

Palestine - 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/m²), the number of clinical risk factors (CRF) and age. Each table provides a mean estimate and a range, based on the epidemiology of Palestine. 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	0.6	0.3	0.2	0.1	0.1	0.1	0.1
1	1.2 (0.8-2.3)	0.6 (0.4-1.2)	0.3 (0.2-0.7)	0.3 (0.2-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
2	2.3 (1.1-4.8)	1.2 (0.6-2.6)	0.7 (0.3-1.4)	0.5 (0.3-1.1)	0.4 (0.2-0.9)	0.3 (0.2-0.7)	0.2 (0.1-0.5)
3	4.2 (1.7-8.3)	2.3 (0.9-4.6)	1.3 (0.5-2.5)	1.0 (0.4-1.9)	0.8 (0.3-1.5)	0.6 (0.2-1.2)	0.5 (0.2-0.9)
4	7.7 (3.0-12)	4.3 (1.6-6.9)	2.3 (0.9-3.8)	1.8 (0.7-3.0)	1.4 (0.5-2.3)	1.1 (0.4-1.8)	0.8 (0.3-1.4)
5	14 (6.3-18)	7.6 (3.5-10)	4.2 (1.9-5.7)	3.3 (1.5-4.4)	2.5 (1.2-3.4)	2.0 (0.9-2.7)	1.5 (0.7-2.1)
6	23	13	7.4	5.8	4.5	3.5	2.7

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

Age = 55 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.2	0.6	0.3	0.3	0.2	0.2	0.1
1	2.2 (1.5-3.9)	1.2 (0.8-2.1)	0.7 (0.4-1.1)	0.5 (0.3-0.9)	0.4 (0.3-0.7)	0.3 (0.2-0.5)	0.2 (0.2-0.4)
2	4.1 (2.2-8.0)	2.3 (1.2-4.5)	1.2 (0.7-2.4)	1.0 (0.5-1.9)	0.7 (0.4-1.5)	0.6 (0.3-1.2)	0.4 (0.2-0.9)
3	7.5 (3.4-14)	4.2 (1.9-7.8)	2.3 (1.0-4.3)	1.8 (0.8-3.3)	1.4 (0.6-2.6)	1.1 (0.5-2.0)	0.8 (0.4-1.6)
4	13 (6.0-20)	7.4 (3.3-12)	4.1 (1.8-6.5)	3.2 (1.4-5.1)	2.5 (1.1-4.0)	1.9 (0.8-3.1)	1.5 (0.7-2.4)
5	22 (12-28)	13 (6.9-17)	7.2 (3.8-9.6)	5.6 (3.0-7.5)	4.4 (2.3-5.9)	3.4 (1.8-4.6)	2.7 (1.4-3.6)
6	35	21	12	9.7	7.6	6.0	4.7

Age = 60 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	2.1	1.1	0.6	0.5	0.4	0.3	0.2
1	3.8 (2.7-5.9)	2.1 (1.5-3.3)	1.1 (0.8-1.8)	0.9 (0.6-1.4)	0.7 (0.5-1.1)	0.5 (0.4-0.8)	0.4 (0.3-0.7)
2	6.7 (3.9-12)	3.8 (2.2-6.8)	2.1 (1.2-3.8)	1.6 (0.9-3.0)	1.3 (0.7-2.3)	1.0 (0.6-1.8)	0.8 (0.4-1.4)
3	12 (6.0-20)	6.7 (3.4-12)	3.7 (1.9-6.6)	2.9 (1.4-5.2)	2.3 (1.1-4.0)	1.7 (0.9-3.1)	1.4 (0.7-2.4)
4	19 (10-28)	11 (5.9-17)	6.5 (3.3-9.9)	5.1 (2.5-7.8)	4.0 (2.0-6.1)	3.1 (1.5-4.7)	2.4 (1.2-3.7)
5	31 (20-38)	19 (12-24)	11 (6.8-14)	8.7 (5.3-11)	6.8 (4.1-8.9)	5.3 (3.2-7.0)	4.2 (2.5-5.4)
6	46	30	18	15	12	9.0	7.1

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

Age = 65 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	3.4	1.9	1.1	0.8	0.7	0.5	0.4
1	5.9 (4.5-8.3)	3.4 (2.5-4.8)	1.9 (1.4-2.7)	1.5 (1.1-2.1)	1.2 (0.9-1.6)	0.9 (0.7-1.3)	0.7 (0.5-1.0)
2	%10.0 (6.4-16)	5.9 (3.7-9.6)	3.3 (2.1-5.5)	2.6 (1.6-4.3)	2.0 (1.3-3.3)	1.6 (1.0-2.6)	1.2 (0.8-2.0)
3	16 (9.5-26)	9.9 (5.6-16)	5.7 (3.2-9.5)	4.5 (2.5-7.5)	3.5 (1.9-5.8)	2.7 (1.5-4.5)	2.1 (1.2-3.5)
4	26 (16-36)	16 (9.7-24)	9.7 (5.6-14)	7.6 (4.3-11)	5.9 (3.4-8.8)	4.6 (2.6-6.8)	3.6 (2.0-5.3)
5	39 (29-46)	26 (19-32)	16 (11-20)	13 (8.8-16)	9.9 (6.8-13)	7.7 (5.3-9.8)	6.0 (4.1-7.7)
6	54	39	25	20	16	13	%10.0

Age = 70 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	4.9	2.9	1.7	1.3	1.0	0.8	0.6
1	8.6 (6.7-10)	5.2 (4.1-6.1)	3.0 (2.4-3.5)	2.4 (1.9-2.7)	1.8 (1.4-2.1)	1.4 (1.1-1.6)	1.1 (0.9-1.3)
2	15 (10-20)	9.3 (6.2-13)	5.5 (3.7-7.4)	4.3 (2.8-5.8)	3.3 (2.2-4.5)	2.6 (1.7-3.5)	2.0 (1.3-2.7)
3	25 (17-34)	16 (11-23)	9.8 (6.4-14)	7.7 (5.0-11)	6.0 (3.9-8.9)	4.6 (3.0-6.9)	3.6 (2.3-5.4)
4	38 (28-50)	27 (20-37)	17 (12-24)	13 (9.7-19)	11 (7.6-15)	8.2 (5.9-12)	6.4 (4.5-9.3)
5	54 (48-62)	41 (36-49)	28 (24-34)	23 (19-27)	18 (15-22)	14 (12-18)	11 (9.4-14)
6	69	59	44	36	30	24	19

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

Age = 75 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	6.1	3.9	2.3	1.8	1.4	1.1	0.8
1	11 (8.1-19)	7.5 (5.3-13)	4.6 (3.3-7.9)	3.5 (2.5-6.1)	2.7 (2.0-4.7)	2.1 (1.5-3.7)	1.6 (1.2-2.8)
2	20 (12-32)	14 (8.0-22)	8.7 (5.0-15)	6.8 (3.8-12)	5.2 (3.0-9.1)	4.1 (2.3-7.0)	3.1 (1.8-5.4)
3	32 (19-47)	24 (14-36)	16 (8.6-25)	12 (6.7-20)	9.7 (5.2-16)	7.6 (4.0-12)	5.9 (3.1-9.7)
4	47 (30-61)	38 (23-52)	27 (15-39)	22 (12-32)	17 (9.2-26)	14 (7.2-21)	11 (5.5-16)
5	62 (45-71)	54 (36-64)	43 (26-52)	35 (21-44)	29 (17-36)	23 (13-29)	18 (10-24)
6	74	70	61	53	45	37	30

Age = 80 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	7.1	4.8	3.0	2.3	1.8	1.4	1.1
1	13 (8.9-22)	8.8 (6.3-16)	5.8 (4.2-10)	4.4 (3.2-7.9)	3.4 (2.5-6.1)	2.6 (1.9-4.7)	2.0 (1.4-3.6)
2	21 (13-34)	15 (9.4-25)	10 (6.3-18)	8.1 (4.8-14)	6.3 (3.7-11)	4.9 (2.9-8.6)	3.7 (2.2-6.6)
3	32 (19-46)	25 (14-38)	18 (9.6-29)	14 (7.4-23)	11 (5.7-18)	8.6 (4.4-14)	6.7 (3.4-11)
4	44 (28-57)	38 (22-50)	29 (16-40)	23 (13-33)	19 (9.8-27)	15 (7.6-21)	11 (5.9-17)
5	57 (40-66)	52 (34-61)	43 (27-52)	36 (21-44)	30 (17-37)	24 (13-30)	19 (10-24)
6	69	65	59	51	44	36	30

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

Age = 85 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	7.5	5.5	3.8	2.9	2.2	1.7	1.3
1	13 (8.9-22)	9.9 (6.9-17)	7.0 (5.0-13)	5.4 (3.8-9.7)	4.1 (2.9-7.5)	3.2 (2.2-5.8)	2.4 (1.7-4.4)
2	21 (13-34)	17 (10-28)	12 (7.5-21)	9.6 (5.7-16)	7.4 (4.4-13)	5.7 (3.3-9.9)	4.4 (2.5-7.6)
3	31 (19-45)	26 (15-39)	20 (11-32)	16 (8.7-26)	13 (6.7-20)	9.8 (5.1-16)	7.6 (3.9-13)
4	43 (26-55)	38 (22-50)	31 (18-43)	26 (14-36)	20 (11-29)	16 (8.3-23)	13 (6.3-18)
5	55 (39-64)	51 (34-60)	45 (28-54)	38 (23-46)	31 (18-39)	25 (14-32)	20 (11-26)
6	66	63	59	51	44	37	30

Age = 90 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	7.8	6.5	5.2	3.9	3.0	2.2	1.7
1	13 (8.9-23)	11 (7.6-20)	9.1 (6.2-16)	7.0 (4.7-13)	5.3 (3.5-9.7)	4.0 (2.7-7.4)	3.0 (2.0-5.7)
2	20 (12-34)	18 (11-30)	15 (9.1-26)	12 (6.9-20)	9.1 (5.2-16)	6.9 (3.9-12)	5.3 (3.0-9.6)
3	30 (18-43)	27 (15-40)	23 (13-35)	19 (10-29)	15 (7.8-23)	11 (5.9-18)	8.8 (4.4-14)
4	41 (25-53)	37 (22-49)	33 (19-45)	28 (15-38)	22 (12-31)	18 (8.9-25)	14 (6.7-20)
5	52 (36-61)	49 (33-58)	45 (29-54)	38 (23-47)	32 (19-40)	26 (15-34)	21 (11-28)
6	63	61	57	50	43	37	30