

Sri Lanka - 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 Sri Lanka. 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 (0.1-0.5)	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	1.4 (0.6-2.8)	0.8 (0.3-1.7)	0.5 (0.2-1.0)	0.4 (0.2-0.7)	0.3 (0.1-0.6)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
4	2.6 (1.0-4.2)	1.5 (0.6-2.5)	0.9 (0.3-1.5)	0.7 (0.3-1.1)	0.5 (0.2-0.9)	0.4 (0.2-0.7)	0.3 (0.1-0.5)
5	4.4 (2.0-5.8)	2.7 (1.2-3.6)	1.6 (0.7-2.1)	1.2 (0.5-1.6)	0.9 (0.4-1.3)	0.7 (0.3-1.0)	0.6 (0.3-0.8)
6	7.5	4.7	2.8	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 Sri Lanka.

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 (0.5-1.7)	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	2.6 (1.2-4.8)	1.6 (0.7-3.0)	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	4.5 (2.1-7.3)	2.8 (1.3-4.6)	1.7 (0.8-2.7)	1.3 (0.6-2.1)	1.0 (0.5-1.6)	0.8 (0.4-1.3)	0.6 (0.3-1.0)
5	7.5 (3.8-9.5)	4.9 (2.5-6.3)	3.0 (1.5-3.9)	2.3 (1.2-3.0)	1.8 (0.9-2.3)	1.4 (0.7-1.8)	1.0 (0.5-1.4)
6	12	8.2	5.1	3.9	3.0	2.3	1.8

Age = 60 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	0.9	0.6	0.4	0.3	0.2	0.2	0.1
1	1.6 (1.2-2.7)	1.0 (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	2.8 (1.6-4.6)	1.8 (1.1-3.1)	1.1 (0.7-2.0)	0.9 (0.5-1.5)	0.7 (0.4-1.2)	0.5 (0.3-0.9)	0.4 (0.2-0.7)
3	4.7 (2.4-8.0)	3.1 (1.6-5.5)	2.0 (1.0-3.5)	1.5 (0.8-2.7)	1.2 (0.6-2.1)	0.9 (0.5-1.6)	0.7 (0.3-1.2)
4	7.6 (4.0-12)	5.3 (2.8-8.2)	3.4 (1.8-5.3)	2.6 (1.4-4.1)	2.0 (1.0-3.1)	1.5 (0.8-2.4)	1.2 (0.6-1.8)
5	12 (7.0-15)	8.6 (5.0-11)	5.7 (3.3-7.2)	4.4 (2.6-5.5)	3.4 (2.0-4.3)	2.6 (1.5-3.3)	2.0 (1.1-2.5)
6	18	14	9.3	7.2	5.6	4.3	3.3

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

Age = 65 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.7	1.1	0.7	0.5	0.4	0.3	0.2
1	2.8 (2.1-4.1)	1.9 (1.5-2.8)	1.2 (0.9-1.8)	0.9 (0.7-1.4)	0.7 (0.6-1.0)	0.5 (0.4-0.8)	0.4 (0.3-0.6)
2	4.6 (2.8-7.2)	3.2 (2.0-4.9)	2.1 (1.3-3.3)	1.6 (1.0-2.5)	1.2 (0.8-1.9)	0.9 (0.6-1.5)	0.7 (0.4-1.1)
3	7.2 (4.2-11)	5.2 (3.0-8.5)	3.5 (2.0-5.7)	2.7 (1.5-4.4)	2.0 (1.2-3.4)	1.6 (0.9-2.6)	1.2 (0.7-2.0)
4	11 (6.6-16)	8.3 (5.1-12)	5.7 (3.4-8.6)	4.4 (2.6-6.7)	3.4 (2.0-5.1)	2.6 (1.5-3.9)	2.0 (1.2-3.0)
5	17 (11-21)	13 (8.7-16)	9.2 (6.2-11)	7.1 (4.7-8.7)	5.5 (3.6-6.7)	4.2 (2.8-5.1)	3.2 (2.1-3.9)
6	24	19	14	11	8.7	6.7	5.1

Age = 70 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	2.4	1.7	1.1	0.9	0.7	0.5	0.4
1	4.1 (3.0-5.1)	3.0 (2.2-3.6)	2.0 (1.5-2.4)	1.5 (1.2-1.9)	1.2 (0.9-1.4)	0.9 (0.7-1.1)	0.7 (0.5-0.8)
2	6.9 (4.4-10)	5.1 (3.3-7.5)	3.5 (2.3-5.1)	2.7 (1.8-3.9)	2.1 (1.3-3.0)	1.6 (1.0-2.3)	1.2 (0.8-1.7)
3	11 (6.7-17)	8.6 (5.3-13)	6.1 (4.0-8.9)	4.7 (3.0-6.8)	3.6 (2.3-5.2)	2.7 (1.7-4.0)	2.1 (1.3-3.1)
4	17 (11-24)	14 (9.1-20)	10 (6.9-15)	8.0 (5.3-12)	6.1 (4.0-9.0)	4.7 (3.0-6.9)	3.6 (2.3-5.3)
5	26 (21-33)	22 (18-28)	17 (14-22)	13 (11-17)	10 (8.2-13)	7.8 (6.3-10)	6.0 (4.8-7.9)
6	37	32	26	21	16	13	9.8

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

Age = 75 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	3.0	2.3	1.6	1.2	0.9	0.7	0.5
1	5.5 (3.5-9.8)	4.3 (2.8-7.7)	3.1 (2.1-5.5)	2.4 (1.6-4.2)	1.8 (1.2-3.2)	1.4 (0.9-2.5)	1.0 (0.7-1.9)
2	9.5 (5.2-17)	7.6 (4.2-13)	5.7 (3.2-9.8)	4.3 (2.4-7.5)	3.3 (1.8-5.8)	2.5 (1.4-4.4)	1.9 (1.0-3.4)
3	16 (7.7-26)	13 (6.4-22)	10 (5.1-16)	7.7 (3.9-13)	5.9 (2.9-9.9)	4.5 (2.2-7.6)	3.4 (1.6-5.8)
4	24 (13-35)	21 (11-30)	17 (8.7-25)	13 (6.6-20)	10 (5.0-16)	7.8 (3.8-12)	5.9 (2.9-9.3)
5	35 (21-44)	31 (18-39)	26 (15-34)	21 (12-28)	17 (8.9-22)	13 (6.8-18)	10 (5.1-14)
6	47	43	38	32	26	20	16

Age = 80 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	3.7	2.9	2.2	1.7	1.3	0.9	0.7
1	6.5 (4.3-12)	5.3 (3.5-9.6)	4.0 (2.7-7.4)	3.1 (2.1-5.6)	2.3 (1.6-4.3)	1.7 (1.2-3.3)	1.3 (0.9-2.5)
2	11 (6.2-19)	9.0 (5.2-16)	7.1 (4.1-12)	5.4 (3.1-9.6)	4.1 (2.4-7.4)	3.1 (1.8-5.6)	2.3 (1.3-4.3)
3	17 (9.1-27)	15 (7.7-23)	12 (6.3-19)	9.1 (4.8-15)	7.0 (3.6-11)	5.3 (2.7-8.7)	4.0 (2.0-6.7)
4	25 (14-36)	22 (12-31)	19 (9.6-27)	15 (7.3-21)	11 (5.5-17)	8.8 (4.2-13)	6.7 (3.1-10)
5	36 (21-44)	32 (19-40)	28 (16-36)	23 (12-29)	18 (9.4-24)	14 (7.2-19)	11 (5.4-15)
6	47	43	39	33	27	21	17

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

Age = 85 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	4.3	3.4	2.5	1.9	1.5	1.1	0.8
1	7.5 (5.0-14)	6.0 (4.0-11)	4.6 (3.1-8.5)	3.5 (2.4-6.5)	2.7 (1.8-4.9)	2.0 (1.3-3.7)	1.5 (1.0-2.8)
2	12 (7.3-22)	10 (6.0-18)	8.1 (4.7-14)	6.2 (3.6-11)	4.7 (2.7-8.5)	3.6 (2.0-6.5)	2.7 (1.5-4.9)
3	19 (11-30)	16 (8.9-26)	13 (7.2-21)	10 (5.5-17)	8.0 (4.2-13)	6.1 (3.1-9.9)	4.6 (2.4-7.6)
4	28 (16-39)	25 (13-34)	21 (11-30)	17 (8.3-24)	13 (6.4-19)	10 (4.8-15)	7.7 (3.6-11)
5	39 (24-48)	35 (21-44)	31 (18-39)	25 (14-32)	20 (11-26)	16 (8.2-21)	12 (6.3-16)
6	50	47	43	36	30	24	19

Age = 90 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	3.8	3.0	2.3	1.7	1.3	1.0	0.7
1	6.8 (4.5-12)	5.4 (3.6-9.9)	4.2 (2.8-7.7)	3.2 (2.1-5.9)	2.4 (1.6-4.5)	1.8 (1.2-3.4)	1.4 (0.9-2.6)
2	11 (6.7-20)	9.3 (5.4-16)	7.3 (4.3-13)	5.6 (3.2-10)	4.3 (2.4-7.7)	3.2 (1.8-5.9)	2.4 (1.4-4.5)
3	18 (9.9-28)	15 (8.1-24)	12 (6.5-19)	9.4 (4.9-15)	7.2 (3.7-12)	5.5 (2.8-9.0)	4.2 (2.1-6.9)
4	27 (15-37)	23 (12-32)	19 (9.9-27)	15 (7.6-22)	12 (5.7-17)	9.1 (4.3-13)	7.0 (3.3-10)
5	37 (23-46)	33 (20-42)	29 (16-36)	23 (13-30)	18 (9.7-24)	14 (7.4-19)	11 (5.7-15)
6	48	45	40	34	28	22	17