

**The US (Hispanic) - 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 the US (Hispanic). 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	6.0	3.1	1.6	0.8	0.4	0.2	0.1	0.1	0.0	0.0	0.0	
1	9.5 (6.3-12)	5.0 (3.3-6.5)	2.6 (1.7-3.4)	1.3 (0.9-1.7)	0.7 (0.4-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	
2	15 (8.8-22)	7.9 (4.6-12)	4.1 (2.4-6.2)	2.1 (1.2-3.2)	1.1 (0.6-1.7)	0.6 (0.3-0.8)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)	
3	23 (13-35)	12 (6.9-20)	6.5 (3.6-11)	3.3 (1.8-5.5)	1.7 (0.9-2.9)	0.9 (0.5-1.5)	0.4 (0.2-0.8)	0.2 (0.1-0.4)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.1)	
4	33 (22-48)	19 (12-28)	10 (6.2-16)	5.2 (3.2-8.3)	2.7 (1.6-4.3)	1.4 (0.8-2.2)	0.7 (0.4-1.1)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	
5	46 (37-60)	27 (21-38)	15 (11-22)	8.1 (5.9-12)	4.2 (3.1-6.1)	2.2 (1.6-3.2)	1.1 (0.8-1.6)	0.6 (0.4-0.8)	0.3 (0.2-0.5)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	
6	62	39	23	12	6.4	3.3	1.7	0.9	0.5	0.3	0.1	

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

**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	6.3	3.4	1.8	1.0	0.5	0.3	0.2	0.1	0.1	0.0	0.0
1	9.8 (6.6-12)	5.4 (3.6-6.6)	2.9 (1.9-3.6)	1.6 (1.0-1.9)	0.8 (0.6-1.1)	0.5 (0.3-0.6)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)
2	15 (9.2-21)	8.4 (5.1-12)	4.6 (2.7-6.7)	2.5 (1.5-3.6)	1.3 (0.8-2.0)	0.7 (0.4-1.1)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.1)
3	22 (14-34)	13 (7.6-20)	7.1 (4.2-11)	3.9 (2.3-6.2)	2.1 (1.2-3.4)	1.1 (0.7-1.8)	0.6 (0.4-1.0)	0.3 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
4	32 (23-46)	19 (13-29)	11 (7.1-17)	6.0 (3.9-9.3)	3.3 (2.1-5.1)	1.8 (1.1-2.8)	0.9 (0.6-1.5)	0.5 (0.3-0.8)	0.3 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.1)
5	45 (38-59)	28 (23-38)	16 (13-23)	9.1 (7.1-13)	5.0 (3.9-7.2)	2.7 (2.1-3.9)	1.5 (1.1-2.1)	0.8 (0.6-1.2)	0.5 (0.4-0.7)	0.2 (0.2-0.4)	0.1 (0.1-0.2)
6	60	40	24	14	7.5	4.1	2.2	1.2	0.7	0.4	0.2

**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	6.9	3.9	2.2	1.2	0.7	0.4	0.2	0.1	0.1	0.0	0.0
1	11 (7.3-13)	6.1 (4.1-7.2)	3.4 (2.3-4.1)	1.9 (1.3-2.3)	1.1 (0.7-1.3)	0.6 (0.4-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)	0.0 (0.0-0.0)
2	16 (10-22)	9.3 (5.8-13)	5.3 (3.3-7.3)	3.0 (1.8-4.1)	1.7 (1.0-2.3)	0.9 (0.6-1.3)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)
3	23 (15-34)	14 (8.7-21)	8.0 (5.0-12)	4.6 (2.8-7.0)	2.6 (1.6-4.0)	1.4 (0.9-2.2)	0.8 (0.5-1.3)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
4	33 (25-47)	20 (15-30)	12 (8.4-18)	6.9 (4.8-10)	3.9 (2.7-6.0)	2.2 (1.5-3.4)	1.3 (0.9-1.9)	0.7 (0.5-1.1)	0.4 (0.3-0.6)	0.2 (0.2-0.4)	0.1 (0.1-0.2)
5	46 (40-58)	29 (25-39)	18 (15-24)	10 (8.5-15)	5.9 (4.8-8.4)	3.3 (2.7-4.8)	1.9 (1.5-2.7)	1.1 (0.9-1.6)	0.6 (0.5-0.9)	0.4 (0.3-0.5)	0.2 (0.2-0.3)
6	60	41	26	15	8.8	5.0	2.9	1.7	1.0	0.6	0.3

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

**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	7.8	4.6	2.7	1.6	0.9	0.5	0.3	0.2	0.1	0.1	0.0
1	12 (8.2-14)	7.0 (4.8-8.4)	4.1 (2.8-4.9)	2.4 (1.6-2.9)	1.4 (1.0-1.7)	0.8 (0.6-1.0)	0.5 (0.3-0.6)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)
2	17 (11-22)	10 (6.8-14)	6.2 (4.0-8.2)	3.7 (2.3-4.9)	2.1 (1.4-2.9)	1.2 (0.8-1.7)	0.7 (0.5-1.0)	0.4 (0.3-0.6)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
3	25 (17-34)	15 (10-22)	9.3 (6.0-13)	5.5 (3.5-8.0)	3.2 (2.1-4.7)	1.9 (1.2-2.8)	1.1 (0.7-1.7)	0.7 (0.4-1.0)	0.4 (0.3-0.6)	0.2 (0.2-0.4)	0.1 (0.1-0.2)
4	35 (27-47)	22 (17-31)	14 (9.9-20)	8.2 (5.9-12)	4.8 (3.4-7.1)	2.8 (2.0-4.2)	1.7 (1.2-2.5)	1.0 (0.7-1.5)	0.6 (0.4-0.9)	0.4 (0.3-0.6)	0.2 (0.2-0.3)
5	47 (41-59)	31 (26-41)	20 (16-27)	12 (9.8-17)	7.2 (5.8-10)	4.2 (3.4-5.9)	2.6 (2.1-3.6)	1.5 (1.2-2.2)	0.9 (0.8-1.3)	0.6 (0.5-0.8)	0.3 (0.3-0.5)
6	60	43	28	17	10	6.2	3.8	2.3	1.4	0.8	0.5

**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	9.4	5.8	3.6	2.2	1.3	0.8	0.5	0.3	0.2	0.1	0.1
1	15 (13-19)	9.6 (8.2-12)	5.9 (5.0-7.5)	3.6 (3.1-4.6)	2.2 (1.9-2.8)	1.4 (1.1-1.7)	0.9 (0.7-1.1)	0.5 (0.5-0.7)	0.3 (0.3-0.4)	0.2 (0.2-0.3)	0.1 (0.1-0.2)
2	24 (19-32)	16 (12-21)	9.8 (7.6-13)	6.0 (4.6-8.2)	3.7 (2.8-5.1)	2.3 (1.7-3.1)	1.4 (1.1-2.0)	0.9 (0.7-1.2)	0.6 (0.4-0.8)	0.4 (0.3-0.5)	0.2 (0.2-0.3)
3	37 (28-46)	25 (18-32)	16 (11-21)	9.9 (7.1-13)	6.1 (4.3-8.3)	3.8 (2.7-5.2)	2.4 (1.7-3.3)	1.5 (1.1-2.1)	1.0 (0.7-1.3)	0.6 (0.4-0.8)	0.4 (0.3-0.5)
4	52 (42-60)	37 (28-44)	25 (18-30)	16 (12-20)	10 (7.2-13)	6.3 (4.5-7.9)	4.0 (2.8-5.1)	2.5 (1.8-3.2)	1.6 (1.1-2.0)	1.0 (0.7-1.3)	0.6 (0.4-0.8)
5	68 (60-73)	52 (44-57)	37 (30-42)	25 (20-28)	16 (13-18)	10 (8.0-12)	6.6 (5.1-7.6)	4.2 (3.3-4.9)	2.6 (2.1-3.1)	1.7 (1.3-2.0)	1.0 (0.8-1.2)
6	81	69	53	37	25	16	11	6.8	4.4	2.8	1.7

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

**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	12	7.6	4.9	3.1	2.0	1.3	0.8	0.6	0.4	0.2	0.2
1	21 (16-41)	14 (11-29)	9.5 (6.8-19)	6.1 (4.4-13)	3.9 (2.8-8.3)	2.6 (1.8-5.5)	1.7 (1.2-3.6)	1.1 (0.8-2.4)	0.7 (0.5-1.6)	0.5 (0.3-1.0)	0.3 (0.2-0.7)
2	35 (22-59)	25 (15-45)	17 (9.6-32)	11 (6.2-22)	7.4 (3.9-14)	4.9 (2.6-9.7)	3.3 (1.7-6.5)	2.1 (1.1-4.3)	1.4 (0.7-2.9)	0.9 (0.5-1.9)	0.6 (0.3-1.2)
3	52 (32-72)	40 (22-59)	29 (14-45)	20 (9.3-32)	13 (6.0-22)	8.9 (3.9-15)	5.9 (2.6-10)	4.0 (1.7-7.0)	2.6 (1.1-4.7)	1.7 (0.7-3.1)	1.1 (0.5-2.1)
4	69 (45-80)	57 (32-71)	44 (22-58)	32 (15-44)	22 (9.7-32)	15 (6.5-22)	10 (4.3-15)	7.0 (2.8-11)	4.7 (1.9-7.1)	3.1 (1.2-4.7)	2.1 (0.8-3.1)
5	81 (62-86)	73 (48-79)	61 (35-69)	48 (25-55)	35 (16-41)	25 (11-30)	18 (7.6-21)	12 (5.0-15)	8.2 (3.4-9.9)	5.4 (2.2-6.7)	3.6 (1.5-4.4)
6	88	85	77	66	52	39	29	20	14	9.3	6.2

**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	13	9.1	6.1	4.1	2.8	1.9	1.3	0.9	0.6	0.4	0.3
1	24 (17-45)	17 (12-33)	12 (8.0-24)	7.9 (5.3-17)	5.4 (3.6-11)	3.8 (2.5-8.0)	2.6 (1.7-5.6)	1.8 (1.2-3.9)	1.2 (0.8-2.7)	0.8 (0.6-1.8)	0.6 (0.4-1.3)
2	38 (23-62)	28 (16-49)	20 (11-37)	14 (7.5-27)	9.9 (5.1-19)	7.0 (3.5-14)	4.9 (2.4-9.8)	3.4 (1.7-6.9)	2.3 (1.2-4.8)	1.6 (0.8-3.3)	1.1 (0.5-2.3)
3	54 (33-73)	43 (24-62)	32 (16-50)	24 (11-39)	17 (7.7-29)	12 (5.3-21)	8.6 (3.7-15)	6.1 (2.6-11)	4.2 (1.8-7.7)	2.9 (1.2-5.4)	2.0 (0.8-3.7)
4	69 (46-80)	59 (35-73)	48 (25-63)	37 (17-51)	27 (12-39)	20 (8.6-30)	15 (6.0-22)	10 (4.2-16)	7.4 (2.9-11)	5.1 (2.0-8.0)	3.6 (1.4-5.6)
5	80 (61-84)	73 (49-79)	64 (38-72)	53 (28-61)	42 (20-50)	32 (15-39)	24 (10-30)	17 (7.3-22)	12 (5.1-16)	8.8 (3.5-11)	6.1 (2.5-7.9)
6	86	83	78	69	58	47	37	28	20	14	10

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

**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	12	8.6	6.0	4.2	3.1	2.2	1.6	1.2	0.8	0.6	0.4
1	22 (16-41)	16 (11-32)	11 (7.9-23)	8.2 (5.5-17)	6.0 (4.0-13)	4.4 (2.9-9.3)	3.2 (2.1-6.8)	2.3 (1.5-5.0)	1.7 (1.1-3.6)	1.2 (0.8-2.6)	0.9 (0.6-1.9)
2	35 (21-57)	27 (15-47)	20 (11-36)	15 (7.8-28)	11 (5.6-21)	8.0 (4.1-16)	5.9 (3.0-12)	4.3 (2.2-8.6)	3.1 (1.6-6.3)	2.3 (1.1-4.6)	1.6 (0.8-3.3)
3	50 (30-69)	40 (22-60)	32 (16-49)	24 (12-39)	18 (8.5-30)	14 (6.2-23)	10 (4.5-18)	7.6 (3.3-13)	5.6 (2.4-9.9)	4.1 (1.7-7.3)	3.0 (1.2-5.4)
4	65 (42-77)	56 (32-70)	46 (24-61)	37 (18-51)	29 (13-41)	23 (9.8-33)	17 (7.2-26)	13 (5.3-20)	9.6 (3.8-15)	7.1 (2.8-11)	5.2 (2.0-8.0)
5	77 (57-82)	71 (46-77)	62 (37-70)	53 (28-61)	44 (21-52)	35 (16-42)	27 (12-34)	21 (9.0-26)	16 (6.6-20)	12 (4.9-15)	8.8 (3.5-11)
6	85	81	76	68	60	51	41	33	25	19	14

**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	8.6	6.4	4.7	3.5	2.7	2.1	1.6	1.2	0.9	0.7	0.5
1	16 (11-32)	12 (8.3-25)	9.0 (6.2-19)	6.8 (4.6-14)	5.2 (3.5-11)	4.0 (2.7-8.6)	3.1 (2.1-6.7)	2.4 (1.6-5.1)	1.8 (1.2-3.9)	1.4 (0.9-3.0)	1.0 (0.7-2.3)
2	26 (15-45)	20 (12-37)	16 (8.6-29)	12 (6.5-23)	9.5 (5.0-18)	7.3 (3.8-14)	5.7 (2.9-11)	4.4 (2.2-8.7)	3.3 (1.7-6.7)	2.6 (1.3-5.2)	1.9 (1.0-4.0)
3	39 (22-58)	32 (17-49)	26 (13-40)	20 (9.7-32)	16 (7.5-26)	13 (5.8-21)	9.9 (4.4-17)	7.7 (3.4-13)	5.9 (2.6-10)	4.6 (2.0-8.0)	3.5 (1.5-6.2)
4	54 (32-67)	46 (25-60)	38 (19-51)	31 (15-43)	26 (12-36)	21 (9.0-30)	16 (6.9-24)	13 (5.3-19)	10 (4.1-15)	7.9 (3.1-12)	6.1 (2.4-9.3)
5	68 (44-74)	61 (36-68)	53 (29-61)	46 (23-53)	39 (18-46)	32 (15-39)	26 (11-32)	21 (8.9-26)	17 (6.9-21)	13 (5.3-16)	10 (4.1-13)
6	79	74	68	61	54	46	39	32	26	21	17