

**Uzbekistan - The probabilities of a major osteoporotic fracture in women**

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 Uzbekistan. 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	6.7	6.1	5.8	5.0	4.4	3.9	3.4
1	11 (7.6-16)	9.6 (6.6-14)	8.9 (6.1-12)	7.8 (5.3-11)	6.8 (4.6-9.4)	6.0 (4.1-8.2)	5.2 (3.5-7.2)
2	17 (9.7-27)	15 (8.2-24)	14 (7.4-23)	12 (6.5-20)	10 (5.6-18)	9.1 (4.9-16)	8.0 (4.3-14)
3	26 (14-42)	22 (12-37)	20 (10-35)	18 (8.8-31)	16 (7.7-27)	14 (6.7-24)	12 (5.8-22)
4	39 (23-55)	33 (19-48)	29 (17-45)	26 (15-40)	23 (13-36)	20 (11-32)	18 (9.5-28)
5	54 (37-65)	46 (32-57)	41 (29-52)	37 (26-47)	32 (23-42)	29 (20-37)	25 (18-33)
6	72	62	56	50	45	40	35

Ten years probability of osteoporotic fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in women from Uzbekistan.

Age = 55 years

Number of CRFs	BMI kg/m <sup>2</sup>						
	15	20	25	30	35	40	45
0	9.3	8.2	7.6	6.6	5.8	5.0	4.4
1	15 (11-21)	13 (9.1-18)	12 (8.2-16)	10 (7.1-14)	8.9 (6.1-12)	7.8 (5.3-10)	6.8 (4.6-9.1)
2	23 (14-35)	20 (11-30)	18 (10.0-28)	15 (8.6-25)	13 (7.5-22)	12 (6.5-19)	10 (5.6-17)
3	34 (20-51)	29 (16-46)	26 (14-42)	23 (12-38)	20 (10-34)	17 (8.9-30)	15 (7.7-27)
4	49 (32-65)	41 (27-58)	37 (23-53)	32 (20-48)	29 (17-43)	25 (15-39)	22 (13-35)
5	65 (48-75)	56 (42-67)	50 (38-61)	45 (33-56)	40 (29-50)	35 (26-45)	31 (23-40)
6	80	72	66	60	54	48	43

Age = 60 years

Number of CRFs	BMI kg/m <sup>2</sup>						
	15	20	25	30	35	40	45
0	13	11	10	8.8	7.6	6.6	5.8
1	20 (15-28)	17 (12-23)	15 (11-20)	13 (9.4-18)	12 (8.1-15)	10 (7.0-13)	8.8 (6.1-12)
2	30 (20-43)	26 (16-37)	23 (14-35)	20 (12-31)	17 (10-27)	15 (8.6-24)	13 (7.5-21)
3	44 (29-59)	37 (23-54)	33 (19-50)	29 (16-45)	25 (14-41)	22 (12-36)	19 (10-32)
4	59 (42-73)	51 (36-67)	45 (31-62)	40 (26-57)	36 (23-51)	31 (20-46)	28 (17-42)
5	73 (60-81)	66 (53-76)	60 (47-71)	54 (42-65)	48 (37-59)	43 (33-54)	38 (29-48)
6	84	80	74	69	63	57	51

Ten years probability of osteoporotic fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in women from Uzbekistan.

Age = 65 years

Number of CRFs	BMI kg/m <sup>2</sup>						
	15	20	25	30	35	40	45
0	16	14	12	11	9.2	7.9	6.9
1	25 (19-32)	21 (16-27)	18 (13-23)	16 (12-20)	14 (9.9-18)	12 (8.5-15)	10 (7.3-13)
2	36 (25-48)	31 (20-42)	27 (17-39)	23 (14-35)	20 (12-31)	18 (11-27)	15 (9.0-24)
3	49 (37-63)	43 (29-59)	38 (24-55)	33 (20-50)	29 (17-45)	26 (15-40)	22 (13-36)
4	64 (50-75)	57 (43-71)	51 (38-68)	46 (32-62)	40 (28-56)	36 (24-51)	31 (20-46)
5	76 (66-82)	71 (60-79)	65 (54-75)	59 (49-70)	53 (43-64)	48 (38-58)	43 (33-53)
6	84	82	78	73	67	61	56

Age = 70 years

Number of CRFs	BMI kg/m <sup>2</sup>						
	15	20	25	30	35	40	45
0	19	16	14	12	11	9.0	7.8
1	28 (22-34)	24 (18-29)	21 (16-26)	18 (13-22)	15 (11-19)	13 (9.7-17)	11 (8.3-14)
2	41 (29-52)	34 (24-45)	30 (20-39)	25 (17-34)	22 (14-30)	19 (12-26)	16 (10-22)
3	54 (42-67)	47 (34-61)	41 (28-56)	36 (24-50)	31 (20-44)	27 (17-38)	23 (15-33)
4	68 (56-78)	62 (50-74)	55 (43-69)	48 (37-63)	42 (32-56)	37 (27-50)	32 (23-44)
5	78 (73-83)	74 (69-81)	69 (62-78)	63 (55-72)	56 (48-66)	50 (42-59)	43 (36-53)
6	84	83	81	76	70	64	57

Ten years probability of osteoporotic fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in women from Uzbekistan.

Age = 75 years

Number of CRFs	BMI kg/m <sup>2</sup>						
	15	20	25	30	35	40	45
0	21	18	16	14	12	10.0	8.5
1	32 (24-43)	27 (20-35)	23 (18-28)	20 (15-24)	17 (13-20)	14 (11-17)	12 (9.0-15)
2	45 (31-60)	39 (27-53)	34 (23-44)	29 (19-38)	24 (16-32)	21 (14-27)	17 (11-23)
3	58 (42-73)	53 (38-67)	47 (32-61)	40 (27-54)	35 (23-47)	29 (19-41)	25 (16-35)
4	70 (55-80)	66 (51-77)	61 (46-74)	54 (40-68)	48 (34-61)	41 (29-54)	35 (24-47)
5	78 (69-83)	77 (67-83)	74 (64-81)	68 (58-76)	62 (51-71)	55 (45-64)	48 (39-57)
6	83	83	83	79	74	68	62

Age = 80 years

Number of CRFs	BMI kg/m <sup>2</sup>						
	15	20	25	30	35	40	45
0	21	19	17	14	12	10	8.5
1	31 (23-43)	27 (21-38)	25 (18-31)	21 (15-26)	17 (13-21)	14 (11-18)	12 (8.8-15)
2	42 (30-57)	39 (27-52)	35 (24-44)	29 (20-38)	25 (17-32)	21 (14-27)	17 (11-23)
3	54 (39-68)	51 (37-64)	47 (34-59)	40 (28-52)	34 (24-45)	29 (20-38)	24 (16-33)
4	65 (51-75)	62 (49-73)	59 (46-71)	53 (40-65)	46 (34-58)	40 (28-51)	34 (24-45)
5	73 (63-79)	72 (61-79)	70 (59-77)	65 (53-73)	58 (47-67)	52 (40-61)	45 (35-54)
6	79	79	79	74	69	63	57

Ten years probability of osteoporotic fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in women from Uzbekistan.

Age = 85 years

Number of CRFs	BMI kg/m <sup>2</sup>						
	15	20	25	30	35	40	45
0	19	17	17	14	11	9.5	7.9
1	28 (20-41)	26 (19-36)	24 (17-31)	20 (14-26)	16 (12-21)	14 (9.6-17)	11 (7.9-14)
2	39 (27-54)	36 (25-50)	33 (23-44)	28 (19-38)	23 (15-32)	19 (13-26)	16 (10-22)
3	50 (36-65)	47 (33-61)	44 (31-57)	38 (26-51)	32 (21-44)	27 (17-37)	23 (14-31)
4	61 (47-72)	59 (44-70)	56 (42-67)	50 (36-61)	43 (30-54)	37 (25-48)	31 (21-41)
5	69 (59-75)	69 (56-75)	67 (55-74)	61 (48-69)	55 (42-63)	48 (36-57)	41 (30-50)
6	74	76	75	71	66	59	53

Age = 90 years

Number of CRFs	BMI kg/m <sup>2</sup>						
	15	20	25	30	35	40	45
0	15	15	15	12	10	8.4	6.9
1	23 (17-35)	22 (16-31)	21 (15-28)	18 (12-23)	14 (10-19)	12 (8.2-15)	9.7 (6.7-12)
2	33 (22-48)	31 (21-44)	29 (20-40)	25 (16-34)	20 (13-28)	17 (11-23)	14 (8.7-19)
3	44 (30-58)	41 (27-55)	39 (26-52)	33 (22-46)	28 (18-39)	23 (14-33)	19 (12-28)
4	54 (40-66)	52 (38-64)	50 (37-61)	44 (31-55)	38 (26-48)	32 (21-42)	27 (17-36)
5	63 (51-69)	62 (50-69)	61 (48-69)	55 (42-63)	48 (36-57)	42 (31-51)	36 (26-44)
6	67	70	70	65	59	53	46