

**Taiwan - 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/m<sup>2</sup>), the number of clinical risk factors (CRF) and age. Each table provides a mean estimate and a range, based on the epidemiology of Taiwan. 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 <sup>2</sup> ) |               |               |               |               |               |               |
|----------------|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                | 15                       | 20            | 25            | 30            | 35            | 40            | 45            |
| 0              | 0.4                      | 0.2           | 0.1           | 0.1           | 0.1           | 0.1           | 0.1           |
| 1              | 0.8 (0.6-1.7)            | 0.5 (0.3-1.0) | 0.3 (0.2-0.5) | 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              | 1.6 (0.8-3.3)            | 0.9 (0.5-2.0) | 0.5 (0.3-1.1) | 0.4 (0.2-0.9) | 0.3 (0.2-0.7) | 0.2 (0.1-0.5) | 0.2 (0.1-0.4) |
| 3              | 3.0 (1.2-5.8)            | 1.7 (0.7-3.4) | 1.0 (0.4-2.0) | 0.8 (0.3-1.5) | 0.6 (0.2-1.2) | 0.5 (0.2-0.9) | 0.4 (0.1-0.7) |
| 4              | 5.3 (2.2-8.7)            | 3.2 (1.3-5.2) | 1.8 (0.7-3.0) | 1.4 (0.5-2.3) | 1.1 (0.4-1.8) | 0.8 (0.3-1.4) | 0.6 (0.3-1.1) |
| 5              | 9.2 (4.2-12)             | 5.6 (2.5-7.4) | 3.2 (1.5-4.3) | 2.5 (1.1-3.4) | 1.9 (0.9-2.6) | 1.5 (0.7-2.0) | 1.2 (0.5-1.6) |
| 6              | 15                       | 9.6           | 5.7           | 4.4           | 3.4           | 2.6           | 2.0           |

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

**Age = 55 years**

| Number of CRFs | BMI (kg/m <sup>2</sup> ) |               |               |               |               |               |               |
|----------------|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                | 15                       | 20            | 25            | 30            | 35            | 40            | 45            |
| 0              | 0.8                      | 0.5           | 0.3           | 0.2           | 0.2           | 0.1           | 0.1           |
| 1              | 1.5 (1.1-2.8)            | 0.9 (0.6-1.6) | 0.5 (0.4-0.9) | 0.4 (0.3-0.7) | 0.3 (0.2-0.6) | 0.2 (0.2-0.4) | 0.2 (0.1-0.3) |
| 2              | 2.8 (1.5-5.3)            | 1.7 (0.9-3.2) | 1.0 (0.5-1.9) | 0.8 (0.4-1.5) | 0.6 (0.3-1.1) | 0.4 (0.2-0.9) | 0.3 (0.2-0.7) |
| 3              | 5.0 (2.3-9.1)            | 3.0 (1.4-5.7) | 1.8 (0.8-3.3) | 1.4 (0.6-2.6) | 1.1 (0.5-2.0) | 0.8 (0.4-1.5) | 0.6 (0.3-1.2) |
| 4              | 8.5 (4.0-14)             | 5.3 (2.4-8.5) | 3.1 (1.4-5.0) | 2.4 (1.1-3.9) | 1.9 (0.8-3.0) | 1.5 (0.7-2.3) | 1.1 (0.5-1.8) |
| 5              | 14 (7.4-18)              | 9.1 (4.7-12)  | 5.5 (2.8-7.2) | 4.2 (2.2-5.6) | 3.3 (1.7-4.3) | 2.5 (1.3-3.3) | 2.0 (1.0-2.6) |
| 6              | 22                       | 15            | 9.3           | 7.3           | 5.6           | 4.4           | 3.4           |

**Age = 60 years**

| Number of CRFs | BMI (kg/m <sup>2</sup> ) |               |               |               |               |               |               |
|----------------|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                | 15                       | 20            | 25            | 30            | 35            | 40            | 45            |
| 0              | 1.6                      | 0.9           | 0.5           | 0.4           | 0.3           | 0.3           | 0.2           |
| 1              | 2.8 (2.0-4.5)            | 1.7 (1.2-2.7) | 1.0 (0.7-1.6) | 0.8 (0.6-1.2) | 0.6 (0.4-0.9) | 0.5 (0.3-0.7) | 0.4 (0.3-0.6) |
| 2              | 4.8 (2.8-8.1)            | 3.0 (1.7-5.2) | 1.8 (1.0-3.2) | 1.4 (0.8-2.4) | 1.1 (0.6-1.9) | 0.8 (0.5-1.5) | 0.6 (0.4-1.1) |
| 3              | 8.0 (4.2-14)             | 5.2 (2.6-9.0) | 3.1 (1.6-5.5) | 2.4 (1.2-4.3) | 1.9 (0.9-3.3) | 1.4 (0.7-2.6) | 1.1 (0.6-2.0) |
| 4              | 13 (7.3-20)              | 8.7 (4.6-13)  | 5.4 (2.8-8.3) | 4.2 (2.1-6.5) | 3.2 (1.7-5.0) | 2.5 (1.3-3.9) | 1.9 (1.0-3.0) |
| 5              | 20 (13-25)               | 14 (8.5-18)   | 9.0 (5.4-12)  | 7.0 (4.2-9.0) | 5.4 (3.2-7.0) | 4.2 (2.5-5.4) | 3.3 (1.9-4.2) |
| 6              | 30                       | 22            | 15            | 12            | 9.0           | 7.0           | 5.4           |

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

**Age = 65 years**

| Number of CRFs | BMI (kg/m <sup>2</sup> ) |               |               |               |               |               |               |
|----------------|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                | 15                       | 20            | 25            | 30            | 35            | 40            | 45            |
| 0              | 2.8                      | 1.8           | 1.1           | 0.8           | 0.6           | 0.5           | 0.4           |
| 1              | 4.7 (3.6-6.7)            | 3.0 (2.3-4.3) | 1.8 (1.4-2.6) | 1.4 (1.1-2.0) | 1.1 (0.8-1.6) | 0.8 (0.6-1.2) | 0.6 (0.5-0.9) |
| 2              | 7.6 (4.8-11)             | 5.1 (3.2-7.9) | 3.1 (2.0-5.1) | 2.4 (1.5-3.9) | 1.9 (1.2-3.0) | 1.4 (0.9-2.3) | 1.1 (0.7-1.8) |
| 3              | 12 (7.2-19)              | 8.3 (4.8-13)  | 5.3 (3.0-8.7) | 4.1 (2.3-6.8) | 3.2 (1.8-5.2) | 2.4 (1.4-4.0) | 1.9 (1.0-3.1) |
| 4              | 19 (12-27)               | 13 (8.3-20)   | 8.7 (5.2-13)  | 6.8 (4.0-10)  | 5.2 (3.1-7.9) | 4.0 (2.4-6.1) | 3.1 (1.8-4.7) |
| 5              | 27 (19-33)               | 21 (14-25)    | 14 (9.6-17)   | 11 (7.5-14)   | 8.5 (5.8-11)  | 6.6 (4.4-8.2) | 5.1 (3.4-6.3) |
| 6              | 37                       | 30            | 22            | 17            | 14            | 11            | 8.2           |

**Age = 70 years**

| Number of CRFs | BMI (kg/m <sup>2</sup> ) |               |               |               |               |               |               |
|----------------|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                | 15                       | 20            | 25            | 30            | 35            | 40            | 45            |
| 0              | 4.6                      | 3.1           | 1.9           | 1.5           | 1.1           | 0.9           | 0.7           |
| 1              | 7.8 (5.8-9.5)            | 5.4 (4.1-6.5) | 3.5 (2.7-4.1) | 2.7 (2.1-3.2) | 2.0 (1.6-2.4) | 1.6 (1.2-1.9) | 1.2 (0.9-1.4) |
| 2              | 13 (8.6-19)              | 9.3 (6.2-13)  | 6.1 (4.1-8.5) | 4.7 (3.1-6.6) | 3.6 (2.4-5.1) | 2.8 (1.8-3.9) | 2.1 (1.4-3.0) |
| 3              | 21 (13-29)               | 15 (10-22)    | 11 (7.0-15)   | 8.2 (5.4-12)  | 6.4 (4.2-9.3) | 4.9 (3.2-7.2) | 3.8 (2.5-5.5) |
| 4              | 30 (21-40)               | 24 (17-34)    | 18 (12-25)    | 14 (9.6-20)   | 11 (7.4-16)   | 8.4 (5.7-12)  | 6.5 (4.4-9.5) |
| 5              | 42 (36-51)               | 36 (31-44)    | 28 (24-35)    | 23 (19-28)    | 18 (15-23)    | 14 (12-18)    | 11 (9.0-14)   |
| 6              | 54                       | 49            | 42            | 34            | 28            | 22            | 18            |

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

**Age = 75 years**

| Number of CRFs | BMI (kg/m <sup>2</sup> ) |              |              |               |               |               |               |
|----------------|--------------------------|--------------|--------------|---------------|---------------|---------------|---------------|
|                | 15                       | 20           | 25           | 30            | 35            | 40            | 45            |
| 0              | 6.7                      | 4.8          | 3.2          | 2.4           | 1.9           | 1.4           | 1.1           |
| 1              | 12 (8.1-20)              | 8.9 (6.1-15) | 6.1 (4.3-11) | 4.7 (3.3-8.2) | 3.6 (2.5-6.3) | 2.8 (1.9-4.9) | 2.1 (1.4-3.7) |
| 2              | 20 (12-32)               | 16 (9.1-26)  | 11 (6.4-18)  | 8.6 (4.9-14)  | 6.7 (3.8-11)  | 5.1 (2.9-8.7) | 3.9 (2.2-6.7) |
| 3              | 30 (17-46)               | 25 (14-39)   | 19 (11-29)   | 15 (8.3-24)   | 12 (6.4-19)   | 9.2 (4.9-15)  | 7.1 (3.7-11)  |
| 4              | 43 (27-56)               | 38 (23-51)   | 31 (18-44)   | 25 (14-36)    | 20 (11-30)    | 16 (8.3-24)   | 12 (6.4-19)   |
| 5              | 56 (40-65)               | 51 (35-61)   | 45 (29-55)   | 38 (23-47)    | 31 (18-40)    | 25 (14-33)    | 20 (11-27)    |
| 6              | 67                       | 64           | 60           | 53            | 45            | 38            | 31            |

**Age = 80 years**

| Number of CRFs | BMI (kg/m <sup>2</sup> ) |             |              |              |               |               |               |
|----------------|--------------------------|-------------|--------------|--------------|---------------|---------------|---------------|
|                | 15                       | 20          | 25           | 30           | 35            | 40            | 45            |
| 0              | 8.2                      | 6.3         | 4.4          | 3.4          | 2.6           | 2.0           | 1.5           |
| 1              | 14 (9.7-24)              | 11 (7.7-19) | 8.1 (5.7-14) | 6.2 (4.3-11) | 4.8 (3.3-8.6) | 3.6 (2.5-6.6) | 2.8 (1.9-5.1) |
| 2              | 22 (14-36)               | 18 (11-30)  | 14 (8.5-23)  | 11 (6.5-19)  | 8.4 (5.0-15)  | 6.5 (3.8-11)  | 5.0 (2.9-8.7) |
| 3              | 32 (20-47)               | 28 (17-41)  | 23 (13-35)   | 18 (9.9-28)  | 14 (7.6-23)   | 11 (5.8-18)   | 8.5 (4.4-14)  |
| 4              | 44 (28-57)               | 40 (24-52)  | 34 (20-46)   | 28 (15-38)   | 22 (12-32)    | 18 (9.2-26)   | 14 (7.0-20)   |
| 5              | 56 (40-65)               | 52 (35-61)  | 47 (30-56)   | 40 (25-49)   | 33 (19-42)    | 27 (15-35)    | 22 (12-28)    |
| 6              | 66                       | 64          | 60           | 53           | 46            | 39            | 32            |

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

**Age = 85 years**

| Number of CRFs | BMI (kg/m <sup>2</sup> ) |             |              |              |               |               |               |
|----------------|--------------------------|-------------|--------------|--------------|---------------|---------------|---------------|
|                | 15                       | 20          | 25           | 30           | 35            | 40            | 45            |
| 0              | 8.7                      | 6.8         | 5.0          | 3.8          | 2.9           | 2.2           | 1.7           |
| 1              | 15 (10-25)               | 12 (8.2-21) | 9.0 (6.2-16) | 6.9 (4.8-12) | 5.3 (3.6-9.6) | 4.0 (2.7-7.4) | 3.1 (2.1-5.6) |
| 2              | 23 (15-37)               | 19 (12-32)  | 15 (9.3-26)  | 12 (7.1-20)  | 9.2 (5.4-16)  | 7.1 (4.1-12)  | 5.4 (3.1-9.6) |
| 3              | 34 (21-48)               | 29 (18-43)  | 24 (14-36)   | 19 (11-30)   | 15 (8.3-24)   | 12 (6.3-19)   | 9.2 (4.8-15)  |
| 4              | 45 (29-58)               | 41 (25-53)  | 36 (21-47)   | 29 (16-40)   | 24 (13-33)    | 19 (9.8-27)   | 15 (7.5-22)   |
| 5              | 57 (41-65)               | 53 (37-62)  | 49 (32-58)   | 42 (26-51)   | 35 (21-43)    | 29 (16-36)    | 23 (13-30)    |
| 6              | 66                       | 65          | 61           | 55           | 48            | 40            | 34            |

**Age = 90 years**

| Number of CRFs | BMI (kg/m <sup>2</sup> ) |             |              |              |               |               |               |
|----------------|--------------------------|-------------|--------------|--------------|---------------|---------------|---------------|
|                | 15                       | 20          | 25           | 30           | 35            | 40            | 45            |
| 0              | 7.6                      | 5.9         | 4.4          | 3.4          | 2.5           | 1.9           | 1.5           |
| 1              | 13 (9.0-23)              | 10 (7.1-18) | 8.0 (5.5-14) | 6.1 (4.2-11) | 4.6 (3.1-8.5) | 3.5 (2.4-6.5) | 2.7 (1.8-4.9) |
| 2              | 21 (13-34)               | 17 (11-29)  | 14 (8.2-23)  | 11 (6.2-18)  | 8.1 (4.7-14)  | 6.2 (3.6-11)  | 4.7 (2.7-8.5) |
| 3              | 31 (19-44)               | 26 (16-39)  | 22 (12-33)   | 17 (9.5-27)  | 13 (7.2-21)   | 10 (5.5-17)   | 8.1 (4.2-13)  |
| 4              | 42 (26-54)               | 38 (22-49)  | 32 (18-44)   | 26 (14-36)   | 21 (11-30)    | 17 (8.5-24)   | 13 (6.5-19)   |
| 5              | 53 (38-61)               | 50 (34-59)  | 45 (29-54)   | 38 (23-47)   | 32 (18-40)    | 26 (14-33)    | 21 (11-27)    |
| 6              | 61                       | 61          | 58           | 51           | 44            | 37            | 30            |