

Slovakia - 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 Slovakia. 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	0.7	0.4	0.2	0.2	0.2	0.1	0.1
1	1.5 (1.0-2.9)	0.9 (0.6-1.7)	0.5 (0.3-1.0)	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	2.8 (1.4-5.6)	1.7 (0.8-3.4)	0.9 (0.5-2.0)	0.7 (0.4-1.5)	0.6 (0.3-1.2)	0.4 (0.2-0.9)	0.3 (0.2-0.7)
3	5.0 (2.1-9.6)	3.1 (1.2-6.0)	1.8 (0.7-3.5)	1.4 (0.6-2.7)	1.1 (0.4-2.1)	0.8 (0.3-1.6)	0.6 (0.3-1.3)
4	8.8 (3.7-14)	5.5 (2.2-8.9)	3.2 (1.3-5.3)	2.5 (1.0-4.1)	1.9 (0.8-3.2)	1.5 (0.6-2.5)	1.1 (0.5-1.9)
5	15 (6.8-19)	9.4 (4.3-12)	5.7 (2.6-7.5)	4.4 (2.0-5.9)	3.4 (1.5-4.6)	2.6 (1.2-3.5)	2.0 (0.9-2.7)
6	24	16	9.8	7.6	5.9	4.6	3.6

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

Age = 55 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.1	0.7	0.4	0.3	0.2	0.2	0.1
1	2.1 (1.4-3.7)	1.3 (0.9-2.2)	0.7 (0.5-1.3)	0.6 (0.4-1.0)	0.4 (0.3-0.8)	0.3 (0.2-0.6)	0.3 (0.2-0.5)
2	3.7 (2.0-6.8)	2.3 (1.2-4.3)	1.4 (0.7-2.6)	1.0 (0.6-2.0)	0.8 (0.4-1.6)	0.6 (0.3-1.2)	0.5 (0.3-0.9)
3	6.4 (3.0-12)	4.1 (1.9-7.5)	2.4 (1.1-4.6)	1.9 (0.9-3.5)	1.5 (0.7-2.7)	1.1 (0.5-2.1)	0.9 (0.4-1.6)
4	11 (5.3-17)	7.1 (3.3-11)	4.3 (2.0-6.9)	3.3 (1.5-5.3)	2.6 (1.2-4.1)	2.0 (0.9-3.2)	1.5 (0.7-2.5)
5	17 (9.3-22)	12 (6.2-15)	7.4 (3.9-9.6)	5.8 (3.0-7.5)	4.5 (2.3-5.8)	3.4 (1.8-4.5)	2.7 (1.4-3.5)
6	27	19	12	9.7	7.5	5.8	4.5

Age = 60 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.6	1.0	0.6	0.5	0.4	0.3	0.2
1	2.7 (2.0-4.5)	1.8 (1.3-2.8)	1.1 (0.8-1.7)	0.8 (0.6-1.3)	0.6 (0.5-1.0)	0.5 (0.4-0.8)	0.4 (0.3-0.6)
2	4.7 (2.7-7.8)	3.1 (1.8-5.3)	1.9 (1.1-3.3)	1.5 (0.8-2.6)	1.1 (0.6-2.0)	0.9 (0.5-1.5)	0.7 (0.4-1.2)
3	7.8 (4.1-13)	5.2 (2.7-9.1)	3.3 (1.7-5.8)	2.5 (1.3-4.5)	1.9 (1.0-3.4)	1.5 (0.8-2.6)	1.1 (0.6-2.0)
4	13 (6.9-19)	8.7 (4.7-13)	5.6 (2.9-8.7)	4.3 (2.3-6.7)	3.3 (1.7-5.2)	2.6 (1.3-4.0)	2.0 (1.0-3.1)
5	19 (12-24)	14 (8.4-17)	9.3 (5.5-12)	7.2 (4.3-9.1)	5.6 (3.3-7.1)	4.3 (2.5-5.5)	3.3 (1.9-4.2)
6	29	22	15	12	9.2	7.1	5.5

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

Age = 65 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	2.3	1.5	0.9	0.7	0.6	0.4	0.3
1	3.7 (2.9-5.5)	2.6 (2.0-3.7)	1.6 (1.2-2.3)	1.2 (1.0-1.8)	1.0 (0.7-1.4)	0.7 (0.6-1.1)	0.6 (0.4-0.8)
2	6.0 (3.7-9.4)	4.2 (2.6-6.5)	2.8 (1.7-4.4)	2.1 (1.3-3.4)	1.6 (1.0-2.6)	1.2 (0.8-2.0)	0.9 (0.6-1.5)
3	9.5 (5.6-15)	6.9 (4.0-11)	4.6 (2.6-7.6)	3.5 (2.0-5.8)	2.7 (1.5-4.5)	2.1 (1.2-3.4)	1.6 (0.9-2.6)
4	14 (8.8-21)	11 (6.7-16)	7.5 (4.6-11)	5.8 (3.5-8.7)	4.5 (2.7-6.8)	3.4 (2.1-5.2)	2.6 (1.6-4.0)
5	21 (15-26)	17 (11-20)	12 (8.1-15)	9.3 (6.3-11)	7.2 (4.8-8.8)	5.5 (3.7-6.8)	4.2 (2.8-5.2)
6	30	25	19	15	11	8.8	6.8

Age = 70 years

Number of CRFs	BMI (kg/m ²)						
	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 (4.0-6.9)	4.2 (3.1-5.1)	2.8 (2.1-3.4)	2.2 (1.6-2.6)	1.6 (1.2-2.0)	1.3 (0.9-1.5)	1.0 (0.7-1.2)
2	9.3 (6.0-14)	7.1 (4.6-10)	4.9 (3.2-7.1)	3.8 (2.5-5.4)	2.9 (1.9-4.2)	2.2 (1.4-3.2)	1.7 (1.1-2.4)
3	15 (8.9-22)	12 (7.3-17)	8.4 (5.5-12)	6.5 (4.2-9.4)	5.0 (3.2-7.2)	3.8 (2.4-5.6)	2.9 (1.8-4.3)
4	22 (15-31)	18 (12-26)	14 (9.4-20)	11 (7.2-16)	8.4 (5.5-12)	6.5 (4.2-9.5)	4.9 (3.2-7.3)
5	32 (27-40)	28 (23-35)	22 (18-28)	18 (14-23)	14 (11-18)	11 (8.6-14)	8.2 (6.6-11)
6	43	39	33	27	22	17	13

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

Age = 75 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	4.9	3.8	2.7	2.1	1.6	1.2	0.9
1	8.7 (5.7-15)	6.9 (4.6-12)	5.1 (3.5-9.0)	3.9 (2.6-6.9)	3.0 (2.0-5.3)	2.3 (1.5-4.1)	1.7 (1.1-3.1)
2	15 (8.1-25)	12 (6.9-20)	9.2 (5.2-16)	7.1 (4.0-12)	5.4 (3.0-9.4)	4.1 (2.3-7.2)	3.1 (1.7-5.5)
3	23 (12-36)	19 (10-32)	16 (8.2-25)	12 (6.3-20)	9.5 (4.8-16)	7.3 (3.6-12)	5.6 (2.7-9.5)
4	33 (19-46)	29 (16-41)	25 (14-36)	20 (11-29)	16 (8.1-24)	12 (6.2-19)	9.5 (4.7-15)
5	45 (29-54)	41 (26-51)	37 (23-46)	30 (18-39)	25 (14-32)	20 (11-26)	16 (8.3-21)
6	57	54	50	43	36	30	24

Age = 80 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	6.8	5.4	4.0	3.1	2.3	1.8	1.3
1	12 (7.8-20)	9.5 (6.5-17)	7.3 (5.1-13)	5.6 (3.8-10)	4.3 (2.9-7.8)	3.2 (2.2-6.0)	2.5 (1.6-4.6)
2	18 (11-31)	16 (9.4-27)	13 (7.5-21)	9.7 (5.8-17)	7.5 (4.4-13)	5.7 (3.3-10)	4.4 (2.5-7.8)
3	27 (16-40)	24 (14-36)	20 (11-31)	16 (8.7-25)	12 (6.7-20)	9.6 (5.1-15)	7.4 (3.8-12)
4	38 (22-50)	34 (20-46)	30 (17-41)	24 (13-34)	20 (10-28)	15 (7.7-22)	12 (5.8-18)
5	49 (33-58)	46 (30-55)	42 (26-51)	35 (21-44)	29 (17-37)	23 (13-30)	19 (9.9-25)
6	60	57	54	47	40	34	28

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

Age = 85 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	8.1	6.4	4.7	3.6	2.7	2.1	1.6
1	14 (9.6-24)	11 (7.7-20)	8.5 (5.9-15)	6.5 (4.5-12)	5.0 (3.4-9.1)	3.8 (2.6-7.0)	2.9 (1.9-5.3)
2	22 (14-36)	18 (11-30)	14 (8.8-24)	11 (6.7-19)	8.7 (5.1-15)	6.7 (3.9-12)	5.1 (2.9-9.1)
3	32 (20-46)	28 (16-41)	23 (13-35)	18 (10-28)	14 (7.8-23)	11 (5.9-18)	8.6 (4.5-14)
4	44 (28-56)	39 (24-51)	34 (20-46)	28 (15-38)	23 (12-32)	18 (9.1-26)	14 (7.0-20)
5	55 (40-63)	52 (35-60)	47 (30-56)	40 (24-49)	33 (19-42)	27 (15-35)	22 (12-28)
6	64	63	60	53	46	39	32

Age = 90 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	7.1	5.7	4.3	3.3	2.5	1.9	1.4
1	12 (8.4-21)	9.9 (6.7-18)	7.8 (5.3-14)	5.9 (4.0-11)	4.5 (3.0-8.3)	3.4 (2.3-6.3)	2.6 (1.7-4.8)
2	19 (12-32)	16 (10-27)	13 (7.9-23)	10 (6.0-18)	7.8 (4.6-14)	6.0 (3.5-11)	4.6 (2.6-8.2)
3	29 (17-42)	25 (15-37)	21 (12-32)	17 (9.1-26)	13 (7.0-20)	10 (5.3-16)	7.7 (4.0-12)
4	40 (24-52)	36 (21-47)	31 (17-42)	25 (14-35)	20 (10-29)	16 (8.0-23)	13 (6.1-18)
5	51 (36-59)	48 (32-56)	43 (27-52)	36 (22-45)	30 (17-38)	24 (13-31)	19 (10-25)
6	59	59	56	49	42	35	29