

**Singapore (Indian) - 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/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 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/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.4	0.2	0.1	0.1	0.1	0.1	0.0
1	0.8 (0.5-1.5)	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	1.5 (0.7-3.2)	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	2.8 (1.1-5.5)	1.5 (0.6-3.0)	0.8 (0.3-1.6)	0.6 (0.3-1.3)	0.5 (0.2-1.0)	0.4 (0.2-0.8)	0.3 (0.1-0.6)
4	5.1 (2.0-8.3)	2.8 (1.1-4.6)	1.5 (0.6-2.5)	1.2 (0.5-1.9)	0.9 (0.4-1.5)	0.7 (0.3-1.2)	0.6 (0.2-0.9)
5	9.1 (4.2-12)	5.0 (2.3-6.8)	2.7 (1.2-3.7)	2.1 (1.0-2.9)	1.7 (0.8-2.3)	1.3 (0.6-1.8)	1.0 (0.5-1.4)
6	16	8.9	4.9	3.8	3.0	2.3	1.8

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

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.8	0.5	0.3	0.2	0.2	0.1	0.1
1	1.6 (1.1-2.9)	0.9 (0.6-1.6)	0.5 (0.3-0.8)	0.4 (0.3-0.7)	0.3 (0.2-0.5)	0.2 (0.2-0.4)	0.2 (0.1-0.3)
2	3.1 (1.7-6.0)	1.7 (0.9-3.3)	0.9 (0.5-1.8)	0.7 (0.4-1.4)	0.5 (0.3-1.1)	0.4 (0.2-0.8)	0.3 (0.2-0.7)
3	5.6 (2.5-10)	3.1 (1.4-5.8)	1.7 (0.7-3.2)	1.3 (0.6-2.5)	1.0 (0.5-1.9)	0.8 (0.4-1.5)	0.6 (0.3-1.2)
4	9.8 (4.4-15)	5.5 (2.4-8.7)	3.0 (1.3-4.8)	2.3 (1.0-3.7)	1.8 (0.8-2.9)	1.4 (0.6-2.3)	1.1 (0.5-1.8)
5	17 (9.1-22)	9.6 (5.1-13)	5.3 (2.8-7.1)	4.2 (2.2-5.6)	3.2 (1.7-4.3)	2.5 (1.3-3.4)	2.0 (1.0-2.6)
6	28	16	9.2	7.2	5.7	4.4	3.4

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.1	1.1	0.6	0.5	0.4	0.3	0.2
1	3.8 (2.7-5.9)	2.1 (1.5-3.3)	1.2 (0.8-1.8)	0.9 (0.6-1.4)	0.7 (0.5-1.1)	0.5 (0.4-0.8)	0.4 (0.3-0.7)
2	6.8 (4.0-12)	3.8 (2.2-6.9)	2.1 (1.2-3.8)	1.6 (1.0-3.0)	1.3 (0.7-2.3)	1.0 (0.6-1.8)	0.8 (0.4-1.4)
3	12 (6.1-20)	6.7 (3.4-12)	3.7 (1.9-6.6)	2.9 (1.4-5.2)	2.3 (1.1-4.0)	1.8 (0.9-3.2)	1.4 (0.7-2.5)
4	20 (10-29)	12 (5.9-17)	6.5 (3.3-10)	5.1 (2.5-7.8)	4.0 (2.0-6.1)	3.1 (1.5-4.8)	2.4 (1.2-3.7)
5	31 (20-39)	19 (12-25)	11 (6.8-15)	8.8 (5.3-11)	6.9 (4.2-9.0)	5.4 (3.2-7.0)	4.2 (2.5-5.5)
6	47	31	19	15	12	9.1	7.2

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.4	2.4	1.3	1.0	0.8	0.6	0.5
1	7.6 (5.7-10)	4.3 (3.2-6.0)	2.4 (1.8-3.3)	1.9 (1.4-2.6)	1.4 (1.1-2.0)	1.1 (0.8-1.6)	0.9 (0.6-1.2)
2	13 (8.2-20)	7.4 (4.7-12)	4.2 (2.6-6.9)	3.3 (2.0-5.4)	2.5 (1.6-4.2)	2.0 (1.2-3.3)	1.5 (1.0-2.5)
3	21 (12-33)	13 (7.1-20)	7.2 (4.0-12)	5.6 (3.1-9.3)	4.4 (2.4-7.3)	3.4 (1.9-5.7)	2.6 (1.5-4.5)
4	33 (21-45)	20 (12-29)	12 (6.9-18)	9.5 (5.4-14)	7.4 (4.2-11)	5.8 (3.3-8.6)	4.5 (2.6-6.7)
5	48 (36-56)	32 (23-39)	20 (14-25)	16 (11-20)	12 (8.6-16)	9.7 (6.8-12)	7.6 (5.3-9.7)
6	65	48	31	25	20	16	13

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	7.2	4.2	2.4	1.8	1.4	1.1	0.9
1	13 (10-15)	7.6 (6.1-8.8)	4.3 (3.5-5.0)	3.4 (2.7-3.9)	2.6 (2.1-3.0)	2.0 (1.6-2.3)	1.6 (1.3-1.8)
2	22 (15-29)	13 (9.1-18)	7.8 (5.2-10)	6.1 (4.1-8.1)	4.8 (3.2-6.3)	3.7 (2.5-4.9)	2.9 (1.9-3.8)
3	35 (25-47)	23 (15-33)	14 (9.1-20)	11 (7.1-16)	8.6 (5.5-13)	6.7 (4.3-10)	5.2 (3.4-7.8)
4	52 (41-65)	37 (28-49)	24 (18-33)	19 (14-27)	15 (11-21)	12 (8.6-17)	9.3 (6.7-13)
5	69 (64-77)	55 (50-63)	38 (34-45)	31 (27-37)	25 (22-30)	20 (17-25)	16 (14-20)
6	81	73	57	49	41	33	27

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

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	10	6.3	3.7	2.9	2.2	1.7	1.3
1	19 (14-31)	12 (8.8-20)	7.3 (5.3-12)	5.7 (4.1-9.6)	4.4 (3.2-7.5)	3.4 (2.5-5.9)	2.6 (1.9-4.6)
2	32 (20-47)	22 (13-35)	14 (8.0-23)	11 (6.2-18)	8.4 (4.8-15)	6.5 (3.7-11)	5.1 (2.9-8.9)
3	48 (32-64)	36 (22-52)	24 (14-38)	19 (11-31)	15 (8.3-25)	12 (6.5-20)	9.5 (5.0-16)
4	64 (47-77)	54 (35-69)	40 (23-55)	33 (19-47)	27 (15-39)	21 (11-32)	17 (9.0-26)
5	77 (63-83)	71 (53-79)	59 (40-69)	51 (33-60)	43 (26-52)	35 (21-43)	29 (17-36)
6	85	83	77	70	62	53	45

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	12	8.2	5.1	4.0	3.1	2.4	1.8
1	21 (15-35)	15 (11-25)	9.6 (7.1-17)	7.5 (5.5-13)	5.8 (4.2-10)	4.5 (3.2-8.0)	3.5 (2.5-6.2)
2	33 (22-50)	25 (16-39)	17 (11-29)	13 (8.2-23)	11 (6.4-18)	8.2 (4.9-14)	6.4 (3.8-11)
3	47 (31-62)	38 (23-55)	28 (16-44)	23 (12-36)	18 (9.7-29)	14 (7.5-24)	11 (5.8-19)
4	61 (43-72)	54 (36-67)	43 (26-57)	36 (21-49)	30 (16-41)	24 (13-34)	19 (10-27)
5	72 (57-79)	68 (51-76)	60 (41-69)	52 (34-61)	44 (27-53)	37 (22-45)	30 (17-38)
6	80	78	74	68	61	53	45

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	12	8.2	5.5	4.2	3.3	2.5	1.9
1	20 (14-33)	15 (11-25)	10 (7.3-18)	7.9 (5.6-14)	6.1 (4.3-11)	4.7 (3.3-8.4)	3.6 (2.5-6.5)
2	30 (20-47)	24 (15-38)	18 (11-29)	14 (8.4-23)	11 (6.5-18)	8.4 (5.0-14)	6.5 (3.8-11)
3	43 (29-58)	36 (22-52)	28 (16-43)	23 (13-36)	18 (9.9-29)	14 (7.6-23)	11 (5.9-18)
4	56 (39-68)	51 (33-63)	42 (26-56)	35 (21-48)	29 (16-40)	23 (13-33)	19 (9.8-27)
5	68 (53-75)	64 (47-72)	58 (39-67)	50 (32-59)	43 (26-52)	35 (21-44)	29 (16-36)
6	75	74	71	65	58	50	42

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	8.2	6.1	4.4	3.3	2.5	1.9	1.5
1	14 (9.9-24)	11 (7.6-19)	8.0 (5.6-14)	6.1 (4.2-11)	4.7 (3.2-8.5)	3.6 (2.4-6.5)	2.7 (1.9-5.0)
2	23 (14-37)	18 (11-30)	14 (8.3-23)	11 (6.4-18)	8.3 (4.9-14)	6.4 (3.7-11)	4.9 (2.8-8.6)
3	34 (21-48)	28 (17-41)	22 (13-34)	18 (9.7-28)	14 (7.4-22)	11 (5.7-18)	8.4 (4.3-14)
4	46 (29-58)	41 (24-53)	34 (19-46)	28 (15-38)	22 (12-31)	18 (9.1-25)	14 (7.0-20)
5	58 (42-66)	54 (37-63)	48 (30-57)	40 (24-49)	33 (19-42)	27 (15-35)	22 (12-28)
6	67	65	61	54	47	40	33