

**The US (Asian) - 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/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	0.2	0.1	0.1	0.1	0.0	0.0	0.0
1	0.5 (0.3-0.9)	0.3 (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)	0.1 (0.0-0.1)
2	0.9 (0.4-1.9)	0.5 (0.2-1.1)	0.3 (0.1-0.6)	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	1.7 (0.7-3.3)	0.9 (0.4-1.9)	0.5 (0.2-1.0)	0.4 (0.2-0.8)	0.3 (0.1-0.6)	0.2 (0.1-0.5)	0.2 (0.1-0.4)
4	3.1 (1.2-5.0)	1.7 (0.7-2.8)	0.9 (0.4-1.5)	0.7 (0.3-1.2)	0.6 (0.2-0.9)	0.4 (0.2-0.7)	0.3 (0.1-0.6)
5	5.5 (2.5-7.3)	3.1 (1.4-4.2)	1.7 (0.8-2.3)	1.3 (0.6-1.8)	1.0 (0.5-1.4)	0.8 (0.4-1.1)	0.6 (0.3-0.8)
6	9.5	5.4	3.0	2.3	1.8	1.4	1.1

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

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.4	0.2	0.1	0.1	0.1	0.1	0.0
1	0.8 (0.5-1.4)	0.4 (0.3-0.8)	0.2 (0.2-0.4)	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 (0.8-2.9)	0.8 (0.4-1.6)	0.5 (0.2-0.9)	0.4 (0.2-0.7)	0.3 (0.2-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
3	2.7 (1.2-5.0)	1.5 (0.7-2.9)	0.8 (0.4-1.6)	0.6 (0.3-1.2)	0.5 (0.2-1.0)	0.4 (0.2-0.7)	0.3 (0.1-0.6)
4	4.8 (2.1-7.6)	2.7 (1.2-4.3)	1.5 (0.7-2.4)	1.2 (0.5-1.9)	0.9 (0.4-1.5)	0.7 (0.3-1.1)	0.5 (0.2-0.9)
5	8.2 (4.3-11)	4.8 (2.5-6.3)	2.7 (1.4-3.6)	2.1 (1.1-2.8)	1.6 (0.8-2.2)	1.2 (0.6-1.7)	1.0 (0.5-1.3)
6	14	8.2	4.7	3.6	2.8	2.2	1.7

**Age = 60 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	1.4 (1.0-2.2)	0.8 (0.6-1.2)	0.4 (0.3-0.7)	0.3 (0.2-0.5)	0.3 (0.2-0.4)	0.2 (0.1-0.3)	0.2 (0.1-0.2)
2	2.4 (1.4-4.3)	1.4 (0.8-2.5)	0.8 (0.5-1.4)	0.6 (0.4-1.1)	0.5 (0.3-0.9)	0.4 (0.2-0.7)	0.3 (0.2-0.5)
3	4.2 (2.1-7.5)	2.5 (1.2-4.4)	1.4 (0.7-2.5)	1.1 (0.5-1.9)	0.8 (0.4-1.5)	0.6 (0.3-1.2)	0.5 (0.3-0.9)
4	7.3 (3.8-11)	4.3 (2.2-6.6)	2.4 (1.2-3.8)	1.9 (0.9-2.9)	1.5 (0.7-2.3)	1.1 (0.6-1.8)	0.9 (0.4-1.4)
5	12 (7.3-15)	7.3 (4.4-9.4)	4.2 (2.5-5.5)	3.3 (2.0-4.3)	2.5 (1.5-3.3)	2.0 (1.2-2.6)	1.5 (0.9-2.0)
6	20	12	7.2	5.6	4.3	3.4	2.6

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.3	0.8	0.4	0.3	0.3	0.2	0.2
1	2.3 (1.7-3.2)	1.3 (1.0-1.9)	0.8 (0.6-1.1)	0.6 (0.4-0.8)	0.5 (0.3-0.6)	0.4 (0.3-0.5)	0.3 (0.2-0.4)
2	3.9 (2.4-6.2)	2.3 (1.5-3.8)	1.3 (0.8-2.2)	1.0 (0.6-1.7)	0.8 (0.5-1.3)	0.6 (0.4-1.0)	0.5 (0.3-0.8)
3	6.5 (3.7-11)	4.0 (2.2-6.6)	2.3 (1.3-3.9)	1.8 (1.0-3.0)	1.4 (0.8-2.3)	1.1 (0.6-1.8)	0.8 (0.5-1.4)
4	11 (6.4-16)	6.6 (3.9-9.9)	3.9 (2.2-5.9)	3.0 (1.7-4.6)	2.4 (1.3-3.5)	1.8 (1.0-2.7)	1.4 (0.8-2.1)
5	17 (12-21)	11 (7.5-14)	6.6 (4.5-8.4)	5.1 (3.5-6.5)	4.0 (2.7-5.0)	3.1 (2.1-3.9)	2.4 (1.6-3.0)
6	26	17	11	8.4	6.6	5.1	4.0

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.3	1.4	0.8	0.6	0.5	0.4	0.3
1	4.2 (3.2-5.0)	2.6 (2.0-3.0)	1.5 (1.2-1.8)	1.2 (0.9-1.4)	0.9 (0.7-1.1)	0.7 (0.6-0.8)	0.5 (0.4-0.6)
2	7.3 (4.8-10)	4.6 (3.0-6.4)	2.8 (1.8-3.8)	2.1 (1.4-2.9)	1.7 (1.1-2.3)	1.3 (0.8-1.7)	1.0 (0.6-1.3)
3	12 (8.3-18)	8.1 (5.3-12)	5.0 (3.2-7.4)	3.8 (2.5-5.7)	3.0 (1.9-4.4)	2.3 (1.5-3.4)	1.8 (1.1-2.7)
4	20 (14-28)	14 (9.7-20)	8.8 (6.2-13)	6.8 (4.8-9.9)	5.3 (3.7-7.7)	4.1 (2.9-6.0)	3.1 (2.2-4.6)
5	31 (26-38)	23 (19-28)	15 (13-19)	12 (9.9-15)	9.2 (7.7-12)	7.2 (6.0-9.0)	5.5 (4.6-7.0)
6	45	35	25	20	16	12	9.6

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

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.1	2.7	1.6	1.2	1.0	0.7	0.6
1	7.8 (5.4-14)	5.1 (3.6-8.9)	3.2 (2.3-5.5)	2.5 (1.7-4.3)	1.9 (1.3-3.3)	1.5 (1.0-2.5)	1.1 (0.8-2.0)
2	14 (8.1-23)	9.5 (5.5-16)	6.1 (3.4-10)	4.7 (2.7-8.1)	3.6 (2.0-6.3)	2.8 (1.6-4.8)	2.2 (1.2-3.7)
3	23 (13-35)	17 (9.4-26)	11 (6.0-18)	8.7 (4.6-14)	6.7 (3.6-11)	5.2 (2.8-8.6)	4.0 (2.1-6.7)
4	35 (21-48)	28 (16-40)	19 (11-29)	15 (8.3-23)	12 (6.4-19)	9.4 (4.9-15)	7.3 (3.8-11)
5	49 (33-59)	42 (26-51)	32 (19-40)	26 (15-33)	21 (12-26)	16 (9.0-21)	13 (7.0-17)
6	62	57	48	41	33	27	22

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	6.6	4.4	2.8	2.1	1.6	1.3	1.0
1	12 (8.4-21)	8.2 (5.9-14)	5.3 (3.8-9.4)	4.1 (3.0-7.3)	3.2 (2.3-5.6)	2.4 (1.7-4.4)	1.9 (1.3-3.4)
2	20 (12-32)	14 (8.8-24)	9.7 (5.8-17)	7.5 (4.5-13)	5.8 (3.4-10)	4.5 (2.6-8.0)	3.5 (2.0-6.2)
3	30 (18-44)	24 (13-36)	17 (8.9-27)	13 (6.9-22)	10 (5.3-17)	8.0 (4.1-14)	6.2 (3.1-11)
4	42 (26-54)	36 (21-48)	27 (15-38)	22 (12-31)	17 (9.1-25)	14 (7.1-20)	11 (5.5-16)
5	55 (38-64)	50 (33-59)	41 (25-50)	34 (20-42)	28 (16-35)	22 (12-28)	18 (9.5-23)
6	66	63	57	49	42	34	28

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	8.3	5.7	3.6	2.8	2.2	1.7	1.3
1	15 (10-25)	10 (7.5-18)	6.9 (5.0-12)	5.3 (3.8-9.4)	4.1 (2.9-7.3)	3.1 (2.2-5.7)	2.4 (1.7-4.4)
2	24 (15-38)	18 (11-29)	12 (7.5-21)	9.6 (5.8-17)	7.5 (4.4-13)	5.8 (3.4-10)	4.4 (2.6-7.8)
3	35 (22-50)	29 (17-43)	21 (11-33)	17 (8.8-27)	13 (6.8-21)	10 (5.3-17)	7.9 (4.0-13)
4	48 (31-61)	42 (26-55)	33 (19-45)	27 (15-38)	22 (12-31)	17 (9.0-25)	13 (7.0-20)
5	61 (45-69)	56 (38-65)	48 (31-57)	41 (25-49)	34 (20-42)	27 (15-34)	22 (12-28)
6	71	69	63	56	48	41	34

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	7.8	5.5	3.6	2.8	2.1	1.6	1.2
1	14 (9.6-24)	10 (7.1-18)	6.8 (4.9-12)	5.2 (3.7-9.3)	4.0 (2.8-7.2)	3.1 (2.2-5.6)	2.4 (1.7-4.3)
2	22 (14-36)	17 (11-28)	12 (7.3-20)	9.4 (5.6-16)	7.3 (4.3-13)	5.6 (3.3-9.7)	4.3 (2.5-7.5)
3	34 (21-48)	27 (16-41)	20 (11-32)	16 (8.6-26)	13 (6.6-21)	9.8 (5.1-16)	7.6 (3.9-13)
4	46 (29-59)	40 (24-52)	32 (18-44)	26 (14-36)	21 (11-30)	16 (8.6-24)	13 (6.6-19)
5	59 (43-68)	54 (36-63)	46 (29-56)	39 (23-48)	32 (18-40)	26 (14-33)	21 (11-27)
6	70	67	61	54	46	39	32