

Pakistan - 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 Pakistan. 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 ²						
	15	20	25	30	35	40	45
0	0.2	0.1	0.1	0.1	0.0	0.0	0.0
1	0.4 (0.3-0.8)	0.2 (0.2-0.5)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.1)
2	0.8 (0.4-1.6)	0.5 (0.2-1.0)	0.3 (0.1-0.6)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.1 (0.1-0.2)
3	1.5 (0.6-2.9)	0.9 (0.4-1.7)	0.5 (0.2-1.0)	0.4 (0.2-0.8)	0.3 (0.1-0.6)	0.2 (0.1-0.5)	0.2 (0.1-0.4)
4	2.6 (1.1-4.4)	1.6 (0.6-2.6)	0.9 (0.4-1.5)	0.7 (0.3-1.2)	0.5 (0.2-0.9)	0.4 (0.2-0.7)	0.3 (0.1-0.5)
5	4.6 (2.0-6.0)	2.8 (1.2-3.7)	1.6 (0.7-2.2)	1.2 (0.6-1.7)	1.0 (0.4-1.3)	0.7 (0.3-1.0)	0.6 (0.3-0.8)
6	7.8	4.8	2.8	2.2	1.7	1.3	1.0

Age = 55 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	0.4	0.3	0.2	0.1	0.1	0.1	0.1
1	0.8 (0.6-1.5)	0.5 (0.3-0.9)	0.3 (0.2-0.5)	0.2 (0.2-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)
2	1.5 (0.8-2.8)	0.9 (0.5-1.8)	0.5 (0.3-1.0)	0.4 (0.2-0.8)	0.3 (0.2-0.6)	0.2 (0.1-0.5)	0.2 (0.1-0.4)
3	2.7 (1.2-4.9)	1.6 (0.7-3.1)	1.0 (0.4-1.8)	0.7 (0.3-1.4)	0.6 (0.3-1.1)	0.4 (0.2-0.8)	0.3 (0.2-0.6)
4	4.6 (2.2-7.4)	2.9 (1.3-4.7)	1.7 (0.8-2.8)	1.3 (0.6-2.1)	1.0 (0.5-1.7)	0.8 (0.4-1.3)	0.6 (0.3-1.0)
5	7.7 (3.9-9.8)	5.0 (2.5-6.4)	3.0 (1.5-3.9)	2.3 (1.2-3.0)	1.8 (0.9-2.3)	1.4 (0.7-1.8)	1.1 (0.5-1.4)
6	13	8.3	5.1	4.0	3.1	2.4	1.8

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

Age = 60 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	1.0	0.6	0.4	0.3	0.2	0.2	0.1
1	1.7 (1.2-2.7)	1.1 (0.8-1.7)	0.6 (0.5-1.0)	0.5 (0.4-0.8)	0.4 (0.3-0.6)	0.3 (0.2-0.5)	0.2 (0.2-0.4)
2	2.9 (1.7-4.8)	1.9 (1.1-3.2)	1.1 (0.7-2.0)	0.9 (0.5-1.6)	0.7 (0.4-1.2)	0.5 (0.3-0.9)	0.4 (0.2-0.7)
3	4.8 (2.5-8.3)	3.2 (1.6-5.6)	2.0 (1.0-3.6)	1.5 (0.8-2.7)	1.2 (0.6-2.1)	0.9 (0.5-1.6)	0.7 (0.4-1.2)
4	7.9 (4.2-12)	5.4 (2.9-8.4)	3.4 (1.8-5.4)	2.6 (1.4-4.1)	2.0 (1.1-3.2)	1.6 (0.8-2.5)	1.2 (0.6-1.9)
5	12 (7.3-16)	8.8 (5.2-11)	5.8 (3.4-7.3)	4.5 (2.6-5.7)	3.4 (2.0-4.4)	2.6 (1.5-3.4)	2.0 (1.2-2.6)
6	19	14	9.5	7.4	5.7	4.4	3.4

Age = 65 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	1.8	1.2	0.7	0.6	0.4	0.3	0.3
1	2.9 (2.3-4.3)	2.0 (1.5-2.9)	1.3 (1.0-1.8)	1.0 (0.7-1.4)	0.7 (0.6-1.1)	0.6 (0.4-0.8)	0.4 (0.3-0.6)
2	4.8 (2.9-7.4)	3.3 (2.1-5.1)	2.1 (1.3-3.4)	1.6 (1.0-2.6)	1.3 (0.8-2.0)	1.0 (0.6-1.5)	0.7 (0.5-1.2)
3	7.6 (4.4-12)	5.4 (3.1-8.8)	3.6 (2.0-5.9)	2.7 (1.5-4.6)	2.1 (1.2-3.5)	1.6 (0.9-2.7)	1.2 (0.7-2.0)
4	12 (7.0-17)	8.7 (5.3-13)	5.9 (3.5-8.9)	4.5 (2.7-6.8)	3.5 (2.1-5.3)	2.7 (1.6-4.1)	2.0 (1.2-3.1)
5	17 (12-22)	13 (9.1-17)	9.5 (6.4-12)	7.3 (4.9-9.0)	5.6 (3.8-7.0)	4.3 (2.9-5.3)	3.3 (2.2-4.1)
6	25	20	15	12	9.0	6.9	5.3

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

Age = 70 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	2.6	1.8	1.2	0.9	0.7	0.5	0.4
1	4.4 (3.1-5.4)	3.1 (2.3-3.8)	2.1 (1.6-2.5)	1.6 (1.2-1.9)	1.2 (0.9-1.5)	0.9 (0.7-1.1)	0.7 (0.5-0.9)
2	7.3 (4.7-11)	5.4 (3.5-7.9)	3.7 (2.4-5.3)	2.8 (1.8-4.0)	2.2 (1.4-3.1)	1.6 (1.1-2.4)	1.3 (0.8-1.8)
3	12 (7.2-18)	9.1 (5.7-13)	6.4 (4.2-9.3)	4.9 (3.2-7.2)	3.7 (2.4-5.5)	2.9 (1.8-4.2)	2.2 (1.4-3.2)
4	19 (12-26)	15 (9.7-21)	11 (7.2-16)	8.3 (5.5-12)	6.4 (4.2-9.4)	4.9 (3.2-7.3)	3.7 (2.4-5.6)
5	27 (23-35)	23 (19-29)	18 (14-22)	14 (11-18)	11 (8.7-14)	8.2 (6.6-11)	6.3 (5.1-8.3)
6	38	33	27	22	17	13	10

Age = 75 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	3.3	2.5	1.7	1.3	1.0	0.8	0.6
1	6.0 (3.9-11)	4.6 (3.0-8.2)	3.3 (2.2-5.8)	2.5 (1.7-4.5)	1.9 (1.3-3.4)	1.4 (1.0-2.6)	1.1 (0.7-2.0)
2	10 (5.7-18)	8.2 (4.6-14)	6.0 (3.4-10)	4.6 (2.6-8.0)	3.5 (1.9-6.1)	2.7 (1.5-4.7)	2.0 (1.1-3.6)
3	17 (8.4-28)	14 (7.0-23)	11 (5.5-17)	8.2 (4.2-13)	6.3 (3.2-10)	4.8 (2.4-8.1)	3.7 (1.8-6.2)
4	26 (14-37)	22 (12-32)	18 (9.4-27)	14 (7.2-21)	11 (5.5-17)	8.4 (4.1-13)	6.4 (3.1-10)
5	37 (23-46)	33 (19-42)	28 (16-36)	22 (12-29)	18 (9.6-24)	14 (7.3-19)	11 (5.6-15)
6	49	45	40	34	27	22	17

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

Age = 80 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	4.1	3.3	2.4	1.8	1.4	1.0	0.8
1	7.3 (4.8-13)	5.9 (3.9-11)	4.4 (3.0-8.0)	3.3 (2.3-6.1)	2.5 (1.7-4.7)	1.9 (1.3-3.6)	1.5 (1.0-2.7)
2	12 (7.0-21)	10.0 (5.8-18)	7.7 (4.5-13)	5.9 (3.4-10)	4.5 (2.6-8.1)	3.4 (2.0-6.2)	2.6 (1.5-4.7)
3	19 (10-29)	16 (8.6-25)	13 (6.9-21)	10 (5.3-16)	7.7 (4.0-13)	5.9 (3.0-9.7)	4.5 (2.3-7.4)
4	28 (15-38)	24 (13-34)	20 (11-29)	16 (8.1-23)	13 (6.2-18)	9.8 (4.7-14)	7.5 (3.5-11)
5	38 (24-47)	35 (21-43)	30 (17-38)	25 (14-32)	20 (10-26)	15 (8.0-20)	12 (6.1-16)
6	50	46	42	35	29	23	19

Age = 85 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	4.9	3.8	2.8	2.1	1.6	1.2	0.9
1	8.5 (5.7-15)	6.8 (4.6-12)	5.2 (3.5-9.4)	4.0 (2.7-7.2)	3.0 (2.0-5.5)	2.3 (1.5-4.2)	1.7 (1.1-3.2)
2	14 (8.3-24)	12 (6.9-20)	9.0 (5.3-16)	6.9 (4.0-12)	5.3 (3.1-9.4)	4.0 (2.3-7.2)	3.1 (1.7-5.5)
3	22 (12-33)	18 (10-28)	15 (8.1-23)	12 (6.2-19)	9.0 (4.7-15)	6.9 (3.6-11)	5.3 (2.7-8.6)
4	31 (18-43)	28 (15-38)	23 (12-33)	19 (9.5-26)	15 (7.2-21)	11 (5.5-17)	8.7 (4.2-13)
5	43 (27-51)	39 (24-48)	34 (20-43)	28 (16-36)	22 (12-29)	18 (9.4-23)	14 (7.1-19)
6	54	51	46	39	33	27	21

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

Age = 90 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	4.5	3.5	2.6	2.0	1.5	1.1	0.9
1	8.0 (5.3-14)	6.3 (4.2-11)	4.8 (3.3-8.8)	3.7 (2.5-6.7)	2.8 (1.9-5.1)	2.1 (1.4-3.9)	1.6 (1.1-3.0)
2	13 (7.9-23)	11 (6.4-19)	8.4 (4.9-15)	6.4 (3.7-11)	4.9 (2.8-8.8)	3.7 (2.1-6.7)	2.8 (1.6-5.1)
3	21 (12-31)	17 (9.5-27)	14 (7.5-22)	11 (5.7-17)	8.3 (4.3-13)	6.4 (3.3-10)	4.9 (2.5-8.0)
4	30 (17-41)	26 (14-36)	22 (11-31)	17 (8.8-25)	14 (6.7-20)	11 (5.1-15)	8.1 (3.8-12)
5	41 (26-50)	37 (22-46)	32 (19-40)	26 (15-34)	21 (11-27)	17 (8.7-22)	13 (6.6-17)
6	52	49	45	38	31	25	20