

**The US (Caucasian) - 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 (Caucasian). 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	0.7	0.4	0.2	0.2	0.1	0.1	0.1
1	1.3 (0.9-2.6)	0.7 (0.5-1.4)	0.4 (0.3-0.8)	0.3 (0.2-0.6)	0.2 (0.2-0.5)	0.2 (0.1-0.4)	0.1 (0.1-0.3)
2	2.6 (1.3-5.5)	1.4 (0.7-3.0)	0.8 (0.4-1.6)	0.6 (0.3-1.3)	0.5 (0.2-1.0)	0.4 (0.2-0.8)	0.3 (0.1-0.6)
3	4.9 (2.0-9.5)	2.7 (1.1-5.3)	1.4 (0.6-2.9)	1.1 (0.5-2.2)	0.9 (0.4-1.7)	0.7 (0.3-1.4)	0.5 (0.2-1.1)
4	8.8 (3.5-14)	4.9 (1.9-7.9)	2.7 (1.0-4.3)	2.1 (0.8-3.4)	1.6 (0.6-2.6)	1.3 (0.5-2.1)	1.0 (0.4-1.6)
5	15 (7.3-20)	8.7 (4.0-12)	4.8 (2.2-6.5)	3.7 (1.7-5.1)	2.9 (1.3-4.0)	2.3 (1.0-3.1)	1.8 (0.8-2.4)
6	26	15	8.4	6.6	5.2	4.0	3.1

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

**Age = 55 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	2.3 (1.6-4.0)	1.3 (0.9-2.2)	0.7 (0.5-1.2)	0.5 (0.4-0.9)	0.4 (0.3-0.7)	0.3 (0.2-0.6)	0.2 (0.2-0.4)
2	4.3 (2.3-8.3)	2.4 (1.3-4.6)	1.3 (0.7-2.5)	1.0 (0.5-2.0)	0.8 (0.4-1.5)	0.6 (0.3-1.2)	0.5 (0.3-0.9)
3	7.7 (3.5-14)	4.3 (1.9-8.0)	2.4 (1.1-4.4)	1.8 (0.8-3.5)	1.4 (0.6-2.7)	1.1 (0.5-2.1)	0.9 (0.4-1.6)
4	13 (6.2-21)	7.7 (3.4-12)	4.2 (1.9-6.7)	3.3 (1.4-5.2)	2.6 (1.1-4.1)	2.0 (0.9-3.2)	1.6 (0.7-2.5)
5	23 (13-29)	13 (7.1-17)	7.5 (3.9-9.9)	5.8 (3.1-7.8)	4.6 (2.4-6.1)	3.6 (1.9-4.7)	2.8 (1.4-3.7)
6	36	22	13	10	7.9	6.2	4.8

**Age = 60 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 (2.9-6.3)	2.2 (1.6-3.5)	1.2 (0.9-1.9)	0.9 (0.7-1.5)	0.7 (0.5-1.2)	0.6 (0.4-0.9)	0.4 (0.3-0.7)
2	7.1 (4.2-13)	4.0 (2.4-7.2)	2.2 (1.3-4.0)	1.7 (1.0-3.1)	1.3 (0.8-2.4)	1.0 (0.6-1.9)	0.8 (0.5-1.5)
3	12 (6.4-21)	7.1 (3.6-12)	3.9 (2.0-7.0)	3.1 (1.5-5.5)	2.4 (1.2-4.3)	1.9 (0.9-3.3)	1.4 (0.7-2.6)
4	21 (11-30)	12 (6.2-18)	6.9 (3.5-11)	5.4 (2.7-8.2)	4.2 (2.1-6.5)	3.3 (1.6-5.0)	2.5 (1.3-3.9)
5	33 (21-41)	20 (13-26)	12 (7.2-15)	9.3 (5.6-12)	7.3 (4.4-9.5)	5.7 (3.4-7.4)	4.4 (2.7-5.8)
6	49	32	20	16	12	9.6	7.5

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.9	2.2	1.2	1.0	0.7	0.6	0.4
1	6.8 (5.1-9.5)	3.9 (2.9-5.4)	2.2 (1.6-3.0)	1.7 (1.2-2.4)	1.3 (1.0-1.8)	1.0 (0.8-1.4)	0.8 (0.6-1.1)
2	12 (7.4-18)	6.7 (4.3-11)	3.8 (2.4-6.3)	2.9 (1.8-4.9)	2.3 (1.4-3.8)	1.8 (1.1-3.0)	1.4 (0.9-2.3)
3	19 (11-30)	11 (6.4-19)	6.5 (3.6-11)	5.1 (2.8-8.5)	4.0 (2.2-6.6)	3.1 (1.7-5.2)	2.4 (1.3-4.0)
4	30 (19-41)	19 (11-27)	11 (6.3-16)	8.6 (4.9-13)	6.7 (3.8-10)	5.3 (3.0-7.8)	4.1 (2.3-6.1)
5	44 (33-52)	29 (21-36)	18 (13-23)	14 (10-18)	11 (7.8-14)	8.8 (6.1-11)	6.9 (4.8-8.8)
6	61	44	29	23	18	15	11

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	7.2	4.2	2.4	1.8	1.4	1.1	0.9
1	13 (10-15)	7.6 (6.0-8.8)	4.4 (3.5-5.0)	3.4 (2.7-3.9)	2.6 (2.1-3.0)	2.0 (1.6-2.4)	1.6 (1.3-1.8)
2	21 (15-28)	13 (9.0-18)	7.9 (5.3-10)	6.1 (4.1-8.1)	4.8 (3.2-6.4)	3.7 (2.5-5.0)	2.9 (1.9-3.9)
3	34 (24-46)	23 (15-32)	14 (9.1-20)	11 (7.1-16)	8.6 (5.5-13)	6.7 (4.3-9.9)	5.2 (3.3-7.8)
4	51 (40-63)	37 (28-48)	24 (18-33)	19 (14-26)	15 (11-21)	12 (8.6-17)	9.2 (6.7-13)
5	67 (61-74)	54 (48-62)	38 (33-45)	31 (27-37)	25 (22-30)	20 (17-24)	16 (14-20)
6	79	71	57	48	40	33	27

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

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	12	7.7	4.6	3.5	2.7	2.1	1.6
1	22 (16-36)	15 (11-24)	8.9 (6.5-15)	7.0 (5.1-12)	5.4 (3.9-9.3)	4.2 (3.0-7.2)	3.3 (2.3-5.6)
2	36 (24-53)	26 (16-40)	17 (9.8-28)	13 (7.6-22)	10 (5.9-18)	8.0 (4.6-14)	6.3 (3.6-11)
3	53 (36-69)	41 (26-58)	29 (17-44)	23 (13-36)	19 (10-29)	15 (8.0-24)	12 (6.2-19)
4	67 (51-78)	59 (41-73)	46 (28-62)	38 (22-53)	31 (18-45)	25 (14-37)	20 (11-30)
5	78 (66-84)	74 (59-81)	65 (46-74)	57 (38-66)	49 (31-58)	41 (25-50)	34 (20-42)
6	84	83	80	74	67	59	51

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	18	12	7.6	5.9	4.6	3.5	2.7
1	30 (23-47)	22 (16-35)	14 (11-24)	11 (8.2-19)	8.6 (6.4-15)	6.7 (4.9-12)	5.2 (3.8-9.2)
2	44 (32-62)	35 (23-52)	24 (16-40)	19 (12-33)	15 (9.5-26)	12 (7.4-21)	9.5 (5.7-17)
3	58 (43-72)	50 (33-67)	39 (23-57)	32 (18-49)	26 (14-41)	21 (11-33)	17 (8.7-27)
4	69 (54-79)	65 (48-76)	56 (36-69)	48 (29-62)	40 (24-54)	33 (19-46)	27 (15-38)
5	78 (67-83)	76 (62-82)	71 (54-79)	64 (46-73)	57 (38-66)	49 (31-58)	41 (25-50)
6	83	83	82	77	72	65	58

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	21	14	9.4	7.3	5.7	4.4	3.4
1	33 (25-50)	25 (19-40)	17 (13-29)	13 (9.9-23)	10 (7.7-18)	8.2 (5.9-14)	6.3 (4.6-11)
2	47 (34-65)	38 (26-56)	29 (19-45)	23 (15-37)	18 (11-30)	14 (8.9-24)	11 (6.9-19)
3	60 (45-74)	53 (37-69)	44 (27-61)	36 (22-53)	30 (17-45)	24 (13-38)	19 (10-31)
4	71 (56-80)	67 (50-77)	60 (41-73)	52 (34-66)	45 (28-58)	37 (22-50)	31 (17-42)
5	78 (68-82)	77 (65-82)	73 (58-80)	67 (50-75)	60 (42-69)	53 (35-62)	45 (28-54)
6	81	82	82	78	74	67	61

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	17	13	8.7	6.7	5.2	4.0	3.0
1	28 (21-44)	22 (16-36)	16 (11-26)	12 (8.8-21)	9.5 (6.8-17)	7.4 (5.2-13)	5.7 (4.0-10)
2	41 (29-59)	34 (23-51)	26 (17-41)	21 (13-33)	16 (10-27)	13 (7.8-22)	10 (6.0-17)
3	54 (39-69)	48 (32-63)	40 (24-56)	33 (19-48)	27 (15-41)	21 (12-34)	17 (9.2-27)
4	66 (50-76)	61 (44-73)	55 (37-68)	47 (30-61)	40 (24-53)	33 (19-45)	27 (15-38)
5	73 (63-78)	72 (59-78)	68 (52-76)	62 (44-71)	55 (37-64)	47 (30-57)	40 (24-49)
6	76	79	78	74	68	62	55