

**Slovakia - The probabilities of a hip fracture in women**

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 Slovakia. 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	11	6.0	3.1	1.6	0.8	0.4	0.2	0.1	0.1	0.0	
1	32 (22-40)	18 (12-23)	9.6 (6.3-12)	5.0 (3.3-6.5)	2.6 (1.7-3.4)	1.3 (0.9-1.7)	0.7 (0.4-0.9)	0.4 (0.2-0.5)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)	
2	45 (30-61)	27 (17-38)	15 (8.8-22)	7.9 (4.6-12)	4.1 (2.4-6.3)	2.1 (1.2-3.2)	1.1 (0.6-1.7)	0.6 (0.3-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	
3	61 (42-79)	39 (24-57)	23 (13-35)	12 (6.9-20)	6.5 (3.6-11)	3.3 (1.9-5.5)	1.7 (0.9-2.9)	0.9 (0.5-1.5)	0.5 (0.3-0.8)	0.3 (0.1-0.4)	0.1 (0.1-0.2)	
4	76 (61-90)	53 (38-71)	33 (22-48)	19 (12-28)	10 (6.2-16)	5.2 (3.2-8.3)	2.7 (1.6-4.3)	1.4 (0.9-2.3)	0.8 (0.5-1.2)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	
5	88 (81-94)	69 (59-82)	46 (37-60)	27 (21-38)	15 (11-22)	8.1 (5.9-12)	4.2 (3.1-6.1)	2.2 (1.6-3.2)	1.2 (0.9-1.7)	0.6 (0.5-0.9)	0.3 (0.2-0.5)	
6	95	84	62	39	23	12	6.4	3.4	1.8	1.0	0.5	

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

**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	20	11	6.1	3.3	1.8	1.0	0.5	0.3	0.2	0.1	0.1
1	29 (20-35)	17 (12-21)	9.5 (6.4-12)	5.2 (3.5-6.4)	2.8 (1.9-3.5)	1.5 (1.0-1.9)	0.8 (0.5-1.0)	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	42 (28-55)	25 (16-35)	15 (9.0-21)	8.1 (4.9-12)	4.5 (2.7-6.5)	2.4 (1.4-3.5)	1.3 (0.8-1.9)	0.7 (0.4-1.1)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
3	56 (39-73)	36 (23-52)	22 (13-33)	12 (7.4-19)	6.9 (4.0-11)	3.8 (2.2-6.0)	2.0 (1.2-3.3)	1.1 (0.7-1.8)	0.6 (0.4-1.0)	0.4 (0.2-0.6)	0.2 (0.1-0.3)
4	71 (57-85)	50 (37-67)	32 (22-45)	19 (12-28)	11 (6.9-16)	5.8 (3.8-9.0)	3.2 (2.0-4.9)	1.8 (1.1-2.8)	1.0 (0.6-1.6)	0.5 (0.4-0.9)	0.3 (0.2-0.5)
5	84 (78-92)	65 (57-78)	44 (37-57)	27 (22-37)	16 (12-22)	8.8 (6.9-13)	4.8 (3.8-6.9)	2.7 (2.1-3.9)	1.5 (1.2-2.2)	0.8 (0.7-1.2)	0.5 (0.4-0.7)
6	92	80	59	38	23	13	7.3	4.1	2.3	1.3	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	18	11	6.1	3.5	1.9	1.1	0.6	0.4	0.2	0.1	0.1
1	27 (19-31)	16 (11-19)	9.4 (6.4-11)	5.4 (3.6-6.3)	3.0 (2.0-3.6)	1.7 (1.1-2.0)	1.0 (0.7-1.1)	0.6 (0.4-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
2	38 (26-49)	24 (16-32)	14 (9.0-19)	8.2 (5.1-11)	4.7 (2.9-6.4)	2.6 (1.6-3.6)	1.5 (0.9-2.1)	0.9 (0.5-1.2)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)
3	52 (37-67)	34 (23-47)	21 (13-30)	12 (7.7-18)	7.1 (4.4-11)	4.0 (2.5-6.1)	2.3 (1.4-3.5)	1.3 (0.8-2.1)	0.8 (0.5-1.2)	0.4 (0.3-0.7)	0.3 (0.2-0.4)
4	66 (54-80)	46 (36-61)	30 (22-42)	18 (13-27)	11 (7.4-16)	6.1 (4.2-9.2)	3.5 (2.4-5.3)	2.0 (1.4-3.1)	1.2 (0.8-1.8)	0.7 (0.5-1.1)	0.4 (0.3-0.6)
5	79 (74-88)	61 (54-73)	42 (36-54)	26 (22-35)	16 (13-22)	9.1 (7.5-13)	5.3 (4.3-7.5)	3.1 (2.5-4.4)	1.8 (1.5-2.6)	1.0 (0.9-1.5)	0.6 (0.5-0.9)
6	88	75	55	37	23	13	7.9	4.6	2.7	1.6	0.9

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

**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	19	11	6.8	4.0	2.3	1.4	0.8	0.5	0.3	0.2	0.1
1	27 (20-31)	17 (12-20)	10 (7.1-12)	6.1 (4.2-7.2)	3.6 (2.5-4.3)	2.1 (1.4-2.5)	1.3 (0.9-1.5)	0.8 (0.5-0.9)	0.5 (0.3-0.6)	0.3 (0.2-0.3)	0.2 (0.1-0.2)
2	38 (27-46)	24 (17-31)	15 (10-19)	9.1 (5.9-12)	5.4 (3.5-7.0)	3.2 (2.0-4.2)	1.9 (1.2-2.5)	1.2 (0.7-1.5)	0.7 (0.4-0.9)	0.4 (0.3-0.6)	0.3 (0.2-0.3)
3	50 (37-62)	34 (24-45)	22 (15-30)	13 (8.9-19)	8.0 (5.3-11)	4.7 (3.1-6.9)	2.9 (1.9-4.2)	1.7 (1.1-2.6)	1.1 (0.7-1.5)	0.6 (0.4-0.9)	0.4 (0.2-0.6)
4	63 (53-75)	46 (37-59)	30 (24-41)	19 (14-27)	12 (8.7-17)	7.0 (5.1-10)	4.3 (3.1-6.3)	2.6 (1.9-3.9)	1.6 (1.1-2.4)	1.0 (0.7-1.4)	0.6 (0.4-0.9)
5	75 (70-83)	58 (53-70)	41 (36-52)	27 (23-36)	17 (14-23)	10 (8.5-14)	6.4 (5.2-8.9)	3.9 (3.2-5.5)	2.4 (1.9-3.3)	1.4 (1.2-2.0)	0.9 (0.7-1.2)
6	84	71	54	37	24	15	9.3	5.7	3.5	2.1	1.3

**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	20	13	8.1	5.0	3.1	1.9	1.2	0.8	0.5	0.3	0.2
1	31 (27-38)	21 (18-26)	13 (11-17)	8.2 (7.0-10)	5.1 (4.3-6.4)	3.2 (2.7-4.0)	2.0 (1.7-2.5)	1.3 (1.1-1.6)	0.8 (0.7-1.0)	0.5 (0.4-0.6)	0.3 (0.3-0.4)
2	45 (38-55)	31 (26-40)	21 (17-27)	13 (11-18)	8.3 (6.5-11)	5.2 (4.1-7.1)	3.3 (2.6-4.5)	2.1 (1.6-2.9)	1.3 (1.0-1.8)	0.8 (0.6-1.2)	0.5 (0.4-0.7)
3	61 (52-69)	45 (37-54)	32 (24-39)	21 (16-27)	13 (9.9-17)	8.5 (6.2-11)	5.5 (4.0-7.3)	3.5 (2.5-4.7)	2.2 (1.6-3.0)	1.4 (1.0-1.9)	0.9 (0.6-1.2)
4	74 (66-79)	61 (51-67)	45 (36-52)	32 (24-38)	21 (16-25)	14 (10-17)	8.9 (6.5-11)	5.7 (4.1-7.2)	3.7 (2.6-4.6)	2.3 (1.7-2.9)	1.5 (1.0-1.9)
5	83 (78-85)	74 (67-77)	61 (52-65)	46 (38-50)	32 (26-36)	21 (17-24)	14 (11-16)	9.3 (7.2-11)	6.0 (4.6-6.9)	3.8 (3.0-4.4)	2.4 (1.9-2.8)
6	88	83	74	61	46	32	22	15	9.7	6.2	4.0

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

**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	22	15	9.8	6.4	4.1	2.7	1.8	1.2	0.8	0.5	0.3
1	36 (30-61)	26 (20-48)	18 (14-35)	12 (8.9-25)	8.0 (5.8-17)	5.3 (3.8-11)	3.6 (2.5-7.6)	2.4 (1.7-5.1)	1.6 (1.1-3.4)	1.0 (0.7-2.2)	0.7 (0.5-1.5)
2	52 (39-73)	40 (27-63)	30 (19-50)	21 (12-37)	14 (8.1-26)	9.8 (5.4-19)	6.6 (3.6-13)	4.5 (2.4-8.8)	3.0 (1.6-5.9)	2.0 (1.1-3.9)	1.3 (0.7-2.6)
3	66 (51-81)	56 (38-73)	44 (27-62)	33 (18-49)	24 (12-37)	17 (8.1-27)	12 (5.5-19)	8.0 (3.6-13)	5.4 (2.4-9.1)	3.6 (1.6-6.2)	2.4 (1.1-4.2)
4	77 (63-85)	70 (50-80)	60 (38-72)	48 (27-61)	37 (18-48)	27 (13-37)	20 (8.6-27)	14 (5.8-19)	9.4 (3.9-14)	6.3 (2.6-9.2)	4.2 (1.7-6.3)
5	84 (72-88)	80 (63-84)	73 (51-79)	64 (39-70)	52 (28-58)	41 (20-47)	31 (14-36)	22 (9.7-26)	16 (6.6-19)	11 (4.4-13)	7.3 (3.0-8.8)
6	88	86	82	76	68	57	45	34	25	18	12

**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	21	15	10	7.1	4.9	3.4	2.4	1.7	1.2	0.8	0.6
1	34 (27-58)	25 (19-47)	18 (13-36)	13 (9.2-27)	9.2 (6.4-19)	6.5 (4.5-14)	4.6 (3.1-9.9)	3.2 (2.2-7.0)	2.3 (1.5-4.9)	1.6 (1.1-3.4)	1.1 (0.7-2.4)
2	48 (35-69)	38 (26-60)	29 (18-49)	22 (13-39)	16 (8.9-29)	12 (6.3-22)	8.3 (4.4-16)	5.9 (3.1-12)	4.2 (2.2-8.3)	2.9 (1.5-5.8)	2.0 (1.0-4.1)
3	61 (45-76)	52 (35-70)	43 (26-61)	33 (18-50)	25 (13-40)	19 (9.4-31)	14 (6.7-23)	10 (4.7-17)	7.3 (3.3-12)	5.2 (2.3-8.8)	3.6 (1.6-6.2)
4	72 (55-81)	65 (46-76)	57 (35-69)	47 (26-60)	38 (19-49)	30 (14-40)	23 (10-32)	17 (7.1-24)	12 (5.0-18)	8.7 (3.5-13)	6.2 (2.5-9.3)
5	80 (65-84)	75 (57-80)	69 (47-75)	61 (37-67)	52 (28-59)	43 (21-50)	34 (16-40)	26 (11-32)	19 (8.2-24)	14 (5.9-18)	10 (4.1-13)
6	84	82	78	72	65	57	48	38	30	22	16

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

**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	16	12	8.6	6.1	4.5	3.3	2.5	1.8	1.3	1.0	0.7
1	27 (21-49)	20 (15-39)	15 (11-31)	11 (8.0-23)	8.5 (5.9-18)	6.3 (4.4-14)	4.7 (3.2-10)	3.5 (2.4-7.6)	2.6 (1.7-5.6)	1.9 (1.3-4.1)	1.4 (0.9-3.0)
2	39 (27-60)	32 (21-51)	25 (15-42)	19 (11-34)	15 (8.3-27)	11 (6.1-21)	8.4 (4.5-16)	6.3 (3.3-12)	4.7 (2.5-9.1)	3.4 (1.8-6.8)	2.5 (1.3-5.0)
3	53 (35-70)	45 (28-62)	37 (21-54)	29 (16-44)	23 (12-36)	18 (8.9-29)	14 (6.7-23)	11 (5.0-18)	8.0 (3.7-13)	6.0 (2.7-10)	4.4 (2.0-7.5)
4	65 (46-76)	58 (37-70)	50 (29-63)	42 (22-54)	34 (17-46)	28 (13-38)	22 (10-30)	17 (7.5-24)	13 (5.6-19)	10 (4.1-14)	7.5 (3.0-11)
5	75 (57-79)	69 (48-75)	63 (40-69)	55 (32-62)	48 (25-54)	40 (20-47)	33 (15-39)	26 (12-32)	21 (8.8-25)	16 (6.6-20)	12 (4.9-15)
6	80	78	74	68	61	54	46	38	31	25	19

**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	9.8	7.4	5.6	4.3	3.4	2.6	2.1	1.6	1.2	1.0	0.7
1	17 (13-33)	13 (9.6-27)	10 (7.3-21)	7.9 (5.6-17)	6.3 (4.4-14)	5.0 (3.5-11)	3.9 (2.7-8.5)	3.0 (2.1-6.7)	2.4 (1.6-5.3)	1.8 (1.3-4.1)	1.4 (1.0-3.2)
2	26 (17-44)	21 (13-36)	17 (10-30)	13 (7.7-24)	11 (6.1-20)	8.6 (4.8-16)	6.8 (3.8-13)	5.4 (3.0-10)	4.2 (2.3-8.2)	3.3 (1.8-6.4)	2.6 (1.4-5.1)
3	38 (22-54)	32 (18-47)	26 (14-40)	21 (11-33)	17 (8.5-28)	14 (6.8-23)	11 (5.3-19)	9.1 (4.2-15)	7.2 (3.3-12)	5.7 (2.6-9.6)	4.5 (2.0-7.6)
4	50 (30-62)	43 (24-56)	37 (20-49)	31 (16-42)	26 (13-36)	22 (10-30)	18 (8.0-25)	15 (6.3-20)	12 (5.0-16)	9.3 (3.9-13)	7.4 (3.0-10)
5	62 (40-68)	56 (33-62)	49 (27-56)	43 (22-49)	37 (18-43)	32 (15-37)	27 (12-32)	22 (9.5-26)	18 (7.5-22)	15 (6.0-18)	12 (4.7-14)
6	71	67	62	56	50	44	38	32	27	22	18