

**Turkey - 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 Turkey. 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	3.4	3.1	3.0	2.7	2.3	2.0	1.8
1	5.4 (3.7-8.0)	5.0 (3.4-7.0)	4.7 (3.2-6.5)	4.1 (2.8-5.7)	3.6 (2.4-4.9)	3.1 (2.1-4.3)	2.8 (1.8-3.8)
2	8.6 (4.7-14)	7.7 (4.1-13)	7.3 (3.9-12)	6.3 (3.4-11)	5.5 (2.9-9.6)	4.8 (2.5-8.4)	4.2 (2.2-7.4)
3	13 (6.8-22)	12 (5.8-21)	11 (5.3-20)	9.5 (4.6-17)	8.3 (4.0-15)	7.3 (3.5-13)	6.3 (3.0-12)
4	20 (12-31)	18 (9.7-28)	16 (8.7-26)	14 (7.5-23)	12 (6.5-20)	11 (5.6-18)	9.4 (4.9-16)
5	30 (19-38)	26 (17-33)	23 (16-31)	20 (14-27)	18 (12-24)	16 (11-21)	14 (9.3-19)
6	43	37	33	29	25	22	20

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

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.2	3.0	2.8	2.4	2.1	1.9	1.6
1	5.2 (3.6-7.6)	4.7 (3.2-6.6)	4.4 (3.0-6.0)	3.8 (2.6-5.2)	3.3 (2.2-4.5)	2.9 (1.9-3.9)	2.5 (1.7-3.4)
2	8.3 (4.7-13)	7.3 (4.0-12)	6.7 (3.7-11)	5.8 (3.2-9.9)	5.1 (2.7-8.6)	4.4 (2.4-7.5)	3.8 (2.0-6.6)
3	13 (7.1-21)	11 (5.8-19)	10 (5.1-18)	8.8 (4.4-16)	7.6 (3.8-14)	6.6 (3.2-12)	5.7 (2.8-10)
4	20 (12-29)	17 (9.8-26)	15 (8.5-24)	13 (7.2-21)	11 (6.2-18)	9.8 (5.3-16)	8.5 (4.5-14)
5	29 (19-37)	25 (17-32)	22 (15-29)	19 (13-25)	16 (11-22)	14 (9.9-19)	12 (8.6-17)
6	41	35	31	27	24	20	18

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.2	2.9	2.7	2.3	2.0	1.8	1.5
1	5.1 (3.6-7.2)	4.5 (3.1-6.2)	4.2 (2.9-5.6)	3.6 (2.5-4.8)	3.1 (2.1-4.2)	2.7 (1.8-3.6)	2.3 (1.6-3.1)
2	8.0 (4.8-12)	7.0 (4.0-11)	6.4 (3.6-11)	5.5 (3.1-9.1)	4.8 (2.6-7.9)	4.1 (2.2-6.9)	3.5 (1.9-6.0)
3	12 (7.3-19)	11 (5.9-17)	9.6 (5.1-16)	8.3 (4.3-14)	7.1 (3.7-12)	6.1 (3.1-11)	5.3 (2.7-9.3)
4	18 (12-27)	16 (9.9-24)	14 (8.4-22)	12 (7.1-19)	11 (6.0-17)	9.0 (5.1-15)	7.8 (4.3-13)
5	27 (18-34)	23 (16-30)	21 (15-27)	18 (13-23)	15 (11-20)	13 (9.2-18)	11 (7.9-15)
6	38	33	29	25	22	19	16

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.3	3.1	2.9	2.5	2.1	1.8	1.6
1	5.2 (3.7-7.1)	4.7 (3.3-6.3)	4.4 (3.1-5.8)	3.8 (2.6-5.0)	3.2 (2.2-4.3)	2.8 (1.9-3.6)	2.4 (1.6-3.1)
2	7.9 (5.0-12)	7.2 (4.3-11)	6.7 (3.9-11)	5.7 (3.3-9.2)	4.9 (2.8-8.0)	4.2 (2.3-6.9)	3.6 (2.0-6.0)
3	12 (7.8-17)	11 (6.5-16)	9.9 (5.6-16)	8.4 (4.7-14)	7.2 (4.0-12)	6.1 (3.3-10)	5.2 (2.8-8.9)
4	17 (12-25)	16 (10-23)	14 (9.1-22)	12 (7.5-19)	10 (6.3-16)	8.9 (5.2-14)	7.6 (4.4-12)
5	25 (18-31)	22 (16-29)	21 (15-27)	18 (13-23)	15 (11-20)	13 (9.2-17)	11 (7.8-15)
6	34	31	29	25	21	18	15

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.0	3.8	3.6	3.0	2.5	2.1	1.8
1	6.1 (4.3-7.9)	5.7 (4.0-7.3)	5.3 (3.8-6.8)	4.4 (3.1-5.8)	3.7 (2.6-4.9)	3.1 (2.2-4.1)	2.6 (1.8-3.5)
2	9.3 (6.0-14)	8.5 (5.4-13)	7.8 (4.9-11)	6.5 (4.1-9.4)	5.4 (3.4-7.9)	4.5 (2.8-6.6)	3.8 (2.3-5.6)
3	14 (8.4-21)	13 (7.9-19)	12 (7.3-17)	9.5 (6.0-14)	7.9 (5.0-12)	6.5 (4.1-9.9)	5.4 (3.4-8.2)
4	20 (13-28)	19 (12-27)	17 (11-24)	14 (9.1-20)	11 (7.4-17)	9.5 (6.1-14)	7.8 (5.0-12)
5	28 (23-36)	27 (21-34)	24 (19-31)	20 (16-26)	17 (13-22)	14 (10-18)	11 (8.5-15)
6	38	36	34	28	24	20	16

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

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	5.4	5.1	4.7	3.9	3.2	2.6	2.2
1	8.8 (5.8-14)	8.0 (5.5-12)	7.2 (5.1-9.7)	5.9 (4.1-7.8)	4.8 (3.3-6.2)	3.9 (2.7-5.0)	3.2 (2.2-4.0)
2	14 (7.8-23)	13 (7.5-20)	11 (6.8-17)	9.0 (5.5-14)	7.3 (4.4-11)	5.9 (3.6-8.9)	4.8 (2.9-7.1)
3	21 (11-33)	19 (10-30)	17 (9.9-25)	14 (8.0-21)	11 (6.4-17)	9.0 (5.1-14)	7.2 (4.1-11)
4	30 (17-42)	28 (16-39)	25 (15-36)	21 (12-30)	17 (9.8-24)	14 (7.8-20)	11 (6.2-16)
5	40 (27-49)	38 (26-48)	36 (25-45)	30 (20-38)	25 (17-32)	20 (14-26)	16 (11-22)
6	52	49	47	41	34	29	23

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	7.4	6.9	6.5	5.3	4.3	3.5	2.8
1	12 (8.0-19)	11 (7.4-17)	10 (7.0-15)	8.0 (5.6-12)	6.5 (4.4-9.2)	5.2 (3.5-7.3)	4.2 (2.8-5.7)
2	18 (11-29)	17 (10-26)	15 (9.5-22)	12 (7.6-18)	9.8 (6.0-14)	7.8 (4.8-11)	6.2 (3.8-9.1)
3	26 (15-39)	24 (14-36)	22 (13-32)	18 (11-27)	15 (8.3-22)	12 (6.6-18)	9.3 (5.2-14)
4	36 (22-48)	34 (21-45)	31 (20-42)	26 (16-35)	21 (13-29)	17 (10-24)	14 (8.1-19)
5	47 (32-56)	45 (30-54)	42 (29-51)	36 (24-44)	30 (19-38)	24 (16-32)	20 (13-26)
6	58	56	53	47	40	34	28

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	9.5	9.1	9.0	7.3	5.9	4.8	3.8
1	15 (10-24)	14 (9.5-22)	13 (9.3-20)	11 (7.4-16)	8.7 (5.9-13)	7.0 (4.7-9.9)	5.6 (3.7-7.8)
2	22 (14-35)	21 (13-32)	20 (12-29)	16 (9.8-24)	13 (7.7-19)	10 (6.1-15)	8.2 (4.8-12)
3	31 (19-45)	29 (17-42)	28 (17-40)	23 (13-34)	19 (11-28)	15 (8.4-23)	12 (6.6-19)
4	42 (27-54)	39 (25-52)	37 (24-49)	31 (20-42)	26 (16-36)	21 (13-30)	17 (10-25)
5	52 (38-61)	50 (36-59)	48 (34-57)	42 (29-50)	35 (24-44)	29 (19-37)	24 (16-31)
6	62	61	59	52	46	39	33

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	12	11	11	8.7	7.1	5.7	4.6
1	19 (13-29)	17 (12-26)	16 (11-23)	13 (9.0-19)	10 (7.2-15)	8.4 (5.7-12)	6.8 (4.6-9.4)
2	27 (18-41)	25 (16-38)	23 (15-34)	19 (12-28)	15 (9.7-23)	12 (7.7-18)	10 (6.1-15)
3	37 (24-52)	35 (22-49)	32 (20-45)	27 (16-39)	22 (13-32)	18 (10-27)	15 (8.3-22)
4	48 (33-60)	46 (31-58)	43 (29-55)	37 (24-48)	31 (20-41)	26 (16-35)	21 (13-29)
5	57 (44-64)	56 (42-64)	54 (40-63)	48 (34-57)	41 (29-50)	35 (24-44)	29 (19-37)
6	62	65	64	59	52	46	39