

**Sweden - 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 Sweden. 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	0.8	0.4	0.2	0.2	0.1	0.1	0.1
1	1.6 (1.0-3.1)	0.9 (0.6-1.7)	0.5 (0.3-0.9)	0.4 (0.2-0.7)	0.3 (0.2-0.6)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
2	3.0 (1.5-6.4)	1.7 (0.8-3.6)	0.9 (0.5-2.0)	0.7 (0.4-1.5)	0.6 (0.3-1.2)	0.4 (0.2-0.9)	0.3 (0.2-0.7)
3	5.7 (2.3-11)	3.2 (1.3-6.2)	1.7 (0.7-3.4)	1.3 (0.5-2.7)	1.0 (0.4-2.1)	0.8 (0.3-1.6)	0.6 (0.3-1.3)
4	10 (4.1-16)	5.8 (2.3-9.3)	3.2 (1.2-5.2)	2.5 (1.0-4.1)	1.9 (0.7-3.2)	1.5 (0.6-2.5)	1.2 (0.4-1.9)
5	17 (8.3-23)	10 (4.7-14)	5.7 (2.6-7.7)	4.5 (2.0-6.0)	3.5 (1.6-4.7)	2.7 (1.2-3.7)	2.1 (0.9-2.8)
6	29	17	10	7.8	6.1	4.8	3.7

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

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.3	0.7	0.4	0.3	0.2	0.2	0.1
1	2.5 (1.7-4.4)	1.4 (1.0-2.5)	0.8 (0.5-1.4)	0.6 (0.4-1.1)	0.5 (0.3-0.8)	0.4 (0.2-0.6)	0.3 (0.2-0.5)
2	4.6 (2.5-8.8)	2.6 (1.4-5.1)	1.5 (0.8-2.9)	1.1 (0.6-2.2)	0.9 (0.5-1.7)	0.7 (0.4-1.3)	0.5 (0.3-1.0)
3	8.2 (3.8-15)	4.7 (2.2-8.8)	2.7 (1.2-5.0)	2.1 (0.9-3.9)	1.6 (0.7-3.0)	1.2 (0.6-2.3)	1.0 (0.4-1.8)
4	14 (6.6-22)	8.3 (3.8-13)	4.8 (2.1-7.5)	3.7 (1.6-5.9)	2.9 (1.3-4.6)	2.2 (1.0-3.6)	1.7 (0.8-2.8)
5	23 (13-29)	14 (7.6-19)	8.3 (4.4-11)	6.5 (3.4-8.6)	5.1 (2.6-6.7)	3.9 (2.0-5.2)	3.1 (1.6-4.1)
6	36	24	14	11	8.7	6.8	5.3

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.3	1.3	0.8	0.6	0.5	0.4	0.3
1	4.2 (3.1-6.6)	2.4 (1.8-3.9)	1.4 (1.0-2.2)	1.1 (0.8-1.7)	0.8 (0.6-1.3)	0.6 (0.5-1.0)	0.5 (0.4-0.8)
2	7.3 (4.3-13)	4.4 (2.6-7.7)	2.5 (1.5-4.5)	1.9 (1.1-3.5)	1.5 (0.9-2.7)	1.2 (0.7-2.1)	0.9 (0.5-1.6)
3	12 (6.5-21)	7.6 (3.9-13)	4.4 (2.2-7.8)	3.4 (1.7-6.1)	2.7 (1.3-4.7)	2.1 (1.0-3.7)	1.6 (0.8-2.8)
4	20 (11-30)	13 (6.7-19)	7.6 (3.9-12)	5.9 (3.0-9.1)	4.6 (2.3-7.1)	3.6 (1.8-5.5)	2.8 (1.4-4.3)
5	31 (20-38)	21 (13-26)	13 (7.8-16)	10 (6.1-13)	7.9 (4.7-10)	6.1 (3.7-7.9)	4.8 (2.8-6.2)
6	46	33	21	17	13	10	8.0

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.7	2.2	1.3	1.0	0.8	0.6	0.5
1	6.3 (4.8-8.9)	3.9 (2.9-5.5)	2.3 (1.7-3.2)	1.8 (1.3-2.5)	1.4 (1.0-1.9)	1.0 (0.8-1.5)	0.8 (0.6-1.1)
2	10 (6.6-16)	6.6 (4.1-10)	3.9 (2.5-6.4)	3.0 (1.9-4.9)	2.3 (1.5-3.8)	1.8 (1.1-3.0)	1.4 (0.9-2.3)
3	17 (9.8-26)	11 (6.2-18)	6.6 (3.7-11)	5.2 (2.9-8.5)	4.0 (2.2-6.6)	3.1 (1.7-5.2)	2.4 (1.3-4.0)
4	25 (17-36)	17 (11-25)	11 (6.5-16)	8.6 (5.0-13)	6.7 (3.9-10)	5.2 (3.0-7.8)	4.0 (2.3-6.0)
5	37 (27-43)	27 (19-32)	18 (12-22)	14 (9.7-17)	11 (7.5-14)	8.6 (5.8-11)	6.7 (4.5-8.4)
6	50	39	28	22	18	14	11

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	6.2	4.1	2.5	1.9	1.5	1.1	0.9
1	11 (8.0-13)	7.2 (5.5-8.5)	4.5 (3.5-5.3)	3.5 (2.7-4.1)	2.7 (2.1-3.2)	2.1 (1.6-2.4)	1.6 (1.2-1.9)
2	17 (12-24)	12 (8.2-17)	7.9 (5.3-11)	6.2 (4.1-8.5)	4.8 (3.1-6.6)	3.7 (2.4-5.1)	2.8 (1.9-3.9)
3	27 (18-37)	20 (14-28)	14 (9.1-20)	11 (7.1-16)	8.3 (5.5-12)	6.4 (4.2-9.5)	5.0 (3.3-7.3)
4	39 (28-50)	31 (23-42)	23 (16-31)	18 (13-25)	14 (9.9-20)	11 (7.6-16)	8.6 (5.9-13)
5	51 (45-60)	45 (39-53)	35 (30-43)	29 (24-35)	23 (19-29)	18 (15-23)	14 (12-18)
6	62	58	51	43	36	29	23

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

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	9.8	6.9	4.5	3.4	2.6	2.0	1.6
1	17 (12-28)	13 (8.9-21)	8.5 (6.1-15)	6.6 (4.7-11)	5.1 (3.6-8.9)	3.9 (2.7-6.9)	3.0 (2.1-5.3)
2	27 (17-42)	22 (13-34)	15 (9.0-25)	12 (7.0-20)	9.4 (5.4-15)	7.3 (4.1-12)	5.6 (3.2-9.4)
3	40 (24-57)	34 (20-49)	26 (15-39)	21 (12-32)	16 (9.2-26)	13 (7.1-20)	10 (5.4-16)
4	53 (36-66)	48 (31-61)	40 (25-54)	33 (20-47)	27 (15-39)	22 (12-32)	17 (9.3-26)
5	64 (50-72)	61 (45-70)	56 (38-65)	48 (32-58)	41 (25-50)	34 (20-43)	28 (16-36)
6	74	72	69	63	56	49	41

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	12	9.3	6.6	5.0	3.9	2.9	2.2
1	20 (14-33)	16 (11-27)	12 (8.5-21)	9.2 (6.5-16)	7.1 (5.0-13)	5.4 (3.8-9.8)	4.2 (2.9-7.6)
2	30 (20-47)	26 (17-41)	20 (13-32)	16 (9.7-26)	12 (7.5-21)	9.6 (5.7-16)	7.4 (4.4-13)
3	42 (28-57)	37 (24-52)	31 (18-45)	25 (14-38)	20 (11-31)	16 (8.7-25)	13 (6.7-20)
4	54 (37-66)	50 (33-62)	44 (28-57)	37 (22-50)	31 (17-42)	25 (14-35)	20 (11-29)
5	65 (50-72)	62 (46-70)	58 (41-67)	51 (34-60)	44 (27-53)	37 (22-45)	30 (17-38)
6	73	72	70	64	57	50	43

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	13	10	7.5	5.8	4.4	3.4	2.6
1	22 (15-35)	18 (12-29)	13 (9.5-23)	10 (7.3-18)	8.0 (5.6-14)	6.1 (4.2-11)	4.7 (3.2-8.5)
2	32 (22-49)	27 (18-43)	22 (14-35)	17 (11-29)	14 (8.3-23)	11 (6.3-18)	8.2 (4.8-14)
3	44 (29-59)	39 (25-54)	33 (20-48)	27 (16-41)	22 (12-34)	18 (9.6-27)	14 (7.4-22)
4	55 (39-67)	52 (35-64)	47 (30-59)	40 (24-52)	33 (19-44)	27 (15-37)	22 (11-31)
5	65 (52-71)	63 (48-71)	60 (43-68)	53 (36-62)	46 (29-55)	39 (24-48)	32 (19-40)
6	71	72	70	65	59	52	45

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	11	8.6	6.3	4.8	3.6	2.8	2.1
1	18 (13-31)	15 (10-25)	11 (7.9-20)	8.6 (6.0-15)	6.6 (4.6-12)	5.1 (3.5-9.2)	3.9 (2.6-7.1)
2	28 (19-44)	24 (15-38)	19 (12-31)	15 (9.0-25)	11 (6.9-20)	8.9 (5.2-15)	6.8 (4.0-12)
3	40 (26-55)	35 (22-49)	29 (17-43)	24 (13-36)	19 (10-29)	15 (8.0-23)	12 (6.1-18)
4	51 (35-63)	47 (30-59)	42 (25-54)	35 (20-47)	29 (16-39)	23 (12-32)	18 (9.5-26)
5	61 (48-67)	59 (43-67)	55 (38-64)	48 (31-57)	41 (25-50)	34 (20-43)	28 (16-36)
6	65	68	67	61	54	47	40