

**The US (Asian) - 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 the US (Asian). 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	0.7 (0.5-1.4)	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	1.4 (0.7-3.1)	0.8 (0.4-1.7)	0.4 (0.2-0.9)	0.3 (0.2-0.7)	0.2 (0.1-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
3	2.7 (1.1-5.3)	1.5 (0.6-2.9)	0.8 (0.3-1.6)	0.6 (0.2-1.2)	0.5 (0.2-0.9)	0.4 (0.2-0.7)	0.3 (0.1-0.6)
4	5.0 (1.9-8.1)	2.7 (1.0-4.4)	1.5 (0.6-2.4)	1.1 (0.4-1.9)	0.9 (0.3-1.4)	0.7 (0.3-1.1)	0.5 (0.2-0.9)
5	8.8 (4.1-12)	4.9 (2.2-6.6)	2.6 (1.2-3.6)	2.1 (0.9-2.8)	1.6 (0.7-2.2)	1.2 (0.6-1.7)	1.0 (0.4-1.3)
6	15	8.6	4.7	3.7	2.8	2.2	1.7

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

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.7	0.4	0.2	0.2	0.1	0.1	0.1
1	1.3 (0.9-2.2)	0.7 (0.5-1.2)	0.4 (0.3-0.6)	0.3 (0.2-0.5)	0.2 (0.2-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
2	2.4 (1.3-4.7)	1.3 (0.7-2.6)	0.7 (0.4-1.4)	0.5 (0.3-1.1)	0.4 (0.2-0.8)	0.3 (0.2-0.7)	0.3 (0.1-0.5)
3	4.4 (2.0-8.2)	2.4 (1.1-4.5)	1.3 (0.6-2.4)	1.0 (0.5-1.9)	0.8 (0.4-1.5)	0.6 (0.3-1.2)	0.5 (0.2-0.9)
4	7.8 (3.5-12)	4.3 (1.9-6.8)	2.3 (1.0-3.7)	1.8 (0.8-2.9)	1.4 (0.6-2.3)	1.1 (0.5-1.8)	0.9 (0.4-1.4)
5	14 (7.3-18)	7.6 (4.0-10)	4.2 (2.2-5.6)	3.2 (1.7-4.3)	2.5 (1.3-3.4)	2.0 (1.0-2.6)	1.5 (0.8-2.1)
6	23	13	7.2	5.7	4.4	3.4	2.7

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.2	0.7	0.4	0.3	0.2	0.2	0.1
1	2.2 (1.6-3.5)	1.2 (0.9-1.9)	0.7 (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	4.1 (2.4-7.3)	2.2 (1.3-4.1)	1.2 (0.7-2.2)	0.9 (0.6-1.7)	0.7 (0.4-1.3)	0.6 (0.3-1.0)	0.4 (0.3-0.8)
3	7.2 (3.6-13)	4.0 (2.0-7.1)	2.2 (1.1-3.9)	1.7 (0.8-3.0)	1.3 (0.7-2.4)	1.0 (0.5-1.8)	0.8 (0.4-1.4)
4	12 (6.3-19)	7.0 (3.5-11)	3.8 (1.9-5.9)	3.0 (1.5-4.6)	2.3 (1.1-3.6)	1.8 (0.9-2.8)	1.4 (0.7-2.2)
5	21 (13-26)	12 (7.3-15)	6.6 (4.0-8.7)	5.2 (3.1-6.8)	4.0 (2.4-5.3)	3.2 (1.9-4.2)	2.5 (1.5-3.2)
6	33	20	11	8.9	6.9	5.4	4.2

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.2	1.2	0.7	0.5	0.4	0.3	0.2
1	4.0 (2.9-5.5)	2.2 (1.6-3.1)	1.2 (0.9-1.7)	0.9 (0.7-1.3)	0.7 (0.5-1.0)	0.6 (0.4-0.8)	0.4 (0.3-0.6)
2	6.8 (4.3-11)	3.8 (2.4-6.4)	2.1 (1.3-3.5)	1.6 (1.0-2.7)	1.3 (0.8-2.1)	1.0 (0.6-1.7)	0.8 (0.5-1.3)
3	12 (6.5-19)	6.6 (3.7-11)	3.7 (2.0-6.2)	2.9 (1.6-4.8)	2.2 (1.2-3.7)	1.7 (0.9-2.9)	1.3 (0.7-2.3)
4	19 (11-27)	11 (6.4-16)	6.3 (3.5-9.3)	4.9 (2.8-7.3)	3.8 (2.1-5.7)	3.0 (1.7-4.4)	2.3 (1.3-3.4)
5	30 (22-37)	18 (13-23)	11 (7.4-13)	8.3 (5.8-11)	6.5 (4.5-8.3)	5.1 (3.5-6.5)	3.9 (2.7-5.1)
6	45	29	17	14	11	8.5	6.6

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.2	2.4	1.3	1.0	0.8	0.6	0.5
1	7.7 (6.1-8.9)	4.4 (3.5-5.1)	2.4 (2.0-2.8)	1.9 (1.5-2.2)	1.5 (1.2-1.7)	1.1 (0.9-1.3)	0.9 (0.7-1.0)
2	14 (9.2-18)	7.9 (5.3-10)	4.5 (3.0-5.9)	3.5 (2.3-4.6)	2.7 (1.8-3.6)	2.1 (1.4-2.8)	1.6 (1.1-2.2)
3	23 (16-33)	14 (9.2-20)	8.1 (5.2-12)	6.3 (4.1-9.5)	4.9 (3.2-7.4)	3.8 (2.5-5.8)	3.0 (1.9-4.5)
4	37 (28-49)	24 (18-33)	14 (11-20)	11 (8.3-16)	8.9 (6.5-13)	6.9 (5.1-10)	5.4 (3.9-7.8)
5	55 (49-63)	39 (34-45)	24 (21-29)	20 (17-23)	16 (13-19)	12 (10-15)	9.6 (8.2-12)
6	73	57	40	32	26	21	17

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

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	7.9	4.6	2.6	2.0	1.6	1.2	0.9
1	15 (11-25)	9.0 (6.6-15)	5.2 (3.8-8.8)	4.0 (3.0-6.9)	3.1 (2.3-5.4)	2.4 (1.8-4.2)	1.9 (1.4-3.2)
2	26 (16-41)	17 (9.9-28)	9.9 (5.7-17)	7.8 (4.5-14)	6.1 (3.5-11)	4.7 (2.7-8.4)	3.7 (2.1-6.6)
3	42 (27-60)	29 (17-44)	18 (9.9-29)	14 (7.8-23)	11 (6.1-19)	9.0 (4.7-15)	7.0 (3.7-12)
4	60 (42-75)	46 (28-63)	31 (17-45)	25 (14-37)	20 (11-30)	16 (8.4-25)	13 (6.6-20)
5	76 (60-83)	66 (47-75)	50 (32-59)	42 (26-50)	35 (21-42)	28 (16-35)	23 (13-28)
6	85	81	71	62	54	45	38

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	13	7.8	4.5	3.5	2.7	2.1	1.6
1	23 (17-37)	14 (11-24)	8.7 (6.5-15)	6.8 (5.1-12)	5.3 (3.9-9.2)	4.1 (3.0-7.2)	3.2 (2.4-5.6)
2	36 (25-54)	25 (16-41)	16 (9.8-28)	12 (7.6-22)	9.8 (5.9-18)	7.7 (4.6-14)	6.0 (3.6-11)
3	53 (35-70)	40 (24-59)	27 (15-43)	22 (12-35)	17 (9.1-29)	14 (7.1-23)	11 (5.5-18)
4	68 (51-79)	58 (37-72)	43 (24-57)	36 (20-49)	29 (15-41)	24 (12-33)	19 (9.5-27)
5	78 (66-84)	73 (56-81)	62 (42-71)	54 (35-62)	46 (28-54)	38 (22-45)	31 (18-38)
6	85	84	79	72	64	56	48

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	15	9.8	5.8	4.5	3.5	2.7	2.1
1	27 (20-42)	18 (13-30)	11 (8.3-19)	8.7 (6.5-15)	6.8 (5.0-12)	5.2 (3.9-9.2)	4.1 (3.0-7.2)
2	41 (29-60)	30 (20-47)	20 (12-34)	16 (9.7-27)	12 (7.5-22)	9.7 (5.9-17)	7.6 (4.5-14)
3	57 (40-73)	46 (29-65)	33 (19-50)	27 (15-42)	22 (11-35)	17 (9.0-28)	14 (7.0-23)
4	71 (55-80)	63 (44-76)	50 (30-65)	42 (24-56)	35 (19-48)	29 (15-40)	23 (12-33)
5	80 (69-85)	76 (61-83)	68 (49-76)	60 (41-69)	52 (33-61)	44 (27-53)	37 (22-44)
6	85	85	82	76	70	62	54

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	14	9.4	5.8	4.5	3.5	2.7	2.1
1	24 (18-39)	17 (13-28)	11 (8.1-19)	8.5 (6.3-15)	6.6 (4.8-12)	5.1 (3.7-9.0)	4.0 (2.9-7.0)
2	38 (26-56)	28 (18-44)	19 (12-32)	15 (9.4-26)	12 (7.3-21)	9.4 (5.6-17)	7.3 (4.3-13)
3	53 (36-68)	43 (27-61)	32 (18-48)	26 (14-40)	21 (11-33)	16 (8.6-27)	13 (6.7-21)
4	66 (50-77)	59 (41-72)	48 (29-62)	40 (23-54)	33 (19-46)	27 (15-38)	22 (11-31)
5	76 (64-82)	73 (57-80)	65 (46-74)	57 (38-66)	49 (31-58)	42 (25-50)	34 (20-42)
6	82	82	79	73	66	58	50