

**Slovakia - 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/m<sup>2</sup>), 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 <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.4	0.8	0.4	0.3	0.2	0.2	0.2
1	2.8 (1.8-5.4)	1.5 (1.0-3.0)	0.8 (0.5-1.6)	0.6 (0.4-1.2)	0.5 (0.3-1.0)	0.4 (0.3-0.8)	0.3 (0.2-0.6)
2	5.4 (2.7-11)	3.0 (1.5-6.3)	1.6 (0.8-3.4)	1.2 (0.6-2.7)	1.0 (0.5-2.1)	0.8 (0.4-1.6)	0.6 (0.3-1.3)
3	9.9 (4.1-19)	5.5 (2.3-11)	3.0 (1.2-6.0)	2.4 (0.9-4.7)	1.8 (0.7-3.6)	1.4 (0.6-2.8)	1.1 (0.4-2.2)
4	18 (7.2-28)	10 (4.0-16)	5.5 (2.1-9.0)	4.3 (1.7-7.0)	3.4 (1.3-5.5)	2.6 (1.0-4.3)	2.1 (0.8-3.4)
5	29 (15-38)	17 (8.3-23)	9.8 (4.6-13)	7.7 (3.6-10)	6.1 (2.8-8.2)	4.7 (2.2-6.4)	3.7 (1.7-5.0)
6	47	29	17	13	11	8.3	6.5

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

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.2	1.2	0.6	0.5	0.4	0.3	0.2
1	4.2 (2.9-7.3)	2.3 (1.6-4.0)	1.3 (0.9-2.2)	1.0 (0.7-1.7)	0.8 (0.5-1.3)	0.6 (0.4-1.0)	0.5 (0.3-0.8)
2	7.7 (4.3-15)	4.3 (2.3-8.4)	2.4 (1.3-4.6)	1.8 (1.0-3.6)	1.4 (0.8-2.8)	1.1 (0.6-2.2)	0.9 (0.5-1.7)
3	14 (6.4-25)	7.8 (3.6-14)	4.3 (1.9-8.1)	3.4 (1.5-6.3)	2.6 (1.2-4.9)	2.0 (0.9-3.8)	1.6 (0.7-3.0)
4	23 (11-35)	14 (6.2-21)	7.7 (3.4-12)	6.0 (2.7-9.5)	4.7 (2.1-7.4)	3.7 (1.6-5.8)	2.9 (1.3-4.5)
5	37 (22-47)	23 (13-30)	13 (7.2-18)	11 (5.6-14)	8.3 (4.4-11)	6.5 (3.4-8.6)	5.1 (2.7-6.7)
6	56	37	22	18	14	11	8.8

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.4	1.9	1.0	0.8	0.6	0.5	0.4
1	6.1 (4.4-9.5)	3.4 (2.5-5.4)	1.9 (1.3-3.0)	1.5 (1.0-2.3)	1.1 (0.8-1.8)	0.9 (0.6-1.4)	0.7 (0.5-1.1)
2	11 (6.5-19)	6.2 (3.6-11)	3.4 (2.0-6.2)	2.7 (1.6-4.8)	2.1 (1.2-3.8)	1.6 (0.9-2.9)	1.3 (0.7-2.3)
3	18 (9.7-31)	11 (5.5-19)	6.1 (3.1-11)	4.7 (2.4-8.4)	3.7 (1.8-6.6)	2.9 (1.4-5.1)	2.2 (1.1-4.0)
4	30 (16-42)	18 (9.5-27)	11 (5.3-16)	8.3 (4.2-13)	6.5 (3.2-9.9)	5.0 (2.5-7.7)	3.9 (2.0-6.0)
5	45 (31-54)	29 (19-37)	18 (11-23)	14 (8.6-18)	11 (6.7-14)	8.7 (5.3-11)	6.8 (4.1-8.8)
6	63	45	29	23	18	15	11

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	5.5	3.1	1.7	1.4	1.1	0.8	0.6
1	9.4 (7.1-13)	5.5 (4.1-7.6)	3.1 (2.3-4.3)	2.4 (1.8-3.3)	1.9 (1.4-2.6)	1.4 (1.1-2.0)	1.1 (0.8-1.6)
2	16 (10-24)	9.4 (5.9-15)	5.4 (3.4-8.8)	4.2 (2.6-6.9)	3.2 (2.0-5.4)	2.5 (1.6-4.2)	2.0 (1.2-3.2)
3	25 (15-38)	16 (8.9-25)	9.1 (5.1-15)	7.1 (4.0-12)	5.6 (3.1-9.3)	4.3 (2.4-7.3)	3.4 (1.9-5.7)
4	38 (25-51)	25 (15-35)	15 (8.9-22)	12 (6.9-17)	9.4 (5.4-14)	7.4 (4.2-11)	5.7 (3.3-8.5)
5	53 (42-61)	38 (28-46)	24 (17-30)	20 (14-24)	15 (11-19)	12 (8.5-15)	9.6 (6.6-12)
6	69	54	38	31	25	20	16

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	8.9	5.4	3.1	2.4	1.9	1.4	1.1
1	15 (12-18)	9.6 (7.6-11)	5.7 (4.5-6.6)	4.4 (3.5-5.1)	3.4 (2.7-4.0)	2.6 (2.1-3.1)	2.0 (1.6-2.4)
2	25 (18-34)	17 (11-22)	10 (6.8-13)	7.9 (5.3-11)	6.2 (4.1-8.3)	4.8 (3.2-6.5)	3.7 (2.5-5.0)
3	39 (29-51)	28 (19-38)	18 (12-25)	14 (9.1-20)	11 (7.1-16)	8.5 (5.6-13)	6.6 (4.3-9.9)
4	55 (44-67)	43 (33-55)	29 (22-40)	23 (17-33)	19 (14-26)	15 (11-21)	12 (8.3-17)
5	69 (64-76)	60 (54-68)	45 (40-53)	38 (33-45)	31 (26-37)	25 (21-30)	20 (17-24)
6	79	75	64	55	47	39	32

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

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	14	8.9	5.5	4.2	3.3	2.5	2.0
1	24 (17-37)	16 (12-27)	11 (7.7-18)	8.2 (5.9-14)	6.4 (4.6-11)	5.0 (3.5-8.6)	3.8 (2.7-6.7)
2	37 (24-54)	28 (17-42)	19 (11-31)	15 (8.9-25)	12 (6.9-20)	9.3 (5.3-16)	7.2 (4.1-12)
3	52 (35-69)	43 (28-59)	32 (19-47)	26 (15-40)	21 (12-32)	17 (9.2-26)	13 (7.1-21)
4	65 (49-77)	59 (42-73)	49 (31-64)	41 (25-56)	34 (20-48)	28 (16-40)	22 (13-33)
5	76 (63-82)	72 (58-80)	66 (48-75)	59 (41-68)	51 (33-61)	43 (27-53)	36 (22-45)
6	82	81	79	74	68	60	52

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	17	12	8.0	6.2	4.8	3.7	2.8
1	27 (20-43)	21 (15-34)	15 (11-25)	11 (8.3-20)	8.9 (6.4-16)	6.9 (4.9-12)	5.3 (3.8-9.4)
2	40 (28-58)	33 (22-50)	25 (16-39)	20 (12-32)	16 (9.6-26)	12 (7.4-21)	9.5 (5.7-16)
3	53 (38-68)	47 (31-62)	38 (23-55)	31 (18-47)	26 (14-39)	20 (11-32)	16 (8.7-26)
4	64 (48-75)	60 (43-72)	53 (36-67)	46 (29-59)	39 (23-52)	32 (18-44)	26 (14-36)
5	74 (61-79)	71 (57-78)	67 (51-75)	61 (43-70)	54 (36-63)	46 (29-55)	39 (23-48)
6	79	79	78	73	67	61	53

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	16	12	8.6	6.6	5.1	3.9	3.0
1	27 (20-42)	21 (15-35)	15 (11-26)	12 (8.6-21)	9.3 (6.6-16)	7.2 (5.1-13)	5.5 (3.9-9.9)
2	39 (27-57)	33 (22-49)	25 (16-40)	20 (13-33)	16 (9.8-26)	13 (7.6-21)	9.8 (5.8-17)
3	52 (37-67)	46 (31-61)	38 (24-55)	32 (19-47)	26 (15-39)	21 (11-32)	16 (8.8-26)
4	64 (48-74)	59 (42-71)	53 (35-66)	46 (29-59)	39 (23-51)	32 (18-43)	26 (14-36)
5	72 (61-77)	71 (56-77)	67 (50-75)	60 (42-69)	53 (35-62)	46 (29-55)	38 (23-47)
6	75	78	77	72	66	60	52

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	12	9.5	7.0	5.4	4.1	3.1	2.4
1	20 (14-33)	16 (11-28)	12 (8.8-22)	9.7 (6.7-17)	7.4 (5.1-13)	5.7 (3.9-10)	4.3 (2.9-7.9)
2	31 (21-47)	26 (17-41)	21 (13-34)	16 (10-27)	13 (7.6-22)	9.9 (5.8-17)	7.6 (4.4-13)
3	42 (28-57)	37 (24-52)	31 (19-46)	26 (15-38)	21 (12-31)	16 (8.9-25)	13 (6.8-20)
4	54 (38-66)	50 (33-62)	44 (28-57)	38 (22-49)	31 (17-42)	25 (14-35)	20 (10-29)
5	63 (51-70)	62 (46-69)	58 (41-66)	51 (34-60)	44 (27-53)	37 (22-45)	30 (17-38)
6	68	70	69	63	57	50	43