Phillippines - The probabilities of a major osteoporotic fracture in men

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/m2), the number of clinical risk factors (CRF) and age. Each table provides a mean estimate and a range, based on the epidemiology of Phillippines. 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/m²)						
	15	20	25	30	35	40	45
0	1.0	0.9	0.9	0.8	0.7	0.6	0.5
1	1.5 (1.0-2.4)	1.5 (1.0-2.2)	1.5 (1.0-2.1)	1.3 (0.8-1.8)	1.1 (0.7-1.5)	1.0 (0.6-1.3)	0.8 (0.5-1.2)
2	2.4 (1.3-4.2)	2.3 (1.2-4.1)	2.3 (1.2-4.0)	2.0 (1.0-3.5)	1.7 (0.9-3.0)	1.5 (0.8-2.6)	1.3 (0.7-2.3)
3	3.8 (1.9-6.6)	3.6 (1.7-6.4)	3.4 (1.6-6.3)	3.0 (1.4-5.5)	2.6 (1.2-4.7)	2.2 (1.0-4.1)	1.9 (0.9-3.6)
4	5.9 (3.1-9.4)	5.4 (2.8-8.9)	5.1 (2.6-8.6)	4.4 (2.2-7.4)	3.8 (1.9-6.4)	3.3 (1.6-5.6)	2.8 (1.4-4.8)
5	9.0 (5.2-12)	8.1 (5.0-11)	7.6 (4.9-10)	6.5 (4.3-9.0)	5.6 (3.7-7.8)	4.8 (3.2-6.7)	4.1 (2.7-5.8)
6	13	12	11	9.5	8.1	7.0	6.0

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

Age = 55 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	1.1	1.1	1.1	1.0	0.8	0.7	0.6
1	1.8 (1.2-2.7)	1.7 (1.2-2.5)	1.7 (1.2-2.4)	1.5 (1.0-2.1)	1.3 (0.9-1.8)	1.1 (0.7-1.5)	1.0 (0.6-1.3)
2	2.8 (1.6-4.7)	2.7 (1.5-4.6)	2.6 (1.4-4.6)	2.3 (1.2-4.0)	2.0 (1.0-3.5)	1.7 (0.9-3.0)	1.5 (0.8-2.6)
3	4.4 (2.4-7.1)	4.1 (2.1-7.1)	4.0 (2.0-7.1)	3.4 (1.7-6.1)	2.9 (1.4-5.3)	2.5 (1.2-4.6)	2.2 (1.1-4.0)
4	6.6 (3.7-10)	6.2 (3.3-9.9)	5.9 (3.1-9.7)	5.1 (2.7-8.4)	4.3 (2.2-7.2)	3.7 (1.9-6.2)	3.2 (1.6-5.4)
5	9.9 (6.0-13)	9.2 (5.8-12)	8.7 (5.8-12)	7.4 (4.9-10)	6.3 (4.2-8.8)	5.4 (3.6-7.6)	4.6 (3.1-6.5)
6	15	13	13	11	9.1	7.8	6.6

Age = 60 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	1.3	1.3	1.3	1.1	1.0	0.8	0.7
1	2.0 (1.4-3.0)	2.0 (1.4-2.8)	2.0 (1.4-2.8)	1.7 (1.2-2.4)	1.5 (1.0-2.0)	1.3 (0.8-1.7)	1.1 (0.7-1.5)
2	3.2 (1.8-5.1)	3.1 (1.7-5.1)	3.1 (1.7-5.2)	2.6 (1.4-4.5)	2.2 (1.2-3.9)	1.9 (1.0-3.3)	1.6 (0.9-2.9)
3	4.8 (2.7-7.4)	4.6 (2.6-7.6)	4.6 (2.4-7.8)	3.9 (2.0-6.7)	3.3 (1.7-5.8)	2.8 (1.4-4.9)	2.4 (1.2-4.2)
4	7.1 (4.2-11)	6.8 (3.9-11)	6.7 (3.7-11)	5.7 (3.1-9.2)	4.8 (2.6-7.9)	4.1 (2.2-6.7)	3.5 (1.8-5.8)
5	10 (6.5-14)	10 (6.5-14)	9.7 (6.6-13)	8.2 (5.6-11)	6.9 (4.7-9.7)	5.9 (4.0-8.2)	5.0 (3.4-7.0)
6	15	14	14	12	9.8	8.3	7.0

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

Age = 65 years

Number of CRFs	BMI (kg/m²)						
	15	**20**	**25**	**30**	**35**	**40**	**45**
0	1.4	1.4	1.4	1.2	1.0	0.9	0.7
1	2.1 (1.5-3.0)	2.1 (1.4-2.9)	2.1 (1.4-2.9)	1.8 (1.2-2.4)	1.5 (1.0-2.1)	1.3 (0.9-1.7)	1.1 (0.7-1.5)
2	3.2 (2.0-5.0)	3.2 (1.9-5.1)	3.2 (1.8-5.3)	2.7 (1.5-4.6)	2.3 (1.3-3.9)	1.9 (1.1-3.3)	1.6 (0.9-2.9)
3	4.8 (2.9-7.4)	4.7 (2.8-7.3)	4.7 (2.7-7.8)	4.0 (2.2-6.6)	3.3 (1.8-5.6)	2.8 (1.5-4.7)	2.4 (1.3-4.0)
4	7.1 (4.4-10)	6.9 (4.2-10)	6.9 (4.1-11)	5.8 (3.3-9.1)	4.8 (2.7-7.7)	4.0 (2.2-6.5)	3.4 (1.8-5.6)
5	10 (6.8-14)	9.9 (6.7-13)	9.8 (6.9-13)	8.2 (5.7-11)	6.9 (4.8-9.6)	5.7 (4.0-8.1)	4.8 (3.3-6.8)
6	14	14	14	11	9.6	8.0	6.7

Age = 70 years

Number of CRFs	BMI (kg/m²)						
	15	**20**	**25**	**30**	**35**	**40**	**45**
0	1.4	1.4	1.4	1.2	1.0	0.8	0.7
1	2.1 (1.4-2.7)	2.1 (1.4-2.7)	2.1 (1.4-2.8)	1.7 (1.2-2.3)	1.4 (1.0-1.9)	1.2 (0.8-1.6)	1.0 (0.7-1.4)
2	3.2 (1.9-5.0)	3.1 (1.9-4.8)	3.1 (1.9-4.6)	2.5 (1.5-3.8)	2.1 (1.3-3.2)	1.7 (1.0-2.6)	1.4 (0.9-2.2)
3	4.9 (2.7-7.8)	4.6 (2.7-7.3)	4.5 (2.7-6.8)	3.7 (2.2-5.6)	3.0 (1.8-4.6)	2.5 (1.4-3.8)	2.0 (1.2-3.2)
4	7.4 (4.4-11)	6.9 (4.2-10)	6.6 (4.1-10)	5.3 (3.3-8.1)	4.3 (2.6-6.6)	3.5 (2.1-5.4)	2.9 (1.7-4.4)
5	11 (8.5-15)	10 (7.8-14)	9.7 (7.3-13)	7.8 (5.8-11)	6.3 (4.7-8.7)	5.1 (3.7-7.1)	4.1 (3.0-5.8)
6	16	15	14	11	9.1	7.3	5.9

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

Age = 75 years

Number of CRFs	BMI (kg/m²)						
	15	**20**	**25**	**30**	**35**	**40**	**45**
0	1.4	1.5	1.5	1.2	1.0	0.8	0.7
1	2.4 (1.5-3.8)	2.3 (1.5-3.4)	2.3 (1.5-3.0)	1.8 (1.2-2.4)	1.5 (1.0-1.9)	1.2 (0.8-1.5)	1.0 (0.7-1.3)
2	3.9 (2.1-6.7)	3.6 (2.0-6.0)	3.5 (2.1-5.4)	2.8 (1.6-4.3)	2.2 (1.3-3.4)	1.8 (1.1-2.7)	1.4 (0.9-2.2)
3	6.2 (3.0-11)	5.7 (2.8-9.7)	5.3 (2.8-8.5)	4.2 (2.3-6.8)	3.3 (1.8-5.4)	2.6 (1.4-4.3)	2.1 (1.1-3.4)
4	9.8 (4.9-15)	8.9 (4.6-14)	8.2 (4.4-12)	6.4 (3.5-9.7)	5.1 (2.8-7.7)	4.0 (2.2-6.1)	3.1 (1.7-4.8)
5	15 (8.6-21)	14 (8.1-19)	12 (7.9-17)	9.8 (6.3-13)	7.7 (5.0-11)	6.0 (3.9-8.4)	4.7 (3.1-6.6)
6	23	20	18	15	12	9.1	7.1

Age = 80 years

Number of CRFs	BMI (kg/m²)						
	15	**20**	**25**	**30**	**35**	**40**	**45**
0	1.6	1.6	1.6	1.3	1.0	0.8	0.7
1	2.7 (1.7-4.6)	2.5 (1.7-4.1)	2.4 (1.6-3.6)	1.9 (1.3-2.8)	1.5 (1.0-2.2)	1.2 (0.8-1.7)	1.0 (0.6-1.3)
2	4.4 (2.4-7.8)	4.1 (2.3-6.8)	3.8 (2.2-6.0)	3.0 (1.7-4.6)	2.3 (1.4-3.6)	1.8 (1.1-2.8)	1.4 (0.8-2.2)
3	7.0 (3.5-12)	6.4 (3.3-10)	5.8 (3.1-9.3)	4.6 (2.4-7.2)	3.5 (1.9-5.7)	2.8 (1.5-4.4)	2.2 (1.2-3.5)
4	11 (5.5-16)	9.8 (5.1-15)	8.9 (5.0-13)	7.0 (3.9-10)	5.4 (3.0-8.0)	4.2 (2.3-6.2)	3.3 (1.8-4.9)
5	16 (9.0-22)	15 (8.3-20)	13 (7.9-18)	10 (6.2-14)	8.2 (4.8-11)	6.3 (3.8-8.7)	4.9 (3.0-6.8)
6	24	22	20	15	12	9.5	7.3

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

Age = 85 years

Number of CRFs	BMI (kg/m²)						
	15	**20**	**25**	**30**	**35**	**40**	**45**
0	1.9	1.7	1.6	1.2	1.0	0.8	0.6
1	3.2 (2.1-5.7)	2.8 (1.8-4.8)	2.6 (1.7-4.1)	2.0 (1.3-3.2)	1.5 (1.0-2.4)	1.2 (0.8-1.9)	0.9 (0.6-1.4)
2	5.3 (2.9-9.5)	4.6 (2.6-8.1)	4.1 (2.4-6.8)	3.2 (1.8-5.3)	2.5 (1.4-4.0)	1.9 (1.1-3.1)	1.5 (0.8-2.4)
3	8.6 (4.3-14)	7.5 (3.8-12)	6.5 (3.4-10)	5.0 (2.6-8.1)	3.9 (2.0-6.3)	3.0 (1.5-4.9)	2.3 (1.2-3.8)
4	13 (6.7-20)	12 (5.9-17)	10 (5.4-15)	7.9 (4.1-12)	6.1 (3.2-9.0)	4.7 (2.5-7.0)	3.6 (1.9-5.4)
5	20 (11-26)	18 (9.7-23)	15 (8.7-21)	12 (6.7-16)	9.4 (5.2-13)	7.3 (4.0-10)	5.6 (3.1-7.7)
6	28	26	23	18	14	11	8.6

Age = 90 years

Number of CRFs	BMI (kg/m²)						
	15	**20**	**25**	**30**	**35**	**40**	**45**
0	1.8	1.6	1.6	1.3	1.0	0.8	0.6
1	3.0 (2.0-5.4)	2.7 (1.8-4.5)	2.5 (1.7-3.9)	2.0 (1.3-3.0)	1.5 (1.0-2.3)	1.2 (0.8-1.8)	1.0 (0.6-1.4)
2	5.1 (2.8-9.0)	4.4 (2.5-7.6)	4.0 (2.3-6.5)	3.1 (1.8-5.0)	2.4 (1.4-3.9)	1.9 (1.1-3.0)	1.5 (0.8-2.3)
3	8.2 (4.2-13)	7.1 (3.6-11)	6.2 (3.3-10)	4.8 (2.5-7.8)	3.7 (2.0-6.0)	2.9 (1.5-4.7)	2.2 (1.2-3.6)
4	13 (6.4-19)	11 (5.7-16)	9.7 (5.2-14)	7.5 (4.0-11)	5.8 (3.1-8.6)	4.5 (2.4-6.7)	3.5 (1.9-5.2)
5	19 (11-25)	17 (9.3-22)	15 (8.4-20)	12 (6.5-16)	9.0 (5.0-12)	6.9 (3.9-9.5)	5.4 (3.0-7.4)
6	27	25	22	17	14	11	8.2