Singapore (Indian) - 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 Singapore (Indian). 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	0.2	0.1	0.1	0.1	0.0	0.0	0.0
1	0.4 (0.3-0.9)	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)	0.1 (0.0-0.1)
2	0.8 (0.4-1.7)	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 (0.6-3.0)	0.9 (0.4-1.8)	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	2.7 (1.1-4.5)	1.6 (0.6-2.7)	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	4.8 (2.1-6.3)	2.9 (1.3-3.8)	1.6 (0.7-2.2)	1.3 (0.6-1.7)	1.0 (0.4-1.3)	0.8 (0.3-1.0)	0.6 (0.3-0.8)
6	8.2	5.0	2.9	2.2	1.7	1.3	1.0

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

Age = 55 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	0.5	0.3	0.2	0.1	0.1	0.1	0.1
1	0.9 (0.6-1.6)	0.5 (0.4-0.9)	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	1.6 (0.9-3.1)	1.0 (0.5-1.9)	0.5 (0.3-1.1)	0.4 (0.2-0.8)	0.3 (0.2-0.6)	0.3 (0.1-0.5)	0.2 (0.1-0.4)
3	2.9 (1.3-5.3)	1.7 (0.8-3.3)	1.0 (0.5-1.9)	0.8 (0.4-1.5)	0.6 (0.3-1.1)	0.5 (0.2-0.9)	0.4 (0.2-0.7)
4	5.0 (2.3-8.0)	3.1 (1.4-4.9)	1.8 (0.8-2.9)	1.4 (0.6-2.2)	1.1 (0.5-1.7)	0.8 (0.4-1.3)	0.6 (0.3-1.0)
5	8.4 (4.4-11)	5.3 (2.7-6.9)	3.1 (1.6-4.1)	2.4 (1.2-3.2)	1.9 (1.0-2.5)	1.4 (0.7-1.9)	1.1 (0.6-1.5)
6	14	8.9	5.4	4.2	3.2	2.5	1.9

Age = 60 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	1.1	0.7	0.4	0.3	0.2	0.2	0.1
1	2.0 (1.5-3.2)	1.2 (0.9-1.9)	0.7 (0.5-1.1)	0.5 (0.4-0.9)	0.4 (0.3-0.7)	0.3 (0.2-0.5)	0.2 (0.2-0.4)
2	3.5 (2.0-6.0)	2.2 (1.3-3.8)	1.3 (0.7-2.3)	1.0 (0.6-1.7)	0.8 (0.4-1.4)	0.6 (0.3-1.0)	0.4 (0.3-0.8)
3	6.0 (3.1-10)	3.8 (1.9-6.6)	2.2 (1.1-4.0)	1.7 (0.9-3.1)	1.3 (0.7-2.4)	1.0 (0.5-1.8)	0.8 (0.4-1.4)
4	9.9 (5.4-15)	6.4 (3.3-9.9)	3.9 (2.0-6.0)	3.0 (1.5-4.7)	2.3 (1.2-3.6)	1.8 (0.9-2.8)	1.4 (0.7-2.2)
5	16 (9.6-19)	11 (6.3-13)	6.6 (3.9-8.4)	5.1 (3.0-6.6)	3.9 (2.3-5.1)	3.0 (1.8-3.9)	2.4 (1.4-3.0)
6	24	17	11	8.5	6.6	5.1	4.0

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

Age = 65 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	2.4	1.5	0.8	0.7	0.5	0.4	0.3
1	4.1 (3.1-5.9)	2.5 (1.9-3.6)	1.5 (1.1-2.1)	1.1 (0.9-1.6)	0.9 (0.7-1.3)	0.7 (0.5-1.0)	0.5 (0.4-0.7)
2	6.8 (4.3-11)	4.3 (2.7-6.9)	2.6 (1.6-4.2)	2.0 (1.2-3.2)	1.5 (1.0-2.5)	1.2 (0.7-1.9)	0.9 (0.6-1.5)
3	11 (6.4-18)	7.2 (4.1-12)	4.4 (2.4-7.3)	3.4 (1.9-5.6)	2.6 (1.5-4.4)	2.0 (1.1-3.4)	1.6 (0.9-2.6)
4	17 (11-25)	12 (7.1-17)	7.3 (4.3-11)	5.7 (3.3-8.5)	4.4 (2.5-6.6)	3.4 (2.0-5.1)	2.6 (1.5-3.9)
5	26 (18-31)	18 (13-22)	12 (8.2-15)	9.3 (6.4-12)	7.3 (4.9-9.1)	5.6 (3.8-7.1)	4.4 (2.9-5.5)
6	37	28	19	15	12	9.2	7.1

Age = 70 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	4.1	2.5	1.5	1.2	0.9	0.7	0.5
1	7.1 (5.4-8.5)	4.5 (3.5-5.3)	2.7 (2.1-3.2)	2.1 (1.7-2.5)	1.6 (1.3-1.9)	1.3 (1.0-1.5)	1.0 (0.8-1.1)
2	12 (8.2-17)	8.0 (5.3-11)	4.9 (3.3-6.7)	3.8 (2.5-5.2)	2.9 (1.9-4.0)	2.3 (1.5-3.1)	1.7 (1.1-2.4)
3	20 (14-28)	14 (9.2-20)	8.7 (5.7-13)	6.7 (4.4-10)	5.2 (3.4-7.8)	4.0 (2.6-6.0)	3.1 (2.0-4.7)
4	31 (22-42)	23 (16-31)	15 (11-21)	12 (8.3-17)	9.1 (6.4-13)	7.1 (5.0-10)	5.5 (3.8-8.1)
5	44 (39-53)	35 (30-43)	25 (21-30)	20 (17-24)	16 (13-19)	12 (10-15)	9.5 (7.9-12)
6	58	50	39	32	25	20	16

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

Age = 75 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	5.6	3.7	2.3	1.8	1.4	1.1	0.8
1	10 (7.2-18)	7.1 (5.0-12)	4.5 (3.2-7.8)	3.5 (2.5-6.1)	2.7 (1.9-4.7)	2.1 (1.4-3.6)	1.6 (1.1-2.8)
2	18 (11-29)	13 (7.5-21)	8.5 (4.9-14)	6.6 (3.7-11)	5.1 (2.9-8.7)	3.9 (2.2-6.7)	3.0 (1.7-5.2)
3	29 (17-43)	22 (13-33)	15 (8.4-24)	12 (6.5-19)	9.3 (5.0-15)	7.2 (3.9-12)	5.6 (3.0-9.2)
4	42 (26-56)	35 (21-48)	26 (15-38)	21 (11-31)	16 (8.9-25)	13 (6.9-20)	10 (5.3-15)
5	57 (40-66)	50 (33-60)	40 (25-50)	33 (20-42)	27 (16-34)	22 (12-28)	17 (9.4-22)
6	70	65	57	49	42	34	28

Age = 80 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	6.5	4.6	3.1	2.4	1.8	1.4	1.1
1	11 (7.9-20)	8.4 (5.9-15)	5.8 (4.1-10)	4.5 (3.2-8.0)	3.4 (2.4-6.2)	2.6 (1.8-4.7)	2.0 (1.4-3.6)
2	19 (12-31)	14 (8.8-24)	10 (6.2-17)	8.0 (4.8-14)	6.2 (3.6-11)	4.8 (2.8-8.2)	3.6 (2.1-6.3)
3	29 (17-42)	23 (13-35)	18 (9.4-28)	14 (7.3-22)	11 (5.6-18)	8.3 (4.3-14)	6.4 (3.3-11)
4	40 (24-52)	35 (20-46)	28 (16-39)	22 (12-32)	18 (9.3-26)	14 (7.2-20)	11 (5.5-16)
5	53 (36-62)	48 (31-57)	41 (25-50)	34 (20-42)	28 (16-35)	22 (12-28)	18 (9.3-23)
6	65	61	56	48	41	34	27

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

Age = 85 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	6.3	4.7	3.3	2.5	1.9	1.5	1.1
1	11 (7.6-19)	8.5 (5.8-15)	6.1 (4.3-11)	4.7 (3.2-8.5)	3.6 (2.5-6.5)	2.7 (1.9-5.0)	2.1 (1.4-3.8)
2	18 (11-30)	14 (8.7-24)	11 (6.4-18)	8.3 (4.9-14)	6.4 (3.7-11)	4.9 (2.8-8.6)	3.7 (2.1-6.6)
3	28 (16-41)	23 (13-34)	18 (9.7-28)	14 (7.5-22)	11 (5.7-18)	8.4 (4.4-14)	6.5 (3.3-11)
4	39 (24-51)	34 (19-45)	28 (15-38)	22 (12-32)	18 (9.2-25)	14 (7.0-20)	11 (5.4-16)
5	52 (35-60)	47 (30-56)	41 (25-49)	34 (20-42)	27 (15-35)	22 (12-28)	17 (9.1-23)
6	63	60	54	47	40	33	27

Age = 90 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	4.8	3.6	2.7	2.0	1.5	1.2	0.9
1	8.5 (5.8-15)	6.6 (4.5-12)	4.9 (3.3-8.9)	3.7 (2.5-6.8)	2.8 (1.9-5.2)	2.1 (1.4-4.0)	1.6 (1.1-3.0)
2	14 (8.6-24)	11 (6.7-19)	8.6 (5.0-15)	6.6 (3.8-12)	5.0 (2.9-8.9)	3.8 (2.2-6.9)	2.9 (1.7-5.2)
3	22 (13-33)	18 (10-28)	14 (7.7-23)	11 (5.9-18)	8.6 (4.5-14)	6.6 (3.4-11)	5.0 (2.6-8.3)
4	32 (18-43)	28 (15-38)	23 (12-32)	18 (9.2-26)	14 (7.1-20)	11 (5.4-16)	8.4 (4.1-12)
5	44 (28-53)	39 (24-48)	34 (20-42)	27 (15-35)	22 (12-28)	17 (9.1-23)	14 (7.0-18)
6	55	52	47	39	33	27	21