Hungary - 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 Hungary. 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/m²)						
	15	20	25	30	35	40	45
0	0.4	0.2	0.1	0.1	0.1	0.1	0.1
1	0.7 (0.5-1.4)	0.4 (0.3-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)
2	1.3 (0.6-2.6)	0.8 (0.4-1.7)	0.5 (0.3-1.1)	0.4 (0.2-0.8)	0.3 (0.2-0.6)	0.2 (0.1-0.5)	0.2 (0.1-0.4)
3	2.4 (1.0-4.6)	1.5 (0.6-3.0)	0.9 (0.4-1.8)	0.7 (0.3-1.4)	0.6 (0.2-1.1)	0.4 (0.2-0.8)	0.3 (0.1-0.6)
4	4.1 (1.7-6.8)	2.7 (1.1-4.5)	1.7 (0.7-2.8)	1.3 (0.5-2.2)	1.0 (0.4-1.7)	0.8 (0.3-1.3)	0.6 (0.2-1.0)
5	6.9 (3.0-8.8)	4.7 (2.1-6.1)	3.0 (1.3-3.9)	2.3 (1.0-3.0)	1.8 (0.8-2.3)	1.3 (0.6-1.8)	1.0 (0.5-1.4)
6	11	7.9	5.1	3.9	3.0	2.3	1.8

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

Age = 55 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	0.7	0.4	0.3	0.2	0.2	0.1	0.1
1	1.2 (0.9-2.3)	0.8 (0.6-1.5)	0.5 (0.3-0.9)	0.4 (0.3-0.7)	0.3 (0.2-0.5)	0.2 (0.2-0.4)	0.2 (0.1-0.3)
2	2.2 (1.2-4.0)	1.4 (0.8-2.7)	0.9 (0.5-1.7)	0.7 (0.4-1.3)	0.5 (0.3-1.0)	0.4 (0.2-0.8)	0.3 (0.2-0.6)
3	3.8 (1.8-6.8)	2.5 (1.2-4.7)	1.6 (0.7-3.0)	1.2 (0.6-2.3)	0.9 (0.4-1.8)	0.7 (0.3-1.4)	0.6 (0.3-1.0)
4	6.3 (2.9-10)	4.4 (2.1-7.0)	2.8 (1.3-4.5)	2.2 (1.0-3.5)	1.7 (0.8-2.7)	1.3 (0.6-2.1)	1.0 (0.5-1.6)
5	10 (5.1-13)	7.3 (3.7-9.1)	4.8 (2.4-6.2)	3.7 (1.9-4.8)	2.8 (1.4-3.7)	2.2 (1.1-2.8)	1.7 (0.8-2.1)
6	16	12	8.0	6.2	4.8	3.7	2.8

Age = 60 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	1.1	0.7	0.4	0.3	0.3	0.2	0.2
1	1.8 (1.4-3.0)	1.2 (0.9-2.0)	0.8 (0.6-1.2)	0.6 (0.4-1.0)	0.5 (0.3-0.7)	0.3 (0.3-0.6)	0.3 (0.2-0.4)
2	3.1 (1.8-5.2)	2.1 (1.2-3.6)	1.4 (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	5.1 (2.7-8.6)	3.6 (1.9-6.2)	2.3 (1.2-4.1)	1.8 (0.9-3.2)	1.4 (0.7-2.4)	1.1 (0.5-1.9)	0.8 (0.4-1.4)
4	8.2 (4.3-13)	5.9 (3.2-9.3)	4.0 (2.1-6.2)	3.0 (1.6-4.8)	2.3 (1.2-3.7)	1.8 (0.9-2.8)	1.4 (0.7-2.2)
5	13 (7.4-16)	9.6 (5.6-12)	6.6 (3.8-8.2)	5.1 (2.9-6.4)	3.9 (2.2-4.9)	3.0 (1.7-3.7)	2.3 (1.3-2.9)
6	19	15	11	8.2	6.3	4.9	3.7

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

Age = 65 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	1.4	1.0	0.6	0.5	0.4	0.3	0.2
1	2.4 (1.8-3.5)	1.7 (1.3-2.5)	1.1 (0.8-1.6)	0.8 (0.6-1.2)	0.6 (0.5-0.9)	0.5 (0.4-0.7)	0.4 (0.3-0.5)
2	3.9 (2.4-6.1)	2.8 (1.7-4.3)	1.9 (1.1-2.9)	1.4 (0.9-2.2)	1.1 (0.7-1.7)	0.8 (0.5-1.3)	0.6 (0.4-1.0)
3	6.1 (3.6-9.6)	4.5 (2.6-7.3)	3.1 (1.7-5.1)	2.4 (1.3-3.9)	1.8 (1.0-3.0)	1.4 (0.8-2.3)	1.0 (0.6-1.7)
4	9.4 (5.5-14)	7.2 (4.3-11)	5.0 (3.1-7.6)	3.9 (2.3-5.9)	2.9 (1.8-4.5)	2.2 (1.4-3.4)	1.7 (1.0-2.6)
5	14 (9.3-18)	11 (7.4-14)	8.1 (5.4-9.8)	6.2 (4.1-7.6)	4.7 (3.1-5.8)	3.6 (2.4-4.5)	2.8 (1.8-3.4)
6	20	17	13	9.8	7.5	5.8	4.4

Age = 70 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	2.1	1.5	1.1	0.8	0.6	0.5	0.4
1	3.5 (2.5-4.3)	2.7 (1.9-3.3)	1.9 (1.4-2.3)	1.4 (1.1-1.7)	1.1 (0.8-1.3)	0.8 (0.6-1.0)	0.6 (0.5-0.8)
2	5.8 (3.6-8.8)	4.5 (2.9-6.8)	3.3 (2.1-4.7)	2.5 (1.6-3.6)	1.9 (1.2-2.8)	1.4 (0.9-2.1)	1.1 (0.7-1.6)
3	9.3 (5.4-15)	7.5 (4.5-11)	5.6 (3.5-8.2)	4.2 (2.6-6.3)	3.2 (2.0-4.8)	2.5 (1.5-3.7)	1.9 (1.1-2.8)
4	14 (9.1-21)	12 (7.7-17)	9.3 (6.1-14)	7.1 (4.6-10)	5.5 (3.5-8.1)	4.2 (2.6-6.2)	3.2 (2.0-4.7)
5	22 (17-28)	19 (15-24)	15 (12-19)	12 (9.4-15)	9.0 (7.2-12)	6.9 (5.5-9.2)	5.2 (4.1-7.0)
6	31	27	23	18	14	11	8.5

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

Age = 75 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	3.4	2.8	2.1	1.6	1.2	0.9	0.7
1	6.1 (3.8-11)	5.2 (3.3-9.3)	4.0 (2.6-7.2)	3.0 (2.0-5.5)	2.3 (1.5-4.2)	1.7 (1.1-3.2)	1.3 (0.8-2.4)
2	10 (5.2-18)	8.9 (4.7-16)	7.2 (4.0-12)	5.5 (3.0-9.6)	4.2 (2.3-7.4)	3.1 (1.7-5.6)	2.4 (1.3-4.3)
3	16 (7.7-27)	14 (6.9-25)	12 (6.0-20)	9.4 (4.5-16)	7.2 (3.4-12)	5.5 (2.6-9.6)	4.2 (1.9-7.4)
4	24 (13-36)	22 (12-33)	19 (10-28)	15 (7.7-23)	12 (5.9-18)	9.2 (4.4-14)	7.0 (3.3-11)
5	34 (21-43)	31 (19-40)	29 (17-37)	23 (13-31)	19 (10-25)	15 (7.7-20)	11 (5.9-16)
6	45	42	40	33	28	22	18

Age = 80 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	5.8	4.8	3.7	2.8	2.1	1.6	1.2
1	9.9 (6.6-18)	8.4 (5.6-15)	6.7 (4.6-12)	5.1 (3.4-9.4)	3.9 (2.6-7.2)	2.9 (1.9-5.5)	2.2 (1.5-4.1)
2	16 (9.1-27)	14 (8.0-24)	11 (6.8-20)	8.8 (5.1-16)	6.7 (3.9-12)	5.1 (2.9-9.3)	3.9 (2.2-7.1)
3	24 (13-36)	21 (12-33)	18 (10-28)	14 (7.6-22)	11 (5.8-18)	8.6 (4.4-14)	6.6 (3.3-11)
4	33 (19-45)	30 (17-42)	27 (15-37)	22 (11-31)	17 (8.7-25)	14 (6.6-20)	11 (5.0-16)
5	44 (29-53)	41 (26-50)	38 (23-47)	32 (18-40)	26 (14-33)	21 (11-27)	16 (8.5-22)
6	55	52	50	43	36	30	24

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

Age = 85 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	7.6	6.2	4.8	3.6	2.7	2.1	1.6
1	13 (8.7-22)	11 (7.2-19)	8.5 (5.8-15)	6.5 (4.4-12)	5.0 (3.3-9.1)	3.8 (2.5-6.9)	2.8 (1.9-5.3)
2	20 (12-33)	17 (10-29)	14 (8.6-24)	11 (6.6-19)	8.5 (5.0-15)	6.5 (3.8-12)	5.0 (2.8-9.0)
3	30 (18-43)	26 (15-39)	22 (13-34)	18 (9.8-27)	14 (7.5-22)	11 (5.7-17)	8.3 (4.3-13)
4	40 (25-53)	37 (22-49)	33 (18-44)	27 (14-37)	22 (11-30)	17 (8.6-24)	13 (6.5-19)
5	51 (36-59)	48 (32-57)	44 (29-54)	38 (23-47)	31 (18-40)	26 (14-33)	20 (11-27)
6	60	59	57	50	43	36	30

Age = 90 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	7.4	5.9	4.5	3.4	2.6	1.9	1.5
1	13 (8.6-22)	10 (7.0-18)	8.1 (5.5-14)	6.2 (4.2-11)	4.7 (3.1-8.6)	3.6 (2.4-6.6)	2.7 (1.8-5.0)
2	20 (12-33)	17 (10-28)	14 (8.2-23)	11 (6.2-18)	8.1 (4.7-14)	6.2 (3.6-11)	4.7 (2.7-8.5)
3	29 (18-43)	26 (15-38)	21 (12-32)	17 (9.4-26)	13 (7.2-21)	10 (5.5-16)	8.0 (4.1-13)
4	40 (25-52)	36 (21-48)	32 (18-43)	26 (14-36)	21 (11-29)	16 (8.3-24)	13 (6.3-19)
5	50 (36-58)	48 (32-57)	44 (28-53)	37 (22-46)	31 (18-39)	25 (14-32)	20 (11-26)
6	58	58	56	49	43	36	29