

**Israel - 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/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 Israel. 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	0.4	0.2	0.1	0.1	0.1	0.1	0.1
1	0.9 (0.6-1.8)	0.5 (0.3-1.0)	0.3 (0.2-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.1 (0.1-0.2)
2	1.7 (0.9-3.7)	1.0 (0.5-2.0)	0.5 (0.3-1.1)	0.4 (0.2-0.9)	0.3 (0.2-0.7)	0.2 (0.1-0.5)	0.2 (0.1-0.4)
3	3.3 (1.3-6.4)	1.8 (0.7-3.6)	1.0 (0.4-2.0)	0.8 (0.3-1.5)	0.6 (0.2-1.2)	0.5 (0.2-0.9)	0.4 (0.1-0.7)
4	5.9 (2.3-9.6)	3.3 (1.3-5.4)	1.8 (0.7-3.0)	1.4 (0.6-2.3)	1.1 (0.4-1.8)	0.9 (0.3-1.4)	0.7 (0.3-1.1)
5	10 (4.7-14)	5.9 (2.7-7.9)	3.3 (1.5-4.5)	2.6 (1.2-3.5)	2.0 (0.9-2.7)	1.6 (0.7-2.1)	1.2 (0.5-1.6)
6	17	10	5.8	4.6	3.5	2.8	2.1

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

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	0.8	0.5	0.3	0.2	0.2	0.1	0.1
1	1.6 (1.1-2.8)	0.9 (0.6-1.6)	0.5 (0.3-0.9)	0.4 (0.3-0.7)	0.3 (0.2-0.5)	0.2 (0.2-0.4)	0.2 (0.1-0.3)
2	2.9 (1.6-5.7)	1.7 (0.9-3.3)	0.9 (0.5-1.8)	0.7 (0.4-1.4)	0.6 (0.3-1.1)	0.4 (0.2-0.9)	0.3 (0.2-0.7)
3	5.3 (2.4-9.8)	3.1 (1.4-5.7)	1.7 (0.8-3.2)	1.3 (0.6-2.5)	1.0 (0.5-1.9)	0.8 (0.3-1.5)	0.6 (0.3-1.2)
4	9.2 (4.2-15)	5.4 (2.4-8.6)	3.1 (1.4-4.9)	2.4 (1.0-3.8)	1.9 (0.8-3.0)	1.4 (0.6-2.3)	1.1 (0.5-1.8)
5	16 (8.3-20)	9.4 (4.9-12)	5.4 (2.8-7.1)	4.2 (2.2-5.6)	3.3 (1.7-4.3)	2.5 (1.3-3.4)	2.0 (1.0-2.6)
6	25	16	9.3	7.2	5.6	4.4	3.4

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	1.6	0.9	0.5	0.4	0.3	0.2	0.2
1	2.8 (2.0-4.5)	1.6 (1.2-2.6)	0.9 (0.7-1.5)	0.7 (0.5-1.1)	0.6 (0.4-0.9)	0.4 (0.3-0.7)	0.3 (0.2-0.5)
2	5.0 (2.9-8.6)	2.9 (1.7-5.2)	1.7 (1.0-3.0)	1.3 (0.8-2.3)	1.0 (0.6-1.8)	0.8 (0.4-1.4)	0.6 (0.3-1.1)
3	8.5 (4.4-15)	5.1 (2.6-9.0)	3.0 (1.5-5.3)	2.3 (1.1-4.1)	1.8 (0.9-3.2)	1.4 (0.7-2.5)	1.1 (0.5-1.9)
4	14 (7.6-21)	8.8 (4.5-13)	5.2 (2.6-7.9)	4.0 (2.0-6.2)	3.1 (1.6-4.8)	2.4 (1.2-3.7)	1.9 (0.9-2.9)
5	23 (14-28)	15 (8.9-18)	8.8 (5.3-11)	6.8 (4.1-8.8)	5.3 (3.2-6.9)	4.1 (2.5-5.4)	3.2 (1.9-4.2)
6	34	23	15	11	8.9	7.0	5.4

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.8	1.6	0.9	0.7	0.6	0.4	0.3
1	4.7 (3.6-6.7)	2.9 (2.2-4.1)	1.7 (1.3-2.3)	1.3 (1.0-1.8)	1.0 (0.7-1.4)	0.8 (0.6-1.1)	0.6 (0.4-0.8)
2	7.8 (4.9-12)	4.9 (3.1-7.8)	2.9 (1.8-4.7)	2.2 (1.4-3.7)	1.7 (1.1-2.8)	1.3 (0.8-2.2)	1.0 (0.6-1.7)
3	13 (7.4-20)	8.2 (4.6-13)	4.9 (2.8-8.2)	3.8 (2.1-6.4)	3.0 (1.6-4.9)	2.3 (1.3-3.8)	1.8 (1.0-3.0)
4	20 (13-29)	13 (8.0-19)	8.3 (4.8-12)	6.4 (3.7-9.6)	5.0 (2.9-7.4)	3.9 (2.2-5.8)	3.0 (1.7-4.5)
5	30 (21-35)	21 (15-26)	13 (9.3-17)	11 (7.3-13)	8.3 (5.6-10)	6.4 (4.4-8.1)	5.0 (3.4-6.3)
6	42	32	21	17	13	10	8.1

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.6	3.0	1.8	1.4	1.1	0.8	0.6
1	8.0 (6.1-9.6)	5.3 (4.0-6.2)	3.2 (2.5-3.8)	2.5 (1.9-2.9)	1.9 (1.5-2.3)	1.5 (1.1-1.7)	1.1 (0.9-1.3)
2	13 (9.0-19)	9.1 (6.1-13)	5.8 (3.8-7.9)	4.5 (2.9-6.1)	3.4 (2.3-4.7)	2.7 (1.7-3.7)	2.0 (1.3-2.8)
3	22 (15-30)	15 (10-22)	10 (6.6-15)	7.8 (5.1-12)	6.1 (4.0-9.0)	4.7 (3.1-7.0)	3.6 (2.3-5.4)
4	33 (23-43)	25 (18-34)	17 (12-24)	13 (9.5-19)	11 (7.3-15)	8.2 (5.7-12)	6.3 (4.4-9.3)
5	46 (40-54)	38 (32-46)	28 (24-34)	22 (19-28)	18 (15-22)	14 (12-17)	11 (9.0-14)
6	59	52	42	35	28	23	18

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

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	7.4	5.1	3.3	2.5	1.9	1.5	1.1
1	13 (9.2-23)	9.6 (6.7-16)	6.3 (4.5-11)	4.9 (3.4-8.5)	3.8 (2.6-6.6)	2.9 (2.0-5.1)	2.2 (1.5-3.9)
2	22 (13-35)	17 (9.9-27)	12 (6.7-19)	9.1 (5.2-15)	7.1 (4.0-12)	5.4 (3.1-9.1)	4.2 (2.3-7.0)
3	33 (20-50)	27 (16-41)	20 (12-31)	16 (8.9-25)	13 (6.9-20)	9.8 (5.3-16)	7.6 (4.1-12)
4	46 (30-60)	41 (25-54)	33 (19-46)	27 (15-38)	21 (12-32)	17 (9.2-25)	13 (7.0-20)
5	59 (43-68)	55 (38-64)	48 (31-58)	41 (25-50)	34 (20-42)	27 (16-35)	22 (12-29)
6	70	67	63	56	49	41	34

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	10	7.6	5.1	3.9	3.0	2.3	1.8
1	17 (12-29)	13 (9.5-23)	9.4 (6.8-17)	7.3 (5.2-13)	5.6 (4.0-10)	4.3 (3.0-7.8)	3.3 (2.3-6.0)
2	27 (18-42)	22 (14-36)	16 (10-27)	13 (7.8-21)	10 (6.0-17)	7.8 (4.6-13)	6.0 (3.5-10)
3	38 (24-53)	33 (20-47)	26 (15-40)	21 (12-33)	17 (9.1-27)	13 (7.0-21)	10 (5.4-17)
4	50 (33-63)	46 (29-58)	39 (24-52)	33 (19-44)	27 (15-37)	21 (11-30)	17 (8.8-24)
5	62 (46-70)	58 (42-67)	54 (36-63)	46 (30-56)	39 (24-48)	32 (19-41)	26 (15-34)
6	71	69	66	60	53	46	38

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	12	8.7	6.1	4.7	3.6	2.7	2.1
1	19 (14-32)	15 (11-26)	11 (7.9-19)	8.6 (6.1-15)	6.6 (4.6-12)	5.1 (3.5-9.1)	3.9 (2.7-7.0)
2	30 (20-46)	24 (16-39)	19 (12-31)	15 (9.0-25)	12 (6.9-20)	9.0 (5.3-15)	6.9 (4.0-12)
3	42 (28-57)	36 (23-51)	30 (17-44)	24 (14-37)	19 (11-30)	15 (8.1-24)	12 (6.2-19)
4	55 (37-66)	50 (32-62)	43 (26-56)	36 (21-48)	30 (17-41)	24 (13-34)	19 (9.9-27)
5	65 (51-72)	62 (46-70)	57 (39-66)	50 (32-59)	43 (26-52)	36 (21-44)	29 (16-37)
6	72	72	69	63	56	49	42

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	10	7.8	5.8	4.4	3.3	2.5	1.9
1	17 (12-29)	14 (9.5-23)	10 (7.2-18)	8.0 (5.5-14)	6.1 (4.2-11)	4.7 (3.2-8.5)	3.5 (2.4-6.5)
2	26 (17-41)	22 (14-36)	17 (11-29)	14 (8.2-23)	11 (6.3-18)	8.2 (4.8-14)	6.3 (3.6-11)
3	38 (24-52)	33 (20-47)	27 (16-40)	22 (12-33)	17 (9.5-27)	14 (7.3-22)	11 (5.6-17)
4	49 (33-62)	45 (28-57)	39 (24-52)	33 (19-44)	27 (15-37)	22 (11-30)	17 (8.6-24)
5	60 (46-67)	57 (41-66)	53 (35-62)	46 (29-55)	39 (23-47)	32 (18-40)	26 (14-33)
6	67	68	65	59	52	45	37