**Hong Kong - 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 Hong Kong. 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 | 0.6 (0.4-1.2) | 0.3 (0.2-0.7) | 0.2 (0.1-0.4) | 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 | 1.2 (0.6-2.6) | 0.7 (0.3-1.4) | 0.3 (0.2-0.8) | 0.3 (0.1-0.6) | 0.2 (0.1-0.5) | 0.2 (0.1-0.4) | 0.1 (0.1-0.3) |
| 3 | 2.3 (0.9-4.5) | 1.2 (0.5-2.5) | 0.7 (0.3-1.3) | 0.5 (0.2-1.0) | 0.4 (0.2-0.8) | 0.3 (0.1-0.6) | 0.2 (0.1-0.5) |
| 4 | 4.2 (1.6-6.8) | 2.3 (0.9-3.7) | 1.2 (0.5-2.0) | 1.0 (0.4-1.6) | 0.7 (0.3-1.2) | 0.6 (0.2-1.0) | 0.5 (0.2-0.7) |
| 5 | 7.5 (3.5-10) | 4.1 (1.9-5.6) | 2.2 (1.0-3.0) | 1.7 (0.8-2.4) | 1.4 (0.6-1.8) | 1.1 (0.5-1.4) | 0.8 (0.4-1.1) |
| 6 | 13 | 7.3 | 4.0 | 3.1 | 2.4 | 1.9 | 1.5 |

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

**Age = 55 years**

| Number of CRFs | BMI (kg/m²) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 0.8 | 0.4 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 |
| 1 | 1.5 (1.0-2.7) | 0.8 (0.6-1.4) | 0.4 (0.3-0.8) | 0.3 (0.2-0.6) | 0.3 (0.2-0.5) | 0.2 (0.1-0.4) | 0.2 (0.1-0.3) |
| 2 | 2.8 (1.5-5.6) | 1.5 (0.8-3.1) | 0.8 (0.5-1.7) | 0.6 (0.4-1.3) | 0.5 (0.3-1.0) | 0.4 (0.2-0.8) | 0.3 (0.2-0.6) |
| 3 | 5.2 (2.4-9.7) | 2.8 (1.3-5.4) | 1.5 (0.7-2.9) | 1.2 (0.5-2.3) | 0.9 (0.4-1.8) | 0.7 (0.3-1.4) | 0.6 (0.3-1.1) |
| 4 | 9.2 (4.1-14) | 5.1 (2.2-8.1) | 2.8 (1.2-4.4) | 2.2 (0.9-3.5) | 1.7 (0.7-2.7) | 1.3 (0.6-2.1) | 1.0 (0.4-1.6) |
| 5 | 16 (8.6-21) | 9.0 (4.8-12) | 4.9 (2.6-6.6) | 3.9 (2.0-5.2) | 3.0 (1.6-4.0) | 2.3 (1.2-3.1) | 1.8 (1.0-2.4) |
| 6 | 26 | 15 | 8.6 | 6.7 | 5.3 | 4.1 | 3.2 |

**Age = 60 years**

| Number of CRFs | BMI (kg/m²) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 1.8 | 1.0 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 |
| 1 | 3.3 (2.4-5.2) | 1.8 (1.3-2.9) | 1.0 (0.7-1.6) | 0.8 (0.5-1.2) | 0.6 (0.4-0.9) | 0.5 (0.3-0.7) | 0.4 (0.3-0.6) |
| 2 | 6.0 (3.5-11) | 3.3 (1.9-6.0) | 1.8 (1.1-3.3) | 1.4 (0.8-2.6) | 1.1 (0.6-2.0) | 0.8 (0.5-1.6) | 0.7 (0.4-1.2) |
| 3 | 11 (5.4-18) | 5.9 (3.0-10) | 3.2 (1.6-5.8) | 2.5 (1.3-4.5) | 2.0 (1.0-3.5) | 1.5 (0.8-2.7) | 1.2 (0.6-2.1) |
| 4 | 18 (9.3-26) | 10 (5.2-15) | 5.7 (2.8-8.7) | 4.5 (2.2-6.8) | 3.5 (1.7-5.3) | 2.7 (1.3-4.2) | 2.1 (1.0-3.2) |
| 5 | 29 (19-36) | 17 (11-22) | 9.8 (6.0-13) | 7.7 (4.7-10) | 6.0 (3.6-7.9) | 4.7 (2.8-6.2) | 3.7 (2.2-4.8) |
| 6 | 44 | 28 | 16 | 13 | 10 | 8.0 | 6.3 |

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

**Age = 65 years**

| Number of CRFs | BMI (kg/m²) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 3.9 | 2.2 | 1.2 | 0.9 | 0.7 | 0.6 | 0.4 |
| 1 | 6.8 (5.1-9.5) | 3.8 (2.8-5.3) | 2.1 (1.6-2.9) | 1.6 (1.2-2.3) | 1.3 (0.9-1.8) | 1.0 (0.7-1.4) | 0.8 (0.6-1.1) |
| 2 | 12 (7.5-19) | 6.6 (4.2-11) | 3.7 (2.3-6.1) | 2.9 (1.8-4.8) | 2.2 (1.4-3.7) | 1.7 (1.1-2.9) | 1.3 (0.8-2.3) |
| 3 | 19 (11-30) | 11 (6.3-18) | 6.4 (3.5-11) | 5.0 (2.7-8.3) | 3.9 (2.1-6.5) | 3.0 (1.7-5.1) | 2.3 (1.3-4.0) |
| 4 | 30 (19-42) | 19 (11-27) | 11 (6.1-16) | 8.5 (4.8-12) | 6.6 (3.7-9.8) | 5.2 (2.9-7.7) | 4.0 (2.3-6.0) |
| 5 | 46 (35-54) | 30 (21-37) | 18 (13-22) | 14 (9.9-18) | 11 (7.8-14) | 8.7 (6.1-11) | 6.8 (4.7-8.8) |
| 6 | 63 | 45 | 28 | 23 | 18 | 14 | 11 |

**Age = 70 years**

| Number of CRFs | BMI (kg/m²) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 8.3 | 4.8 | 2.7 | 2.1 | 1.6 | 1.2 | 1.0 |
| 1 | 15 (12-17) | 8.6 (6.9-9.9) | 4.9 (3.9-5.6) | 3.8 (3.0-4.4) | 3.0 (2.4-3.4) | 2.3 (1.8-2.6) | 1.8 (1.4-2.1) |
| 2 | 25 (17-32) | 15 (10-20) | 8.8 (5.9-12) | 6.9 (4.6-9.1) | 5.4 (3.6-7.1) | 4.2 (2.8-5.6) | 3.3 (2.2-4.3) |
| 3 | 40 (28-53) | 26 (18-36) | 16 (10-23) | 12 (8.0-18) | 9.7 (6.3-14) | 7.6 (4.9-11) | 5.9 (3.8-8.8) |
| 4 | 58 (47-71) | 41 (32-54) | 27 (20-36) | 21 (16-30) | 17 (13-24) | 13 (9.9-19) | 11 (7.7-15) |
| 5 | 75 (70-81) | 60 (55-68) | 42 (38-49) | 35 (31-41) | 28 (25-34) | 23 (20-27) | 18 (16-22) |
| 6 | 85 | 78 | 62 | 53 | 45 | 37 | 30 |

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

**Age = 75 years**

| Number of CRFs | BMI (kg/m²) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 14 | 8.8 | 5.1 | 4.0 | 3.1 | 2.4 | 1.8 |
| 1 | 26 (19-41) | 17 (12-27) | 9.9 (7.3-17) | 7.8 (5.7-13) | 6.1 (4.4-10) | 4.7 (3.4-8.1) | 3.7 (2.7-6.3) |
| 2 | 42 (28-60) | 29 (18-45) | 18 (11-31) | 15 (8.6-25) | 12 (6.7-20) | 9.0 (5.2-16) | 7.1 (4.0-12) |
| 3 | 59 (42-76) | 46 (29-64) | 32 (19-48) | 26 (15-40) | 21 (12-33) | 17 (9.0-27) | 13 (7.0-21) |
| 4 | 75 (60-85) | 65 (46-79) | 50 (31-67) | 42 (25-58) | 35 (20-50) | 29 (16-41) | 23 (12-34) |
| 5 | 84 (75-89) | 80 (66-87) | 70 (51-79) | 62 (43-72) | 54 (35-63) | 46 (29-55) | 38 (23-46) |
| 6 | 89 | 88 | 85 | 80 | 73 | 65 | 57 |

**Age = 80 years**

| Number of CRFs | BMI (kg/m²) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 20 | 13 | 8.5 | 6.6 | 5.1 | 3.9 | 3.0 |
| 1 | 32 (25-50) | 24 (18-38) | 16 (12-26) | 12 (9.1-21) | 9.6 (7.1-17) | 7.5 (5.5-13) | 5.8 (4.2-10) |
| 2 | 47 (34-65) | 37 (25-55) | 27 (17-43) | 21 (13-35) | 17 (11-29) | 13 (8.2-23) | 11 (6.3-18) |
| 3 | 61 (46-75) | 53 (36-70) | 42 (25-60) | 35 (20-52) | 28 (16-44) | 23 (12-36) | 18 (9.7-29) |
| 4 | 73 (58-82) | 68 (51-79) | 59 (39-72) | 51 (32-65) | 43 (26-57) | 36 (21-49) | 30 (16-41) |
| 5 | 81 (71-85) | 79 (66-84) | 74 (57-81) | 67 (49-76) | 60 (41-69) | 52 (34-61) | 44 (27-53) |
| 6 | 85 | 86 | 84 | 80 | 75 | 68 | 61 |

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

**Age = 85 years**

| Number of CRFs | BMI (kg/m²) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 20 | 15 | 9.7 | 7.5 | 5.8 | 4.5 | 3.4 |
| 1 | 32 (25-50) | 25 (18-40) | 17 (13-29) | 14 (10-23) | 11 (7.8-19) | 8.3 (6.0-15) | 6.4 (4.6-11) |
| 2 | 47 (34-65) | 38 (26-56) | 29 (19-45) | 23 (15-37) | 19 (12-30) | 15 (8.9-24) | 11 (6.9-19) |
| 3 | 60 (45-74) | 53 (37-69) | 44 (27-61) | 37 (22-53) | 30 (17-45) | 24 (13-38) | 19 (10-31) |
| 4 | 72 (57-80) | 67 (50-78) | 60 (41-73) | 52 (34-66) | 45 (28-58) | 37 (22-50) | 31 (17-42) |
| 5 | 78 (70-81) | 77 (65-82) | 73 (57-80) | 67 (49-75) | 60 (42-69) | 53 (34-62) | 45 (28-54) |
| 6 | 79 | 82 | 82 | 79 | 74 | 68 | 61 |

**Age = 90 years**

| Number of CRFs | BMI (kg/m²) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 13 | 10 | 7.2 | 5.5 | 4.2 | 3.2 | 2.4 |
| 1 | 22 (16-36) | 17 (12-29) | 13 (9.2-22) | 10 (7.0-18) | 7.7 (5.4-14) | 5.9 (4.1-11) | 4.5 (3.1-8.2) |
| 2 | 34 (23-50) | 28 (18-43) | 21 (14-35) | 17 (10-28) | 13 (8.1-22) | 10 (6.2-18) | 8.0 (4.7-14) |
| 3 | 46 (32-61) | 40 (26-55) | 33 (20-48) | 27 (16-41) | 22 (12-34) | 17 (9.4-27) | 14 (7.2-22) |
| 4 | 58 (42-70) | 54 (36-65) | 47 (30-60) | 40 (24-52) | 33 (19-45) | 27 (15-37) | 22 (11-31) |
| 5 | 67 (55-73) | 66 (50-73) | 61 (44-70) | 54 (36-63) | 47 (30-56) | 40 (24-48) | 33 (19-41) |
| 6 | 71 | 74 | 72 | 67 | 61 | 54 | 46 |