

**Thailand - 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 Thailand. 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	0.5	0.3	0.1	0.1	0.1	0.1	0.1
1	1.0 (0.7-2.0)	0.5 (0.4-1.1)	0.3 (0.2-0.6)	0.2 (0.2-0.5)	0.2 (0.1-0.4)	0.1 (0.1-0.3)	0.1 (0.1-0.2)
2	2.0 (1.0-4.2)	1.1 (0.5-2.3)	0.6 (0.3-1.2)	0.5 (0.2-1.0)	0.4 (0.2-0.8)	0.3 (0.1-0.6)	0.2 (0.1-0.5)
3	3.7 (1.5-7.3)	2.0 (0.8-4.0)	1.1 (0.4-2.2)	0.9 (0.3-1.7)	0.7 (0.3-1.3)	0.5 (0.2-1.0)	0.4 (0.2-0.8)
4	6.7 (2.6-11)	3.7 (1.4-6.1)	2.0 (0.8-3.3)	1.6 (0.6-2.6)	1.2 (0.5-2.0)	1.0 (0.4-1.6)	0.7 (0.3-1.2)
5	12 (5.5-16)	6.7 (3.0-9.0)	3.7 (1.7-5.0)	2.9 (1.3-3.9)	2.2 (1.0-3.0)	1.7 (0.8-2.3)	1.3 (0.6-1.8)
6	20	12	6.5	5.1	3.9	3.1	2.4

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

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.0	0.5	0.3	0.2	0.2	0.1	0.1
1	1.8 (1.3-3.2)	1.0 (0.7-1.8)	0.6 (0.4-1.0)	0.4 (0.3-0.8)	0.3 (0.2-0.6)	0.3 (0.2-0.5)	0.2 (0.1-0.4)
2	3.4 (1.9-6.7)	1.9 (1.0-3.7)	1.0 (0.6-2.1)	0.8 (0.4-1.6)	0.6 (0.3-1.2)	0.5 (0.3-1.0)	0.4 (0.2-0.8)
3	6.2 (2.8-12)	3.5 (1.6-6.5)	1.9 (0.9-3.6)	1.5 (0.7-2.8)	1.2 (0.5-2.2)	0.9 (0.4-1.7)	0.7 (0.3-1.3)
4	11 (5.0-17)	6.2 (2.8-9.8)	3.5 (1.5-5.5)	2.7 (1.2-4.3)	2.1 (0.9-3.3)	1.6 (0.7-2.6)	1.3 (0.6-2.0)
5	18 (10-24)	11 (5.7-14)	6.1 (3.2-8.1)	4.8 (2.5-6.3)	3.7 (1.9-4.9)	2.9 (1.5-3.8)	2.2 (1.2-3.0)
6	30	18	10	8.2	6.4	5.0	3.9

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.8	1.0	0.6	0.4	0.3	0.3	0.2
1	3.3 (2.4-5.2)	1.9 (1.3-3.0)	1.0 (0.7-1.6)	0.8 (0.6-1.3)	0.6 (0.4-1.0)	0.5 (0.3-0.8)	0.4 (0.3-0.6)
2	5.9 (3.5-10)	3.4 (2.0-6.0)	1.9 (1.1-3.4)	1.5 (0.9-2.7)	1.1 (0.7-2.1)	0.9 (0.5-1.6)	0.7 (0.4-1.2)
3	10 (5.2-17)	5.9 (3.0-10)	3.4 (1.7-6.0)	2.6 (1.3-4.7)	2.0 (1.0-3.6)	1.6 (0.8-2.8)	1.2 (0.6-2.2)
4	17 (9.1-25)	10 (5.2-15)	5.9 (2.9-9.0)	4.6 (2.3-7.0)	3.6 (1.8-5.5)	2.8 (1.4-4.3)	2.1 (1.1-3.3)
5	27 (17-34)	17 (10-22)	10 (6.1-13)	7.8 (4.7-10)	6.1 (3.7-8.0)	4.8 (2.9-6.2)	3.7 (2.2-4.8)
6	41	27	17	13	10	8.1	6.3

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.2	1.8	1.0	0.8	0.6	0.5	0.4
1	5.4 (4.1-7.7)	3.2 (2.4-4.5)	1.8 (1.4-2.6)	1.4 (1.1-2.0)	1.1 (0.8-1.6)	0.9 (0.6-1.2)	0.7 (0.5-0.9)
2	9.1 (5.8-14)	5.5 (3.5-8.9)	3.2 (2.0-5.3)	2.5 (1.6-4.1)	1.9 (1.2-3.2)	1.5 (0.9-2.5)	1.1 (0.7-1.9)
3	15 (8.6-23)	9.3 (5.2-15)	5.5 (3.0-9.1)	4.3 (2.4-7.1)	3.3 (1.8-5.5)	2.6 (1.4-4.3)	2.0 (1.1-3.3)
4	23 (15-33)	15 (9.1-22)	9.2 (5.3-14)	7.2 (4.1-11)	5.6 (3.2-8.3)	4.3 (2.5-6.5)	3.4 (1.9-5.0)
5	35 (25-41)	24 (17-29)	15 (11-19)	12 (8.2-15)	9.3 (6.4-12)	7.2 (5.0-9.2)	5.6 (3.8-7.1)
6	49	36	24	19	15	12	9.3

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	5.1	3.2	1.9	1.5	1.1	0.9	0.7
1	8.9 (6.8-11)	5.7 (4.4-6.8)	3.5 (2.7-4.1)	2.7 (2.1-3.1)	2.1 (1.6-2.4)	1.6 (1.2-1.9)	1.2 (1.0-1.4)
2	15 (10-21)	10 (6.7-14)	6.2 (4.1-8.5)	4.8 (3.2-6.6)	3.7 (2.5-5.1)	2.9 (1.9-4.0)	2.2 (1.5-3.1)
3	24 (16-33)	17 (11-24)	11 (7.2-16)	8.5 (5.6-12)	6.6 (4.3-9.7)	5.1 (3.3-7.6)	3.9 (2.6-5.9)
4	36 (26-47)	27 (20-37)	18 (13-26)	15 (10-21)	11 (8.1-16)	8.9 (6.2-13)	6.9 (4.8-10)
5	50 (44-58)	41 (35-49)	30 (26-36)	24 (20-30)	19 (16-24)	15 (13-19)	12 (9.9-15)
6	63	56	45	38	31	25	20

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

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	7.7	5.3	3.4	2.6	2.0	1.5	1.2
1	14 (9.5-23)	9.9 (6.9-17)	6.5 (4.6-11)	5.0 (3.5-8.7)	3.9 (2.7-6.7)	3.0 (2.1-5.2)	2.3 (1.6-4.0)
2	23 (14-36)	17 (10-28)	12 (6.9-20)	9.3 (5.3-15)	7.2 (4.1-12)	5.6 (3.1-9.4)	4.3 (2.4-7.2)
3	34 (20-51)	28 (16-42)	21 (12-32)	16 (9.2-26)	13 (7.1-20)	10 (5.5-16)	7.8 (4.2-13)
4	47 (31-61)	42 (26-56)	33 (20-47)	27 (16-39)	22 (12-32)	17 (9.5-26)	14 (7.3-21)
5	60 (44-69)	56 (39-65)	49 (32-59)	41 (26-51)	34 (21-43)	28 (16-36)	23 (13-29)
6	71	68	64	57	50	42	35

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	9.4	6.8	4.6	3.5	2.7	2.1	1.6
1	16 (11-27)	12 (8.6-21)	8.5 (6.1-15)	6.6 (4.7-12)	5.0 (3.6-9.0)	3.9 (2.7-7.0)	3.0 (2.1-5.4)
2	25 (16-40)	20 (13-33)	15 (9.1-24)	12 (7.0-19)	9.0 (5.4-15)	7.0 (4.1-12)	5.4 (3.1-9.2)
3	37 (23-51)	31 (19-45)	24 (14-37)	19 (11-31)	15 (8.2-25)	12 (6.3-20)	9.3 (4.8-15)
4	49 (32-62)	44 (27-56)	37 (22-49)	30 (17-42)	25 (13-35)	20 (10-28)	16 (8.0-22)
5	61 (45-69)	57 (40-66)	51 (34-61)	44 (27-53)	37 (22-45)	30 (17-38)	24 (13-31)
6	70	68	65	58	51	43	36

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	8.8	6.7	4.8	3.7	2.8	2.1	1.6
1	15 (10-26)	12 (8.2-21)	8.7 (6.1-15)	6.7 (4.7-12)	5.2 (3.6-9.3)	3.9 (2.7-7.2)	3.0 (2.0-5.5)
2	24 (15-38)	19 (12-32)	15 (9.1-25)	12 (7.0-20)	9.1 (5.4-16)	7.0 (4.1-12)	5.3 (3.1-9.4)
3	34 (21-49)	30 (18-43)	24 (14-36)	19 (11-30)	15 (8.2-24)	12 (6.3-19)	9.1 (4.8-15)
4	47 (30-59)	42 (25-54)	36 (21-48)	30 (16-40)	24 (13-33)	19 (9.9-27)	15 (7.5-22)
5	58 (42-66)	54 (38-63)	49 (32-59)	42 (26-51)	35 (21-44)	29 (16-37)	23 (13-30)
6	68	66	62	56	48	41	34

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	7.4	5.6	4.1	3.1	2.4	1.8	1.4
1	13 (8.8-22)	10 (6.9-18)	7.4 (5.2-13)	5.7 (3.9-10)	4.3 (3.0-7.9)	3.3 (2.3-6.1)	2.5 (1.7-4.6)
2	20 (13-34)	17 (10-28)	13 (7.7-22)	9.9 (5.9-17)	7.7 (4.5-13)	5.9 (3.4-10)	4.5 (2.6-8.0)
3	30 (18-44)	26 (15-38)	21 (12-32)	16 (9.0-26)	13 (6.9-21)	10 (5.2-16)	7.7 (4.0-13)
4	42 (26-54)	37 (22-49)	32 (18-43)	26 (14-36)	21 (11-29)	16 (8.3-23)	13 (6.3-19)
5	53 (38-61)	50 (33-59)	44 (28-54)	38 (22-46)	31 (18-39)	25 (14-32)	20 (11-26)
6	62	61	58	51	43	36	30