Turkey - 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 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/m²)						
	15	20	25	30	35	40	45
0	0.7	0.4	0.2	0.2	0.1	0.1	0.1
1	1.4 (0.9-2.7)	0.8 (0.5-1.5)	0.4 (0.3-0.8)	0.3 (0.2-0.6)	0.3 (0.2-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
2	2.7 (1.3-5.6)	1.5 (0.7-3.1)	0.8 (0.4-1.7)	0.6 (0.3-1.4)	0.5 (0.2-1.1)	0.4 (0.2-0.8)	0.3 (0.2-0.6)
3	4.9 (2.0-9.6)	2.8 (1.1-5.5)	1.5 (0.6-3.1)	1.2 (0.5-2.4)	0.9 (0.4-1.9)	0.7 (0.3-1.4)	0.6 (0.2-1.1)
4	8.9 (3.6-14)	5.1 (2.0-8.3)	2.8 (1.1-4.6)	2.2 (0.9-3.6)	1.7 (0.7-2.8)	1.3 (0.5-2.2)	1.0 (0.4-1.7)
5	15 (7.2-20)	9.0 (4.1-12)	5.1 (2.3-6.8)	4.0 (1.8-5.3)	3.1 (1.4-4.2)	2.4 (1.1-3.2)	1.9 (0.8-2.5)
6	25	15	8.9	7.0	5.4	4.2	3.3

Ten year probability of hip 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/m²)						
	15	20	25	30	35	40	45
0	0.9	0.5	0.3	0.2	0.2	0.1	0.1
1	1.8 (1.2-3.1)	1.0 (0.7-1.8)	0.5 (0.4-1.0)	0.4 (0.3-0.8)	0.3 (0.2-0.6)	0.3 (0.2-0.5)	0.2 (0.1-0.4)
2	3.2 (1.8-6.2)	1.9 (1.0-3.6)	1.0 (0.6-2.0)	0.8 (0.4-1.6)	0.6 (0.3-1.2)	0.5 (0.3-0.9)	0.4 (0.2-0.7)
3	5.8 (2.7-11)	3.4 (1.5-6.3)	1.9 (0.9-3.6)	1.5 (0.7-2.8)	1.1 (0.5-2.2)	0.9 (0.4-1.7)	0.7 (0.3-1.3)
4	10 (4.7-16)	6.0 (2.7-9.4)	3.4 (1.5-5.4)	2.6 (1.2-4.2)	2.1 (0.9-3.3)	1.6 (0.7-2.5)	1.2 (0.5-2.0)
5	17 (9.1-22)	10 (5.4-13)	6.0 (3.1-7.9)	4.6 (2.4-6.1)	3.6 (1.9-4.8)	2.8 (1.5-3.7)	2.2 (1.1-2.9)
6	27	17	10	8.0	6.2	4.9	3.8

Age = 60 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	1.2	0.7	0.4	0.3	0.2	0.2	0.1
1	2.1 (1.5-3.4)	1.2 (0.9-2.0)	0.7 (0.5-1.1)	0.5 (0.4-0.9)	0.4 (0.3-0.7)	0.3 (0.2-0.5)	0.3 (0.2-0.4)
2	3.7 (2.2-6.5)	2.2 (1.3-3.9)	1.3 (0.7-2.3)	1.0 (0.6-1.8)	0.8 (0.4-1.4)	0.6 (0.3-1.1)	0.5 (0.3-0.8)
3	6.4 (3.3-11)	3.9 (2.0-6.9)	2.3 (1.1-4.0)	1.8 (0.9-3.1)	1.4 (0.7-2.4)	1.0 (0.5-1.9)	0.8 (0.4-1.4)
4	11 (5.7-16)	6.7 (3.5-10)	3.9 (2.0-6.1)	3.1 (1.5-4.7)	2.4 (1.2-3.7)	1.8 (0.9-2.8)	1.4 (0.7-2.2)
5	17 (11-22)	11 (6.7-14)	6.7 (4.0-8.7)	5.2 (3.1-6.8)	4.1 (2.4-5.2)	3.1 (1.9-4.1)	2.4 (1.4-3.1)
6	27	18	11	8.8	6.8	5.3	4.1

Ten year probability of hip 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/m²)						
	15	20	25	30	35	40	45
0	1.5	0.9	0.6	0.4	0.3	0.3	0.2
1	2.6 (2.0-3.7)	1.6 (1.2-2.3)	1.0 (0.7-1.4)	0.8 (0.6-1.1)	0.6 (0.4-0.8)	0.4 (0.3-0.6)	0.3 (0.3-0.5)
2	4.3 (2.6-6.6)	2.8 (1.7-4.4)	1.7 (1.0-2.7)	1.3 (0.8-2.1)	1.0 (0.6-1.6)	0.8 (0.5-1.2)	0.6 (0.4-1.0)
3	7.0 (4.0-11)	4.6 (2.6-7.6)	2.9 (1.6-4.8)	2.2 (1.2-3.7)	1.7 (0.9-2.8)	1.3 (0.7-2.2)	1.0 (0.6-1.7)
4	11 (6.9-16)	7.5 (4.5-11)	4.8 (2.8-7.2)	3.7 (2.2-5.6)	2.8 (1.7-4.3)	2.2 (1.3-3.3)	1.7 (1.0-2.5)
5	17 (12-21)	12 (8.2-15)	7.9 (5.3-9.8)	6.1 (4.1-7.6)	4.7 (3.2-5.9)	3.6 (2.4-4.5)	2.8 (1.9-3.5)
6	25	19	13	9.9	7.7	5.9	4.6

Age = 70 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	2.3	1.6	1.1	0.8	0.6	0.5	0.4
1	3.9 (2.8-4.8)	2.8 (2.1-3.4)	1.9 (1.4-2.2)	1.4 (1.1-1.7)	1.1 (0.8-1.3)	0.8 (0.6-1.0)	0.6 (0.5-0.8)
2	6.6 (4.3-9.9)	4.9 (3.2-7.1)	3.3 (2.2-4.7)	2.5 (1.7-3.6)	1.9 (1.3-2.8)	1.5 (1.0-2.1)	1.1 (0.7-1.6)
3	11 (6.4-16)	8.2 (5.1-12)	5.7 (3.8-8.4)	4.4 (2.9-6.5)	3.4 (2.2-5.0)	2.6 (1.7-3.8)	2.0 (1.2-2.9)
4	17 (11-23)	13 (8.7-19)	9.7 (6.5-14)	7.5 (5.0-11)	5.8 (3.8-8.5)	4.4 (2.9-6.6)	3.4 (2.2-5.0)
5	25 (20-32)	21 (17-27)	16 (13-20)	12 (10-16)	9.7 (7.8-13)	7.4 (6.0-9.8)	5.7 (4.6-7.5)
6	35	31	25	20	16	12	9.4

Ten year probability of hip 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/m²)						
	15	20	25	30	35	40	45
0	3.9	3.0	2.1	1.6	1.2	0.9	0.7
1	7.0 (4.6-13)	5.6 (3.7-9.9)	4.0 (2.7-7.1)	3.1 (2.1-5.5)	2.3 (1.6-4.2)	1.8 (1.2-3.2)	1.3 (0.9-2.4)
2	12 (6.4-21)	9.8 (5.5-17)	7.4 (4.1-12)	5.6 (3.1-9.7)	4.3 (2.4-7.5)	3.3 (1.8-5.7)	2.5 (1.4-4.4)
3	19 (9.4-31)	16 (8.2-27)	13 (6.6-21)	9.9 (5.0-16)	7.6 (3.8-13)	5.9 (2.9-9.8)	4.5 (2.2-7.6)
4	28 (15-40)	25 (14-36)	21 (11-31)	16 (8.6-25)	13 (6.6-20)	10 (5.0-15)	7.7 (3.8-12)
5	39 (24-48)	36 (22-45)	32 (19-40)	26 (15-34)	21 (11-27)	16 (8.8-22)	13 (6.7-17)
6	50	48	44	37	31	25	20

Age = 80 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	6.1	4.9	3.6	2.7	2.1	1.6	1.2
1	10 (7.0-18)	8.5 (5.8-15)	6.5 (4.5-12)	5.0 (3.4-9.1)	3.8 (2.6-7.0)	2.9 (1.9-5.3)	2.2 (1.5-4.1)
2	17 (9.8-28)	14 (8.4-24)	11 (6.7-19)	8.7 (5.1-15)	6.7 (3.9-12)	5.1 (2.9-9.1)	3.9 (2.2-7.0)
3	25 (14-38)	22 (12-33)	18 (10-28)	14 (7.8-23)	11 (6.0-18)	8.6 (4.5-14)	6.6 (3.4-11)
4	35 (20-47)	32 (18-43)	28 (15-38)	22 (12-31)	18 (9.0-25)	14 (6.9-20)	11 (5.2-16)
5	46 (31-55)	43 (27-52)	39 (24-48)	33 (19-41)	27 (15-34)	21 (12-28)	17 (8.8-22)
6	58	55	51	44	37	31	25

Ten year probability of hip 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/m²)						
	15	**20**	**25**	**30**	**35**	**40**	**45**
0	7.9	6.6	5.2	3.9	3.0	2.2	1.7
1	13 (9.0-23)	11 (7.6-20)	9.2 (6.3-16)	7.0 (4.7-13)	5.4 (3.6-9.8)	4.1 (2.7-7.5)	3.1 (2.0-5.7)
2	21 (12-34)	18 (11-30)	15 (9.2-26)	12 (7.0-21)	9.1 (5.3-16)	7.0 (4.0-13)	5.3 (3.0-9.7)
3	30 (18-44)	27 (15-40)	23 (13-35)	19 (10-29)	15 (7.8-23)	11 (5.9-18)	8.9 (4.5-14)
4	41 (25-53)	37 (22-50)	34 (19-45)	28 (15-38)	22 (12-32)	18 (9.0-26)	14 (6.8-20)
5	52 (36-60)	49 (33-58)	45 (29-54)	39 (24-47)	32 (19-41)	26 (15-34)	21 (11-28)
6	61	60	57	50	44	37	31

Age = 90 years

Number of CRFs	BMI (kg/m²)						
	15	**20**	**25**	**30**	**35**	**40**	**45**
0	10	8.1	6.2	4.7	3.6	2.7	2.0
1	17 (12-28)	14 (9.6-24)	11 (7.6-19)	8.4 (5.8-15)	6.5 (4.4-12)	4.9 (3.3-9.0)	3.7 (2.5-6.9)
2	25 (16-40)	22 (14-36)	18 (11-30)	14 (8.6-24)	11 (6.5-19)	8.5 (5.0-15)	6.5 (3.8-12)
3	36 (23-50)	32 (20-46)	28 (16-40)	22 (13-33)	18 (9.9-27)	14 (7.5-22)	11 (5.7-17)
4	47 (31-59)	44 (27-56)	39 (24-51)	33 (19-44)	27 (15-37)	22 (11-30)	17 (8.6-25)
5	56 (43-63)	55 (39-63)	52 (35-60)	45 (29-54)	38 (23-47)	32 (18-40)	26 (14-33)
6	62	64	63	57	50	43	37