6)	3.6 (2.5-4.8)	2.2 (1.6-3.0)	1.4 (1.0-1.9)	0.9 (0.6-1.2)	0.6 (0.4-0.8)	0.4 (0.3-0.5)
4	39 (33-47)	28 (23-35)	19 (15-25)	13 (9.7-17)	8.1 (6.2-11)	5.2 (3.9-7.1)	3.3 (2.5-4.5)	2.1 (1.5-2.9)	1.3 (1.0-1.9)	0.9 (0.6-1.2)	0.5 (0.4-0.8)
5	48 (44-56)	36 (32-44)	26 (23-32)	17 (15-23)	11 (9.9-15)	7.4 (6.4-9.9)	4.7 (4.0-6.3)	3.0 (2.6-4.1)	1.9 (1.7-2.6)	1.2 (1.1-1.7)	0.8 (0.7-1.1)
6	57	45	34	24	16	10	6.6	4.3	2.8	1.8	1.2

Age = 70 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	10	7.1	4.8	3.2	2.1	1.4	0.9	0.6	0.4	0.3	0.2
1	16 (14-21)	11 (9.9-14)	7.5 (6.7-9.8)	5.0 (4.5-6.6)	3.4 (3.0-4.4)	2.2 (2.0-2.9)	1.5 (1.3-1.9)	1.0 (0.9-1.3)	0.7 (0.6-0.9)	0.5 (0.4-0.6)	0.3 (0.3-0.4)
2	23 (19-29)	17 (14-21)	12 (9.4-15)	7.9 (6.4-10)	5.3 (4.3-7.0)	3.6 (2.9-4.7)	2.4 (1.9-3.1)	1.6 (1.3-2.1)	1.1 (0.9-1.5)	0.7 (0.6-1.0)	0.5 (0.4-0.7)
3	33 (27-39)	24 (20-30)	17 (14-22)	12 (9.5-15)	8.3 (6.5-11)	5.6 (4.3-7.2)	3.8 (2.9-4.8)	2.6 (2.0-3.3)	1.7 (1.3-2.2)	1.2 (0.9-1.5)	0.8 (0.6-1.0)
4	43 (36-50)	34 (27-40)	25 (20-30)	18 (14-22)	13 (9.8-15)	8.7 (6.6-11)	5.9 (4.4-7.2)	4.0 (3.0-4.9)	2.8 (2.1-3.4)	1.9 (1.4-2.3)	1.3 (1.0-1.6)
5	54 (46-58)	44 (37-48)	35 (28-38)	26 (20-29)	19 (14-21)	13 (10-15)	9.1 (6.9-10)	6.3 (4.7-7.0)	4.4 (3.3-4.9)	3.0 (2.3-3.4)	2.1 (1.6-2.3)
6	63	55	45	36	27	20	14	9.7	6.8	4.8	3.3

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

Age = 75 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	10	7.2	5.1	3.6	2.5	1.8	1.2	0.9	0.6	0.5	0.3
1	17 (13-33)	13 (9.6-26)	9.3 (6.9-20)	6.7 (5.0-14)	4.8 (3.5-10)	3.4 (2.5-7.5)	2.4 (1.8-5.3)	1.7 (1.3-3.8)	1.3 (0.9-2.8)	0.9 (0.7-2.0)	0.6 (0.5-1.4)
2	26 (18-43)	21 (13-35)	16 (9.6-27)	12 (6.9-21)	8.4 (5.0-15)	6.0 (3.5-11)	4.3 (2.5-8.1)	3.1 (1.8-5.9)	2.3 (1.3-4.3)	1.7 (0.9-3.2)	1.2 (0.7-2.3)
3	37 (23-52)	30 (18-44)	24 (13-36)	18 (9.6-28)	14 (6.9-22)	10 (5.0-16)	7.3 (3.5-12)	5.4 (2.6-8.8)	4.0 (1.9-6.5)	2.9 (1.3-4.8)	2.1 (1.0-3.5)
4	49 (30-60)	42 (24-52)	34 (18-44)	27 (14-36)	21 (10.0-28)	16 (7.3-22)	12 (5.2-16)	8.9 (3.8-12)	6.6 (2.8-9.1)	4.8 (2.0-6.7)	3.5 (1.5-4.9)
5	61 (40-67)	53 (32-60)	46 (25-52)	38 (19-44)	31 (14-36)	24 (11-28)	18 (7.8-22)	14 (5.7-17)	11 (4.2-12)	7.9 (3.1-9.3)	5.8 (2.3-6.9)
6	71	65	58	50	42	34	27	21	16	12	9.3

Age = 80 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	9.1	6.9	5.2	3.9	2.9	2.2	1.6	1.2	0.9	0.7	0.5
1	15 (11-30)	12 (8.8-25)	9.2 (6.7-19)	7.0 (5.1-15)	5.3 (3.8-12)	4.0 (2.8-8.8)	3.0 (2.1-6.7)	2.3 (1.6-5.2)	1.8 (1.2-4.0)	1.3 (0.9-3.0)	1.0 (0.7-2.3)
2	23 (15-40)	19 (11-33)	15 (8.7-27)	12 (6.6-21)	9.0 (5.0-17)	6.8 (3.7-13)	5.2 (2.8-9.9)	4.0 (2.2-7.7)	3.1 (1.7-6.0)	2.4 (1.3-4.6)	1.8 (1.0-3.5)
3	33 (19-48)	28 (15-41)	22 (12-34)	18 (9.1-28)	14 (6.9-23)	11 (5.2-18)	8.5 (4.0-14)	6.7 (3.1-11)	5.2 (2.4-8.7)	4.0 (1.8-6.8)	3.1 (1.4-5.3)
4	44 (25-55)	38 (20-49)	32 (16-42)	26 (13-36)	21 (9.6-29)	17 (7.4-24)	13 (5.6-19)	11 (4.4-15)	8.3 (3.4-12)	6.5 (2.6-9.4)	5.1 (2.0-7.3)
5	55 (34-61)	49 (28-55)	42 (22-49)	36 (18-42)	30 (14-35)	24 (11-29)	20 (8.3-23)	16 (6.5-19)	13 (5.1-15)	10 (4.0-12)	8.0 (3.1-9.5)
6	65	60	54	47	40	34	28	23	19	15	12

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

Age = 85 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	7.5	5.9	4.6	3.6	2.8	2.2	1.7	1.4	1.1	0.9	0.7
1	13 (9.7-26)	10 (7.7-22)	8.3 (6.1-18)	6.6 (4.8-14)	5.2 (3.7-11)	4.1 (2.9-9.1)	3.3 (2.3-7.3)	2.6 (1.8-5.9)	2.1 (1.5-4.7)	1.7 (1.2-3.8)	1.4 (0.9-3.1)
2	20 (12-35)	17 (9.9-30)	14 (7.9-25)	11 (6.2-20)	8.9 (4.9-17)	7.0 (3.9-13)	5.7 (3.1-11)	4.6 (2.5-8.7)	3.7 (2.0-7.1)	3.0 (1.6-5.7)	2.4 (1.3-4.6)
3	30 (17-44)	25 (14-38)	21 (11-32)	17 (8.6-27)	14 (6.8-23)	11 (5.4-19)	9.2 (4.3-15)	7.6 (3.5-13)	6.2 (2.8-10)	5.0 (2.3-8.4)	4.1 (1.8-6.8)
4	40 (22-52)	35 (18-46)	30 (15-40)	25 (12-35)	21 (9.7-29)	17 (7.7-24)	14 (6.2-20)	12 (5.0-17)	9.8 (4.1-14)	8.1 (3.3-12)	6.6 (2.7-9.5)
5	51 (30-58)	46 (25-52)	41 (21-47)	35 (17-41)	30 (14-35)	25 (11-30)	21 (9.1-25)	18 (7.5-21)	15 (6.1-18)	12 (5.0-15)	10 (4.0-12)
6	61	57	52	46	41	35	30	26	22	19	16

Age = 90 years

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	4.7	3.8	3.1	2.6	2.1	1.7	1.4	1.2	1.0	0.8	0.7
1	8.3 (6.1-18)	6.9 (5.0-15)	5.7 (4.1-12)	4.7 (3.3-10)	3.9 (2.7-8.6)	3.2 (2.2-7.1)	2.7 (1.9-5.9)	2.2 (1.6-5.0)	1.9 (1.3-4.2)	1.6 (1.1-3.6)	1.3 (0.9-3.0)
2	14 (7.9-25)	12 (6.5-21)	9.6 (5.4-18)	8.0 (4.4-15)	6.6 (3.6-13)	5.5 (3.0-10)	4.6 (2.5-8.8)	3.9 (2.1-7.5)	3.3 (1.8-6.3)	2.8 (1.5-5.4)	2.3 (1.2-4.5)
3	21 (11-32)	18 (9.0-28)	15 (7.5-24)	13 (6.2-21)	11 (5.1-18)	9.0 (4.2-15)	7.6 (3.5-13)	6.5 (2.9-11)	5.5 (2.5-9.2)	4.7 (2.1-7.8)	3.9 (1.8-6.6)
4	30 (15-40)	26 (13-36)	23 (11-31)	20 (8.8-27)	17 (7.3-23)	14 (6.0-20)	12 (5.1-17)	10 (4.3-15)	8.8 (3.6-13)	7.5 (3.1-11)	6.4 (2.6-9.2)
5	41 (21-47)	36 (18-42)	32 (15-37)	28 (13-33)	24 (11-29)	21 (8.9-25)	18 (7.5-21)	16 (6.4-19)	14 (5.4-16)	12 (4.6-14)	10.0 (3.9-12)
6	52	47	43	39	34	30	26	23	20	18	15