Indonesia - 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/m2), the number of clinical risk factors (CRF) and age. Each table provides a mean estimate and a range, based on the epidemiology of Indonesia. 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	0.3	0.2	0.1	0.1	0.1	0.0	0.0
1	0.5 (0.3-1.0)	0.3 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
2	1.0 (0.5-2.0)	0.6 (0.3-1.2)	0.3 (0.2-0.7)	0.3 (0.1-0.5)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.3)
3	1.8 (0.7-3.5)	1.1 (0.4-2.1)	0.6 (0.3-1.2)	0.5 (0.2-1.0)	0.4 (0.2-0.7)	0.3 (0.1-0.6)	0.2 (0.1-0.4)
4	3.2 (1.3-5.3)	2.0 (0.8-3.2)	1.1 (0.4-1.9)	0.9 (0.3-1.5)	0.7 (0.3-1.1)	0.5 (0.2-0.9)	0.4 (0.2-0.7)
5	5.5 (2.4-7.2)	3.4 (1.5-4.5)	2.0 (0.9-2.7)	1.6 (0.7-2.1)	1.2 (0.5-1.6)	0.9 (0.4-1.3)	0.7 (0.3-1.0)
6	9.3	5.9	3.6	2.8	2.1	1.6	1.3

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

Age = 55 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	0.4	0.3	0.2	0.1	0.1	0.1	0.1
1	0.8 (0.6-1.4)	0.5 (0.3-0.9)	0.3 (0.2-0.5)	0.2 (0.2-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)
2	1.4 (0.8-2.6)	0.9 (0.5-1.7)	0.5 (0.3-1.0)	0.4 (0.2-0.8)	0.3 (0.2-0.6)	0.2 (0.1-0.5)	0.2 (0.1-0.4)
3	2.5 (1.1-4.6)	1.6 (0.7-2.9)	0.9 (0.4-1.8)	0.7 (0.3-1.4)	0.6 (0.3-1.1)	0.4 (0.2-0.8)	0.3 (0.2-0.6)
4	4.3 (2.0-6.9)	2.7 (1.3-4.4)	1.7 (0.8-2.7)	1.3 (0.6-2.1)	1.0 (0.4-1.6)	0.8 (0.3-1.2)	0.6 (0.3-0.9)
5	7.1 (3.6-8.9)	4.7 (2.4-6.0)	2.9 (1.5-3.8)	2.2 (1.1-2.9)	1.7 (0.9-2.2)	1.3 (0.7-1.7)	1.0 (0.5-1.3)
6	11	7.8	4.9	3.8	2.9	2.3	1.7

Age = 60 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	0.7	0.4	0.3	0.2	0.2	0.1	0.1
1	1.2 (0.9-1.9)	0.8 (0.6-1.2)	0.5 (0.3-0.7)	0.4 (0.3-0.6)	0.3 (0.2-0.4)	0.2 (0.2-0.3)	0.2 (0.1-0.3)
2	2.0 (1.1-3.4)	1.3 (0.8-2.3)	0.8 (0.5-1.4)	0.6 (0.4-1.1)	0.5 (0.3-0.9)	0.4 (0.2-0.7)	0.3 (0.2-0.5)
3	3.4 (1.7-5.8)	2.3 (1.2-4.0)	1.4 (0.7-2.5)	1.1 (0.6-2.0)	0.8 (0.4-1.5)	0.6 (0.3-1.1)	0.5 (0.3-0.9)
4	5.5 (2.9-8.6)	3.8 (2.0-6.0)	2.5 (1.3-3.9)	1.9 (1.0-3.0)	1.4 (0.8-2.3)	1.1 (0.6-1.7)	0.8 (0.4-1.3)
5	8.8 (5.1-11)	6.3 (3.6-7.8)	4.1 (2.4-5.2)	3.2 (1.8-4.0)	2.4 (1.4-3.1)	1.9 (1.1-2.4)	1.4 (0.8-1.8)
6	14	10	6.8	5.3	4.0	3.1	2.4

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

Age = 65 years

Number of CRFs	BMI (kg/m²)						
	15	**20**	**25**	**30**	**35**	**40**	**45**
0	1.0	0.7	0.4	0.3	0.2	0.2	0.1
1	1.6 (1.2-2.4)	1.1 (0.9-1.6)	0.7 (0.6-1.0)	0.5 (0.4-0.8)	0.4 (0.3-0.6)	0.3 (0.2-0.5)	0.2 (0.2-0.4)
2	2.6 (1.6-4.2)	1.9 (1.1-2.9)	1.2 (0.8-1.9)	0.9 (0.6-1.5)	0.7 (0.4-1.1)	0.5 (0.3-0.9)	0.4 (0.3-0.7)
3	4.2 (2.4-6.8)	3.0 (1.7-5.0)	2.0 (1.2-3.4)	1.6 (0.9-2.6)	1.2 (0.7-2.0)	0.9 (0.5-1.5)	0.7 (0.4-1.2)
4	6.6 (3.8-10)	4.9 (2.9-7.5)	3.4 (2.0-5.1)	2.6 (1.5-3.9)	2.0 (1.2-3.0)	1.5 (0.9-2.3)	1.1 (0.7-1.8)
5	10 (6.6-13)	7.7 (5.1-9.6)	5.5 (3.6-6.7)	4.2 (2.8-5.1)	3.2 (2.1-3.9)	2.4 (1.6-3.0)	1.9 (1.2-2.3)
6	15	12	8.7	6.7	5.1	3.9	3.0

Age = 70 years

Number of CRFs	BMI (kg/m²)						
	15	**20**	**25**	**30**	**35**	**40**	**45**
0	1.3	1.0	0.6	0.5	0.4	0.3	0.2
1	2.2 (1.6-2.8)	1.7 (1.2-2.0)	1.1 (0.9-1.4)	0.9 (0.6-1.0)	0.7 (0.5-0.8)	0.5 (0.4-0.6)	0.4 (0.3-0.5)
2	3.8 (2.4-5.8)	2.8 (1.8-4.3)	2.0 (1.3-2.9)	1.5 (1.0-2.2)	1.2 (0.7-1.7)	0.9 (0.6-1.3)	0.7 (0.4-1.0)
3	6.2 (3.6-9.8)	4.8 (2.9-7.3)	3.5 (2.2-5.1)	2.6 (1.7-3.9)	2.0 (1.3-3.0)	1.5 (0.9-2.3)	1.2 (0.7-1.7)
4	9.9 (6.2-14)	7.9 (5.0-12)	5.9 (3.8-8.7)	4.5 (2.9-6.7)	3.4 (2.2-5.1)	2.6 (1.7-3.9)	2.0 (1.3-3.0)
5	15 (12-20)	13 (10-17)	9.8 (7.9-13)	7.5 (6.0-9.9)	5.8 (4.6-7.6)	4.4 (3.5-5.8)	3.3 (2.6-4.5)
6	23	20	16	12	9.4	7.2	5.5

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

Age = 75 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	1.7	1.3	0.9	0.7	0.5	0.4	0.3
1	3.2 (2.0-5.7)	2.4 (1.6-4.4)	1.8 (1.2-3.2)	1.3 (0.9-2.4)	1.0 (0.7-1.8)	0.8 (0.5-1.4)	0.6 (0.4-1.0)
2	5.6 (3.0-10)	4.4 (2.4-7.8)	3.2 (1.8-5.6)	2.5 (1.4-4.3)	1.9 (1.0-3.3)	1.4 (0.8-2.5)	1.1 (0.6-1.9)
3	9.5 (4.5-16)	7.7 (3.7-13)	5.8 (2.9-9.7)	4.4 (2.2-7.5)	3.4 (1.6-5.7)	2.6 (1.2-4.4)	1.9 (0.9-3.3)
4	15 (7.7-23)	13 (6.4-19)	10 (5.0-15)	7.7 (3.8-12)	5.9 (2.9-9.3)	4.5 (2.2-7.1)	3.4 (1.6-5.4)
5	24 (13-31)	20 (11-27)	16 (8.9-22)	13 (6.8-17)	9.9 (5.1-14)	7.6 (3.9-11)	5.8 (2.9-8.1)
6	34	30	26	20	16	13	9.6

Age = 80 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	2.0	1.6	1.2	0.9	0.7	0.5	0.4
1	3.6 (2.3-6.6)	2.9 (1.9-5.3)	2.2 (1.5-4.0)	1.6 (1.1-3.0)	1.2 (0.8-2.3)	0.9 (0.6-1.7)	0.7 (0.5-1.3)
2	6.1 (3.4-11)	5.0 (2.8-9.1)	3.9 (2.2-6.9)	2.9 (1.7-5.3)	2.2 (1.3-4.0)	1.7 (0.9-3.0)	1.3 (0.7-2.3)
3	10 (5.1-16)	8.3 (4.2-14)	6.6 (3.4-11)	5.0 (2.6-8.3)	3.8 (1.9-6.3)	2.9 (1.5-4.8)	2.2 (1.1-3.6)
4	16 (7.7-23)	13 (6.5-19)	11 (5.3-16)	8.4 (4.0-12)	6.4 (3.0-9.5)	4.9 (2.3-7.3)	3.7 (1.7-5.5)
5	24 (13-30)	20 (11-27)	17 (9.0-23)	13 (6.9-18)	10 (5.2-14)	7.9 (3.9-11)	6.0 (2.9-8.2)
6	33	30	26	21	16	13	9.6

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

Age = 85 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	2.3	1.8	1.4	1.1	0.8	0.6	0.5
1	4.0 (2.6-7.5)	3.3 (2.2-6.2)	2.6 (1.7-4.9)	2.0 (1.3-3.7)	1.5 (1.0-2.8)	1.1 (0.7-2.1)	0.8 (0.5-1.6)
2	6.9 (3.8-13)	5.7 (3.2-10)	4.6 (2.6-8.4)	3.5 (2.0-6.4)	2.6 (1.5-4.8)	2.0 (1.1-3.7)	1.5 (0.8-2.8)
3	11 (5.7-18)	9.4 (4.8-15)	7.7 (4.0-13)	5.9 (3.0-9.6)	4.5 (2.2-7.4)	3.4 (1.7-5.6)	2.5 (1.2-4.2)
4	17 (8.6-25)	15 (7.3-22)	12 (6.0-18)	9.6 (4.6-14)	7.4 (3.4-11)	5.6 (2.6-8.4)	4.2 (1.9-6.4)
5	26 (14-33)	22 (12-29)	19 (10-25)	15 (7.8-20)	12 (5.9-16)	9.0 (4.5-12)	6.9 (3.4-9.4)
6	36	32	28	23	18	14	11

Age = 90 years

Number of CRFs	BMI (kg/m²)						
	15	20	25	30	35	40	45
0	2.6	2.1	1.7	1.3	0.9	0.7	0.5
1	4.7 (3.0-8.6)	3.8 (2.5-7.1)	3.1 (2.0-5.7)	2.3 (1.5-4.3)	1.7 (1.1-3.2)	1.3 (0.8-2.4)	1.0 (0.6-1.8)
2	7.9 (4.4-14)	6.6 (3.7-12)	5.3 (3.0-9.6)	4.0 (2.3-7.4)	3.0 (1.7-5.6)	2.3 (1.3-4.2)	1.7 (0.9-3.2)
3	13 (6.6-20)	11 (5.5-17)	8.9 (4.6-14)	6.8 (3.4-11)	5.2 (2.6-8.5)	3.9 (1.9-6.5)	2.9 (1.4-4.9)
4	19 (9.9-28)	17 (8.3-24)	14 (6.9-20)	11 (5.2-16)	8.4 (4.0-12)	6.4 (3.0-9.6)	4.9 (2.2-7.3)
5	28 (16-36)	25 (14-32)	22 (12-28)	17 (8.9-23)	13 (6.8-18)	10 (5.1-14)	7.9 (3.9-11)
6	38	35	31	25	20	16	12