

**Pakistan - 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 Pakistan. 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	6.1	3.1	1.6	0.8	0.4	0.2	0.1	0.1	0.0	0.0	0.0
1	9.6 (6.4-12)	5.0 (3.3-6.6)	2.6 (1.7-3.4)	1.3 (0.9-1.8)	0.7 (0.4-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)	0.0 (0.0-0.0)
2	15 (8.9-22)	7.9 (4.7-12)	4.1 (2.4-6.3)	2.1 (1.2-3.3)	1.1 (0.6-1.7)	0.6 (0.3-0.9)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)
3	22 (13-34)	12 (7.0-20)	6.5 (3.6-11)	3.4 (1.9-5.5)	1.7 (1.0-2.9)	0.9 (0.5-1.5)	0.5 (0.3-0.8)	0.2 (0.1-0.4)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.1)
4	33 (22-47)	19 (12-28)	10 (6.2-16)	5.2 (3.2-8.3)	2.7 (1.7-4.3)	1.4 (0.8-2.2)	0.7 (0.4-1.1)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
5	46 (36-59)	27 (21-37)	15 (11-21)	8.1 (5.9-12)	4.2 (3.1-6.1)	2.2 (1.6-3.2)	1.1 (0.8-1.6)	0.6 (0.4-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
6	61	39	22	12	6.4	3.3	1.7	0.9	0.5	0.3	0.1

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

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	7.7	4.2	2.3	1.2	0.7	0.4	0.2	0.1	0.1	0.0	0.0
1	12 (8.1-15)	6.6 (4.4-8.1)	3.6 (2.4-4.5)	1.9 (1.3-2.4)	1.1 (0.7-1.3)	0.6 (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)	0.0 (0.0-0.0)
2	18 (11-25)	10 (6.2-14)	5.6 (3.4-8.1)	3.1 (1.8-4.4)	1.7 (1.0-2.4)	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)	0.0 (0.0-0.1)
3	26 (17-38)	15 (9.3-23)	8.6 (5.1-13)	4.7 (2.8-7.4)	2.6 (1.5-4.1)	1.4 (0.8-2.2)	0.7 (0.4-1.2)	0.4 (0.2-0.7)	0.2 (0.1-0.4)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
4	37 (27-52)	23 (15-33)	13 (8.6-20)	7.2 (4.7-11)	4.0 (2.6-6.1)	2.2 (1.4-3.4)	1.2 (0.8-1.8)	0.6 (0.4-1.0)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
5	50 (43-63)	32 (26-43)	19 (15-26)	11 (8.5-15)	6.0 (4.7-8.6)	3.3 (2.6-4.7)	1.8 (1.4-2.6)	1.0 (0.8-1.4)	0.6 (0.4-0.8)	0.3 (0.2-0.5)	0.2 (0.1-0.3)
6	65	45	28	16	9.0	5.0	2.7	1.5	0.8	0.5	0.3

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	11	6.2	3.5	2.0	1.1	0.6	0.4	0.2	0.1	0.1	0.0
1	16 (11-19)	9.4 (6.5-11)	5.4 (3.7-6.3)	3.1 (2.1-3.6)	1.7 (1.2-2.0)	1.0 (0.7-1.1)	0.5 (0.4-0.6)	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	23 (16-31)	14 (9.1-19)	8.2 (5.2-11)	4.7 (2.9-6.4)	2.6 (1.7-3.6)	1.5 (0.9-2.1)	0.8 (0.5-1.2)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
3	33 (23-45)	21 (14-29)	12 (7.8-18)	7.1 (4.5-10)	4.0 (2.5-6.0)	2.3 (1.4-3.4)	1.3 (0.8-2.0)	0.8 (0.5-1.1)	0.4 (0.3-0.7)	0.3 (0.2-0.4)	0.1 (0.1-0.2)
4	45 (35-58)	29 (21-40)	18 (13-26)	11 (7.4-15)	6.0 (4.2-9.0)	3.4 (2.4-5.2)	2.0 (1.4-3.0)	1.1 (0.8-1.7)	0.7 (0.5-1.0)	0.4 (0.3-0.6)	0.2 (0.2-0.3)
5	58 (52-69)	40 (35-51)	25 (22-34)	15 (13-21)	9.0 (7.5-13)	5.1 (4.3-7.2)	3.0 (2.5-4.2)	1.7 (1.4-2.5)	1.0 (0.8-1.4)	0.6 (0.5-0.8)	0.3 (0.3-0.5)
6	70	52	35	22	13	7.6	4.4	2.6	1.5	0.9	0.5

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

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	13	8.0	4.8	2.8	1.6	1.0	0.6	0.4	0.2	0.1	0.1
1	19 (14-22)	12 (8.4-14)	7.1 (5.0-8.3)	4.2 (2.9-5.0)	2.5 (1.7-2.9)	1.4 (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	27 (19-34)	17 (12-22)	10 (7.0-14)	6.3 (4.2-8.2)	3.7 (2.4-4.9)	2.2 (1.4-2.9)	1.3 (0.9-1.7)	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	37 (27-46)	24 (17-32)	15 (10-21)	9.2 (6.3-13)	5.5 (3.7-7.8)	3.3 (2.2-4.6)	2.0 (1.3-2.8)	1.2 (0.8-1.7)	0.7 (0.5-1.1)	0.4 (0.3-0.6)	0.3 (0.2-0.4)
4	48 (40-59)	33 (26-43)	22 (17-29)	13 (10-19)	8.1 (6.0-12)	4.8 (3.6-7.0)	2.9 (2.2-4.3)	1.8 (1.3-2.6)	1.1 (0.8-1.6)	0.7 (0.5-1.0)	0.4 (0.3-0.6)
5	60 (56-69)	44 (39-54)	30 (26-38)	19 (16-25)	12 (9.9-16)	7.1 (5.9-9.7)	4.3 (3.6-6.0)	2.7 (2.2-3.7)	1.6 (1.3-2.3)	1.0 (0.8-1.4)	0.6 (0.5-0.8)
6	70	55	40	26	17	10	6.3	3.9	2.4	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	13	8.5	5.3	3.3	2.0	1.2	0.8	0.5	0.3	0.2	0.1
1	21 (18-26)	14 (12-17)	8.6 (7.4-11)	5.3 (4.6-6.8)	3.3 (2.8-4.2)	2.0 (1.8-2.6)	1.3 (1.1-1.7)	0.8 (0.7-1.1)	0.5 (0.4-0.7)	0.3 (0.3-0.4)	0.2 (0.2-0.3)
2	31 (26-39)	21 (17-27)	14 (11-18)	8.6 (6.9-12)	5.4 (4.3-7.2)	3.4 (2.7-4.6)	2.1 (1.7-2.9)	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	44 (37-52)	31 (25-38)	21 (16-26)	14 (10-17)	8.7 (6.5-11)	5.5 (4.1-7.1)	3.5 (2.6-4.6)	2.2 (1.7-2.9)	1.4 (1.0-1.9)	0.9 (0.7-1.2)	0.6 (0.4-0.8)
4	58 (50-64)	44 (36-50)	31 (24-36)	21 (16-25)	14 (10-16)	8.8 (6.5-11)	5.7 (4.2-7.0)	3.7 (2.7-4.5)	2.3 (1.7-2.9)	1.5 (1.1-1.8)	0.9 (0.7-1.2)
5	70 (63-73)	58 (50-61)	44 (36-48)	31 (25-35)	21 (17-24)	14 (11-16)	9.1 (7.0-10)	5.9 (4.6-6.8)	3.8 (2.9-4.4)	2.4 (1.9-2.8)	1.6 (1.2-1.8)
6	79	70	58	44	31	21	14	9.5	6.1	4.0	2.5

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

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	13	8.3	5.4	3.5	2.2	1.5	1.0	0.7	0.4	0.3	0.2
1	22 (17-41)	15 (12-30)	10 (7.6-21)	6.7 (4.9-14)	4.4 (3.2-9.4)	2.9 (2.1-6.3)	2.0 (1.4-4.3)	1.3 (0.9-2.8)	0.9 (0.6-1.9)	0.6 (0.4-1.3)	0.4 (0.3-0.8)
2	34 (23-54)	25 (16-42)	18 (11-31)	12 (6.9-22)	8.0 (4.5-15)	5.4 (3.0-10)	3.7 (2.0-7.1)	2.5 (1.3-4.8)	1.6 (0.9-3.2)	1.1 (0.6-2.2)	0.7 (0.4-1.4)
3	48 (32-65)	38 (22-54)	28 (15-42)	20 (10-31)	14 (6.8-22)	9.5 (4.5-15)	6.5 (3.0-11)	4.4 (2.0-7.2)	2.9 (1.3-4.9)	2.0 (0.9-3.3)	1.3 (0.6-2.2)
4	62 (42-72)	52 (31-63)	41 (22-52)	31 (15-40)	22 (10-30)	16 (6.9-22)	11 (4.7-15)	7.6 (3.1-11)	5.1 (2.1-7.3)	3.5 (1.4-5.0)	2.3 (0.9-3.4)
5	73 (53-78)	65 (42-71)	55 (32-61)	44 (23-50)	34 (16-38)	25 (11-29)	18 (7.6-21)	13 (5.2-15)	8.6 (3.5-10)	5.9 (2.4-7.0)	4.0 (1.6-4.7)
6	81	75	68	59	47	37	28	20	14	9.8	6.7

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	11	7.8	5.3	3.6	2.5	1.8	1.2	0.9	0.6	0.4	0.3
1	19 (14-38)	14 (10-28)	9.8 (7.0-21)	6.8 (4.8-15)	4.8 (3.3-10)	3.4 (2.3-7.4)	2.4 (1.6-5.2)	1.7 (1.1-3.7)	1.2 (0.8-2.6)	0.8 (0.5-1.8)	0.6 (0.4-1.3)
2	30 (20-49)	23 (14-39)	17 (9.7-30)	12 (6.7-22)	8.4 (4.6-16)	6.0 (3.3-12)	4.3 (2.3-8.4)	3.0 (1.6-6.0)	2.1 (1.1-4.2)	1.5 (0.8-3.0)	1.0 (0.5-2.1)
3	42 (26-59)	34 (19-50)	26 (14-40)	19 (9.6-30)	14 (6.7-23)	10 (4.8-17)	7.4 (3.4-12)	5.3 (2.4-8.9)	3.7 (1.7-6.4)	2.6 (1.2-4.5)	1.9 (0.8-3.2)
4	55 (35-67)	46 (27-58)	37 (20-49)	29 (14-39)	22 (10.0-30)	16 (7.2-23)	12 (5.1-17)	8.8 (3.6-13)	6.3 (2.6-9.2)	4.5 (1.8-6.6)	3.2 (1.3-4.7)
5	66 (45-72)	58 (36-65)	50 (27-56)	41 (20-47)	32 (15-38)	25 (11-30)	19 (8.0-23)	14 (5.7-17)	10 (4.1-13)	7.4 (2.9-9.2)	5.3 (2.1-6.6)
6	75	69	62	53	45	36	28	22	16	12	8.6

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

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	8.8	6.4	4.6	3.3	2.4	1.8	1.3	1.0	0.7	0.5	0.4
1	15 (11-31)	12 (8.3-24)	8.5 (6.0-18)	6.1 (4.3-13)	4.6 (3.2-10.0)	3.4 (2.3-7.5)	2.5 (1.7-5.6)	1.9 (1.3-4.1)	1.4 (0.9-3.0)	1.0 (0.7-2.2)	0.7 (0.5-1.6)
2	25 (15-41)	19 (11-33)	14 (8.4-26)	11 (6.0-20)	8.0 (4.5-15)	6.0 (3.3-12)	4.5 (2.4-8.7)	3.4 (1.8-6.6)	2.5 (1.3-4.9)	1.8 (1.0-3.6)	1.4 (0.7-2.7)
3	36 (21-52)	29 (16-43)	22 (12-35)	17 (8.5-27)	13 (6.3-22)	10 (4.7-17)	7.7 (3.5-13)	5.8 (2.6-9.8)	4.3 (2.0-7.3)	3.2 (1.4-5.5)	2.4 (1.1-4.1)
4	48 (28-60)	40 (22-52)	33 (17-44)	26 (12-35)	21 (9.4-29)	16 (7.1-23)	12 (5.3-18)	9.5 (4.0-13)	7.2 (3.0-10)	5.4 (2.2-7.8)	4.0 (1.6-5.8)
5	60 (38-66)	53 (30-59)	45 (24-51)	37 (18-43)	30 (14-36)	25 (11-29)	19 (8.1-23)	15 (6.1-18)	12 (4.6-14)	8.8 (3.5-11)	6.6 (2.6-8.1)
6	70	64	57	50	42	35	29	23	18	14	11

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	5.6	4.2	3.2	2.4	1.9	1.5	1.1	0.9	0.7	0.5	0.4
1	10 (7.3-21)	7.8 (5.5-17)	5.9 (4.2-13)	4.6 (3.2-10.0)	3.6 (2.5-7.9)	2.8 (1.9-6.2)	2.2 (1.5-4.9)	1.7 (1.2-3.8)	1.3 (0.9-3.0)	1.0 (0.7-2.3)	0.8 (0.5-1.8)
2	17 (9.8-29)	13 (7.5-24)	10 (5.8-19)	7.9 (4.4-15)	6.3 (3.5-12)	5.0 (2.7-9.5)	3.9 (2.1-7.5)	3.1 (1.7-5.9)	2.4 (1.3-4.7)	1.9 (1.0-3.7)	1.5 (0.8-2.9)
3	25 (13-39)	21 (10-32)	16 (8.0-26)	13 (6.2-21)	10 (4.9-17)	8.3 (3.9-14)	6.6 (3.0-11)	5.2 (2.4-8.8)	4.1 (1.9-7.0)	3.2 (1.4-5.5)	2.5 (1.1-4.3)
4	36 (19-48)	30 (15-41)	25 (12-34)	20 (9.1-28)	16 (7.3-23)	13 (5.8-19)	11 (4.6-15)	8.6 (3.6-12)	6.8 (2.8-9.7)	5.4 (2.2-7.7)	4.2 (1.7-6.0)
5	48 (26-54)	42 (21-47)	35 (17-41)	29 (13-34)	25 (11-29)	20 (8.6-24)	17 (6.9-20)	14 (5.4-16)	11 (4.3-13)	8.7 (3.4-11)	6.9 (2.7-8.4)
6	60	54	47	41	35	30	25	21	17	14	11