

**Croatia - The probabilities of a hip fracture in women**

The following tables give the 10-year probability (%) of a hip fracture according to the T-score for femoral neck BMD, 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.

Note that the BMI is set at 24 kg/m<sup>2</sup>.

**Age = 50 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	13	6.6	3.4	1.8	0.9	0.5	0.2	0.1	0.1	0.0	0.0
1	20 (13-25)	11 (6.9-14)	5.5 (3.6-7.2)	2.8 (1.8-3.7)	1.5 (0.9-1.9)	0.7 (0.5-1.0)	0.4 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.1 (0.0-0.1)	0.0 (0.0-0.0)
2	29 (18-42)	16 (9.7-24)	8.7 (5.1-13)	4.5 (2.6-6.9)	2.3 (1.3-3.6)	1.2 (0.7-1.8)	0.6 (0.3-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.0 (0.0-0.1)
3	42 (26-60)	25 (14-38)	13 (7.7-22)	7.1 (4.0-12)	3.7 (2.0-6.1)	1.9 (1.0-3.2)	1.0 (0.5-1.6)	0.5 (0.3-0.9)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
4	57 (41-75)	36 (24-52)	20 (13-31)	11 (6.8-17)	5.8 (3.5-9.2)	3.0 (1.8-4.8)	1.5 (0.9-2.5)	0.8 (0.5-1.3)	0.4 (0.3-0.7)	0.2 (0.1-0.4)	0.1 (0.1-0.2)
5	73 (63-85)	50 (40-64)	30 (23-41)	17 (12-24)	8.9 (6.5-13)	4.6 (3.4-6.8)	2.4 (1.7-3.5)	1.2 (0.9-1.8)	0.7 (0.5-1.0)	0.3 (0.3-0.5)	0.2 (0.1-0.3)
6	87	66	43	25	13	7.1	3.7	1.9	1.0	0.5	0.3

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

**Age = 55 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	14	7.5	4.1	2.2	1.2	0.6	0.3	0.2	0.1	0.1	0.0
1	21 (14-25)	12 (7.9-14)	6.4 (4.3-7.9)	3.5 (2.3-4.3)	1.9 (1.3-2.3)	1.0 (0.7-1.3)	0.5 (0.4-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)
2	30 (20-41)	18 (11-25)	10 (6.1-14)	5.5 (3.3-8.0)	3.0 (1.8-4.3)	1.6 (0.9-2.3)	0.9 (0.5-1.3)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	0.1 (0.1-0.1)
3	43 (28-60)	26 (16-39)	15 (9.1-23)	8.5 (5.0-13)	4.7 (2.7-7.4)	2.5 (1.5-4.0)	1.4 (0.8-2.2)	0.8 (0.4-1.2)	0.4 (0.2-0.7)	0.2 (0.1-0.4)	0.1 (0.1-0.2)
4	58 (44-74)	38 (27-53)	23 (15-33)	13 (8.5-20)	7.2 (4.6-11)	3.9 (2.5-6.1)	2.1 (1.4-3.3)	1.2 (0.8-1.9)	0.7 (0.4-1.0)	0.4 (0.2-0.6)	0.2 (0.1-0.3)
5	73 (65-85)	51 (44-65)	33 (27-44)	19 (15-27)	11 (8.5-15)	6.0 (4.7-8.6)	3.2 (2.5-4.7)	1.8 (1.4-2.6)	1.0 (0.8-1.5)	0.6 (0.4-0.8)	0.3 (0.2-0.5)
6	86	67	45	28	16	9.0	4.9	2.8	1.5	0.9	0.5

**Age = 60 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	14	7.9	4.5	2.5	1.4	0.8	0.4	0.3	0.2	0.1	0.1
1	21 (14-24)	12 (8.3-14)	7.0 (4.7-8.2)	3.9 (2.7-4.7)	2.2 (1.5-2.6)	1.2 (0.8-1.5)	0.7 (0.5-0.8)	0.4 (0.3-0.5)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.1)
2	30 (20-39)	18 (12-24)	11 (6.7-14)	6.1 (3.8-8.3)	3.4 (2.1-4.7)	1.9 (1.2-2.7)	1.1 (0.7-1.5)	0.6 (0.4-0.9)	0.4 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
3	42 (29-56)	26 (17-38)	16 (10-23)	9.2 (5.7-14)	5.2 (3.2-8.0)	3.0 (1.8-4.5)	1.7 (1.0-2.6)	1.0 (0.6-1.5)	0.6 (0.3-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.3)
4	56 (44-71)	37 (28-51)	23 (17-33)	14 (9.6-20)	7.9 (5.4-12)	4.5 (3.1-6.8)	2.6 (1.8-3.9)	1.5 (1.0-2.3)	0.9 (0.6-1.3)	0.5 (0.3-0.8)	0.3 (0.2-0.4)
5	70 (64-81)	50 (44-63)	33 (28-43)	20 (17-27)	12 (9.7-16)	6.8 (5.5-9.6)	3.9 (3.2-5.5)	2.3 (1.8-3.2)	1.3 (1.1-1.9)	0.8 (0.6-1.1)	0.4 (0.4-0.6)
6	83	65	45	29	17	10	5.8	3.4	2.0	1.1	0.7

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

**Age = 65 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	14	8.1	4.8	2.8	1.6	0.9	0.6	0.3	0.2	0.1	0.1
1	20 (14-23)	12 (8.5-14)	7.2 (5.0-8.6)	4.3 (2.9-5.1)	2.5 (1.7-3.0)	1.5 (1.0-1.7)	0.9 (0.6-1.0)	0.5 (0.4-0.6)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
2	28 (20-36)	18 (12-23)	11 (7.1-14)	6.4 (4.2-8.4)	3.8 (2.4-5.0)	2.2 (1.4-2.9)	1.3 (0.9-1.8)	0.8 (0.5-1.1)	0.5 (0.3-0.6)	0.3 (0.2-0.4)	0.2 (0.1-0.2)
3	39 (28-51)	25 (18-35)	16 (11-22)	9.6 (6.3-14)	5.7 (3.7-8.2)	3.3 (2.2-4.8)	2.0 (1.3-3.0)	1.2 (0.8-1.8)	0.7 (0.5-1.1)	0.4 (0.3-0.6)	0.3 (0.2-0.4)
4	51 (42-65)	35 (28-47)	23 (17-32)	14 (10-20)	8.4 (6.1-12)	5.0 (3.6-7.3)	3.0 (2.2-4.5)	1.8 (1.3-2.7)	1.1 (0.8-1.6)	0.7 (0.5-1.0)	0.4 (0.3-0.6)
5	65 (59-75)	47 (41-59)	32 (27-41)	20 (17-27)	12 (10-17)	7.4 (6.0-10)	4.5 (3.7-6.3)	2.7 (2.2-3.8)	1.7 (1.3-2.3)	1.0 (0.8-1.4)	0.6 (0.5-0.9)
6	77	60	43	28	18	11	6.6	4.0	2.5	1.5	0.9

**Age = 70 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	14	8.6	5.3	3.3	2.0	1.2	0.8	0.5	0.3	0.2	0.1
1	22 (19-27)	14 (12-18)	8.8 (7.5-11)	5.4 (4.6-6.9)	3.3 (2.8-4.2)	2.1 (1.8-2.6)	1.3 (1.1-1.7)	0.8 (0.7-1.0)	0.5 (0.4-0.7)	0.3 (0.3-0.4)	0.2 (0.2-0.3)
2	33 (27-42)	22 (18-29)	14 (11-19)	8.9 (7.0-12)	5.5 (4.3-7.4)	3.4 (2.7-4.7)	2.2 (1.7-3.0)	1.4 (1.1-1.9)	0.9 (0.7-1.2)	0.5 (0.4-0.8)	0.3 (0.3-0.5)
3	47 (38-55)	33 (26-40)	22 (17-28)	14 (11-18)	9.0 (6.6-12)	5.6 (4.1-7.4)	3.6 (2.6-4.8)	2.3 (1.6-3.1)	1.4 (1.0-1.9)	0.9 (0.6-1.2)	0.6 (0.4-0.8)
4	62 (53-68)	47 (38-53)	33 (26-39)	22 (17-27)	14 (11-17)	9.1 (6.7-11)	5.9 (4.3-7.3)	3.8 (2.7-4.7)	2.4 (1.7-3.0)	1.5 (1.1-1.9)	1.0 (0.7-1.2)
5	75 (68-77)	62 (54-66)	47 (39-51)	33 (27-37)	22 (18-25)	15 (11-17)	9.5 (7.4-11)	6.1 (4.8-7.1)	3.9 (3.0-4.5)	2.5 (1.9-2.9)	1.6 (1.2-1.8)
6	83	75	62	47	33	23	15	9.9	6.4	4.1	2.6

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

**Age = 75 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	15	9.9	6.4	4.2	2.7	1.8	1.2	0.8	0.5	0.3	0.2
1	26 (20-48)	18 (14-35)	12 (9.0-25)	8.0 (5.8-17)	5.2 (3.8-11)	3.5 (2.5-7.5)	2.3 (1.6-5.0)	1.5 (1.1-3.3)	1.0 (0.7-2.2)	0.7 (0.5-1.5)	0.4 (0.3-1.0)
2	40 (27-61)	30 (19-49)	21 (13-37)	14 (8.2-26)	9.5 (5.3-18)	6.5 (3.5-12)	4.4 (2.4-8.5)	2.9 (1.6-5.7)	1.9 (1.0-3.8)	1.3 (0.7-2.6)	0.9 (0.4-1.7)
3	55 (38-72)	44 (27-61)	33 (18-49)	24 (12-36)	16 (8.0-26)	11 (5.3-18)	7.8 (3.6-13)	5.2 (2.4-8.8)	3.5 (1.6-5.9)	2.3 (1.0-4.0)	1.6 (0.7-2.7)
4	68 (49-78)	58 (37-70)	47 (27-59)	36 (18-47)	26 (12-35)	19 (8.3-26)	13 (5.6-19)	9.1 (3.8-13)	6.2 (2.5-8.9)	4.1 (1.7-6.0)	2.8 (1.1-4.1)
5	78 (61-83)	71 (50-77)	62 (38-68)	51 (28-57)	40 (19-45)	30 (14-34)	21 (9.3-25)	15 (6.3-18)	10 (4.3-12)	7.1 (2.9-8.5)	4.8 (1.9-5.7)
6	84	80	74	66	55	44	33	24	17	12	8.0

**Age = 80 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	16	11	7.8	5.3	3.6	2.5	1.8	1.2	0.9	0.6	0.4
1	27 (21-49)	20 (15-38)	14 (10-29)	9.9 (6.9-21)	6.9 (4.8-15)	4.9 (3.3-11)	3.5 (2.3-7.5)	2.4 (1.6-5.3)	1.7 (1.1-3.7)	1.2 (0.8-2.6)	0.8 (0.6-1.8)
2	39 (27-60)	31 (20-50)	23 (14-40)	17 (9.7-30)	12 (6.7-23)	8.7 (4.7-17)	6.3 (3.3-12)	4.4 (2.3-8.7)	3.1 (1.6-6.2)	2.2 (1.1-4.4)	1.5 (0.8-3.1)
3	52 (36-69)	43 (27-61)	35 (20-51)	26 (14-41)	20 (9.9-31)	15 (7.1-24)	11 (5.0-18)	7.7 (3.5-13)	5.5 (2.5-9.3)	3.9 (1.7-6.6)	2.7 (1.2-4.6)
4	64 (45-75)	56 (36-68)	47 (28-60)	38 (20-50)	30 (14-40)	23 (10-32)	17 (7.5-24)	13 (5.3-18)	9.2 (3.8-13)	6.6 (2.6-9.7)	4.6 (1.8-6.9)
5	74 (56-79)	68 (47-73)	60 (37-66)	51 (29-58)	42 (21-49)	34 (16-40)	27 (12-32)	20 (8.5-24)	15 (6.1-18)	11 (4.3-13)	7.7 (3.0-9.6)
6	81	77	71	64	56	47	38	30	23	17	12

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

**Age = 85 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	16	12	8.7	6.3	4.7	3.5	2.6	1.9	1.4	1.0	0.7
1	26 (20-47)	20 (15-39)	15 (11-31)	11 (8.2-24)	8.6 (6.1-18)	6.5 (4.5-14)	4.9 (3.4-11)	3.6 (2.5-7.9)	2.7 (1.8-5.9)	2.0 (1.3-4.4)	1.5 (1.0-3.2)
2	38 (26-58)	31 (20-49)	24 (15-41)	19 (11-33)	15 (8.5-26)	11 (6.4-21)	8.5 (4.7-16)	6.4 (3.5-12)	4.8 (2.6-9.3)	3.6 (1.9-7.0)	2.7 (1.4-5.2)
3	49 (34-65)	42 (27-58)	35 (20-51)	28 (15-43)	23 (12-35)	18 (9.0-29)	14 (6.8-23)	11 (5.1-18)	8.2 (3.8-14)	6.2 (2.8-10)	4.6 (2.1-7.8)
4	61 (42-72)	54 (35-66)	47 (28-59)	40 (22-51)	33 (17-44)	27 (13-37)	22 (10-30)	17 (7.6-24)	13 (5.7-19)	10 (4.3-14)	7.7 (3.2-11)
5	70 (52-76)	65 (44-71)	59 (37-65)	52 (30-58)	45 (24-51)	38 (19-44)	32 (15-37)	26 (11-30)	21 (8.7-25)	16 (6.6-19)	12 (4.9-15)
6	78	74	69	63	57	50	44	37	30	24	19

**Age = 90 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	13	10	7.7	5.8	4.6	3.5	2.8	2.1	1.6	1.3	1.0
1	22 (17-42)	17 (13-34)	14 (9.9-28)	11 (7.6-22)	8.4 (6.0-18)	6.7 (4.7-14)	5.2 (3.6-11)	4.1 (2.8-8.9)	3.2 (2.2-7.0)	2.5 (1.7-5.4)	1.9 (1.3-4.2)
2	33 (22-53)	27 (17-45)	22 (14-38)	18 (11-31)	14 (8.3-26)	12 (6.5-21)	9.2 (5.1-17)	7.2 (4.0-14)	5.7 (3.1-11)	4.5 (2.4-8.6)	3.5 (1.8-6.8)
3	45 (29-62)	39 (23-55)	33 (18-48)	27 (15-41)	23 (12-35)	19 (9.2-30)	15 (7.3-24)	12 (5.7-20)	9.6 (4.5-16)	7.6 (3.5-13)	6.0 (2.7-10)
4	57 (38-69)	51 (32-64)	45 (26-57)	39 (21-51)	33 (17-44)	28 (14-38)	23 (11-32)	19 (8.6-26)	16 (6.7-22)	12 (5.3-18)	9.9 (4.1-14)
5	67 (48-73)	63 (41-69)	57 (35-64)	51 (29-58)	46 (24-52)	40 (20-46)	34 (16-40)	29 (13-34)	24 (10-28)	19 (8.2-23)	16 (6.4-19)
6	75	72	68	63	58	53	47	41	35	29	24