

**Belgium - 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/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 Belgium. 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	0.5	0.3	0.2	0.1	0.1	0.1	0.1
1	1.1 (0.7-2.1)	0.6 (0.4-1.2)	0.3 (0.2-0.6)	0.3 (0.2-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
2	2.1 (1.0-4.3)	1.2 (0.6-2.4)	0.6 (0.3-1.4)	0.5 (0.3-1.1)	0.4 (0.2-0.8)	0.3 (0.2-0.6)	0.2 (0.1-0.5)
3	3.8 (1.6-7.5)	2.2 (0.9-4.3)	1.2 (0.5-2.4)	0.9 (0.4-1.9)	0.7 (0.3-1.4)	0.6 (0.2-1.1)	0.4 (0.2-0.9)
4	6.9 (2.8-11)	4.0 (1.6-6.5)	2.2 (0.9-3.6)	1.7 (0.7-2.8)	1.3 (0.5-2.2)	1.0 (0.4-1.7)	0.8 (0.3-1.3)
5	12 (5.5-16)	7.0 (3.2-9.4)	4.0 (1.8-5.4)	3.1 (1.4-4.2)	2.4 (1.1-3.2)	1.9 (0.8-2.5)	1.4 (0.7-2.0)
6	20	12	7.0	5.4	4.2	3.3	2.6

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

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.9	0.5	0.3	0.2	0.2	0.1	0.1
1	1.7 (1.1-2.9)	0.9 (0.6-1.7)	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	3.1 (1.7-5.8)	1.8 (1.0-3.4)	1.0 (0.5-1.9)	0.8 (0.4-1.5)	0.6 (0.3-1.2)	0.5 (0.3-0.9)	0.4 (0.2-0.7)
3	5.5 (2.5-10)	3.2 (1.4-6.0)	1.8 (0.8-3.4)	1.4 (0.6-2.6)	1.1 (0.5-2.0)	0.8 (0.4-1.6)	0.7 (0.3-1.2)
4	9.5 (4.4-15)	5.6 (2.5-9.0)	3.2 (1.4-5.2)	2.5 (1.1-4.0)	1.9 (0.9-3.1)	1.5 (0.7-2.4)	1.2 (0.5-1.9)
5	16 (8.5-20)	9.7 (5.1-13)	5.7 (3.0-7.5)	4.4 (2.3-5.8)	3.4 (1.8-4.5)	2.7 (1.4-3.5)	2.1 (1.1-2.7)
6	26	16	9.7	7.6	5.9	4.6	3.6

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.3	0.8	0.4	0.3	0.3	0.2	0.2
1	2.4 (1.7-3.8)	1.4 (1.0-2.2)	0.8 (0.6-1.3)	0.6 (0.4-1.0)	0.5 (0.3-0.8)	0.4 (0.3-0.6)	0.3 (0.2-0.5)
2	4.2 (2.4-7.2)	2.5 (1.5-4.4)	1.4 (0.8-2.6)	1.1 (0.7-2.0)	0.9 (0.5-1.6)	0.7 (0.4-1.2)	0.5 (0.3-0.9)
3	7.2 (3.7-12)	4.4 (2.2-7.7)	2.6 (1.3-4.5)	2.0 (1.0-3.5)	1.5 (0.8-2.7)	1.2 (0.6-2.1)	0.9 (0.5-1.6)
4	12 (6.4-18)	7.5 (3.9-11)	4.4 (2.3-6.9)	3.4 (1.7-5.3)	2.7 (1.4-4.1)	2.1 (1.0-3.2)	1.6 (0.8-2.5)
5	19 (12-24)	12 (7.5-16)	7.6 (4.5-9.7)	5.9 (3.5-7.6)	4.6 (2.7-5.9)	3.5 (2.1-4.6)	2.7 (1.6-3.5)
6	29	20	13	9.8	7.7	6.0	4.6

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.0	1.2	0.7	0.6	0.4	0.3	0.3
1	3.4 (2.6-4.9)	2.1 (1.6-3.0)	1.3 (0.9-1.8)	1.0 (0.7-1.4)	0.7 (0.6-1.1)	0.6 (0.4-0.8)	0.4 (0.3-0.6)
2	5.7 (3.5-8.7)	3.6 (2.2-5.7)	2.2 (1.4-3.5)	1.7 (1.0-2.7)	1.3 (0.8-2.1)	1.0 (0.6-1.6)	0.8 (0.5-1.2)
3	9.2 (5.3-15)	6.0 (3.4-9.9)	3.7 (2.1-6.1)	2.8 (1.6-4.8)	2.2 (1.2-3.7)	1.7 (0.9-2.8)	1.3 (0.7-2.2)
4	15 (9.2-21)	9.8 (5.9-15)	6.2 (3.6-9.2)	4.8 (2.8-7.2)	3.7 (2.1-5.6)	2.8 (1.7-4.3)	2.2 (1.3-3.3)
5	22 (15-27)	16 (11-19)	10 (6.9-13)	7.9 (5.4-9.9)	6.1 (4.1-7.7)	4.7 (3.2-5.9)	3.6 (2.4-4.6)
6	32	24	16	13	9.9	7.7	6.0

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.2	2.1	1.3	1.0	0.8	0.6	0.5
1	5.6 (4.1-6.8)	3.8 (2.9-4.5)	2.4 (1.9-2.8)	1.8 (1.4-2.2)	1.4 (1.1-1.7)	1.1 (0.8-1.3)	0.8 (0.6-1.0)
2	9.4 (6.2-14)	6.6 (4.4-9.4)	4.3 (2.8-5.9)	3.3 (2.2-4.6)	2.5 (1.7-3.5)	1.9 (1.3-2.7)	1.5 (1.0-2.1)
3	15 (9.7-22)	11 (7.4-16)	7.5 (4.9-11)	5.8 (3.8-8.5)	4.5 (2.9-6.6)	3.4 (2.2-5.1)	2.6 (1.7-3.9)
4	24 (16-32)	18 (12-26)	13 (8.8-18)	9.9 (6.8-14)	7.7 (5.2-11)	5.9 (4.0-8.7)	4.6 (3.1-6.7)
5	34 (29-42)	28 (24-35)	21 (18-26)	17 (14-21)	13 (11-16)	10 (8.3-13)	7.8 (6.4-10)
6	46	41	33	26	21	17	13

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

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	5.4	3.9	2.6	2.0	1.5	1.2	0.9
1	9.7 (6.5-17)	7.3 (5.0-13)	5.0 (3.5-8.7)	3.8 (2.6-6.7)	2.9 (2.0-5.2)	2.2 (1.5-4.0)	1.7 (1.2-3.0)
2	16 (9.5-27)	13 (7.4-21)	9.1 (5.2-15)	7.1 (4.0-12)	5.4 (3.1-9.2)	4.2 (2.3-7.1)	3.2 (1.8-5.5)
3	26 (14-40)	21 (11-33)	16 (8.8-25)	13 (6.8-20)	9.7 (5.2-15)	7.5 (3.9-12)	5.8 (3.0-9.4)
4	37 (22-50)	32 (19-45)	26 (15-38)	21 (11-31)	17 (8.8-25)	13 (6.8-20)	10 (5.2-16)
5	49 (33-59)	45 (30-55)	39 (24-49)	33 (19-41)	26 (15-34)	21 (12-28)	17 (9.1-22)
6	61	58	54	46	39	32	26

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	8.2	6.4	4.5	3.5	2.6	2.0	1.5
1	14 (9.5-24)	11 (7.8-20)	8.3 (5.8-15)	6.4 (4.4-11)	4.9 (3.4-8.8)	3.7 (2.6-6.8)	2.8 (1.9-5.2)
2	22 (13-35)	18 (11-30)	14 (8.7-24)	11 (6.7-19)	8.6 (5.1-15)	6.6 (3.9-12)	5.1 (2.9-8.9)
3	31 (19-45)	28 (16-41)	23 (13-35)	18 (10-28)	14 (7.8-23)	11 (5.9-18)	8.6 (4.5-14)
4	42 (26-55)	39 (23-51)	34 (20-46)	28 (15-38)	23 (12-32)	18 (9.2-26)	14 (7.0-20)
5	54 (38-62)	51 (34-60)	47 (30-56)	40 (24-49)	33 (19-42)	27 (15-35)	22 (12-28)
6	64	62	59	52	45	38	32

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	11	8.5	6.2	4.8	3.6	2.8	2.1
1	18 (12-30)	15 (10-25)	11 (7.8-19)	8.6 (6.0-15)	6.6 (4.6-12)	5.1 (3.5-9.2)	3.9 (2.6-7.1)
2	27 (18-43)	23 (15-37)	19 (12-31)	15 (8.9-25)	11 (6.8-20)	8.8 (5.2-15)	6.8 (3.9-12)
3	38 (24-53)	34 (21-48)	29 (17-42)	23 (13-35)	19 (10-29)	15 (7.9-23)	11 (6.0-18)
4	50 (33-62)	46 (29-58)	41 (25-53)	34 (20-46)	28 (16-39)	23 (12-32)	18 (9.3-26)
5	60 (46-68)	58 (42-66)	54 (37-63)	47 (30-56)	40 (25-49)	33 (20-42)	27 (15-35)
6	68	68	66	60	53	46	39

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	11	8.6	6.5	5.0	3.8	2.9	2.2
1	18 (13-30)	15 (10-25)	11 (8.0-20)	8.9 (6.1-16)	6.8 (4.6-12)	5.2 (3.5-9.5)	3.9 (2.6-7.2)
2	27 (18-43)	23 (15-37)	19 (12-31)	15 (9.1-25)	12 (6.9-20)	9.0 (5.3-16)	6.9 (4.0-12)
3	38 (25-53)	34 (21-48)	29 (17-42)	23 (14-35)	19 (10-29)	15 (8.0-23)	11 (6.1-18)
4	50 (34-62)	46 (29-58)	41 (25-53)	34 (20-46)	28 (16-39)	23 (12-32)	18 (9.3-26)
5	60 (46-67)	58 (42-66)	54 (37-63)	47 (30-56)	40 (25-49)	33 (20-42)	27 (15-35)
6	66	67	66	60	53	46	39