

Lithuania - 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 Lithuania. 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	0.4	0.3	0.2	0.1	0.1	0.1	0.1
1	0.9 (0.6-1.7)	0.5 (0.3-1.0)	0.3 (0.2-0.6)	0.2 (0.2-0.5)	0.2 (0.1-0.4)	0.1 (0.1-0.3)	0.1 (0.1-0.2)
2	1.6 (0.8-3.2)	1.0 (0.5-2.0)	0.6 (0.3-1.2)	0.4 (0.2-0.9)	0.3 (0.2-0.7)	0.3 (0.1-0.6)	0.2 (0.1-0.4)
3	2.9 (1.2-5.6)	1.8 (0.7-3.5)	1.1 (0.4-2.1)	0.8 (0.3-1.6)	0.6 (0.3-1.3)	0.5 (0.2-1.0)	0.4 (0.2-0.7)
4	5.1 (2.1-8.5)	3.2 (1.3-5.4)	1.9 (0.8-3.2)	1.5 (0.6-2.5)	1.2 (0.5-1.9)	0.9 (0.4-1.5)	0.7 (0.3-1.1)
5	8.7 (3.9-11)	5.6 (2.5-7.4)	3.4 (1.5-4.5)	2.6 (1.2-3.5)	2.0 (0.9-2.7)	1.6 (0.7-2.1)	1.2 (0.5-1.6)
6	14	9.5	5.9	4.6	3.5	2.7	2.1

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

Age = 55 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	0.8	0.5	0.3	0.2	0.2	0.1	0.1
1	1.5 (1.0-2.6)	0.9 (0.6-1.6)	0.5 (0.4-0.9)	0.4 (0.3-0.7)	0.3 (0.2-0.6)	0.2 (0.2-0.4)	0.2 (0.1-0.3)
2	2.6 (1.4-4.8)	1.6 (0.9-3.1)	1.0 (0.5-1.9)	0.8 (0.4-1.5)	0.6 (0.3-1.1)	0.4 (0.2-0.9)	0.3 (0.2-0.7)
3	4.6 (2.1-8.3)	2.9 (1.3-5.4)	1.8 (0.8-3.3)	1.4 (0.6-2.6)	1.0 (0.5-2.0)	0.8 (0.4-1.5)	0.6 (0.3-1.2)
4	7.7 (3.7-12)	5.1 (2.4-8.1)	3.1 (1.4-5.0)	2.4 (1.1-3.9)	1.9 (0.8-3.0)	1.4 (0.6-2.3)	1.1 (0.5-1.8)
5	13 (6.5-16)	8.5 (4.4-11)	5.4 (2.8-7.0)	4.2 (2.1-5.4)	3.2 (1.6-4.2)	2.5 (1.3-3.2)	1.9 (1.0-2.5)
6	20	14	9.0	7.0	5.4	4.2	3.2

Age = 60 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.1	0.7	0.4	0.3	0.3	0.2	0.2
1	2.0 (1.5-3.2)	1.3 (0.9-2.0)	0.8 (0.6-1.2)	0.6 (0.4-0.9)	0.4 (0.3-0.7)	0.3 (0.3-0.6)	0.3 (0.2-0.4)
2	3.4 (2.0-5.7)	2.2 (1.3-3.8)	1.3 (0.8-2.4)	1.0 (0.6-1.8)	0.8 (0.5-1.4)	0.6 (0.4-1.1)	0.5 (0.3-0.8)
3	5.7 (3.0-9.8)	3.8 (1.9-6.6)	2.4 (1.2-4.2)	1.8 (0.9-3.2)	1.4 (0.7-2.5)	1.1 (0.5-1.9)	0.8 (0.4-1.5)
4	9.3 (5.1-14)	6.4 (3.4-9.9)	4.0 (2.1-6.3)	3.1 (1.6-4.9)	2.4 (1.2-3.8)	1.8 (1.0-2.9)	1.4 (0.7-2.2)
5	15 (8.7-18)	10 (6.1-13)	6.8 (4.0-8.6)	5.2 (3.1-6.7)	4.0 (2.4-5.1)	3.1 (1.8-4.0)	2.4 (1.4-3.0)
6	22	16	11	8.6	6.7	5.2	4.0

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

Age = 65 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.4	0.9	0.6	0.4	0.3	0.3	0.2
1	2.4 (1.8-3.5)	1.6 (1.2-2.3)	1.0 (0.8-1.4)	0.8 (0.6-1.1)	0.6 (0.4-0.8)	0.4 (0.3-0.6)	0.3 (0.3-0.5)
2	3.9 (2.4-6.1)	2.7 (1.6-4.1)	1.7 (1.1-2.7)	1.3 (0.8-2.1)	1.0 (0.6-1.6)	0.8 (0.5-1.2)	0.6 (0.4-0.9)
3	6.3 (3.6-10)	4.4 (2.5-7.2)	2.8 (1.6-4.7)	2.2 (1.2-3.6)	1.7 (0.9-2.8)	1.3 (0.7-2.1)	1.0 (0.6-1.6)
4	9.9 (5.9-15)	7.1 (4.3-11)	4.7 (2.8-7.1)	3.6 (2.2-5.5)	2.8 (1.7-4.2)	2.1 (1.3-3.2)	1.6 (1.0-2.5)
5	15 (10-19)	11 (7.5-14)	7.7 (5.1-9.5)	5.9 (4.0-7.3)	4.5 (3.0-5.6)	3.5 (2.3-4.3)	2.7 (1.8-3.3)
6	22	17	12	9.5	7.3	5.6	4.3

Age = 70 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	2.0	1.4	0.9	0.7	0.5	0.4	0.3
1	3.3 (2.4-4.1)	2.4 (1.8-2.9)	1.6 (1.2-1.9)	1.2 (0.9-1.5)	0.9 (0.7-1.1)	0.7 (0.5-0.9)	0.5 (0.4-0.7)
2	5.6 (3.6-8.4)	4.2 (2.7-6.1)	2.8 (1.8-4.0)	2.2 (1.4-3.1)	1.6 (1.1-2.4)	1.3 (0.8-1.8)	1.0 (0.6-1.4)
3	9.2 (5.5-14)	7.0 (4.4-10)	4.9 (3.2-7.2)	3.8 (2.4-5.5)	2.9 (1.9-4.2)	2.2 (1.4-3.2)	1.7 (1.1-2.5)
4	15 (9.3-21)	12 (7.5-17)	8.4 (5.6-12)	6.4 (4.3-9.5)	4.9 (3.2-7.3)	3.8 (2.5-5.6)	2.9 (1.9-4.3)
5	22 (18-28)	18 (15-24)	14 (11-18)	11 (8.7-14)	8.3 (6.7-11)	6.4 (5.1-8.4)	4.9 (3.9-6.4)
6	31	27	22	17	14	10	8.1

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

Age = 75 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	3.0	2.2	1.6	1.2	0.9	0.7	0.5
1	5.4 (3.5-9.7)	4.2 (2.8-7.5)	3.0 (2.0-5.3)	2.3 (1.5-4.1)	1.7 (1.2-3.1)	1.3 (0.9-2.4)	1.0 (0.7-1.8)
2	9.4 (5.1-16)	7.5 (4.2-13)	5.5 (3.1-9.4)	4.2 (2.3-7.3)	3.2 (1.8-5.6)	2.5 (1.3-4.3)	1.9 (1.0-3.3)
3	15 (7.5-26)	13 (6.3-21)	9.8 (5.0-16)	7.5 (3.8-12)	5.8 (2.9-9.6)	4.4 (2.2-7.4)	3.4 (1.6-5.7)
4	23 (12-34)	20 (11-30)	16 (8.6-25)	13 (6.6-20)	9.9 (5.0-15)	7.6 (3.8-12)	5.8 (2.8-9.2)
5	34 (20-43)	30 (18-39)	26 (15-34)	21 (11-27)	16 (8.8-22)	13 (6.7-17)	9.8 (5.1-13)
6	46	42	38	31	25	20	16

Age = 80 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	4.3	3.5	2.6	2.0	1.5	1.1	0.9
1	7.5 (5.0-14)	6.2 (4.1-11)	4.8 (3.3-8.7)	3.6 (2.5-6.7)	2.8 (1.9-5.1)	2.1 (1.4-3.9)	1.6 (1.0-2.9)
2	12 (7.0-22)	10 (6.0-18)	8.3 (4.9-15)	6.4 (3.7-11)	4.9 (2.8-8.7)	3.7 (2.1-6.7)	2.8 (1.6-5.1)
3	19 (10-30)	17 (8.9-26)	14 (7.4-22)	11 (5.7-17)	8.2 (4.3-13)	6.3 (3.2-10)	4.8 (2.4-7.8)
4	28 (15-39)	25 (13-35)	21 (11-30)	17 (8.5-24)	13 (6.5-19)	10 (4.9-15)	7.9 (3.7-12)
5	38 (24-47)	35 (21-43)	31 (18-39)	25 (14-33)	20 (11-27)	16 (8.4-21)	13 (6.4-17)
6	50	46	43	36	30	24	19

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

Age = 85 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	6.1	5.1	4.0	3.1	2.3	1.7	1.3
1	10 (6.9-18)	8.8 (5.9-16)	7.2 (4.8-13)	5.5 (3.7-10)	4.2 (2.8-7.7)	3.1 (2.1-5.8)	2.4 (1.5-4.4)
2	16 (9.6-28)	14 (8.3-25)	12 (7.1-21)	9.3 (5.4-17)	7.1 (4.0-13)	5.4 (3.0-9.9)	4.1 (2.3-7.6)
3	25 (14-37)	22 (12-34)	19 (10-29)	15 (8.0-24)	12 (6.0-19)	9.0 (4.6-15)	6.9 (3.4-11)
4	34 (20-47)	31 (18-43)	28 (15-39)	23 (12-32)	18 (9.1-26)	14 (6.9-21)	11 (5.2-16)
5	46 (30-54)	42 (27-51)	39 (24-48)	32 (19-41)	27 (15-34)	21 (12-28)	17 (8.9-23)
6	56	54	51	44	37	31	25

Age = 90 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	8.2	6.5	5.0	3.8	2.9	2.2	1.6
1	14 (9.5-24)	11 (7.8-20)	8.9 (6.1-16)	6.8 (4.6-12)	5.2 (3.5-9.4)	3.9 (2.6-7.2)	3.0 (2.0-5.5)
2	22 (13-35)	18 (11-31)	15 (9.0-25)	12 (6.9-20)	9.0 (5.3-16)	6.9 (4.0-12)	5.2 (3.0-9.4)
3	31 (19-45)	28 (16-41)	23 (14-35)	19 (10-29)	15 (8.0-23)	11 (6.1-18)	8.8 (4.6-14)
4	42 (26-54)	39 (23-51)	34 (20-45)	28 (15-38)	23 (12-32)	18 (9.2-26)	14 (7.0-21)
5	52 (38-60)	50 (34-59)	46 (30-55)	40 (24-48)	33 (19-41)	27 (15-35)	22 (12-28)
6	60	60	58	52	45	38	32