

**Sweden - The probabilities of a hip fracture in women**

The following tables give the 10-year probability (%) of a hip fracture according to the T-score for femoral neck BMD, 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.

Note that the BMI is set at 24 kg/m<sup>2</sup>.

**Age = 50 years**

Number of CRFs	BMD T-score (femoral neck)											
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0	
0	19	10	5.3	2.7	1.4	0.7	0.4	0.2	0.1	0.1	0.0	
1	29 (20-36)	16 (11-20)	8.5 (5.6-11)	4.4 (2.9-5.8)	2.3 (1.5-3.0)	1.2 (0.8-1.5)	0.6 (0.4-0.8)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.0 (0.0-0.1)	
2	42 (27-57)	24 (15-35)	13 (7.8-20)	7.0 (4.1-11)	3.6 (2.1-5.5)	1.9 (1.1-2.9)	1.0 (0.5-1.5)	0.5 (0.3-0.8)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	
3	57 (38-76)	35 (22-52)	20 (12-32)	11 (6.1-18)	5.7 (3.2-9.4)	3.0 (1.6-4.9)	1.5 (0.8-2.5)	0.8 (0.4-1.3)	0.4 (0.2-0.7)	0.2 (0.1-0.4)	0.1 (0.1-0.2)	
4	72 (56-88)	50 (35-68)	30 (19-44)	17 (10-26)	8.9 (5.5-14)	4.6 (2.8-7.4)	2.4 (1.4-3.8)	1.2 (0.8-2.0)	0.7 (0.4-1.1)	0.3 (0.2-0.6)	0.2 (0.1-0.3)	
5	86 (78-94)	65 (55-79)	42 (33-56)	25 (19-34)	14 (10-19)	7.2 (5.2-10)	3.7 (2.7-5.4)	1.9 (1.4-2.9)	1.0 (0.8-1.5)	0.5 (0.4-0.8)	0.3 (0.2-0.4)	
6	94	81	58	36	20	11	5.7	3.0	1.6	0.8	0.5	

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

**Age = 55 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	19	11	5.8	3.2	1.7	0.9	0.5	0.3	0.2	0.1	0.1
1	28 (20-34)	16 (11-20)	9.1 (6.1-11)	5.0 (3.3-6.2)	2.7 (1.8-3.3)	1.5 (1.0-1.8)	0.8 (0.5-1.0)	0.4 (0.3-0.5)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.1)
2	40 (27-54)	24 (15-34)	14 (8.6-20)	7.8 (4.7-11)	4.3 (2.5-6.2)	2.3 (1.4-3.4)	1.2 (0.7-1.8)	0.7 (0.4-1.0)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
3	55 (38-73)	35 (23-51)	21 (13-32)	12 (7.1-19)	6.6 (3.9-11)	3.6 (2.1-5.8)	2.0 (1.1-3.1)	1.1 (0.6-1.8)	0.6 (0.4-1.0)	0.3 (0.2-0.5)	0.2 (0.1-0.3)
4	70 (56-85)	49 (36-66)	31 (21-44)	18 (12-27)	10 (6.6-16)	5.6 (3.6-8.7)	3.0 (1.9-4.8)	1.7 (1.1-2.7)	0.9 (0.6-1.5)	0.5 (0.3-0.8)	0.3 (0.2-0.5)
5	84 (77-92)	64 (56-78)	43 (36-56)	26 (21-36)	15 (12-21)	8.5 (6.7-12)	4.6 (3.6-6.7)	2.6 (2.0-3.8)	1.5 (1.1-2.1)	0.8 (0.6-1.2)	0.5 (0.4-0.7)
6	93	79	58	38	22	13	7.0	4.0	2.2	1.2	0.7

**Age = 60 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	21	12	7.0	4.0	2.2	1.2	0.7	0.4	0.2	0.1	0.1
1	31 (22-35)	18 (13-22)	11 (7.4-13)	6.1 (4.2-7.3)	3.5 (2.3-4.1)	1.9 (1.3-2.3)	1.1 (0.7-1.3)	0.6 (0.4-0.8)	0.4 (0.3-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
2	43 (30-54)	27 (18-36)	16 (10-22)	9.4 (5.9-13)	5.4 (3.3-7.4)	3.0 (1.9-4.2)	1.7 (1.1-2.4)	1.0 (0.6-1.4)	0.6 (0.4-0.8)	0.3 (0.2-0.5)	0.2 (0.1-0.3)
3	57 (41-73)	38 (26-53)	24 (15-35)	14 (8.8-21)	8.2 (5.0-12)	4.6 (2.8-7.1)	2.6 (1.6-4.1)	1.5 (0.9-2.4)	0.9 (0.5-1.4)	0.5 (0.3-0.8)	0.3 (0.2-0.5)
4	71 (60-85)	52 (40-68)	34 (25-47)	21 (15-30)	12 (8.5-18)	7.0 (4.8-11)	4.0 (2.8-6.2)	2.4 (1.6-3.6)	1.4 (0.9-2.1)	0.8 (0.5-1.2)	0.5 (0.3-0.7)
5	84 (80-91)	66 (60-79)	47 (40-59)	30 (25-40)	18 (15-25)	11 (8.6-15)	6.1 (5.0-8.6)	3.6 (2.9-5.1)	2.1 (1.7-3.0)	1.2 (1.0-1.7)	0.7 (0.6-1.0)
6	92	80	61	42	26	15	9.1	5.4	3.1	1.8	1.1

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

**Age = 65 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	22	14	8.1	4.8	2.8	1.6	1.0	0.6	0.4	0.2	0.1
1	32 (23-37)	20 (14-24)	12 (8.5-15)	7.3 (5.0-8.7)	4.3 (2.9-5.1)	2.5 (1.7-3.0)	1.5 (1.0-1.8)	0.9 (0.6-1.1)	0.5 (0.4-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)
2	44 (31-54)	29 (20-37)	18 (12-23)	11 (7.1-14)	6.5 (4.2-8.6)	3.8 (2.4-5.1)	2.3 (1.5-3.1)	1.4 (0.9-1.9)	0.8 (0.5-1.1)	0.5 (0.3-0.7)	0.3 (0.2-0.4)
3	57 (43-71)	40 (28-53)	26 (18-36)	16 (11-23)	9.7 (6.3-14)	5.7 (3.7-8.4)	3.5 (2.2-5.1)	2.1 (1.3-3.1)	1.3 (0.8-1.9)	0.8 (0.5-1.1)	0.5 (0.3-0.7)
4	71 (61-83)	53 (43-67)	36 (28-49)	23 (17-33)	14 (10-21)	8.5 (6.1-13)	5.2 (3.7-7.7)	3.2 (2.2-4.7)	1.9 (1.3-2.9)	1.2 (0.8-1.7)	0.7 (0.5-1.0)
5	83 (78-90)	67 (61-78)	49 (42-61)	33 (27-43)	21 (17-28)	13 (10-17)	7.7 (6.3-11)	4.7 (3.8-6.6)	2.9 (2.3-4.0)	1.7 (1.4-2.5)	1.0 (0.8-1.5)
6	90	80	63	44	29	18	11	7.0	4.3	2.6	1.6

**Age = 70 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	27	18	11	6.8	4.2	2.6	1.6	1.0	0.6	0.4	0.3
1	41 (36-49)	28 (24-34)	18 (15-22)	11 (9.6-14)	7.0 (5.9-8.7)	4.3 (3.6-5.5)	2.7 (2.3-3.5)	1.7 (1.4-2.2)	1.1 (0.9-1.4)	0.7 (0.6-0.9)	0.4 (0.4-0.5)
2	57 (49-68)	41 (34-52)	28 (22-36)	18 (14-24)	11 (8.8-15)	7.2 (5.5-9.8)	4.6 (3.5-6.3)	2.9 (2.2-4.0)	1.8 (1.4-2.5)	1.1 (0.9-1.6)	0.7 (0.5-1.0)
3	73 (64-81)	58 (47-68)	42 (32-52)	28 (21-36)	18 (13-24)	12 (8.4-16)	7.6 (5.4-10)	4.8 (3.4-6.6)	3.1 (2.1-4.2)	1.9 (1.3-2.7)	1.2 (0.8-1.7)
4	85 (79-88)	74 (64-79)	58 (47-66)	42 (33-50)	29 (21-35)	19 (14-23)	12 (8.9-15)	7.9 (5.7-10)	5.1 (3.6-6.4)	3.2 (2.3-4.1)	2.0 (1.4-2.6)
5	90 (88-92)	85 (80-87)	74 (66-78)	58 (50-63)	42 (35-47)	29 (24-33)	20 (16-22)	13 (10-15)	8.3 (6.5-9.6)	5.3 (4.1-6.2)	3.4 (2.6-3.9)
6	92	90	85	74	59	43	30	20	13	8.7	5.5

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

**Age = 75 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	31	21	14	9.3	6.0	3.9	2.6	1.7	1.1	0.7	0.5
1	49 (41-76)	36 (29-63)	26 (20-48)	17 (13-34)	12 (8.4-23)	7.8 (5.6-16)	5.2 (3.7-11)	3.4 (2.4-7.3)	2.3 (1.6-4.8)	1.5 (1.1-3.2)	1.0 (0.7-2.1)
2	66 (52-86)	54 (38-78)	41 (27-66)	30 (18-51)	20 (12-37)	14 (7.8-27)	9.7 (5.2-19)	6.5 (3.5-13)	4.3 (2.3-8.6)	2.9 (1.5-5.7)	1.9 (1.0-3.8)
3	79 (66-90)	70 (51-86)	58 (37-77)	46 (26-65)	33 (17-52)	24 (12-39)	17 (7.8-28)	12 (5.2-20)	7.9 (3.5-14)	5.3 (2.3-9.3)	3.5 (1.5-6.2)
4	87 (78-92)	82 (66-89)	74 (52-84)	63 (38-77)	50 (27-65)	38 (19-52)	28 (13-39)	20 (8.5-29)	14 (5.7-20)	9.3 (3.8-14)	6.2 (2.5-9.3)
5	90 (85-92)	88 (79-91)	85 (68-89)	78 (55-83)	68 (41-75)	56 (30-63)	43 (21-50)	32 (15-38)	23 (10-27)	16 (6.7-19)	11 (4.5-13)
6	91	91	90	87	82	73	61	48	36	26	18

**Age = 80 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	31	23	16	11	7.4	5.2	3.6	2.5	1.7	1.2	0.8
1	47 (39-73)	37 (28-63)	27 (20-50)	20 (14-38)	14 (9.7-28)	9.9 (6.8-21)	7.0 (4.7-15)	4.9 (3.3-10)	3.4 (2.3-7.3)	2.4 (1.6-5.1)	1.6 (1.1-3.6)
2	63 (49-82)	52 (37-75)	42 (27-65)	32 (19-54)	24 (13-42)	17 (9.5-32)	13 (6.7-24)	9.0 (4.6-18)	6.3 (3.2-13)	4.4 (2.2-8.9)	3.1 (1.5-6.2)
3	75 (61-86)	67 (50-82)	57 (38-76)	47 (27-66)	37 (20-55)	28 (14-44)	21 (10-34)	15 (7.0-26)	11 (4.9-19)	7.8 (3.4-14)	5.5 (2.3-9.8)
4	83 (72-89)	78 (62-86)	71 (50-82)	62 (39-75)	52 (29-66)	42 (21-56)	33 (15-46)	25 (11-36)	18 (7.8-27)	13 (5.4-20)	9.5 (3.8-14)
5	87 (79-89)	85 (73-88)	81 (64-85)	75 (53-80)	67 (42-74)	58 (33-66)	48 (25-56)	38 (18-46)	29 (13-36)	22 (9.2-27)	16 (6.5-20)
6	88	88	87	84	79	73	64	54	43	33	25

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

**Age = 85 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	26	19	14	10	7.3	5.4	4.0	2.9	2.1	1.5	1.1
1	40 (32-65)	31 (24-55)	24 (18-45)	18 (13-35)	14 (9.5-28)	10 (7.1-21)	7.6 (5.2-16)	5.6 (3.8-12)	4.1 (2.8-8.9)	3.0 (2.0-6.5)	2.2 (1.5-4.8)
2	54 (41-75)	46 (32-68)	37 (24-59)	29 (18-49)	23 (13-40)	18 (9.9-32)	13 (7.3-25)	10 (5.4-19)	7.5 (3.9-15)	5.5 (2.9-11)	4.1 (2.1-8.1)
3	67 (52-81)	60 (42-76)	51 (33-70)	43 (25-61)	35 (19-52)	28 (15-43)	22 (11-35)	17 (8.0-27)	13 (5.9-21)	9.6 (4.3-16)	7.1 (3.2-12)
4	77 (63-84)	72 (54-81)	65 (44-77)	57 (35-70)	49 (27-62)	41 (21-54)	34 (16-46)	27 (12-37)	21 (9.1-30)	16 (6.7-23)	12 (4.9-18)
5	82 (72-86)	80 (65-84)	76 (57-81)	70 (47-76)	63 (39-70)	56 (31-63)	48 (25-55)	40 (19-47)	32 (15-38)	25 (11-31)	19 (8.2-24)
6	85	84	83	80	75	70	63	55	46	38	30

**Age = 90 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	15	12	8.9	6.7	5.2	4.0	3.1	2.4	1.8	1.4	1.1
1	26 (20-48)	20 (15-39)	16 (11-32)	12 (8.7-25)	9.7 (6.8-20)	7.6 (5.3-16)	5.9 (4.1-13)	4.6 (3.1-10)	3.6 (2.4-7.7)	2.7 (1.8-6.0)	2.1 (1.4-4.6)
2	39 (26-60)	32 (21-52)	26 (16-44)	21 (12-37)	17 (9.5-30)	13 (7.4-25)	11 (5.7-20)	8.3 (4.4-16)	6.4 (3.4-13)	5.0 (2.6-9.8)	3.9 (2.0-7.7)
3	52 (35-69)	45 (28-63)	38 (22-56)	32 (17-48)	26 (14-41)	22 (11-34)	17 (8.5-28)	14 (6.7-23)	11 (5.1-18)	8.7 (4.0-15)	6.8 (3.0-11)
4	65 (46-76)	59 (38-71)	52 (31-65)	45 (25-58)	39 (20-51)	33 (16-44)	27 (13-37)	22 (9.9-31)	18 (7.8-25)	14 (6.0-21)	11 (4.7-17)
5	74 (57-79)	70 (49-76)	65 (42-71)	59 (35-65)	53 (29-60)	46 (24-53)	40 (19-46)	33 (15-40)	28 (12-33)	23 (9.7-27)	18 (7.6-22)
6	79	78	75	71	66	60	54	47	40	34	28