

Pakistan - The probabilities of a hip fracture in women

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	0.4	0.2	0.1	0.1	0.1	0.1	0.0
1	0.7 (0.5-1.4)	0.4 (0.3-0.8)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)
2	1.4 (0.7-3.0)	0.8 (0.4-1.7)	0.4 (0.2-0.9)	0.3 (0.2-0.7)	0.3 (0.1-0.6)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
3	2.7 (1.1-5.3)	1.5 (0.6-2.9)	0.8 (0.3-1.6)	0.6 (0.3-1.2)	0.5 (0.2-1.0)	0.4 (0.2-0.8)	0.3 (0.1-0.6)
4	4.9 (1.9-7.9)	2.7 (1.0-4.4)	1.5 (0.6-2.4)	1.2 (0.4-1.9)	0.9 (0.3-1.5)	0.7 (0.3-1.1)	0.5 (0.2-0.9)
5	8.6 (4.0-11)	4.9 (2.2-6.5)	2.7 (1.2-3.6)	2.1 (0.9-2.8)	1.6 (0.7-2.2)	1.3 (0.6-1.7)	1.0 (0.4-1.3)
6	15	8.5	4.7	3.7	2.9	2.2	1.7

Age = 55 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	0.8	0.4	0.2	0.2	0.1	0.1	0.1
1	1.5 (1.1-2.7)	0.8 (0.6-1.5)	0.5 (0.3-0.8)	0.4 (0.2-0.6)	0.3 (0.2-0.5)	0.2 (0.2-0.4)	0.2 (0.1-0.3)
2	2.8 (1.5-5.5)	1.6 (0.9-3.1)	0.9 (0.5-1.7)	0.7 (0.4-1.3)	0.5 (0.3-1.0)	0.4 (0.2-0.8)	0.3 (0.2-0.6)
3	5.1 (2.3-9.5)	2.9 (1.3-5.5)	1.6 (0.7-3.0)	1.3 (0.6-2.4)	1.0 (0.4-1.8)	0.8 (0.3-1.4)	0.6 (0.3-1.1)
4	9.0 (4.1-14)	5.2 (2.3-8.2)	2.9 (1.3-4.6)	2.3 (1.0-3.6)	1.8 (0.8-2.8)	1.4 (0.6-2.2)	1.1 (0.5-1.7)
5	15 (8.2-20)	9.0 (4.8-12)	5.1 (2.7-6.8)	4.0 (2.1-5.3)	3.1 (1.6-4.1)	2.4 (1.3-3.2)	1.9 (1.0-2.5)
6	25	15	8.8	6.9	5.4	4.2	3.3

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

Age = 60 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	1.9	1.1	0.6	0.5	0.4	0.3	0.2
1	3.4 (2.4-5.3)	1.9 (1.4-3.1)	1.1 (0.8-1.7)	0.8 (0.6-1.3)	0.7 (0.5-1.0)	0.5 (0.4-0.8)	0.4 (0.3-0.6)
2	5.9 (3.5-10)	3.5 (2.0-6.2)	2.0 (1.2-3.6)	1.5 (0.9-2.8)	1.2 (0.7-2.1)	0.9 (0.5-1.7)	0.7 (0.4-1.3)
3	10 (5.3-17)	6.1 (3.1-11)	3.5 (1.8-6.2)	2.7 (1.4-4.8)	2.1 (1.1-3.8)	1.6 (0.8-2.9)	1.3 (0.6-2.3)
4	17 (9.1-25)	10 (5.4-16)	6.1 (3.1-9.3)	4.7 (2.4-7.3)	3.7 (1.9-5.7)	2.9 (1.4-4.4)	2.2 (1.1-3.4)
5	27 (17-33)	17 (11-22)	10 (6.3-13)	8.1 (4.9-10)	6.3 (3.8-8.2)	4.9 (2.9-6.4)	3.8 (2.3-5.0)
6	40	27	17	13	11	8.3	6.5

Age = 65 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	3.6	2.2	1.2	1.0	0.7	0.6	0.4
1	6.2 (4.8-8.8)	3.8 (2.8-5.3)	2.2 (1.6-3.1)	1.7 (1.3-2.4)	1.3 (1.0-1.8)	1.0 (0.8-1.4)	0.8 (0.6-1.1)
2	10 (6.6-16)	6.4 (4.0-10)	3.8 (2.4-6.2)	2.9 (1.8-4.8)	2.3 (1.4-3.7)	1.8 (1.1-2.9)	1.4 (0.8-2.2)
3	17 (9.8-26)	11 (6.1-17)	6.4 (3.6-11)	5.0 (2.8-8.3)	3.9 (2.2-6.5)	3.0 (1.7-5.0)	2.3 (1.3-3.9)
4	26 (16-36)	17 (10-25)	11 (6.3-16)	8.4 (4.9-12)	6.5 (3.8-9.7)	5.1 (2.9-7.6)	3.9 (2.3-5.9)
5	37 (27-43)	27 (19-32)	17 (12-22)	14 (9.5-17)	11 (7.4-13)	8.4 (5.7-11)	6.5 (4.4-8.2)
6	51	39	27	22	17	14	11

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

Age = 70 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	5.5	3.4	2.1	1.6	1.2	0.9	0.7
1	9.4 (7.2-11)	6.1 (4.7-7.2)	3.7 (2.9-4.4)	2.9 (2.3-3.4)	2.2 (1.7-2.6)	1.7 (1.3-2.0)	1.3 (1.0-1.6)
2	16 (11-22)	11 (7.1-15)	6.7 (4.4-9.1)	5.2 (3.4-7.1)	4.0 (2.6-5.5)	3.1 (2.0-4.3)	2.4 (1.6-3.3)
3	25 (17-34)	18 (12-25)	12 (7.7-17)	9.1 (6.0-13)	7.1 (4.6-10)	5.5 (3.6-8.1)	4.2 (2.7-6.3)
4	38 (27-49)	29 (21-39)	20 (14-28)	16 (11-22)	12 (8.6-18)	9.5 (6.6-14)	7.4 (5.1-11)
5	52 (46-60)	43 (37-51)	32 (27-38)	26 (22-31)	20 (17-25)	16 (13-20)	13 (11-16)
6	64	58	47	39	32	26	21

Age = 75 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	7.0	4.8	3.1	2.4	1.8	1.4	1.1
1	13 (8.7-22)	9.0 (6.3-16)	5.9 (4.2-10)	4.6 (3.2-8.0)	3.5 (2.5-6.2)	2.7 (1.9-4.8)	2.1 (1.4-3.7)
2	21 (13-34)	16 (9.4-26)	11 (6.3-18)	8.5 (4.9-14)	6.6 (3.7-11)	5.1 (2.9-8.6)	3.9 (2.2-6.6)
3	33 (19-49)	26 (15-40)	19 (11-30)	15 (8.4-24)	12 (6.5-19)	9.2 (5.0-15)	7.2 (3.8-12)
4	46 (29-59)	40 (24-53)	31 (18-44)	25 (14-37)	20 (11-30)	16 (8.7-24)	13 (6.7-19)
5	59 (43-68)	54 (37-64)	47 (30-56)	39 (24-48)	32 (19-41)	26 (15-34)	21 (12-27)
6	70	67	62	55	47	40	33

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

Age = 80 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	8.3	6.1	4.2	3.2	2.4	1.9	1.4
1	14 (10.0-25)	11 (7.7-19)	7.7 (5.5-14)	5.9 (4.2-11)	4.6 (3.2-8.2)	3.5 (2.4-6.3)	2.7 (1.9-4.9)
2	23 (14-37)	18 (11-30)	14 (8.2-22)	11 (6.3-18)	8.2 (4.8-14)	6.3 (3.7-11)	4.8 (2.8-8.4)
3	33 (20-48)	28 (17-41)	22 (12-34)	18 (9.6-28)	14 (7.4-22)	11 (5.7-18)	8.4 (4.3-14)
4	45 (28-58)	40 (24-52)	34 (20-46)	28 (15-38)	22 (12-32)	18 (9.3-26)	14 (7.1-20)
5	57 (41-65)	53 (36-62)	48 (31-57)	41 (25-49)	34 (20-42)	28 (15-35)	22 (12-28)
6	67	65	61	54	47	40	33

Age = 85 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	8.6	6.6	4.6	3.6	2.7	2.1	1.6
1	15 (10-25)	12 (8.1-20)	8.5 (6.0-15)	6.5 (4.6-12)	5.0 (3.5-9.0)	3.8 (2.6-7.0)	2.9 (2.0-5.3)
2	23 (15-37)	19 (12-31)	15 (8.9-24)	11 (6.8-19)	8.8 (5.2-15)	6.8 (4.0-12)	5.2 (3.0-9.2)
3	34 (21-48)	29 (17-42)	24 (13-36)	19 (10-29)	15 (8.0-24)	12 (6.1-19)	8.9 (4.6-15)
4	46 (29-58)	41 (25-53)	35 (20-47)	29 (16-40)	23 (13-33)	19 (9.6-27)	15 (7.4-21)
5	57 (42-65)	54 (37-63)	49 (32-58)	42 (26-51)	35 (20-43)	28 (16-36)	23 (12-29)
6	67	65	62	55	48	41	34

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

Age = 90 years

Number of CRFs	BMI kg/m ²						
	15	20	25	30	35	40	45
0	7.1	5.5	4.0	3.0	2.3	1.7	1.3
1	12 (8.4-21)	9.7 (6.6-17)	7.3 (5.0-13)	5.6 (3.8-10)	4.2 (2.9-7.8)	3.2 (2.2-5.9)	2.4 (1.6-4.5)
2	20 (12-32)	16 (9.8-27)	13 (7.5-21)	9.7 (5.7-17)	7.5 (4.4-13)	5.7 (3.3-10)	4.4 (2.5-7.8)
3	29 (18-43)	25 (15-37)	20 (11-31)	16 (8.7-25)	13 (6.7-20)	9.7 (5.1-16)	7.4 (3.9-12)
4	41 (25-53)	36 (21-47)	31 (17-42)	25 (13-35)	20 (10-28)	16 (7.9-23)	12 (6.0-18)
5	52 (37-60)	48 (32-57)	43 (27-52)	36 (22-45)	30 (17-38)	24 (13-31)	19 (10-25)
6	62	60	56	49	42	35	29