The US (Hispanic) - The probabilities of a hip fracture in men

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/m².

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	8.3	4.4	2.4	1.2	0.7	0.3	0.2	0.1	0.1	0.0	0.0
1	13 (8.7-17)	7.1 (4.7-9.3)	3.8 (2.5-5.0)	2.0 (1.3-2.6)	1.0 (0.7-1.4)	0.5 (0.4-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)
2	20 (12-29)	11 (6.6-16)	6.0 (3.5-9.0)	3.2 (1.8-4.8)	1.7 (1.0-2.5)	0.9 (0.5-1.3)	0.5 (0.3-0.7)	0.2 (0.1-0.4)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.1)
3	29 (18-43)	17 (9.9-26)	9.2 (5.3-15)	5.0 (2.8-8.0)	2.6 (1.5-4.3)	1.4 (0.8-2.3)	0.7 (0.4-1.2)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
4	41 (28-57)	25 (16-37)	14 (8.9-22)	7.7 (4.7-12)	4.1 (2.5-6.5)	2.2 (1.3-3.5)	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)
5	56 (45-69)	36 (28-47)	21 (16-29)	12 (8.6-17)	6.3 (4.6-9.1)	3.4 (2.4-4.9)	1.8 (1.3-2.6)	0.9 (0.7-1.4)	0.5 (0.4-0.7)	0.3 (0.2-0.4)	0.1 (0.1-0.2)
6	70	49	30	17	9.5	5.1	2.7	1.4	0.8	0.4	0.2

Ten year probability of hip fractures (%) according to BMD, the number of clinical risk factors (CRF) and age in men 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	8.7	4.8	2.7	1.5	0.8	0.4	0.2	0.1	0.1	0.0	0.0
1	13 (9.1-16)	7.5 (5.1-9.3)	4.2 (2.8-5.2)	2.3 (1.5-2.8)	1.2 (0.8-1.6)	0.7 (0.5-0.9)	0.4 (0.3-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.1)	0.1 (0.0-0.1)	0.0 (0.0-0.0)
2	20 (13-28)	11 (7.1-16)	6.4 (3.9-9.3)	3.6 (2.2-5.2)	2.0 (1.2-2.8)	1.1 (0.6-1.6)	0.6 (0.4-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
3	29 (19-41)	17 (11-26)	9.8 (6.0-15)	5.5 (3.3-8.5)	3.0 (1.8-4.7)	1.7 (1.0-2.6)	0.9 (0.5-1.4)	0.5 (0.3-0.8)	0.3 (0.2-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.1)
4	40 (29-54)	25 (17-36)	15 (9.8-22)	8.4 (5.5-13)	4.7 (3.0-7.1)	2.6 (1.7-4.0)	1.4 (0.9-2.2)	0.8 (0.5-1.2)	0.4 (0.3-0.7)	0.2 (0.2-0.4)	0.1 (0.1-0.2)
5	53 (45-66)	35 (29-46)	21 (17-29)	12 (9.8-17)	7.0 (5.5-10)	3.9 (3.0-5.6)	2.1 (1.7-3.1)	1.2 (0.9-1.7)	0.7 (0.5-1.0)	0.4 (0.3-0.5)	0.2 (0.2-0.3)
6	67	48	31	18	10	5.9	3.2	1.8	1.0	0.6	0.3

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	8.3	4.9	2.9	1.7	1.0	0.6	0.3	0.2	0.1	0.1	0.0
1	12 (8.7-15)	7.4 (5.1-8.7)	4.4 (3.0-5.1)	2.6 (1.7-3.0)	1.5 (1.0-1.7)	0.9 (0.6-1.0)	0.5 (0.3-0.6)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)
2	18 (12-24)	11 (7.2-15)	6.6 (4.2-9.1)	3.9 (2.5-5.4)	2.3 (1.4-3.1)	1.3 (0.8-1.8)	0.8 (0.5-1.1)	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	26 (18-36)	16 (11-23)	9.9 (6.4-14)	5.9 (3.8-8.6)	3.5 (2.2-5.1)	2.0 (1.3-3.0)	1.2 (0.7-1.8)	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	36 (27-48)	23 (17-33)	15 (10-21)	8.8 (6.2-13)	5.2 (3.6-7.7)	3.1 (2.1-4.6)	1.8 (1.2-2.7)	1.0 (0.7-1.6)	0.6 (0.4-0.9)	0.4 (0.3-0.6)	0.2 (0.2-0.3)
5	48 (42-59)	33 (28-42)	21 (18-28)	13 (11-18)	7.7 (6.4-11)	4.6 (3.8-6.4)	2.7 (2.2-3.8)	1.6 (1.3-2.2)	0.9 (0.8-1.3)	0.6 (0.5-0.8)	0.3 (0.3-0.5)
6	60	44	29	18	11	6.7	4.0	2.3	1.4	0.8	0.5

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Ten year probability of hip fractures (%) according to BMD, the number of clinical risk factors (CRF) and age in men 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	8.1	5.0	3.1	1.9	1.2	0.7	0.5	0.3	0.2	0.1	0.1
1	12 (8.5-14)	7.5 (5.3-8.7)	4.7 (3.3-5.5)	2.9 (2.0-3.4)	1.8 (1.3-2.1)	1.1 (0.8-1.3)	0.7 (0.5-0.8)	0.4 (0.3-0.5)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
2	17 (12-22)	11 (7.4-14)	6.9 (4.6-9.0)	4.3 (2.9-5.6)	2.7 (1.8-3.5)	1.7 (1.1-2.2)	1.0 (0.7-1.3)	0.6 (0.4-0.8)	0.4 (0.3-0.5)	0.3 (0.2-0.3)	0.2 (0.1-0.2)
3	24 (17-31)	16 (11-21)	10 (7.0-14)	6.4 (4.4-8.8)	4.0 (2.7-5.6)	2.5 (1.7-3.5)	1.5 (1.0-2.2)	1.0 (0.6-1.4)	0.6 (0.4-0.9)	0.4 (0.3-0.6)	0.2 (0.2-0.4)
4	33 (26-42)	22 (17-30)	14 (11-20)	9.3 (7.0-13)	5.9 (4.4-8.3)	3.7 (2.7-5.2)	2.3 (1.7-3.3)	1.4 (1.0-2.1)	0.9 (0.7-1.3)	0.6 (0.4-0.8)	0.4 (0.3-0.5)
5	43 (39-52)	30 (27-39)	20 (18-27)	13 (11-18)	8.5 (7.2-12)	5.3 (4.5-7.4)	3.3 (2.8-4.6)	2.1 (1.7-2.9)	1.3 (1.1-1.9)	0.9 (0.7-1.2)	0.5 (0.5-0.8)
6	54	40	28	19	12	7.7	4.8	3.1	2.0	1.3	0.8

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	8.3	5.5	3.7	2.4	1.6	1.0	0.7	0.4	0.3	0.2	0.1
1	13 (12-17)	8.9 (7.8-11)	5.9 (5.1-7.6)	3.9 (3.4-5.1)	2.6 (2.2-3.3)	1.7 (1.4-2.2)	1.1 (0.9-1.4)	0.7 (0.6-0.9)	0.5 (0.4-0.6)	0.3 (0.3-0.4)	0.2 (0.2-0.3)
2	20 (17-26)	14 (12-18)	9.5 (7.7-13)	6.4 (5.1-8.5)	4.2 (3.4-5.7)	2.8 (2.2-3.7)	1.8 (1.4-2.5)	1.2 (1.0-1.6)	0.8 (0.6-1.1)	0.5 (0.4-0.8)	0.4 (0.3-0.5)
3	30 (25-36)	22 (17-27)	15 (12-19)	10 (7.8-13)	6.8 (5.2-8.6)	4.5 (3.4-5.7)	3.0 (2.2-3.8)	2.0 (1.5-2.5)	1.3 (1.0-1.7)	0.9 (0.7-1.2)	0.6 (0.5-0.8)
4	42 (34-48)	32 (25-37)	23 (17-27)	16 (12-19)	11 (8.0-13)	7.2 (5.3-8.6)	4.8 (3.5-5.8)	3.2 (2.3-3.9)	2.2 (1.6-2.7)	1.5 (1.1-1.8)	1.0 (0.7-1.2)
5	55 (47-58)	44 (36-47)	33 (26-36)	24 (19-26)	17 (13-19)	11 (8.7-13)	7.6 (5.8-8.6)	5.2 (4.0-5.9)	3.5 (2.7-4.0)	2.4 (1.8-2.8)	1.6 (1.2-1.9)
6	66	56	45	34	25	17	12	8.2	5.7	3.9	2.6

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Ten year probability of hip fractures (%) according to BMD, the number of clinical risk factors (CRF) and age in men 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	9.1	6.4	4.5	3.1	2.2	1.5	1.0	0.7	0.5	0.4	0.3
1	16 (13-32)	12 (9.0-24)	8.5 (6.3-18)	6.0 (4.4-13)	4.2 (3.1-9.0)	2.9 (2.1-6.3)	2.0 (1.5-4.4)	1.5 (1.0-3.2)	1.0 (0.7-2.2)	0.7 (0.5-1.6)	0.5 (0.4-1.1)
2	27 (17-44)	20 (13-35)	15 (8.9-27)	11 (6.2-20)	7.7 (4.3-15)	5.4 (3.0-10)	3.8 (2.1-7.3)	2.7 (1.5-5.3)	1.9 (1.1-3.8)	1.4 (0.7-2.7)	1.0 (0.5-2.0)
3	39 (24-55)	31 (18-46)	24 (13-37)	18 (9.3-28)	13 (6.5-21)	9.4 (4.6-15)	6.7 (3.2-11)	4.8 (2.2-7.9)	3.5 (1.6-5.7)	2.5 (1.1-4.1)	1.8 (0.8-3.0)
4	53 (33-64)	44 (25-56)	36 (19-46)	28 (14-37)	21 (9.7-28)	16 (6.9-21)	11 (4.8-16)	8.2 (3.5-12)	6.0 (2.5-8.5)	4.3 (1.8-6.2)	3.1 (1.3-4.5)
5	65 (44-71)	58 (35-64)	49 (27-55)	41 (20-46)	32 (15-36)	24 (11-28)	18 (7.7-21)	14 (5.6-16)	10 (4.1-12)	7.3 (2.9-8.7)	5.3 (2.1-6.3)
6	74	69	62	54	45	36	28	21	16	12	8.8

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	9.6	7.2	5.3	3.9	2.8	2.1	1.5	1.1	0.8	0.6	0.5
1	17 (12-34)	13 (9.3-26)	9.8 (6.9-20)	7.3 (5.1-16)	5.4 (3.7-12)	4.0 (2.7-8.6)	2.9 (2.0-6.4)	2.2 (1.5-4.8)	1.7 (1.1-3.6)	1.2 (0.8-2.7)	0.9 (0.6-2.1)
2	27 (17-45)	21 (13-37)	17 (9.6-30)	13 (7.1-23)	9.5 (5.2-18)	7.1 (3.8-14)	5.3 (2.8-10)	4.0 (2.1-7.9)	3.0 (1.6-6.0)	2.3 (1.2-4.6)	1.7 (0.9-3.4)
3	39 (23-55)	32 (18-48)	26 (14-40)	20 (10-32)	16 (7.7-26)	12 (5.7-20)	9.1 (4.2-15)	7.0 (3.2-12)	5.3 (2.4-9.0)	4.0 (1.8-6.9)	3.0 (1.4-5.2)
4	51 (32-63)	44 (25-57)	37 (20-49)	31 (15-41)	24 (11-33)	19 (8.5-26)	15 (6.3-21)	11 (4.8-16)	8.9 (3.6-13)	6.8 (2.8-9.9)	5.2 (2.1-7.6)
5	63 (41-69)	57 (34-63)	50 (28-56)	43 (22-49)	36 (17-41)	29 (13-34)	23 (9.9-27)	18 (7.6-22)	14 (5.8-17)	11 (4.4-14)	8.5 (3.4-11)
6	72	68	62	55	48	41	33	27	22	17	14

Ten year probability of hip fractures (%) according to BMD, the number of clinical risk factors (CRF) and age in men 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	8.4	6.5	5.0	3.9	3.0	2.3	1.8	1.4	1.1	0.9	0.7
1	15 (11-30)	12 (8.4-24)	9.3 (6.5-20)	7.2 (5.0-15)	5.6 (3.9-12)	4.3 (3.0-9.4)	3.4 (2.3-7.4)	2.7 (1.8-5.9)	2.1 (1.4-4.7)	1.7 (1.1-3.7)	1.3 (0.9-2.9)
2	24 (15-41)	20 (12-35)	16 (9.1-29)	13 (7.1-23)	9.9 (5.5-19)	7.7 (4.2-15)	6.1 (3.3-12)	4.9 (2.6-9.5)	3.9 (2.0-7.6)	3.1 (1.6-6.1)	2.4 (1.3-4.8)
3	36 (20-52)	30 (16-45)	25 (13-39)	20 (10-32)	16 (8.0-26)	13 (6.2-21)	10 (4.9-17)	8.3 (3.9-14)	6.7 (3.1-11)	5.3 (2.4-9.0)	4.2 (1.9-7.2)
4	48 (29-61)	42 (23-54)	36 (19-48)	31 (15-41)	25 (12-34)	21 (9.2-28)	17 (7.3-23)	14 (5.8-19)	11 (4.6-16)	8.9 (3.7-13)	7.2 (2.9-10)
5	61 (38-67)	55 (32-61)	49 (27-55)	43 (22-49)	37 (18-43)	31 (14-36)	26 (11-31)	21 (9.1-26)	18 (7.3-21)	14 (5.9-18)	12 (4.7-14)
6	71	67	62	56	50	43	37	32	27	22	18

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	5.7	4.6	3.7	3.0	2.4	1.9	1.6	1.3	1.1	0.9	0.7
1	10 (7.4-22)	8.5 (6.0-18)	6.9 (4.8-15)	5.6 (3.9-12)	4.6 (3.1-9.9)	3.7 (2.5-8.1)	3.0 (2.1-6.7)	2.5 (1.7-5.5)	2.1 (1.4-4.6)	1.7 (1.2-3.8)	1.4 (1.0-3.2)
2	17 (10-31)	14 (8.3-26)	12 (6.8-22)	9.8 (5.5-18)	8.0 (4.4-15)	6.6 (3.6-13)	5.5 (2.9-11)	4.5 (2.4-8.8)	3.8 (2.0-7.4)	3.1 (1.7-6.2)	2.6 (1.4-5.1)
3	27 (14-41)	23 (12-36)	19 (9.6-31)	16 (7.8-26)	13 (6.4-22)	11 (5.2-18)	9.2 (4.3-15)	7.8 (3.6-13)	6.5 (3.0-11)	5.4 (2.5-9.2)	4.5 (2.1-7.7)
4	38 (20-50)	33 (17-44)	29 (14-39)	25 (12-34)	21 (9.5-29)	18 (7.8-24)	15 (6.5-21)	13 (5.4-18)	11 (4.5-15)	9.1 (3.7-13)	7.6 (3.1-11)
5	51 (28-57)	46 (24-52)	41 (20-47)	36 (17-42)	31 (14-36)	27 (12-32)	23 (9.9-27)	20 (8.4-24)	17 (7.0-21)	14 (5.9-18)	12 (4.9-15)
6	63	59	54	49	43	38	34	30	26	22	19