Croatia - 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 Croatia. 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	0.3	0.1	0.1	0.1	0.1	0.1
1	0.9 (0.6-1.8)	0.5 (0.3-1.0)	0.3 (0.2-0.6)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.1 (0.1-0.2)
2	1.7 (0.8-3.5)	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 (0.1-0.5)	0.2 (0.1-0.4)
3	3.1 (1.3-6.1)	1.8 (0.7-3.6)	1.0 (0.4-2.0)	0.8 (0.3-1.6)	0.6 (0.3-1.2)	0.5 (0.2-0.9)	0.4 (0.2-0.7)
4	5.5 (2.2-9.1)	3.3 (1.3-5.4)	1.9 (0.7-3.1)	1.5 (0.6-2.4)	1.1 (0.4-1.9)	0.9 (0.3-1.5)	0.7 (0.3-1.1)
5	9.6 (4.3-12)	5.8 (2.6-7.7)	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	16	10	5.9	4.6	3.6	2.8	2.1

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

Age = 55 years

Number of CRFs	BMI (kg/m²)						
	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 (1.0-2.7)	0.9 (0.6-1.6)	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	2.7 (1.5-5.1)	1.6 (0.9-3.1)	0.9 (0.5-1.8)	0.7 (0.4-1.4)	0.6 (0.3-1.1)	0.4 (0.2-0.8)	0.3 (0.2-0.6)
3	4.8 (2.2-8.8)	2.9 (1.3-5.4)	1.7 (0.8-3.2)	1.3 (0.6-2.5)	1.0 (0.5-1.9)	0.8 (0.3-1.5)	0.6 (0.3-1.1)
4	8.2 (3.9-13)	5.1 (2.3-8.1)	3.0 (1.4-4.8)	2.3 (1.0-3.8)	1.8 (0.8-2.9)	1.4 (0.6-2.3)	1.1 (0.5-1.7)
5	14 (7.1-17)	8.7 (4.5-11)	5.3 (2.7-6.9)	4.1 (2.1-5.4)	3.2 (1.6-4.2)	2.4 (1.3-3.2)	1.9 (1.0-2.5)
6	22	14	9.0	7.0	5.4	4.2	3.2

Age = 60 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	1.2	0.8	0.4	0.3	0.3	0.2	0.2
1	2.2 (1.6-3.5)	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 (0.2-0.4)
2	3.8 (2.2-6.4)	2.4 (1.4-4.2)	1.4 (0.8-2.5)	1.1 (0.6-2.0)	0.9 (0.5-1.5)	0.7 (0.4-1.2)	0.5 (0.3-0.9)
3	6.4 (3.3-11)	4.1 (2.1-7.2)	2.5 (1.3-4.5)	1.9 (1.0-3.5)	1.5 (0.8-2.7)	1.2 (0.6-2.0)	0.9 (0.4-1.6)
4	11 (5.8-16)	7.0 (3.7-11)	4.3 (2.2-6.7)	3.4 (1.7-5.2)	2.6 (1.3-4.0)	2.0 (1.0-3.1)	1.5 (0.8-2.4)
5	17 (10-20)	11 (6.8-14)	7.3 (4.3-9.3)	5.7 (3.3-7.2)	4.4 (2.6-5.6)	3.4 (2.0-4.3)	2.6 (1.5-3.3)
6	25	18	12	9.4	7.3	5.6	4.3

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

Age = 65 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	1.8	1.1	0.7	0.5	0.4	0.3	0.2
1	2.9 (2.3-4.3)	1.9 (1.5-2.8)	1.2 (0.9-1.7)	0.9 (0.7-1.3)	0.7 (0.5-1.0)	0.5 (0.4-0.8)	0.4 (0.3-0.6)
2	4.8 (3.0-7.4)	3.3 (2.0-5.1)	2.1 (1.3-3.3)	1.6 (1.0-2.5)	1.2 (0.8-1.9)	0.9 (0.6-1.5)	0.7 (0.4-1.1)
3	7.7 (4.5-12)	5.4 (3.1-8.7)	3.5 (1.9-5.7)	2.7 (1.5-4.4)	2.0 (1.1-3.4)	1.6 (0.9-2.6)	1.2 (0.7-2.0)
4	12 (7.3-18)	8.7 (5.3-13)	5.7 (3.4-8.6)	4.4 (2.6-6.7)	3.4 (2.0-5.1)	2.6 (1.5-4.0)	2.0 (1.2-3.0)
5	18 (12-22)	14 (9.2-17)	9.3 (6.3-11)	7.2 (4.8-8.9)	5.5 (3.7-6.9)	4.3 (2.8-5.3)	3.3 (2.2-4.1)
6	26	21	15	11	8.9	6.9	5.3

Age = 70 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	2.4	1.7	1.1	0.8	0.6	0.5	0.4
1	4.1 (3.0-5.0)	2.9 (2.2-3.6)	2.0 (1.5-2.3)	1.5 (1.1-1.8)	1.1 (0.9-1.4)	0.9 (0.6-1.0)	0.7 (0.5-0.8)
2	6.9 (4.4-10)	5.1 (3.3-7.4)	3.5 (2.3-4.9)	2.6 (1.7-3.8)	2.0 (1.3-2.9)	1.5 (1.0-2.2)	1.2 (0.8-1.7)
3	11 (6.7-17)	8.5 (5.3-13)	6.0 (3.9-8.7)	4.6 (3.0-6.7)	3.5 (2.3-5.2)	2.7 (1.7-3.9)	2.0 (1.3-3.0)
4	17 (11-24)	14 (9.1-20)	10 (6.8-15)	7.8 (5.2-11)	6.0 (4.0-8.9)	4.6 (3.0-6.8)	3.5 (2.3-5.2)
5	26 (21-33)	22 (18-28)	17 (14-21)	13 (11-17)	10 (8.2-13)	7.7 (6.3-10)	5.9 (4.8-7.8)
6	37	32	26	21	16	13	9.8

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

Age = 75 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	3.4	2.6	1.8	1.4	1.1	0.8	0.6
1	6.2 (4.0-11)	4.9 (3.2-8.7)	3.5 (2.4-6.3)	2.7 (1.8-4.8)	2.0 (1.4-3.7)	1.6 (1.0-2.8)	1.2 (0.8-2.1)
2	11 (5.8-19)	8.6 (4.8-15)	6.5 (3.6-11)	4.9 (2.7-8.5)	3.8 (2.1-6.5)	2.9 (1.6-5.0)	2.2 (1.2-3.8)
3	17 (8.5-29)	14 (7.2-24)	11 (5.8-18)	8.7 (4.4-14)	6.7 (3.3-11)	5.1 (2.5-8.6)	3.9 (1.9-6.6)
4	26 (14-38)	23 (12-33)	19 (9.9-28)	15 (7.6-22)	11 (5.8-18)	8.8 (4.4-14)	6.8 (3.3-11)
5	37 (23-46)	33 (20-42)	29 (17-37)	23 (13-31)	19 (10-25)	15 (7.7-20)	11 (5.9-15)
6	49	45	41	34	28	23	18

Age = 80 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	5.0	4.1	3.0	2.3	1.7	1.3	1.0
1	8.6 (5.7-15)	7.2 (4.8-13)	5.5 (3.8-10)	4.2 (2.8-7.7)	3.2 (2.2-5.9)	2.4 (1.6-4.5)	1.8 (1.2-3.4)
2	14 (8.0-24)	12 (6.9-21)	9.6 (5.7-17)	7.4 (4.3-13)	5.6 (3.3-10)	4.3 (2.5-7.7)	3.2 (1.8-5.9)
3	21 (12-33)	19 (10-29)	16 (8.6-24)	12 (6.5-19)	9.4 (4.9-15)	7.3 (3.7-12)	5.5 (2.8-9.0)
4	31 (17-42)	27 (15-38)	24 (13-33)	19 (9.8-27)	15 (7.5-22)	12 (5.7-17)	9.1 (4.3-13)
5	41 (26-50)	38 (23-47)	34 (20-43)	28 (16-36)	23 (12-30)	18 (9.6-24)	14 (7.3-19)
6	53	50	46	39	33	27	21

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

Age = 85 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	6.9	5.8	4.6	3.5	2.6	2.0	1.5
1	12 (7.9-20)	10 (6.7-18)	8.2 (5.5-15)	6.3 (4.2-11)	4.8 (3.2-8.7)	3.6 (2.4-6.7)	2.7 (1.8-5.1)
2	18 (11-31)	16 (9.5-27)	14 (8.1-23)	11 (6.1-19)	8.1 (4.6-15)	6.2 (3.5-11)	4.7 (2.6-8.6)
3	27 (16-40)	24 (14-37)	21 (12-32)	17 (9.1-26)	13 (6.9-21)	10 (5.2-17)	7.9 (3.9-13)
4	37 (22-50)	34 (20-46)	31 (17-42)	25 (13-35)	20 (10-29)	16 (7.9-23)	13 (6.0-18)
5	49 (33-57)	45 (30-54)	42 (27-51)	36 (21-44)	29 (17-37)	24 (13-31)	19 (10-25)
6	59	57	54	47	40	34	28

Age = 90 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	9.2	7.4	5.6	4.3	3.2	2.5	1.9
1	15 (11-26)	13 (8.8-22)	10 (6.9-18)	7.7 (5.3-14)	5.9 (4.0-11)	4.5 (3.0-8.2)	3.4 (2.3-6.3)
2	24 (15-38)	20 (13-34)	17 (10-28)	13 (7.8-22)	10 (6.0-18)	7.8 (4.5-14)	5.9 (3.4-11)
3	34 (21-48)	30 (18-44)	26 (15-38)	21 (12-31)	16 (9.1-25)	13 (6.9-20)	10 (5.2-16)
4	45 (29-57)	41 (26-54)	37 (22-49)	31 (17-42)	25 (13-35)	20 (10-28)	16 (7.9-23)
5	55 (41-62)	53 (37-61)	49 (33-58)	43 (27-52)	36 (22-45)	30 (17-38)	24 (13-31)
6	61	62	61	55	48	41	35