

**Croatia - The probabilities of a major osteoporotic fracture in men**

The following tables give the 10-year probability (%) of a major osteoporotic fracture (hip, clinical spine, forearm or proximal humerus 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 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 <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.1	2.0	2.0	1.7	1.5	1.3	1.1
1	3.3 (2.2-5.0)	3.1 (2.1-4.5)	3.0 (2.0-4.2)	2.6 (1.8-3.7)	2.3 (1.5-3.2)	2.0 (1.3-2.8)	1.7 (1.1-2.4)
2	5.3 (2.8-8.9)	4.9 (2.6-8.4)	4.7 (2.5-8.1)	4.1 (2.1-7.1)	3.5 (1.8-6.2)	3.1 (1.6-5.4)	2.7 (1.4-4.8)
3	8.2 (4.2-14)	7.5 (3.7-13)	7.1 (3.4-13)	6.1 (2.9-11)	5.3 (2.5-9.8)	4.6 (2.2-8.5)	4.0 (1.9-7.4)
4	13 (6.8-20)	11 (6.0-18)	11 (5.5-17)	9.1 (4.7-15)	7.9 (4.0-13)	6.8 (3.5-11)	5.9 (3.0-10)
5	19 (11-25)	17 (11-22)	15 (10-21)	13 (8.9-18)	12 (7.7-16)	10 (6.7-14)	8.6 (5.8-12)
6	28	24	22	19	17	14	12

Ten year probability of osteoporotic 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/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.8	2.7	2.6	2.3	2.0	1.7	1.5
1	4.5 (3.1-6.7)	4.2 (2.9-6.0)	4.1 (2.8-5.6)	3.5 (2.4-4.8)	3.1 (2.0-4.2)	2.7 (1.8-3.6)	2.3 (1.5-3.1)
2	7.1 (4.0-11)	6.5 (3.6-11)	6.2 (3.4-11)	5.4 (2.9-9.2)	4.7 (2.5-8.1)	4.0 (2.2-7.0)	3.5 (1.9-6.1)
3	11 (6.0-18)	9.9 (5.2-17)	9.3 (4.7-16)	8.1 (4.0-14)	7.0 (3.5-12)	6.0 (3.0-11)	5.2 (2.5-9.4)
4	16 (9.6-25)	15 (8.4-23)	14 (7.6-22)	12 (6.4-19)	10 (5.5-17)	8.9 (4.7-15)	7.7 (4.0-13)
5	24 (15-31)	21 (14-28)	20 (14-26)	17 (12-23)	15 (10-20)	13 (8.8-17)	11 (7.6-15)
6	34	30	28	24	21	18	16

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.3	3.1	3.0	2.6	2.3	2.0	1.7
1	5.3 (3.6-7.5)	4.9 (3.3-6.7)	4.7 (3.2-6.3)	4.0 (2.7-5.4)	3.5 (2.3-4.6)	3.0 (2.0-4.0)	2.6 (1.7-3.4)
2	8.1 (4.8-13)	7.4 (4.3-12)	7.1 (4.0-12)	6.1 (3.4-10)	5.2 (2.9-8.8)	4.5 (2.5-7.6)	3.9 (2.1-6.6)
3	12 (7.4-19)	11 (6.3-18)	11 (5.6-18)	9.0 (4.8-15)	7.7 (4.0-13)	6.6 (3.4-12)	5.7 (2.9-10)
4	18 (12-26)	16 (10-25)	15 (9.0-24)	13 (7.6-21)	11 (6.3-18)	9.7 (5.4-16)	8.3 (4.5-13)
5	26 (17-33)	24 (16-31)	22 (15-29)	19 (13-25)	16 (11-22)	14 (9.7-19)	12 (8.3-16)
6	35	33	30	26	23	19	17

Ten year probability of osteoporotic 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/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.7	3.4	3.3	2.8	2.4	2.0	1.7
1	5.7 (4.0-7.8)	5.2 (3.7-7.0)	5.0 (3.4-6.6)	4.2 (2.9-5.6)	3.6 (2.5-4.7)	3.1 (2.1-4.0)	2.6 (1.8-3.5)
2	8.6 (5.4-13)	7.9 (4.8-12)	7.5 (4.4-12)	6.3 (3.7-10)	5.4 (3.1-8.8)	4.6 (2.6-7.6)	3.9 (2.2-6.6)
3	13 (8.2-18)	12 (7.3-18)	11 (6.4-18)	9.3 (5.3-15)	7.9 (4.4-13)	6.7 (3.7-11)	5.7 (3.1-9.6)
4	18 (12-26)	17 (11-25)	16 (10-24)	13 (8.3-21)	11 (6.9-18)	9.7 (5.7-15)	8.3 (4.7-13)
5	26 (18-33)	24 (17-31)	22 (16-29)	19 (14-25)	16 (12-22)	14 (9.9-19)	12 (8.4-16)
6	34	33	31	26	23	19	16

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.0	3.7	3.5	2.9	2.5	2.1	1.7
1	6.1 (4.3-7.8)	5.6 (4.0-7.2)	5.2 (3.7-6.7)	4.3 (3.1-5.6)	3.6 (2.5-4.7)	3.0 (2.1-4.0)	2.5 (1.8-3.3)
2	9.4 (6.0-14)	8.5 (5.4-12)	7.7 (4.8-11)	6.4 (4.0-9.3)	5.3 (3.3-7.8)	4.4 (2.7-6.5)	3.7 (2.3-5.4)
3	14 (8.6-21)	13 (7.9-19)	11 (7.3-17)	9.4 (6.0-14)	7.8 (4.9-12)	6.4 (4.0-9.6)	5.3 (3.3-8.0)
4	21 (14-29)	19 (12-27)	17 (11-24)	14 (9.0-20)	11 (7.3-17)	9.3 (6.0-14)	7.7 (4.8-12)
5	29 (24-37)	27 (22-34)	24 (19-31)	20 (16-26)	17 (13-22)	14 (10-18)	11 (8.4-15)
6	40	37	34	28	24	19	16

Ten year probability of osteoporotic 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/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.8	4.6	4.4	3.6	3.0	2.5	2.0
1	7.9 (5.2-12)	7.2 (4.9-11)	6.7 (4.6-8.8)	5.4 (3.8-7.1)	4.4 (3.0-5.6)	3.6 (2.5-4.5)	3.0 (2.0-3.7)
2	12 (7.0-21)	11 (6.7-18)	10 (6.2-15)	8.2 (5.0-12)	6.7 (4.0-10)	5.4 (3.3-8.1)	4.4 (2.7-6.5)
3	19 (9.9-31)	17 (9.4-27)	15 (8.9-23)	13 (7.2-19)	10 (5.7-15)	8.1 (4.6-12)	6.5 (3.7-10)
4	28 (16-39)	25 (15-36)	23 (14-33)	19 (11-27)	15 (8.8-22)	12 (7.0-18)	9.8 (5.6-15)
5	38 (25-47)	36 (24-45)	33 (23-42)	27 (19-35)	22 (15-29)	18 (12-24)	15 (9.8-20)
6	50	47	44	38	32	26	21

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	6.5	6.3	6.1	5.0	4.1	3.3	2.7
1	10 (6.8-17)	9.7 (6.6-15)	9.2 (6.4-13)	7.4 (5.1-10)	6.0 (4.1-8.2)	4.9 (3.3-6.5)	3.9 (2.7-5.2)
2	16 (9.2-25)	15 (8.8-23)	14 (8.6-20)	11 (6.9-16)	8.9 (5.5-13)	7.1 (4.4-10)	5.7 (3.5-8.3)
3	23 (13-35)	21 (12-32)	20 (12-29)	16 (9.4-24)	13 (7.5-20)	10 (5.9-16)	8.4 (4.7-13)
4	32 (19-44)	30 (18-41)	28 (18-38)	23 (14-32)	19 (12-26)	15 (9.1-22)	12 (7.3-17)
5	43 (28-51)	40 (27-49)	38 (26-47)	32 (21-40)	27 (18-34)	22 (14-28)	18 (11-23)
6	54	51	49	42	36	30	25

Ten year probability of osteoporotic 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/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	8.5	8.2	8.1	6.6	5.3	4.3	3.5
1	13 (9.1-22)	13 (8.6-20)	12 (8.4-18)	9.8 (6.7-14)	7.9 (5.3-11)	6.3 (4.3-8.9)	5.1 (3.4-7.1)
2	20 (12-32)	19 (11-29)	18 (11-27)	15 (8.9-22)	12 (7.1-18)	9.4 (5.6-14)	7.5 (4.4-11)
3	29 (17-42)	27 (16-39)	26 (15-37)	21 (12-31)	17 (9.6-26)	14 (7.6-21)	11 (6.0-17)
4	39 (24-51)	36 (23-48)	35 (22-46)	29 (18-39)	24 (15-33)	20 (12-28)	16 (9.3-23)
5	49 (35-58)	47 (33-56)	45 (32-54)	39 (26-47)	33 (22-41)	27 (18-35)	22 (14-29)
6	59	58	56	49	43	36	30

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	11	9.8	9.0	7.3	5.9	4.7	3.8
1	17 (12-27)	15 (11-24)	14 (9.7-21)	11 (7.7-16)	9.0 (6.2-13)	7.2 (4.9-10)	5.7 (3.9-8.2)
2	25 (16-39)	23 (15-35)	21 (13-31)	17 (11-25)	14 (8.4-20)	11 (6.7-16)	8.7 (5.3-13)
3	35 (22-49)	33 (20-46)	30 (18-42)	25 (15-35)	20 (12-29)	16 (9.3-24)	13 (7.3-20)
4	46 (31-58)	43 (28-55)	41 (27-52)	34 (22-45)	29 (18-38)	23 (14-32)	19 (12-27)
5	55 (42-62)	54 (40-62)	52 (38-61)	45 (32-54)	39 (26-48)	33 (21-41)	27 (17-35)
6	62	63	62	56	50	43	37