**South Africa (Coloured) - 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 South Africa (Coloured). 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 | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 1 | 0.9 (0.6-1.7) | 0.5 (0.3-0.9) | 0.3 (0.2-0.5) | 0.2 (0.1-0.4) | 0.2 (0.1-0.3) | 0.1 (0.1-0.2) | 0.1 (0.1-0.2) |
| 2 | 1.7 (0.8-3.5) | 0.9 (0.5-2.0) | 0.5 (0.3-1.1) | 0.4 (0.2-0.8) | 0.3 (0.2-0.7) | 0.2 (0.1-0.5) | 0.2 (0.1-0.4) |
| 3 | 3.1 (1.3-6.2) | 1.7 (0.7-3.5) | 1.0 (0.4-1.9) | 0.7 (0.3-1.5) | 0.6 (0.2-1.2) | 0.4 (0.2-0.9) | 0.3 (0.1-0.7) |
| 4 | 5.7 (2.2-9.3) | 3.2 (1.2-5.2) | 1.8 (0.7-2.9) | 1.4 (0.5-2.3) | 1.1 (0.4-1.8) | 0.8 (0.3-1.4) | 0.6 (0.2-1.1) |
| 5 | 10.0 (4.6-13) | 5.7 (2.6-7.7) | 3.2 (1.4-4.3) | 2.5 (1.1-3.3) | 1.9 (0.9-2.6) | 1.5 (0.7-2.0) | 1.2 (0.5-1.6) |
| 6 | 17 | 9.9 | 5.6 | 4.4 | 3.4 | 2.6 | 2.1 |

**Age = 55 years**

| Number of CRFs | BMI kg/m² | | | | | | |
|---|---|---|---|---|---|---|---|
| | 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 | 2.9 (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 (0.2-0.7) |
| 3 | 5.3 (2.4-9.8) | 3.0 (1.4-5.6) | 1.7 (0.7-3.1) | 1.3 (0.6-2.4) | 1.0 (0.5-1.9) | 0.8 (0.4-1.5) | 0.6 (0.3-1.1) |
| 4 | 9.2 (4.2-14) | 5.3 (2.4-8.5) | 3.0 (1.3-4.8) | 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 (8.4-20) | 9.3 (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 |

**Ten years probability of hip fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in women from South Africa (Coloured).**

### Age = 60 years

| Number of CRFs | BMI kg/m² | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 1.6 | 0.9 | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 |
| 1 | 2.8 (2.0-4.5) | 1.6 (1.2-2.5) | 0.9 (0.6-1.4) | 0.7 (0.5-1.1) | 0.5 (0.4-0.9) | 0.4 (0.3-0.7) | 0.3 (0.2-0.5) |
| 2 | 5.0 (2.9-8.8) | 2.9 (1.7-5.2) | 1.6 (0.9-2.9) | 1.3 (0.7-2.3) | 1.0 (0.6-1.8) | 0.8 (0.4-1.4) | 0.6 (0.3-1.1) |
| 3 | 8.7 (4.4-15) | 5.1 (2.6-9.0) | 2.9 (1.4-5.2) | 2.2 (1.1-4.0) | 1.7 (0.9-3.1) | 1.3 (0.7-2.4) | 1.0 (0.5-1.9) |
| 4 | 14 (7.7-22) | 8.8 (4.5-13) | 5.1 (2.5-7.8) | 3.9 (2.0-6.1) | 3.1 (1.5-4.7) | 2.4 (1.2-3.7) | 1.8 (0.9-2.8) |
| 5 | 23 (15-29) | 15 (9.0-19) | 8.6 (5.2-11) | 6.7 (4.1-8.8) | 5.3 (3.1-6.8) | 4.1 (2.4-5.3) | 3.2 (1.9-4.1) |
| 6 | 36 | 24 | 14 | 11 | 8.9 | 6.9 | 5.4 |

### Age = 65 years

| Number of CRFs | BMI kg/m² | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 2.6 | 1.5 | 0.9 | 0.7 | 0.5 | 0.4 | 0.3 |
| 1 | 4.6 (3.5-6.4) | 2.7 (2.0-3.8) | 1.5 (1.1-2.1) | 1.2 (0.9-1.7) | 0.9 (0.7-1.3) | 0.7 (0.5-1.0) | 0.5 (0.4-0.8) |
| 2 | 7.7 (4.9-12) | 4.6 (2.9-7.5) | 2.7 (1.7-4.4) | 2.1 (1.3-3.4) | 1.6 (1.0-2.6) | 1.2 (0.8-2.0) | 1.0 (0.6-1.6) |
| 3 | 13 (7.3-20) | 7.8 (4.4-13) | 4.6 (2.5-7.6) | 3.5 (2.0-5.9) | 2.7 (1.5-4.6) | 2.1 (1.2-3.6) | 1.6 (0.9-2.8) |
| 4 | 20 (13-29) | 13 (7.6-19) | 7.7 (4.4-11) | 6.0 (3.4-8.9) | 4.7 (2.7-6.9) | 3.6 (2.1-5.4) | 2.8 (1.6-4.2) |
| 5 | 31 (22-37) | 21 (15-25) | 13 (8.8-16) | 10.0 (6.9-13) | 7.8 (5.4-9.9) | 6.1 (4.2-7.7) | 4.7 (3.2-6.0) |
| 6 | 44 | 32 | 20 | 16 | 13 | 10.0 | 7.8 |

**Ten years probability of hip fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in women from South Africa (Coloured).**

### Age = 70 years

| Number of CRFs | BMI kg/m² | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 3.9 | 2.3 | 1.4 | 1.0 | 0.8 | 0.6 | 0.5 |
| 1 | 7.0 (5.4-8.2) | 4.2 (3.3-5.0) | 2.5 (2.0-2.9) | 1.9 (1.5-2.2) | 1.5 (1.2-1.7) | 1.1 (0.9-1.3) | 0.9 (0.7-1.0) |
| 2 | 12 (8.1-17) | 7.6 (5.0-10) | 4.5 (3.0-6.0) | 3.5 (2.3-4.7) | 2.7 (1.8-3.7) | 2.1 (1.4-2.8) | 1.6 (1.1-2.2) |
| 3 | 20 (14-28) | 13 (8.7-19) | 8.0 (5.2-12) | 6.3 (4.0-9.3) | 4.9 (3.1-7.2) | 3.8 (2.4-5.6) | 2.9 (1.9-4.4) |
| 4 | 32 (23-43) | 22 (16-31) | 14 (10-20) | 11 (7.9-16) | 8.6 (6.1-12) | 6.7 (4.7-9.7) | 5.2 (3.7-7.6) |
| 5 | 46 (41-55) | 35 (30-42) | 24 (20-29) | 19 (16-23) | 15 (13-18) | 12 (9.8-14) | 9.1 (7.6-11) |
| 6 | 61 | 51 | 37 | 31 | 25 | 20 | 16 |

### Age = 75 years

| Number of CRFs | BMI kg/m² | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 5.5 | 3.4 | 2.0 | 1.6 | 1.2 | 0.9 | 0.7 |
| 1 | 10 (7.2-18) | 6.6 (4.7-11) | 4.0 (2.9-7.0) | 3.1 (2.2-5.4) | 2.4 (1.7-4.2) | 1.9 (1.3-3.2) | 1.4 (1.0-2.5) |
| 2 | 18 (11-29) | 12 (7.1-20) | 7.7 (4.4-13) | 6.0 (3.4-10) | 4.6 (2.6-8.1) | 3.6 (2.0-6.3) | 2.8 (1.6-4.8) |
| 3 | 30 (17-44) | 21 (12-33) | 14 (7.6-23) | 11 (5.9-18) | 8.6 (4.6-14) | 6.7 (3.5-11) | 5.2 (2.7-8.6) |
| 4 | 44 (28-58) | 35 (21-48) | 24 (13-36) | 19 (11-29) | 15 (8.2-23) | 12 (6.4-19) | 9.5 (4.9-15) |
| 5 | 59 (42-68) | 51 (33-61) | 39 (24-48) | 32 (19-40) | 26 (15-33) | 21 (12-27) | 17 (9.1-21) |
| 6 | 71 | 67 | 57 | 49 | 41 | 34 | 27 |

**Ten years probability of hip fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in women from South Africa (Coloured).**

### Age = 80 years

| Number of CRFs | BMI kg/m² | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 7.3 | 4.9 | 3.0 | 2.3 | 1.8 | 1.4 | 1.1 |
| 1 | 13 (9.3-23) | 9.0 (6.5-16) | 5.8 (4.2-10) | 4.5 (3.2-7.9) | 3.4 (2.5-6.1) | 2.6 (1.9-4.7) | 2.0 (1.5-3.7) |
| 2 | 22 (14-35) | 16 (9.7-26) | 10 (6.3-18) | 8.2 (4.9-14) | 6.3 (3.8-11) | 4.9 (2.9-8.7) | 3.8 (2.2-6.7) |
| 3 | 33 (20-47) | 26 (15-39) | 18 (9.7-29) | 14 (7.5-24) | 11 (5.8-19) | 8.8 (4.5-15) | 6.8 (3.4-12) |
| 4 | 46 (29-58) | 39 (23-51) | 29 (16-41) | 24 (13-34) | 19 (10.0-27) | 15 (7.7-22) | 12 (6.0-17) |
| 5 | 59 (42-67) | 53 (36-62) | 44 (27-53) | 37 (22-45) | 30 (17-37) | 24 (14-31) | 19 (11-25) |
| 6 | 70 | 66 | 60 | 53 | 45 | 37 | 31 |

### Age = 85 years

| Number of CRFs | BMI kg/m² | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 9.5 | 6.8 | 4.5 | 3.4 | 2.6 | 2.0 | 1.5 |
| 1 | 16 (11-28) | 12 (8.7-21) | 8.3 (6.0-15) | 6.4 (4.6-11) | 5.0 (3.5-8.9) | 3.8 (2.7-6.9) | 2.9 (2.1-5.3) |
| 2 | 26 (17-41) | 20 (13-33) | 15 (9.0-24) | 11 (6.9-19) | 8.9 (5.3-15) | 6.9 (4.1-12) | 5.3 (3.1-9.2) |
| 3 | 37 (23-52) | 31 (19-45) | 24 (14-37) | 19 (11-31) | 15 (8.1-25) | 12 (6.3-20) | 9.3 (4.8-15) |
| 4 | 49 (32-62) | 44 (28-56) | 37 (22-49) | 30 (17-42) | 25 (14-34) | 20 (10-28) | 16 (8.1-22) |
| 5 | 61 (45-69) | 57 (40-66) | 51 (34-61) | 44 (27-53) | 37 (22-45) | 30 (17-38) | 25 (14-31) |
| 6 | 71 | 68 | 65 | 58 | 51 | 44 | 36 |

**Ten years probability of hip fractures (%) according to BMI, the number of clinical risk factors (CRF) and age in women from South Africa (Coloured).**

 Age = 90 years

| Number of CRFs | BMI kg/m² | | | | | | |
|---|---|---|---|---|---|---|---|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 12 | 8.8 | 6.1 | 4.7 | 3.6 | 2.8 | 2.1 |
| 1 | 19 (14-32) | 15 (11-26) | 11 (8.0-19) | 8.6 (6.1-15) | 6.6 (4.7-12) | 5.1 (3.6-9.2) | 3.9 (2.7-7.1) |
| 2 | 29 (19-45) | 24 (16-39) | 19 (12-31) | 15 (9.1-25) | 12 (7.0-20) | 9.0 (5.4-15) | 7.0 (4.1-12) |
| 3 | 40 (26-56) | 36 (23-50) | 30 (17-44) | 24 (14-37) | 19 (11-30) | 15 (8.2-24) | 12 (6.3-19) |
| 4 | 52 (35-65) | 48 (31-61) | 43 (26-55) | 36 (21-48) | 30 (17-40) | 24 (13-34) | 19 (10.0-27) |
| 5 | 63 (48-70) | 60 (44-69) | 56 (39-65) | 49 (32-59) | 42 (26-51) | 35 (21-44) | 29 (16-37) |
| 6 | 71 | 70 | 68 | 62 | 55 | 48 | 41 |