

**Sri Lanka - The probabilities of a hip fracture in women**

The following tables give the 10-year probability (%) of a hip fracture according to the T-score for femoral neck BMD, 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.

Note that the BMI is set at 24 kg/m<sup>2</sup>.

**Age = 50 years**

Number of CRFs	BMD T-score (femoral neck)											
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0	
0	6.2	3.2	1.6	0.8	0.4	0.2	0.1	0.1	0.0	0.0	0.0	
1	9.8 (6.5-13)	5.1 (3.4-6.7)	2.6 (1.7-3.5)	1.4 (0.9-1.8)	0.7 (0.5-0.9)	0.4 (0.2-0.5)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	
2	15 (9.1-23)	8.1 (4.7-12)	4.2 (2.4-6.4)	2.2 (1.3-3.3)	1.1 (0.6-1.7)	0.6 (0.3-0.9)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)	
3	23 (14-36)	13 (7.2-20)	6.7 (3.7-11)	3.5 (1.9-5.7)	1.8 (1.0-2.9)	0.9 (0.5-1.5)	0.5 (0.3-0.8)	0.2 (0.1-0.4)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.1)	
4	34 (22-49)	19 (12-29)	10 (6.4-16)	5.4 (3.3-8.6)	2.8 (1.7-4.5)	1.4 (0.9-2.3)	0.7 (0.4-1.2)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	
5	47 (38-61)	28 (21-39)	16 (12-22)	8.3 (6.1-12)	4.3 (3.1-6.3)	2.2 (1.6-3.3)	1.1 (0.8-1.7)	0.6 (0.4-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	
6	63	40	23	13	6.6	3.4	1.8	0.9	0.5	0.3	0.1	

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

**Age = 55 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	7.9	4.3	2.4	1.3	0.7	0.4	0.2	0.1	0.1	0.0	0.0
1	12 (8.3-15)	6.8 (4.6-8.4)	3.7 (2.5-4.6)	2.0 (1.3-2.5)	1.1 (0.7-1.3)	0.6 (0.4-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)	0.0 (0.0-0.0)
2	19 (12-26)	11 (6.4-15)	5.8 (3.5-8.4)	3.2 (1.9-4.6)	1.7 (1.0-2.5)	0.9 (0.6-1.3)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.0 (0.0-0.1)
3	27 (17-40)	16 (9.6-24)	9.0 (5.3-14)	4.9 (2.9-7.8)	2.7 (1.6-4.3)	1.4 (0.8-2.3)	0.8 (0.5-1.2)	0.4 (0.3-0.7)	0.2 (0.1-0.4)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
4	39 (28-54)	24 (16-35)	14 (9.0-21)	7.5 (4.9-12)	4.1 (2.7-6.4)	2.2 (1.4-3.5)	1.2 (0.8-1.9)	0.7 (0.4-1.1)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
5	53 (45-66)	34 (28-45)	20 (16-28)	11 (9.0-16)	6.3 (4.9-9.0)	3.4 (2.7-5.0)	1.9 (1.4-2.7)	1.0 (0.8-1.5)	0.6 (0.5-0.8)	0.3 (0.3-0.5)	0.2 (0.1-0.3)
6	68	47	29	17	9.5	5.2	2.8	1.6	0.9	0.5	0.3

**Age = 60 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	11	6.5	3.7	2.1	1.2	0.7	0.4	0.2	0.1	0.1	0.0
1	17 (12-20)	10 (6.8-12)	5.7 (3.9-6.7)	3.2 (2.2-3.8)	1.8 (1.2-2.1)	1.0 (0.7-1.2)	0.6 (0.4-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)
2	25 (16-33)	15 (9.6-20)	8.7 (5.5-12)	4.9 (3.1-6.8)	2.8 (1.7-3.9)	1.6 (1.0-2.2)	0.9 (0.6-1.2)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
3	35 (24-48)	22 (14-31)	13 (8.2-19)	7.5 (4.7-11)	4.3 (2.6-6.5)	2.4 (1.5-3.7)	1.4 (0.8-2.1)	0.8 (0.5-1.2)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)
4	48 (37-62)	31 (23-43)	19 (14-28)	11 (7.8-17)	6.4 (4.5-9.7)	3.7 (2.5-5.5)	2.1 (1.4-3.2)	1.2 (0.8-1.9)	0.7 (0.5-1.1)	0.4 (0.3-0.6)	0.2 (0.2-0.4)
5	62 (56-74)	43 (37-55)	27 (23-37)	16 (14-23)	9.6 (7.9-13)	5.5 (4.5-7.8)	3.2 (2.6-4.5)	1.8 (1.5-2.6)	1.1 (0.9-1.5)	0.6 (0.5-0.9)	0.4 (0.3-0.5)
6	75	56	38	24	14	8.2	4.7	2.8	1.6	0.9	0.5

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

**Age = 65 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	14	8.6	5.1	3.0	1.7	1.0	0.6	0.4	0.2	0.1	0.1
1	21 (15-24)	13 (9.0-15)	7.6 (5.3-9.0)	4.5 (3.1-5.4)	2.6 (1.8-3.2)	1.5 (1.1-1.8)	0.9 (0.6-1.1)	0.6 (0.4-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.2)
2	29 (20-37)	19 (13-24)	11 (7.5-15)	6.8 (4.4-8.8)	4.0 (2.6-5.2)	2.3 (1.5-3.1)	1.4 (0.9-1.9)	0.9 (0.6-1.1)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.3)
3	40 (29-51)	26 (18-35)	16 (11-23)	10 (6.7-14)	6.0 (3.9-8.5)	3.5 (2.3-5.1)	2.1 (1.4-3.1)	1.3 (0.8-1.9)	0.8 (0.5-1.1)	0.5 (0.3-0.7)	0.3 (0.2-0.4)
4	52 (43-65)	36 (29-48)	23 (18-32)	15 (11-21)	8.8 (6.5-13)	5.2 (3.8-7.6)	3.2 (2.3-4.7)	1.9 (1.4-2.9)	1.2 (0.8-1.7)	0.7 (0.5-1.1)	0.4 (0.3-0.6)
5	65 (60-75)	48 (43-59)	33 (28-42)	21 (18-28)	13 (11-18)	7.7 (6.4-11)	4.7 (3.9-6.6)	2.9 (2.4-4.0)	1.7 (1.4-2.5)	1.1 (0.9-1.5)	0.6 (0.5-0.9)
6	76	61	44	29	18	11	6.9	4.2	2.6	1.6	1.0

**Age = 70 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	15	9.2	5.7	3.5	2.1	1.3	0.8	0.5	0.3	0.2	0.1
1	23 (20-28)	15 (13-19)	9.3 (8.0-12)	5.8 (4.9-7.4)	3.6 (3.0-4.5)	2.2 (1.9-2.8)	1.4 (1.2-1.8)	0.9 (0.7-1.1)	0.6 (0.5-0.7)	0.3 (0.3-0.4)	0.2 (0.2-0.3)
2	35 (29-43)	23 (19-30)	15 (12-20)	9.4 (7.4-13)	5.9 (4.6-7.9)	3.7 (2.9-5.0)	2.3 (1.8-3.2)	1.5 (1.1-2.0)	0.9 (0.7-1.3)	0.6 (0.5-0.8)	0.4 (0.3-0.5)
3	49 (40-57)	35 (27-42)	23 (18-29)	15 (11-19)	9.5 (7.0-12)	6.0 (4.4-7.9)	3.8 (2.8-5.1)	2.4 (1.8-3.3)	1.5 (1.1-2.1)	1.0 (0.7-1.3)	0.6 (0.4-0.8)
4	63 (54-69)	49 (39-55)	35 (27-40)	23 (18-28)	15 (11-18)	9.7 (7.1-12)	6.3 (4.5-7.8)	4.0 (2.9-5.0)	2.6 (1.8-3.2)	1.6 (1.2-2.0)	1.0 (0.7-1.3)
5	76 (69-78)	64 (55-67)	49 (41-53)	35 (28-39)	23 (19-26)	15 (12-18)	10 (7.9-12)	6.5 (5.1-7.5)	4.2 (3.2-4.8)	2.7 (2.1-3.1)	1.7 (1.3-2.0)
6	84	76	64	49	35	24	16	10	6.8	4.4	2.8

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

**Age = 75 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	14	9.1	6.0	3.8	2.5	1.6	1.1	0.7	0.5	0.3	0.2
1	24 (19-45)	17 (13-33)	11 (8.3-23)	7.4 (5.4-16)	4.8 (3.5-10)	3.2 (2.3-6.9)	2.1 (1.5-4.6)	1.4 (1.0-3.1)	0.9 (0.7-2.0)	0.6 (0.4-1.3)	0.4 (0.3-0.9)
2	38 (26-60)	28 (18-47)	20 (12-35)	13 (7.6-25)	8.8 (4.9-17)	6.0 (3.3-12)	4.0 (2.2-7.9)	2.7 (1.4-5.3)	1.8 (1.0-3.5)	1.2 (0.6-2.4)	0.8 (0.4-1.6)
3	53 (36-70)	42 (25-59)	31 (17-47)	22 (11-34)	15 (7.4-24)	11 (4.9-17)	7.2 (3.3-12)	4.8 (2.2-8.1)	3.2 (1.4-5.5)	2.2 (1.0-3.7)	1.4 (0.6-2.5)
4	67 (47-77)	57 (35-69)	46 (25-57)	34 (17-45)	25 (11-34)	18 (7.7-24)	12 (5.2-17)	8.4 (3.5-12)	5.7 (2.3-8.2)	3.8 (1.5-5.6)	2.5 (1.0-3.7)
5	77 (60-82)	70 (48-76)	61 (36-67)	49 (26-55)	38 (18-43)	28 (13-32)	20 (8.6-24)	14 (5.8-17)	9.6 (3.9-12)	6.5 (2.6-7.8)	4.4 (1.8-5.3)
6	84	80	74	64	53	41	31	23	16	11	7.4

**Age = 80 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	13	8.7	5.9	4.0	2.7	1.9	1.3	0.9	0.6	0.5	0.3
1	22 (16-41)	16 (11-31)	11 (7.7-23)	7.6 (5.3-16)	5.3 (3.6-11)	3.7 (2.5-8.1)	2.6 (1.8-5.7)	1.8 (1.2-4.0)	1.3 (0.9-2.8)	0.9 (0.6-1.9)	0.6 (0.4-1.4)
2	33 (22-53)	25 (15-43)	19 (11-33)	13 (7.4-25)	9.4 (5.1-18)	6.7 (3.6-13)	4.8 (2.5-9.4)	3.4 (1.7-6.7)	2.4 (1.2-4.7)	1.6 (0.8-3.3)	1.1 (0.6-2.3)
3	47 (29-64)	37 (22-55)	29 (15-44)	21 (11-34)	16 (7.6-25)	11 (5.4-19)	8.2 (3.8-14)	5.9 (2.6-9.9)	4.1 (1.8-7.1)	2.9 (1.3-5.0)	2.0 (0.9-3.5)
4	59 (40-71)	51 (30-63)	41 (22-54)	32 (16-43)	25 (11-34)	18 (8.1-26)	14 (5.7-19)	9.8 (4.0-14)	7.0 (2.8-10)	5.0 (2.0-7.4)	3.5 (1.4-5.3)
5	71 (50-76)	63 (41-70)	55 (31-61)	45 (23-52)	36 (17-42)	28 (13-34)	21 (9.1-26)	16 (6.5-19)	12 (4.6-14)	8.3 (3.3-10)	5.9 (2.3-7.4)
6	79	74	67	59	50	41	32	24	18	13	9.6

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

**Age = 85 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	9.8	7.0	5.0	3.6	2.6	1.9	1.4	1.0	0.8	0.6	0.4
1	17 (13-34)	13 (9.1-26)	9.3 (6.6-20)	6.8 (4.7-14)	5.0 (3.5-11)	3.7 (2.5-8.1)	2.8 (1.9-6.0)	2.0 (1.4-4.5)	1.5 (1.0-3.3)	1.1 (0.7-2.4)	0.8 (0.5-1.8)
2	27 (17-45)	21 (13-36)	16 (9.2-28)	12 (6.6-22)	8.8 (4.9-17)	6.6 (3.6-13)	5.0 (2.6-9.6)	3.7 (1.9-7.2)	2.7 (1.4-5.4)	2.0 (1.0-4.0)	1.5 (0.8-2.9)
3	39 (23-56)	32 (17-47)	25 (13-38)	19 (9.4-30)	15 (7.0-24)	11 (5.3-18)	8.5 (3.9-14)	6.4 (2.9-11)	4.7 (2.1-8.0)	3.5 (1.6-6.0)	2.6 (1.2-4.4)
4	52 (32-64)	44 (25-56)	36 (19-48)	29 (14-39)	23 (10-31)	18 (7.9-25)	14 (5.9-19)	11 (4.4-15)	7.9 (3.2-11)	5.9 (2.4-8.6)	4.4 (1.8-6.5)
5	64 (42-70)	57 (34-63)	49 (26-55)	41 (20-47)	34 (16-39)	27 (12-32)	21 (9.1-26)	17 (6.9-20)	13 (5.2-16)	9.7 (3.8-12)	7.3 (2.9-9.0)
6	74	68	62	54	46	39	32	25	20	15	12

**Age = 90 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	6.1	4.6	3.4	2.6	2.0	1.6	1.2	1.0	0.7	0.6	0.4
1	11 (7.9-23)	8.4 (6.0-18)	6.4 (4.5-14)	4.9 (3.4-11)	3.9 (2.7-8.5)	3.0 (2.1-6.7)	2.4 (1.6-5.2)	1.8 (1.3-4.1)	1.4 (1.0-3.2)	1.1 (0.7-2.4)	0.8 (0.6-1.9)
2	18 (11-32)	14 (8.2-25)	11 (6.3-20)	8.6 (4.8-16)	6.8 (3.8-13)	5.4 (2.9-10)	4.2 (2.3-8.1)	3.3 (1.8-6.4)	2.6 (1.4-5.0)	2.0 (1.1-3.9)	1.5 (0.8-3.1)
3	27 (15-42)	22 (11-35)	18 (8.7-28)	14 (6.7-23)	11 (5.3-19)	9.0 (4.2-15)	7.2 (3.3-12)	5.6 (2.6-9.5)	4.4 (2.0-7.5)	3.5 (1.6-5.9)	2.7 (1.2-4.6)
4	39 (21-50)	33 (16-43)	27 (13-36)	22 (10-30)	18 (7.9-25)	14 (6.3-20)	12 (4.9-16)	9.3 (3.9-13)	7.3 (3.0-10)	5.8 (2.4-8.3)	4.5 (1.8-6.5)
5	51 (29-57)	45 (23-50)	38 (18-44)	32 (15-37)	27 (12-31)	22 (9.4-26)	18 (7.5-22)	15 (5.9-18)	12 (4.7-14)	9.4 (3.7-11)	7.4 (2.9-9.1)
6	63	57	50	44	38	32	27	22	18	15	12