

**Philippines - The probabilities of a major osteoporotic fracture in women**

The following tables give the 10-year probability (%) of a major osteoporotic fracture (hip, clinical spine, forearm or proximal humerus 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 Philippines. 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	1.5	1.3	1.2	1.1	0.9	0.8	0.7
1	2.4 (1.7-3.7)	2.1 (1.5-3.1)	2.0 (1.3-2.8)	1.7 (1.2-2.4)	1.5 (1.0-2.1)	1.3 (0.9-1.8)	1.1 (0.8-1.6)
2	4.0 (2.2-6.6)	3.4 (1.8-5.7)	3.1 (1.6-5.3)	2.7 (1.4-4.6)	2.3 (1.2-4.0)	2.0 (1.1-3.5)	1.7 (0.9-3.1)
3	6.5 (3.2-11)	5.4 (2.6-9.5)	4.8 (2.3-8.7)	4.1 (2.0-7.6)	3.6 (1.7-6.6)	3.1 (1.5-5.7)	2.7 (1.3-5.0)
4	10 (5.5-16)	8.3 (4.6-13)	7.2 (3.8-12)	6.2 (3.3-10)	5.4 (2.8-9.0)	4.7 (2.4-7.8)	4.0 (2.1-6.8)
5	16 (9.5-21)	13 (8.0-17)	11 (7.1-15)	9.4 (6.2-13)	8.1 (5.3-11)	7.0 (4.6-9.5)	6.0 (4.0-8.2)
6	25	19	16	14	12	10	8.9

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

**Age = 55 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.0	1.8	1.7	1.5	1.3	1.1	1.0
1	3.3 (2.3-4.9)	2.9 (2.0-4.1)	2.6 (1.8-3.6)	2.3 (1.5-3.1)	2.0 (1.3-2.7)	1.7 (1.2-2.3)	1.5 (1.0-2.0)
2	5.4 (3.1-8.6)	4.5 (2.5-7.4)	4.1 (2.2-6.8)	3.5 (1.9-5.9)	3.0 (1.6-5.2)	2.6 (1.4-4.5)	2.3 (1.2-3.9)
3	8.6 (4.7-14)	7.1 (3.7-12)	6.2 (3.1-11)	5.4 (2.7-9.6)	4.6 (2.3-8.4)	4.0 (2.0-7.3)	3.5 (1.7-6.4)
4	14 (7.6-20)	11 (6.4-17)	9.4 (5.3-15)	8.1 (4.5-13)	7.0 (3.8-11)	6.0 (3.3-9.9)	5.2 (2.8-8.6)
5	21 (13-26)	17 (11-21)	14 (9.5-19)	12 (8.2-16)	10 (7.1-14)	9.0 (6.1-12)	7.7 (5.3-10)
6	31	25	21	18	15	13	11

**Age = 60 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	2.8	2.4	2.3	1.9	1.7	1.5	1.3
1	4.5 (3.2-6.4)	3.9 (2.7-5.3)	3.5 (2.4-4.7)	3.0 (2.1-4.0)	2.6 (1.8-3.5)	2.3 (1.5-3.0)	2.0 (1.3-2.6)
2	7.2 (4.3-11)	6.1 (3.5-9.5)	5.4 (3.0-8.8)	4.6 (2.6-7.6)	4.0 (2.2-6.6)	3.5 (1.9-5.8)	3.0 (1.6-5.0)
3	11 (6.7-17)	9.3 (5.2-15)	8.2 (4.3-14)	7.0 (3.7-12)	6.1 (3.1-11)	5.2 (2.7-9.2)	4.5 (2.3-8.0)
4	17 (11-25)	14 (8.8-21)	12 (7.3-19)	11 (6.2-17)	9.0 (5.2-14)	7.8 (4.4-13)	6.7 (3.8-11)
5	26 (17-32)	21 (14-27)	18 (13-23)	15 (11-20)	13 (9.3-18)	11 (8.0-15)	9.8 (6.9-13)
6	37	30	26	22	19	16	14

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

**Age = 65 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	3.5	3.0	2.8	2.4	2.0	1.8	1.5
1	5.5 (4.0-7.5)	4.7 (3.4-6.3)	4.3 (3.0-5.5)	3.6 (2.5-4.7)	3.1 (2.2-4.1)	2.7 (1.9-3.5)	2.3 (1.6-3.0)
2	8.6 (5.5-12)	7.3 (4.4-11)	6.5 (3.8-10)	5.5 (3.2-8.8)	4.7 (2.7-7.7)	4.1 (2.3-6.6)	3.5 (2.0-5.8)
3	13 (8.6-19)	11 (6.7-17)	9.7 (5.5-16)	8.3 (4.6-14)	7.1 (3.9-12)	6.1 (3.3-10)	5.2 (2.8-9.0)
4	19 (13-27)	16 (11-24)	14 (9.2-22)	12 (7.7-19)	10 (6.4-16)	8.9 (5.4-14)	7.6 (4.5-12)
5	28 (20-35)	24 (17-30)	21 (15-27)	18 (13-23)	15 (11-20)	13 (9.5-17)	11 (8.1-15)
6	39	34	29	25	22	18	16

**Age = 70 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.1	3.6	3.3	2.8	2.4	2.0	1.7
1	6.3 (4.6-8.0)	5.4 (4.0-6.9)	4.8 (3.5-6.3)	4.1 (3.0-5.3)	3.5 (2.5-4.5)	2.9 (2.1-3.8)	2.5 (1.8-3.3)
2	9.8 (6.3-14)	8.3 (5.3-12)	7.2 (4.6-10)	6.1 (3.8-8.6)	5.1 (3.2-7.3)	4.3 (2.7-6.2)	3.6 (2.2-5.2)
3	15 (9.7-22)	13 (8.1-19)	11 (6.7-16)	9.0 (5.6-14)	7.5 (4.6-11)	6.3 (3.9-9.6)	5.3 (3.2-8.1)
4	23 (15-32)	19 (13-27)	16 (11-23)	13 (9.0-20)	11 (7.4-16)	9.2 (6.1-14)	7.7 (5.1-12)
5	33 (27-41)	28 (23-35)	23 (19-30)	20 (16-25)	16 (13-21)	14 (11-18)	11 (8.6-15)
6	44	39	34	28	24	20	16

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

**Age = 75 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.7	4.2	3.8	3.2	2.7	2.3	1.9
1	7.6 (5.2-11)	6.6 (4.6-9.1)	5.8 (4.2-7.2)	4.8 (3.4-5.8)	4.0 (2.8-4.9)	3.3 (2.4-4.1)	2.7 (2.0-3.5)
2	12 (7.2-19)	10 (6.3-16)	8.9 (5.5-13)	7.3 (4.5-10)	6.0 (3.7-8.5)	4.9 (3.0-6.9)	4.0 (2.5-5.7)
3	19 (10-30)	16 (9.4-24)	14 (8.3-20)	11 (6.8-16)	9.1 (5.6-13)	7.4 (4.5-11)	6.0 (3.7-8.8)
4	28 (16-39)	25 (15-35)	21 (13-30)	17 (10-25)	14 (8.5-20)	11 (6.9-17)	9.1 (5.6-13)
5	39 (26-49)	35 (24-45)	31 (22-39)	25 (18-33)	21 (15-27)	17 (12-22)	14 (9.9-18)
6	52	48	43	37	30	25	20

**Age = 80 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	5.0	4.5	4.1	3.4	2.8	2.3	1.9
1	8.1 (5.5-13)	7.2 (5.0-11)	6.4 (4.5-8.8)	5.2 (3.6-7.0)	4.2 (2.9-5.6)	3.4 (2.4-4.5)	2.8 (1.9-3.6)
2	13 (7.6-21)	11 (6.9-17)	9.8 (6.1-14)	7.9 (4.9-11)	6.3 (3.9-8.9)	5.1 (3.2-7.2)	4.1 (2.6-5.8)
3	19 (11-29)	17 (9.9-26)	15 (9.1-21)	12 (7.2-17)	9.6 (5.8-14)	7.7 (4.6-11)	6.2 (3.7-9.0)
4	28 (16-38)	25 (15-34)	22 (14-31)	18 (11-25)	14 (8.9-21)	12 (7.1-17)	9.3 (5.7-13)
5	38 (24-47)	35 (23-44)	32 (21-40)	26 (17-33)	21 (14-28)	17 (11-22)	14 (9.1-18)
6	49	46	43	36	30	25	20

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

**Age = 85 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.9	4.4	4.2	3.4	2.8	2.2	1.8
1	8.0 (5.4-14)	7.1 (4.8-11)	6.5 (4.5-9.5)	5.2 (3.5-7.5)	4.2 (2.8-5.9)	3.3 (2.2-4.6)	2.7 (1.8-3.7)
2	13 (7.7-21)	11 (6.8-18)	10 (6.1-15)	8.0 (4.9-12)	6.3 (3.8-9.4)	5.0 (3.1-7.4)	4.0 (2.4-5.9)
3	20 (11-30)	17 (9.7-26)	15 (8.8-22)	12 (6.9-18)	9.6 (5.4-15)	7.6 (4.3-12)	6.0 (3.3-9.2)
4	29 (16-39)	25 (15-35)	22 (14-31)	18 (11-25)	14 (8.6-21)	12 (6.7-17)	9.1 (5.3-13)
5	39 (25-48)	36 (23-44)	32 (21-40)	26 (17-34)	21 (13-28)	17 (11-23)	14 (8.4-18)
6	50	47	43	37	30	25	20

**Age = 90 years**

Number of CRFs	BMI (kg/m <sup>2</sup> )						
	15	20	25	30	35	40	45
0	4.2	4.0	4.3	3.5	2.8	2.3	1.9
1	6.8 (4.5-11)	6.3 (4.2-9.7)	6.2 (4.2-8.6)	5.0 (3.4-6.8)	4.0 (2.7-5.4)	3.3 (2.2-4.3)	2.6 (1.7-3.4)
2	11 (6.4-18)	9.7 (5.8-15)	9.2 (5.7-13)	7.4 (4.5-11)	5.9 (3.6-8.6)	4.7 (2.8-6.9)	3.8 (2.3-5.5)
3	17 (9.2-26)	15 (8.2-23)	14 (7.7-20)	11 (6.1-16)	8.7 (4.8-13)	6.9 (3.8-11)	5.5 (3.0-8.5)
4	24 (14-34)	22 (13-30)	20 (12-27)	16 (9.5-22)	13 (7.5-18)	10 (6.0-15)	8.0 (4.7-12)
5	34 (21-42)	31 (19-39)	28 (18-36)	23 (15-30)	18 (12-24)	15 (9.4-20)	12 (7.5-16)
6	45	42	38	32	26	21	17