

Croatia - 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/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/m ²)						
	15	20	25	30	35	40	45
0	0.8	0.4	0.2	0.2	0.1	0.1	0.1
1	1.6 (1.0-3.1)	0.9 (0.6-1.7)	0.5 (0.3-0.9)	0.4 (0.2-0.7)	0.3 (0.2-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
2	3.1 (1.5-6.5)	1.7 (0.8-3.6)	0.9 (0.4-1.9)	0.7 (0.3-1.5)	0.5 (0.3-1.2)	0.4 (0.2-0.9)	0.3 (0.2-0.7)
3	5.8 (2.4-11)	3.2 (1.3-6.2)	1.7 (0.7-3.4)	1.3 (0.5-2.7)	1.0 (0.4-2.1)	0.8 (0.3-1.6)	0.6 (0.3-1.3)
4	10 (4.1-17)	5.8 (2.3-9.4)	3.2 (1.2-5.2)	2.5 (0.9-4.0)	1.9 (0.7-3.1)	1.5 (0.6-2.4)	1.2 (0.4-1.9)
5	18 (8.7-24)	10 (4.8-14)	5.7 (2.6-7.7)	4.4 (2.0-6.0)	3.5 (1.6-4.7)	2.7 (1.2-3.7)	2.1 (0.9-2.8)
6	30	18	10	7.8	6.1	4.8	3.7

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

Age = 55 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.5	0.8	0.4	0.3	0.3	0.2	0.2
1	2.8 (1.9-4.9)	1.5 (1.0-2.7)	0.8 (0.6-1.5)	0.6 (0.4-1.1)	0.5 (0.3-0.9)	0.4 (0.3-0.7)	0.3 (0.2-0.5)
2	5.3 (2.9-10)	2.9 (1.6-5.7)	1.6 (0.9-3.1)	1.2 (0.7-2.4)	0.9 (0.5-1.9)	0.7 (0.4-1.5)	0.6 (0.3-1.1)
3	9.5 (4.4-17)	5.3 (2.4-9.8)	2.9 (1.3-5.4)	2.3 (1.0-4.2)	1.8 (0.8-3.3)	1.4 (0.6-2.6)	1.1 (0.5-2.0)
4	16 (7.6-25)	9.4 (4.2-15)	5.2 (2.3-8.2)	4.1 (1.8-6.4)	3.2 (1.4-5.0)	2.5 (1.1-3.9)	1.9 (0.8-3.0)
5	27 (15-35)	16 (8.8-21)	9.1 (4.8-12)	7.2 (3.8-9.5)	5.6 (2.9-7.4)	4.4 (2.3-5.8)	3.4 (1.8-4.6)
6	43	27	16	12	9.7	7.6	5.9

Age = 60 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	2.5	1.4	0.7	0.6	0.4	0.3	0.3
1	4.6 (3.3-7.1)	2.5 (1.8-3.9)	1.4 (1.0-2.2)	1.1 (0.8-1.7)	0.8 (0.6-1.3)	0.6 (0.5-1.0)	0.5 (0.3-0.8)
2	8.1 (4.8-14)	4.6 (2.7-8.2)	2.5 (1.5-4.6)	2.0 (1.1-3.5)	1.5 (0.9-2.8)	1.2 (0.7-2.1)	0.9 (0.5-1.7)
3	14 (7.2-24)	8.0 (4.1-14)	4.5 (2.2-7.9)	3.5 (1.7-6.2)	2.7 (1.3-4.8)	2.1 (1.0-3.8)	1.6 (0.8-2.9)
4	23 (12-34)	14 (7.1-21)	7.8 (3.9-12)	6.1 (3.0-9.3)	4.8 (2.4-7.3)	3.7 (1.8-5.7)	2.9 (1.4-4.4)
5	36 (24-45)	23 (14-29)	13 (8.1-17)	10 (6.4-14)	8.2 (5.0-11)	6.4 (3.9-8.4)	5.0 (3.0-6.6)
6	54	36	22	17	14	11	8.5

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

Age = 65 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	3.9	2.2	1.2	0.9	0.7	0.6	0.4
1	6.7 (5.0-9.3)	3.9 (2.9-5.4)	2.2 (1.6-3.0)	1.7 (1.2-2.3)	1.3 (1.0-1.8)	1.0 (0.7-1.4)	0.8 (0.6-1.1)
2	11 (7.2-18)	6.6 (4.2-11)	3.8 (2.4-6.2)	2.9 (1.8-4.8)	2.3 (1.4-3.8)	1.8 (1.1-2.9)	1.4 (0.9-2.3)
3	19 (11-29)	11 (6.3-18)	6.5 (3.6-11)	5.0 (2.8-8.4)	3.9 (2.2-6.6)	3.1 (1.7-5.1)	2.4 (1.3-4.0)
4	29 (18-40)	18 (11-26)	11 (6.3-16)	8.5 (4.9-13)	6.7 (3.8-9.9)	5.2 (3.0-7.7)	4.0 (2.3-6.0)
5	43 (32-51)	29 (21-35)	18 (13-22)	14 (9.9-18)	11 (7.7-14)	8.7 (6.0-11)	6.8 (4.7-8.7)
6	59	43	28	23	18	14	11

Age = 70 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	5.8	3.5	2.0	1.6	1.2	0.9	0.7
1	10 (8.0-12)	6.3 (5.0-7.4)	3.7 (3.0-4.3)	2.9 (2.3-3.4)	2.2 (1.8-2.6)	1.7 (1.4-2.0)	1.3 (1.0-1.6)
2	17 (12-24)	11 (7.5-15)	6.7 (4.5-9.0)	5.2 (3.5-7.0)	4.1 (2.7-5.5)	3.1 (2.1-4.3)	2.4 (1.6-3.3)
3	28 (20-38)	19 (13-27)	12 (7.8-17)	9.3 (6.1-14)	7.2 (4.7-11)	5.6 (3.6-8.4)	4.4 (2.8-6.5)
4	42 (32-54)	31 (23-42)	20 (15-28)	16 (12-23)	13 (9.1-18)	9.9 (7.1-14)	7.7 (5.5-11)
5	58 (52-66)	46 (41-54)	33 (29-39)	27 (23-32)	21 (18-26)	17 (14-21)	13 (11-17)
6	71	63	50	42	34	28	22

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

Age = 75 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	8.8	5.8	3.6	2.8	2.1	1.6	1.3
1	16 (11-26)	11 (7.8-19)	7.0 (5.0-12)	5.4 (3.8-9.3)	4.2 (3.0-7.3)	3.2 (2.3-5.6)	2.5 (1.8-4.3)
2	26 (16-41)	19 (12-31)	13 (7.5-21)	10 (5.8-17)	7.9 (4.5-13)	6.1 (3.5-10)	4.7 (2.7-8.1)
3	39 (24-56)	32 (19-46)	23 (13-35)	18 (10-28)	14 (7.8-23)	11 (6.0-18)	8.7 (4.6-14)
4	53 (37-67)	47 (30-61)	36 (22-51)	30 (17-43)	24 (14-35)	19 (11-29)	15 (8.3-23)
5	66 (51-74)	62 (45-71)	53 (36-63)	46 (29-55)	38 (23-47)	31 (18-39)	25 (14-32)
6	76	74	69	62	55	47	39

Age = 80 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	12	9.0	6.0	4.6	3.6	2.7	2.1
1	21 (15-34)	16 (11-27)	11 (8.0-19)	8.6 (6.2-15)	6.7 (4.7-12)	5.1 (3.6-9.2)	3.9 (2.8-7.1)
2	31 (21-48)	26 (17-40)	19 (12-31)	15 (9.2-25)	12 (7.1-20)	9.2 (5.5-16)	7.1 (4.2-12)
3	43 (29-58)	38 (24-52)	30 (18-45)	25 (14-38)	20 (11-31)	16 (8.4-25)	12 (6.4-20)
4	55 (38-67)	51 (34-63)	44 (28-57)	37 (22-50)	31 (18-42)	25 (14-35)	20 (11-28)
5	66 (51-73)	63 (47-71)	59 (41-67)	51 (34-61)	44 (28-53)	37 (22-46)	31 (18-38)
6	75	73	71	65	58	51	43

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

Age = 85 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	15	12	8.9	6.8	5.2	4.0	3.0
1	24 (17-38)	20 (15-33)	16 (11-26)	12 (8.6-21)	9.4 (6.6-17)	7.3 (5.1-13)	5.6 (3.8-10)
2	35 (24-52)	31 (21-47)	25 (16-40)	20 (13-33)	16 (9.8-27)	13 (7.6-21)	9.7 (5.8-17)
3	46 (32-62)	43 (28-58)	37 (24-52)	31 (19-45)	25 (15-38)	20 (11-31)	16 (8.8-25)
4	58 (41-70)	55 (38-67)	50 (33-63)	43 (27-56)	37 (22-48)	30 (17-41)	25 (13-34)
5	67 (54-74)	65 (51-73)	63 (46-71)	56 (39-65)	49 (33-59)	42 (27-52)	36 (21-44)
6	74	74	73	67	61	55	48

Age = 90 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	17	13	9.4	7.3	5.6	4.3	3.2
1	26 (19-41)	22 (16-35)	16 (12-28)	13 (9.2-22)	10 (7.0-18)	7.7 (5.4-14)	5.9 (4.1-11)
2	38 (26-55)	33 (22-50)	27 (17-42)	21 (13-35)	17 (10-28)	13 (8.0-23)	10 (6.1-18)
3	50 (35-64)	45 (31-60)	39 (25-54)	33 (20-47)	27 (16-40)	21 (12-33)	17 (9.3-27)
4	60 (45-71)	57 (41-69)	53 (35-65)	46 (29-58)	39 (23-51)	32 (18-44)	26 (14-36)
5	67 (57-72)	67 (54-74)	65 (49-73)	59 (42-67)	52 (35-61)	45 (29-54)	38 (23-47)
6	69	73	74	69	64	58	51