

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 body mass index (BMI kg/m²), 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.

Age = 50 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	0.2	0.1	0.1	0.1	0.0	0.0	0.0
1	0.4 (0.3-0.9)	0.2 (0.2-0.5)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.1 (0.0-0.1)
2	0.9 (0.4-1.8)	0.5 (0.2-1.0)	0.3 (0.1-0.6)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.1 (0.1-0.2)
3	1.6 (0.7-3.2)	0.9 (0.4-1.8)	0.5 (0.2-1.0)	0.4 (0.2-0.8)	0.3 (0.1-0.6)	0.2 (0.1-0.5)	0.2 (0.1-0.4)
4	2.9 (1.1-4.8)	1.7 (0.6-2.7)	0.9 (0.4-1.5)	0.7 (0.3-1.2)	0.6 (0.2-0.9)	0.4 (0.2-0.7)	0.3 (0.1-0.6)
5	5.1 (2.3-6.8)	3.0 (1.3-4.0)	1.7 (0.7-2.2)	1.3 (0.6-1.7)	1.0 (0.5-1.4)	0.8 (0.3-1.0)	0.6 (0.3-0.8)
6	8.9	5.2	2.9	2.3	1.8	1.4	1.1

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

Age = 55 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	0.4	0.2	0.1	0.1	0.1	0.1	0.0
1	0.7 (0.5-1.3)	0.4 (0.3-0.8)	0.2 (0.2-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)
2	1.4 (0.7-2.7)	0.8 (0.4-1.6)	0.4 (0.2-0.9)	0.3 (0.2-0.7)	0.3 (0.1-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)
3	2.5 (1.1-4.7)	1.4 (0.7-2.7)	0.8 (0.4-1.5)	0.6 (0.3-1.2)	0.5 (0.2-0.9)	0.4 (0.2-0.7)	0.3 (0.1-0.6)
4	4.4 (2.0-7.0)	2.6 (1.2-4.1)	1.5 (0.6-2.3)	1.1 (0.5-1.8)	0.9 (0.4-1.4)	0.7 (0.3-1.1)	0.5 (0.2-0.8)
5	7.5 (3.9-9.8)	4.5 (2.3-5.9)	2.6 (1.3-3.4)	2.0 (1.0-2.7)	1.6 (0.8-2.1)	1.2 (0.6-1.6)	0.9 (0.5-1.2)
6	13	7.7	4.5	3.5	2.7	2.1	1.6

Age = 60 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	0.7	0.4	0.2	0.2	0.1	0.1	0.1
1	1.3 (0.9-2.0)	0.7 (0.5-1.2)	0.4 (0.3-0.7)	0.3 (0.2-0.5)	0.3 (0.2-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
2	2.2 (1.3-3.9)	1.3 (0.8-2.4)	0.8 (0.4-1.4)	0.6 (0.3-1.1)	0.5 (0.3-0.8)	0.3 (0.2-0.6)	0.3 (0.2-0.5)
3	3.9 (2.0-6.8)	2.3 (1.2-4.1)	1.3 (0.7-2.4)	1.0 (0.5-1.9)	0.8 (0.4-1.4)	0.6 (0.3-1.1)	0.5 (0.2-0.9)
4	6.5 (3.4-10)	4.0 (2.1-6.2)	2.3 (1.2-3.6)	1.8 (0.9-2.8)	1.4 (0.7-2.2)	1.1 (0.5-1.7)	0.8 (0.4-1.3)
5	11 (6.4-14)	6.8 (4.0-8.7)	4.0 (2.4-5.2)	3.1 (1.9-4.1)	2.4 (1.4-3.1)	1.9 (1.1-2.4)	1.4 (0.9-1.9)
6	17	11	6.8	5.3	4.1	3.2	2.5

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

Age = 65 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.2	0.7	0.4	0.3	0.3	0.2	0.2
1	2.1 (1.6-3.0)	1.3 (1.0-1.8)	0.7 (0.6-1.0)	0.6 (0.4-0.8)	0.4 (0.3-0.6)	0.3 (0.3-0.5)	0.3 (0.2-0.4)
2	3.5 (2.2-5.4)	2.2 (1.3-3.5)	1.3 (0.8-2.1)	1.0 (0.6-1.6)	0.8 (0.5-1.2)	0.6 (0.4-1.0)	0.4 (0.3-0.7)
3	5.7 (3.3-9.3)	3.6 (2.0-6.0)	2.2 (1.2-3.7)	1.7 (0.9-2.8)	1.3 (0.7-2.2)	1.0 (0.6-1.7)	0.8 (0.4-1.3)
4	9.3 (5.7-14)	6.0 (3.6-9.0)	3.7 (2.1-5.5)	2.9 (1.6-4.3)	2.2 (1.3-3.3)	1.7 (1.0-2.6)	1.3 (0.8-2.0)
5	15 (9.9-18)	9.8 (6.7-12)	6.1 (4.2-7.8)	4.8 (3.2-6.0)	3.7 (2.5-4.7)	2.8 (1.9-3.6)	2.2 (1.5-2.8)
6	22	16	10	7.8	6.1	4.7	3.6

Age = 70 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	2.1	1.3	0.8	0.6	0.5	0.4	0.3
1	3.6 (2.7-4.4)	2.4 (1.8-2.8)	1.4 (1.1-1.7)	1.1 (0.9-1.3)	0.9 (0.7-1.0)	0.7 (0.5-0.8)	0.5 (0.4-0.6)
2	6.3 (4.1-9.0)	4.2 (2.7-5.9)	2.6 (1.7-3.6)	2.0 (1.3-2.8)	1.5 (1.0-2.1)	1.2 (0.8-1.6)	0.9 (0.6-1.3)
3	11 (6.8-15)	7.3 (4.8-11)	4.6 (3.0-6.9)	3.6 (2.3-5.3)	2.7 (1.8-4.1)	2.1 (1.4-3.2)	1.6 (1.1-2.4)
4	17 (11-24)	12 (8.4-18)	8.1 (5.6-12)	6.3 (4.3-9.2)	4.8 (3.3-7.1)	3.7 (2.6-5.5)	2.9 (2.0-4.2)
5	26 (22-33)	20 (17-25)	14 (12-17)	11 (9.0-14)	8.4 (6.9-11)	6.5 (5.3-8.2)	5.0 (4.1-6.4)
6	38	31	23	18	14	11	8.5

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

Age = 75 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	3.7	2.5	1.5	1.2	0.9	0.7	0.5
1	6.8 (4.6-12)	4.7 (3.3-8.3)	3.0 (2.1-5.3)	2.3 (1.6-4.1)	1.8 (1.2-3.1)	1.4 (1.0-2.4)	1.0 (0.7-1.9)
2	12 (6.9-20)	8.7 (4.9-14)	5.7 (3.2-9.7)	4.4 (2.5-7.5)	3.4 (1.9-5.8)	2.6 (1.5-4.5)	2.0 (1.1-3.4)
3	20 (11-32)	15 (8.2-24)	10 (5.6-17)	8.1 (4.3-13)	6.3 (3.3-10)	4.8 (2.6-7.9)	3.7 (2.0-6.1)
4	30 (17-42)	25 (14-36)	18 (9.9-27)	14 (7.7-22)	11 (5.9-17)	8.6 (4.5-13)	6.7 (3.5-10)
5	43 (27-52)	37 (23-47)	29 (17-37)	24 (13-30)	19 (10-24)	15 (8.1-19)	12 (6.2-15)
6	55	51	44	37	30	24	19

Age = 80 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	6.0	4.2	2.7	2.1	1.6	1.2	0.9
1	11 (7.4-19)	7.7 (5.5-14)	5.1 (3.7-9.1)	3.9 (2.8-7.0)	3.0 (2.2-5.4)	2.3 (1.6-4.2)	1.8 (1.3-3.2)
2	18 (11-29)	13 (8.2-22)	9.2 (5.5-16)	7.2 (4.3-12)	5.5 (3.3-9.7)	4.3 (2.5-7.5)	3.3 (1.9-5.8)
3	27 (16-40)	22 (12-34)	16 (8.5-26)	13 (6.5-21)	9.8 (5.0-16)	7.6 (3.9-13)	5.8 (3.0-9.9)
4	38 (23-50)	33 (19-45)	26 (14-36)	21 (11-29)	16 (8.7-24)	13 (6.7-19)	10 (5.1-15)
5	50 (34-59)	46 (30-55)	39 (23-47)	32 (19-40)	26 (15-33)	21 (11-27)	16 (8.7-21)
6	61	59	53	46	39	32	26

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

Age = 85 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	8.0	5.6	3.6	2.8	2.1	1.6	1.3
1	14 (9.8-24)	10 (7.2-18)	6.8 (4.9-12)	5.3 (3.8-9.4)	4.0 (2.9-7.3)	3.1 (2.2-5.6)	2.4 (1.7-4.3)
2	23 (14-36)	17 (11-28)	12 (7.4-21)	9.5 (5.7-16)	7.4 (4.4-13)	5.7 (3.3-9.9)	4.4 (2.6-7.6)
3	34 (21-48)	28 (16-41)	21 (11-33)	16 (8.7-26)	13 (6.7-21)	10 (5.2-17)	7.7 (3.9-13)
4	46 (29-58)	40 (24-53)	32 (19-44)	26 (15-37)	21 (11-30)	17 (8.8-24)	13 (6.7-19)
5	58 (42-67)	54 (37-63)	47 (30-56)	39 (24-48)	33 (19-40)	26 (15-33)	21 (11-27)
6	69	66	62	54	47	39	32

Age = 90 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	7.9	5.6	3.7	2.8	2.2	1.7	1.3
1	14 (9.7-24)	10 (7.2-18)	6.9 (5.0-12)	5.3 (3.8-9.5)	4.1 (2.9-7.4)	3.1 (2.2-5.7)	2.4 (1.7-4.4)
2	22 (14-36)	17 (11-28)	12 (7.5-21)	9.6 (5.7-16)	7.4 (4.4-13)	5.7 (3.4-9.9)	4.4 (2.6-7.6)
3	33 (21-47)	27 (16-41)	21 (11-33)	16 (8.7-26)	13 (6.7-21)	10 (5.2-17)	7.7 (4.0-13)
4	46 (29-58)	40 (24-52)	32 (19-44)	26 (15-37)	21 (11-30)	17 (8.7-24)	13 (6.7-19)
5	58 (42-67)	54 (36-63)	47 (29-56)	39 (24-48)	32 (19-40)	26 (15-33)	21 (11-27)
6	69	66	61	54	46	39	32