

Indonesia - 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 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/m ²)						
	15	20	25	30	35	40	45
0	0.5	0.3	0.1	0.1	0.1	0.1	0.1
1	1.0 (0.6-1.9)	0.5 (0.3-1.0)	0.3 (0.2-0.6)	0.2 (0.1-0.4)	0.2 (0.1-0.3)	0.1 (0.1-0.3)	0.1 (0.1-0.2)
2	1.9 (0.9-4.0)	1.0 (0.5-2.2)	0.6 (0.3-1.2)	0.4 (0.2-0.9)	0.3 (0.2-0.7)	0.3 (0.1-0.6)	0.2 (0.1-0.4)
3	3.6 (1.4-7.0)	2.0 (0.8-3.9)	1.1 (0.4-2.1)	0.8 (0.3-1.6)	0.6 (0.3-1.3)	0.5 (0.2-1.0)	0.4 (0.2-0.8)
4	6.5 (2.5-10)	3.6 (1.4-5.9)	2.0 (0.8-3.2)	1.5 (0.6-2.5)	1.2 (0.5-1.9)	0.9 (0.4-1.5)	0.7 (0.3-1.2)
5	11 (5.3-15)	6.4 (2.9-8.6)	3.5 (1.6-4.8)	2.8 (1.2-3.7)	2.1 (1.0-2.9)	1.7 (0.8-2.3)	1.3 (0.6-1.8)
6	19	11	6.2	4.9	3.8	3.0	2.3

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

Age = 55 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	0.8	0.5	0.3	0.2	0.2	0.1	0.1
1	1.6 (1.1-2.8)	0.9 (0.6-1.5)	0.5 (0.3-0.8)	0.4 (0.3-0.7)	0.3 (0.2-0.5)	0.2 (0.2-0.4)	0.2 (0.1-0.3)
2	3.0 (1.6-5.7)	1.6 (0.9-3.2)	0.9 (0.5-1.8)	0.7 (0.4-1.4)	0.5 (0.3-1.1)	0.4 (0.2-0.8)	0.3 (0.2-0.6)
3	5.4 (2.4-9.9)	3.0 (1.4-5.6)	1.7 (0.7-3.1)	1.3 (0.6-2.4)	1.0 (0.4-1.9)	0.8 (0.3-1.5)	0.6 (0.3-1.1)
4	9.4 (4.3-15)	5.4 (2.4-8.5)	3.0 (1.3-4.7)	2.3 (1.0-3.7)	1.8 (0.8-2.9)	1.4 (0.6-2.2)	1.1 (0.5-1.7)
5	16 (8.6-21)	9.4 (4.9-12)	5.3 (2.8-7.0)	4.1 (2.1-5.5)	3.2 (1.7-4.3)	2.5 (1.3-3.3)	1.9 (1.0-2.6)
6	26	16	9.1	7.1	5.6	4.3	3.4

Age = 60 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	1.4	0.8	0.5	0.4	0.3	0.2	0.2
1	2.6 (1.9-4.1)	1.5 (1.1-2.3)	0.8 (0.6-1.3)	0.6 (0.5-1.0)	0.5 (0.4-0.8)	0.4 (0.3-0.6)	0.3 (0.2-0.5)
2	4.7 (2.7-8.2)	2.7 (1.6-4.8)	1.5 (0.9-2.7)	1.2 (0.7-2.1)	0.9 (0.5-1.6)	0.7 (0.4-1.3)	0.5 (0.3-1.0)
3	8.1 (4.1-14)	4.7 (2.4-8.3)	2.7 (1.3-4.8)	2.1 (1.0-3.7)	1.6 (0.8-2.9)	1.2 (0.6-2.2)	1.0 (0.5-1.7)
4	14 (7.2-21)	8.2 (4.2-12)	4.7 (2.3-7.2)	3.6 (1.8-5.6)	2.8 (1.4-4.4)	2.2 (1.1-3.4)	1.7 (0.9-2.6)
5	22 (14-28)	14 (8.4-17)	8.0 (4.8-10)	6.3 (3.8-8.1)	4.9 (2.9-6.4)	3.8 (2.3-4.9)	2.9 (1.8-3.8)
6	34	22	13	11	8.3	6.4	5.0

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

Age = 65 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	2.3	1.4	0.8	0.6	0.5	0.4	0.3
1	4.0 (3.0-5.6)	2.4 (1.8-3.3)	1.3 (1.0-1.9)	1.0 (0.8-1.5)	0.8 (0.6-1.1)	0.6 (0.5-0.9)	0.5 (0.4-0.7)
2	6.7 (4.2-11)	4.1 (2.5-6.6)	2.4 (1.5-3.9)	1.8 (1.1-3.0)	1.4 (0.9-2.3)	1.1 (0.7-1.8)	0.8 (0.5-1.4)
3	11 (6.4-18)	6.9 (3.9-11)	4.0 (2.2-6.7)	3.1 (1.7-5.2)	2.4 (1.3-4.1)	1.9 (1.0-3.2)	1.4 (0.8-2.4)
4	18 (11-26)	11 (6.7-17)	6.8 (3.9-10)	5.3 (3.0-7.9)	4.1 (2.4-6.1)	3.2 (1.8-4.8)	2.5 (1.4-3.7)
5	27 (19-32)	18 (13-22)	11 (7.8-14)	8.8 (6.1-11)	6.9 (4.7-8.7)	5.3 (3.6-6.8)	4.1 (2.8-5.3)
6	40	28	18	14	11	8.8	6.8

Age = 70 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	3.4	2.1	1.2	1.0	0.7	0.6	0.4
1	5.9 (4.5-7.0)	3.7 (2.9-4.4)	2.3 (1.8-2.6)	1.7 (1.4-2.0)	1.3 (1.0-1.6)	1.0 (0.8-1.2)	0.8 (0.6-0.9)
2	10 (6.7-14)	6.6 (4.4-9.2)	4.1 (2.7-5.5)	3.1 (2.1-4.3)	2.4 (1.6-3.3)	1.9 (1.2-2.6)	1.4 (0.9-2.0)
3	17 (11-24)	11 (7.6-17)	7.2 (4.7-11)	5.6 (3.6-8.3)	4.3 (2.8-6.4)	3.3 (2.2-5.0)	2.6 (1.7-3.8)
4	27 (19-36)	19 (13-27)	13 (8.9-18)	9.8 (6.9-14)	7.6 (5.3-11)	5.9 (4.1-8.6)	4.6 (3.2-6.7)
5	39 (34-47)	30 (26-37)	21 (18-26)	17 (14-21)	13 (11-16)	10 (8.5-13)	7.9 (6.6-10)
6	53	45	33	27	22	17	13

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

Age = 75 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	4.3	2.9	1.8	1.4	1.1	0.8	0.6
1	8.1 (5.5-14)	5.5 (3.9-9.7)	3.5 (2.5-6.2)	2.7 (1.9-4.8)	2.1 (1.5-3.7)	1.6 (1.1-2.8)	1.2 (0.9-2.2)
2	14 (8.3-24)	10 (5.8-17)	6.7 (3.8-11)	5.2 (2.9-8.8)	4.0 (2.2-6.8)	3.1 (1.7-5.2)	2.4 (1.3-4.0)
3	23 (13-36)	18 (9.8-27)	12 (6.6-19)	9.4 (5.1-15)	7.3 (3.9-12)	5.7 (3.0-9.3)	4.4 (2.3-7.2)
4	35 (21-48)	29 (16-41)	21 (12-31)	17 (9.0-25)	13 (7.0-20)	10 (5.4-16)	7.8 (4.1-12)
5	49 (33-59)	42 (27-52)	34 (20-42)	27 (16-35)	22 (12-28)	17 (9.5-23)	14 (7.3-18)
6	62	57	50	42	35	28	22

Age = 80 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	4.9	3.5	2.3	1.8	1.4	1.0	0.8
1	8.7 (6.0-16)	6.4 (4.5-12)	4.4 (3.1-7.9)	3.4 (2.4-6.1)	2.6 (1.8-4.7)	2.0 (1.4-3.6)	1.5 (1.0-2.7)
2	15 (8.9-25)	11 (6.7-19)	7.9 (4.7-14)	6.1 (3.6-11)	4.7 (2.8-8.1)	3.6 (2.1-6.3)	2.8 (1.6-4.8)
3	23 (13-34)	18 (10-29)	14 (7.2-22)	11 (5.5-18)	8.3 (4.2-14)	6.4 (3.2-11)	4.9 (2.5-8.2)
4	33 (19-45)	28 (16-39)	22 (12-31)	18 (9.3-25)	14 (7.1-20)	11 (5.5-16)	8.4 (4.1-12)
5	46 (29-55)	41 (25-50)	34 (20-42)	28 (16-35)	22 (12-28)	18 (9.3-23)	14 (7.2-18)
6	58	54	48	40	33	27	22

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

Age = 85 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	5.1	4.0	2.8	2.2	1.6	1.2	0.9
1	9.0 (6.1-16)	7.1 (4.8-13)	5.2 (3.6-9.5)	4.0 (2.7-7.3)	3.0 (2.1-5.6)	2.3 (1.6-4.3)	1.8 (1.2-3.2)
2	15 (8.8-25)	12 (7.2-21)	9.2 (5.4-16)	7.1 (4.1-12)	5.4 (3.1-9.6)	4.1 (2.4-7.3)	3.1 (1.8-5.6)
3	23 (13-35)	19 (11-29)	15 (8.3-24)	12 (6.4-19)	9.3 (4.8-15)	7.1 (3.7-12)	5.4 (2.8-9.0)
4	33 (19-44)	29 (16-39)	24 (13-34)	19 (9.9-27)	15 (7.6-22)	12 (5.8-17)	9.1 (4.4-13)
5	45 (29-53)	40 (25-49)	35 (21-44)	29 (16-37)	23 (13-30)	19 (9.8-24)	15 (7.5-19)
6	56	53	48	41	34	28	22

Age = 90 years

Number of CRFs	BMI (kg/m ²)						
	15	20	25	30	35	40	45
0	5.2	4.1	3.1	2.3	1.8	1.3	1.0
1	9.0 (6.0-16)	7.3 (4.9-13)	5.6 (3.8-10)	4.2 (2.9-7.8)	3.2 (2.2-5.9)	2.4 (1.6-4.5)	1.8 (1.2-3.4)
2	15 (8.8-25)	12 (7.3-21)	9.6 (5.7-17)	7.4 (4.3-13)	5.7 (3.3-10)	4.3 (2.5-7.8)	3.3 (1.9-5.9)
3	23 (13-34)	19 (11-30)	16 (8.6-25)	12 (6.6-20)	9.6 (5.0-15)	7.3 (3.8-12)	5.6 (2.9-9.1)
4	33 (18-44)	29 (16-39)	24 (13-34)	20 (10-28)	15 (7.7-22)	12 (5.8-17)	9.2 (4.4-14)
5	44 (28-53)	40 (25-49)	35 (21-44)	29 (16-37)	24 (13-30)	19 (9.9-24)	15 (7.5-19)
6	55	52	48	41	34	28	22