

**Netherlands - 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 Netherlands. 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	0.5	0.3	0.2	0.1	0.1	0.1	0.1
1	1.1 (0.7-2.1)	0.6 (0.4-1.1)	0.3 (0.2-0.6)	0.2 (0.2-0.5)	0.2 (0.1-0.4)	0.1 (0.1-0.3)	0.1 (0.1-0.2)
2	2.1 (1.1-4.5)	1.1 (0.6-2.5)	0.6 (0.3-1.3)	0.5 (0.2-1.0)	0.4 (0.2-0.8)	0.3 (0.1-0.6)	0.2 (0.1-0.5)
3	4.0 (1.6-7.8)	2.2 (0.9-4.3)	1.2 (0.5-2.3)	0.9 (0.4-1.8)	0.7 (0.3-1.4)	0.6 (0.2-1.1)	0.4 (0.2-0.9)
4	7.3 (2.8-12)	4.0 (1.5-6.5)	2.2 (0.8-3.5)	1.7 (0.6-2.8)	1.3 (0.5-2.2)	1.0 (0.4-1.7)	0.8 (0.3-1.3)
5	13 (6.0-17)	7.2 (3.3-9.6)	3.9 (1.8-5.3)	3.1 (1.4-4.1)	2.4 (1.1-3.2)	1.8 (0.8-2.5)	1.4 (0.7-2.0)
6	22	12	6.9	5.4	4.2	3.3	2.6

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

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.0	0.5	0.3	0.2	0.2	0.1	0.1
1	1.9 (1.3-3.3)	1.0 (0.7-1.8)	0.6 (0.4-1.0)	0.4 (0.3-0.8)	0.3 (0.2-0.6)	0.3 (0.2-0.5)	0.2 (0.1-0.4)
2	3.5 (1.9-6.9)	1.9 (1.0-3.8)	1.0 (0.6-2.1)	0.8 (0.4-1.6)	0.6 (0.3-1.3)	0.5 (0.3-1.0)	0.4 (0.2-0.8)
3	6.4 (2.9-12)	3.5 (1.6-6.7)	1.9 (0.9-3.6)	1.5 (0.7-2.8)	1.2 (0.5-2.2)	0.9 (0.4-1.7)	0.7 (0.3-1.3)
4	11 (5.1-18)	6.3 (2.8-10)	3.5 (1.5-5.5)	2.7 (1.2-4.3)	2.1 (0.9-3.4)	1.6 (0.7-2.6)	1.3 (0.6-2.0)
5	19 (11-25)	11 (5.9-15)	6.2 (3.2-8.2)	4.8 (2.5-6.4)	3.8 (2.0-5.0)	2.9 (1.5-3.9)	2.3 (1.2-3.0)
6	31	19	11	8.3	6.5	5.1	4.0

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.8	1.0	0.5	0.4	0.3	0.3	0.2
1	3.4 (2.4-5.2)	1.8 (1.3-2.9)	1.0 (0.7-1.6)	0.8 (0.6-1.2)	0.6 (0.4-1.0)	0.5 (0.3-0.7)	0.4 (0.3-0.6)
2	6.0 (3.5-11)	3.3 (2.0-6.0)	1.8 (1.1-3.3)	1.4 (0.8-2.6)	1.1 (0.6-2.0)	0.9 (0.5-1.6)	0.7 (0.4-1.2)
3	10 (5.4-18)	5.9 (3.0-10)	3.3 (1.6-5.8)	2.6 (1.3-4.6)	2.0 (1.0-3.6)	1.5 (0.8-2.8)	1.2 (0.6-2.2)
4	18 (9.3-26)	10 (5.2-16)	5.7 (2.9-8.8)	4.5 (2.2-6.9)	3.5 (1.7-5.4)	2.7 (1.3-4.2)	2.1 (1.0-3.3)
5	29 (18-36)	17 (11-22)	9.9 (6.0-13)	7.7 (4.7-10)	6.1 (3.7-7.9)	4.7 (2.8-6.2)	3.7 (2.2-4.8)
6	44	28	17	13	10	8.1	6.3

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.3	1.8	1.0	0.8	0.6	0.5	0.4
1	5.7 (4.3-7.9)	3.2 (2.4-4.5)	1.8 (1.3-2.5)	1.4 (1.0-1.9)	1.1 (0.8-1.5)	0.8 (0.6-1.2)	0.6 (0.5-0.9)
2	9.8 (6.2-16)	5.6 (3.5-9.2)	3.1 (2.0-5.2)	2.4 (1.5-4.0)	1.9 (1.2-3.1)	1.5 (0.9-2.4)	1.1 (0.7-1.9)
3	16 (9.3-26)	9.5 (5.3-16)	5.4 (3.0-9.0)	4.2 (2.3-7.0)	3.3 (1.8-5.5)	2.5 (1.4-4.3)	2.0 (1.1-3.3)
4	26 (16-36)	16 (9.2-23)	9.1 (5.2-13)	7.2 (4.1-11)	5.6 (3.2-8.3)	4.4 (2.5-6.5)	3.4 (1.9-5.0)
5	39 (29-47)	25 (18-31)	15 (11-19)	12 (8.3-15)	9.4 (6.5-12)	7.4 (5.1-9.4)	5.7 (4.0-7.4)
6	56	39	24	19	15	12	9.6

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	5.7	3.3	1.9	1.4	1.1	0.9	0.7
1	10 (8.1-12)	6.0 (4.8-7.0)	3.4 (2.7-3.9)	2.7 (2.1-3.1)	2.1 (1.6-2.4)	1.6 (1.3-1.9)	1.2 (1.0-1.4)
2	18 (12-23)	11 (7.2-14)	6.2 (4.1-8.2)	4.8 (3.2-6.4)	3.8 (2.5-5.0)	2.9 (1.9-3.9)	2.3 (1.5-3.0)
3	29 (20-40)	19 (12-27)	11 (7.2-16)	8.7 (5.6-13)	6.8 (4.4-10)	5.3 (3.4-7.9)	4.1 (2.6-6.2)
4	45 (35-58)	31 (23-42)	19 (14-27)	15 (11-22)	12 (8.8-17)	9.4 (6.9-14)	7.4 (5.3-11)
5	62 (57-70)	47 (42-55)	32 (28-38)	26 (22-31)	21 (18-25)	16 (14-20)	13 (11-16)
6	77	66	49	41	34	27	22

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

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	9.5	5.8	3.4	2.6	2.0	1.6	1.2
1	17 (13-29)	11 (8.1-19)	6.7 (4.9-11)	5.2 (3.8-8.9)	4.1 (2.9-7.0)	3.1 (2.3-5.4)	2.4 (1.8-4.2)
2	30 (19-45)	20 (12-33)	13 (7.4-22)	9.9 (5.7-17)	7.8 (4.4-13)	6.0 (3.4-11)	4.7 (2.7-8.2)
3	45 (30-62)	34 (20-50)	23 (13-35)	18 (9.9-29)	14 (7.7-23)	11 (6.0-18)	8.8 (4.7-14)
4	62 (44-75)	51 (33-67)	37 (22-52)	31 (17-44)	25 (14-36)	20 (11-30)	16 (8.3-24)
5	75 (61-82)	68 (51-77)	56 (37-66)	48 (31-57)	40 (25-49)	33 (20-41)	27 (16-34)
6	83	81	75	67	59	51	43

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	13	8.9	5.6	4.3	3.3	2.6	2.0
1	23 (17-37)	16 (12-27)	10 (7.7-18)	8.1 (6.0-14)	6.3 (4.6-11)	4.9 (3.6-8.7)	3.8 (2.7-6.7)
2	35 (24-52)	27 (17-42)	18 (11-31)	15 (9.0-25)	11 (6.9-20)	9.0 (5.4-16)	7.0 (4.1-12)
3	49 (33-64)	41 (25-57)	30 (17-46)	25 (14-39)	20 (11-32)	16 (8.2-26)	12 (6.4-20)
4	62 (45-73)	56 (38-69)	46 (28-60)	38 (22-52)	32 (18-44)	26 (14-36)	21 (11-29)
5	73 (59-79)	69 (53-77)	62 (44-71)	55 (36-64)	47 (29-56)	39 (24-48)	33 (19-40)
6	80	79	76	70	63	55	47

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	15	11	7.0	5.4	4.2	3.2	2.5
1	24 (18-39)	18 (13-31)	13 (9.3-22)	10 (7.2-17)	7.7 (5.5-14)	6.0 (4.3-11)	4.6 (3.2-8.3)
2	36 (25-54)	29 (19-45)	22 (14-35)	17 (11-28)	14 (8.3-23)	11 (6.4-18)	8.3 (4.9-14)
3	49 (34-64)	43 (28-58)	34 (20-50)	28 (16-43)	23 (13-35)	18 (9.7-29)	14 (7.5-23)
4	62 (45-73)	57 (39-69)	49 (32-63)	42 (26-55)	35 (20-47)	29 (16-39)	23 (12-32)
5	72 (59-78)	69 (53-76)	64 (46-72)	57 (39-66)	49 (32-59)	42 (26-51)	35 (20-43)
6	78	78	76	70	64	57	49

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	12	9.2	6.6	5.1	3.9	2.9	2.2
1	20 (14-33)	16 (11-27)	12 (8.4-21)	9.2 (6.4-16)	7.1 (4.9-13)	5.4 (3.7-9.8)	4.1 (2.8-7.5)
2	31 (21-47)	25 (16-40)	20 (12-32)	16 (9.6-26)	12 (7.4-21)	9.5 (5.6-16)	7.3 (4.3-13)
3	43 (29-58)	37 (24-52)	31 (18-45)	25 (14-38)	20 (11-31)	16 (8.6-25)	12 (6.6-20)
4	55 (38-67)	50 (33-62)	44 (27-57)	37 (22-49)	31 (17-42)	25 (13-35)	20 (10-28)
5	65 (52-72)	63 (47-71)	58 (41-67)	51 (34-60)	44 (27-53)	37 (22-45)	30 (17-38)
6	72	72	70	64	57	50	43