

Greece - 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 Greece. 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	0.7	0.4	0.2	0.2	0.1	0.1	0.1
1	1.4 (0.9-2.7)	0.7 (0.5-1.5)	0.4 (0.3-0.8)	0.3 (0.2-0.6)	0.2 (0.2-0.5)	0.2 (0.1-0.4)	0.1 (0.1-0.3)
2	2.7 (1.4-5.8)	1.5 (0.7-3.1)	0.8 (0.4-1.7)	0.6 (0.3-1.3)	0.5 (0.2-1.0)	0.4 (0.2-0.8)	0.3 (0.1-0.6)
3	5.1 (2.1-10)	2.8 (1.1-5.5)	1.5 (0.6-3.0)	1.2 (0.5-2.3)	0.9 (0.4-1.8)	0.7 (0.3-1.4)	0.5 (0.2-1.1)
4	9.2 (3.6-15)	5.1 (2.0-8.2)	2.8 (1.1-4.5)	2.1 (0.8-3.5)	1.7 (0.6-2.7)	1.3 (0.5-2.1)	1.0 (0.4-1.7)
5	16 (7.7-21)	9.1 (4.2-12)	5.0 (2.3-6.7)	3.9 (1.8-5.3)	3.0 (1.4-4.1)	2.4 (1.1-3.2)	1.8 (0.8-2.5)
6	27	16	8.7	6.9	5.4	4.2	3.3

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

Age = 55 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.3	0.7	0.4	0.3	0.2	0.2	0.1
1	2.5 (1.7-4.4)	1.4 (0.9-2.4)	0.7 (0.5-1.3)	0.6 (0.4-1.0)	0.4 (0.3-0.8)	0.3 (0.2-0.6)	0.3 (0.2-0.5)
2	4.8 (2.6-9.3)	2.6 (1.4-5.1)	1.4 (0.8-2.8)	1.1 (0.6-2.2)	0.8 (0.5-1.7)	0.7 (0.4-1.3)	0.5 (0.3-1.0)
3	8.6 (3.9-16)	4.7 (2.1-8.9)	2.6 (1.2-4.9)	2.0 (0.9-3.8)	1.6 (0.7-3.0)	1.2 (0.5-2.3)	0.9 (0.4-1.8)
4	15 (6.9-23)	8.5 (3.8-13)	4.6 (2.0-7.3)	3.6 (1.6-5.7)	2.8 (1.2-4.5)	2.2 (1.0-3.5)	1.7 (0.7-2.7)
5	25 (14-33)	15 (7.9-19)	8.2 (4.3-11)	6.4 (3.4-8.5)	5.0 (2.6-6.7)	3.9 (2.1-5.2)	3.1 (1.6-4.1)
6	40	24	14	11	8.7	6.8	5.3

Age = 60 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	2.6	1.4	0.8	0.6	0.5	0.4	0.3
1	4.7 (3.3-7.3)	2.6 (1.8-4.0)	1.4 (1.0-2.2)	1.1 (0.8-1.7)	0.8 (0.6-1.3)	0.7 (0.5-1.0)	0.5 (0.4-0.8)
2	8.3 (5.0-15)	4.6 (2.7-8.4)	2.5 (1.5-4.6)	2.0 (1.2-3.6)	1.5 (0.9-2.8)	1.2 (0.7-2.2)	0.9 (0.5-1.7)
3	14 (7.5-25)	8.2 (4.1-14)	4.5 (2.3-8.0)	3.5 (1.8-6.3)	2.8 (1.4-4.9)	2.1 (1.1-3.8)	1.7 (0.8-3.0)
4	24 (13-35)	14 (7.2-21)	7.9 (4.0-12)	6.2 (3.1-9.5)	4.8 (2.4-7.4)	3.8 (1.9-5.8)	2.9 (1.5-4.5)
5	38 (25-47)	23 (15-30)	13 (8.3-17)	11 (6.5-14)	8.4 (5.1-11)	6.5 (4.0-8.6)	5.1 (3.1-6.7)
6	56	37	22	18	14	11	8.7

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

Age = 65 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	4.5	2.5	1.4	1.1	0.8	0.7	0.5
1	7.9 (5.9-11)	4.5 (3.3-6.2)	2.5 (1.8-3.4)	1.9 (1.4-2.7)	1.5 (1.1-2.1)	1.2 (0.9-1.6)	0.9 (0.7-1.3)
2	13 (8.6-21)	7.7 (4.9-13)	4.3 (2.7-7.2)	3.4 (2.1-5.6)	2.6 (1.6-4.4)	2.0 (1.3-3.4)	1.6 (1.0-2.6)
3	22 (13-34)	13 (7.4-21)	7.4 (4.1-12)	5.8 (3.2-9.7)	4.5 (2.5-7.6)	3.5 (1.9-5.9)	2.7 (1.5-4.6)
4	34 (21-47)	21 (13-30)	12 (7.2-18)	9.8 (5.6-14)	7.7 (4.4-11)	6.0 (3.4-8.9)	4.7 (2.6-7.0)
5	50 (38-58)	33 (24-41)	20 (15-26)	16 (11-21)	13 (9.0-16)	10 (7.0-13)	7.9 (5.5-10)
6	67	49	32	26	21	17	13

Age = 70 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	7.7	4.5	2.6	2.0	1.6	1.2	0.9
1	14 (11-16)	8.2 (6.5-9.5)	4.7 (3.8-5.5)	3.7 (2.9-4.2)	2.8 (2.3-3.3)	2.2 (1.8-2.6)	1.7 (1.4-2.0)
2	23 (16-30)	14 (9.7-19)	8.5 (5.7-11)	6.6 (4.4-8.8)	5.2 (3.4-6.9)	4.0 (2.7-5.4)	3.1 (2.1-4.2)
3	36 (26-48)	24 (17-34)	15 (9.9-22)	12 (7.7-17)	9.2 (6.0-14)	7.2 (4.7-11)	5.6 (3.6-8.4)
4	53 (42-66)	39 (30-51)	25 (19-35)	20 (15-28)	16 (12-23)	13 (9.2-18)	10 (7.2-14)
5	69 (64-76)	56 (51-65)	40 (36-48)	33 (29-40)	27 (23-32)	22 (19-26)	17 (15-21)
6	80	73	59	51	42	35	28

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

Age = 75 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	12	7.8	4.7	3.6	2.8	2.2	1.7
1	22 (16-35)	15 (11-24)	9.1 (6.6-15)	7.1 (5.1-12)	5.5 (4.0-9.4)	4.3 (3.1-7.4)	3.3 (2.4-5.7)
2	35 (23-52)	26 (16-40)	17 (9.9-28)	13 (7.7-22)	10 (6.0-18)	8.1 (4.6-14)	6.3 (3.6-11)
3	51 (35-68)	41 (26-57)	29 (17-44)	23 (13-36)	19 (10-29)	15 (8.0-24)	12 (6.2-19)
4	65 (49-77)	58 (40-72)	45 (28-61)	38 (22-53)	31 (18-45)	25 (14-37)	20 (11-30)
5	76 (64-82)	72 (57-80)	64 (45-73)	56 (38-66)	48 (31-58)	40 (25-49)	33 (20-41)
6	83	82	79	73	66	58	50

Age = 80 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	16	11	7.1	5.5	4.2	3.3	2.5
1	27 (20-42)	20 (14-32)	13 (9.7-22)	10 (7.5-18)	8.0 (5.8-14)	6.2 (4.5-11)	4.8 (3.4-8.5)
2	39 (28-57)	31 (21-48)	23 (14-37)	18 (11-30)	14 (8.7-24)	11 (6.7-19)	8.7 (5.2-15)
3	53 (38-68)	46 (30-62)	36 (21-53)	29 (17-45)	24 (13-37)	19 (10-31)	15 (7.9-25)
4	65 (49-76)	60 (43-72)	52 (34-65)	44 (27-58)	37 (22-50)	30 (17-42)	25 (13-35)
5	75 (62-80)	72 (57-79)	67 (49-75)	60 (42-69)	53 (34-62)	45 (28-54)	38 (22-46)
6	81	80	78	73	67	60	53

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

Age = 85 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	16	12	7.8	6.0	4.6	3.6	2.7
1	26 (19-42)	20 (15-33)	14 (10-24)	11 (8.0-19)	8.6 (6.1-15)	6.6 (4.7-12)	5.1 (3.6-9.1)
2	39 (27-57)	32 (21-48)	24 (15-38)	19 (12-31)	15 (9.2-25)	12 (7.1-20)	9.1 (5.4-16)
3	52 (37-67)	46 (30-61)	37 (22-54)	30 (18-46)	25 (14-38)	20 (11-31)	16 (8.3-25)
4	64 (48-75)	59 (42-71)	52 (34-65)	45 (28-58)	38 (22-50)	31 (18-42)	25 (14-35)
5	73 (61-78)	71 (56-78)	67 (49-75)	60 (42-69)	52 (34-62)	45 (28-54)	38 (22-46)
6	77	79	77	72	66	60	52

Age = 90 years

Number of CRFs	BMI (kg/m ²)						
	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)	8.5 (6.0-15)	6.6 (4.6-12)	5.0 (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)	8.9 (5.3-15)	6.9 (4.0-12)
3	42 (28-57)	36 (23-51)	30 (17-44)	24 (13-37)	19 (10-30)	15 (8.1-24)	12 (6.2-19)
4	55 (38-67)	50 (32-62)	43 (26-56)	36 (21-48)	30 (17-41)	24 (13-34)	19 (9.9-27)
5	65 (51-71)	62 (46-70)	57 (39-66)	50 (33-59)	43 (26-52)	36 (21-44)	29 (16-37)
6	71	72	70	64	57	49	42