

Mexico - 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 Mexico. 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 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| 1 | 1.0 (0.7-2.0) | 0.6 (0.4-1.1) | 0.3 (0.2-0.6) | 0.2 (0.2-0.5) | 0.2 (0.1-0.4) | 0.1 (0.1-0.3) | 0.1 (0.1-0.2) |
| 2 | 2.0 (1.0-4.3) | 1.1 (0.6-2.4) | 0.6 (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) |
| 3 | 3.8 (1.6-7.5) | 2.1 (0.8-4.2) | 1.1 (0.5-2.3) | 0.9 (0.4-1.8) | 0.7 (0.3-1.4) | 0.5 (0.2-1.1) | 0.4 (0.2-0.8) |
| 4 | 6.9 (2.7-11) | 3.9 (1.5-6.3) | 2.1 (0.8-3.4) | 1.6 (0.6-2.7) | 1.3 (0.5-2.1) | 1.0 (0.4-1.6) | 0.8 (0.3-1.3) |
| 5 | 12 (5.7-16) | 6.9 (3.2-9.2) | 3.8 (1.7-5.1) | 3.0 (1.3-4.0) | 2.3 (1.0-3.1) | 1.8 (0.8-2.4) | 1.4 (0.6-1.9) |
| 6 | 21 | 12 | 6.7 | 5.2 | 4.1 | 3.2 | 2.5 |

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

Age = 55 years

| Number of CRFs | BMI (kg/m ²) | | | | | | |
|----------------|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 1.0 | 0.5 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 |
| 1 | 1.8 (1.3-3.2) | 1.0 (0.7-1.8) | 0.5 (0.4-1.0) | 0.4 (0.3-0.8) | 0.3 (0.2-0.6) | 0.3 (0.2-0.5) | 0.2 (0.1-0.4) |
| 2 | 3.4 (1.9-6.7) | 1.9 (1.0-3.7) | 1.0 (0.6-2.1) | 0.8 (0.4-1.6) | 0.6 (0.3-1.2) | 0.5 (0.3-1.0) | 0.4 (0.2-0.7) |
| 3 | 6.2 (2.8-11) | 3.5 (1.6-6.5) | 1.9 (0.9-3.6) | 1.5 (0.7-2.8) | 1.2 (0.5-2.2) | 0.9 (0.4-1.7) | 0.7 (0.3-1.3) |
| 4 | 11 (5.0-17) | 6.2 (2.8-9.8) | 3.4 (1.5-5.5) | 2.7 (1.2-4.3) | 2.1 (0.9-3.3) | 1.6 (0.7-2.6) | 1.3 (0.6-2.0) |
| 5 | 18 (10-24) | 11 (5.7-14) | 6.1 (3.2-8.1) | 4.7 (2.5-6.3) | 3.7 (1.9-4.9) | 2.9 (1.5-3.8) | 2.2 (1.2-3.0) |
| 6 | 30 | 18 | 10 | 8.2 | 6.4 | 5.0 | 3.9 |

Age = 60 years

| Number of CRFs | BMI (kg/m ²) | | | | | | |
|----------------|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | 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 (2.3-5.1) | 1.8 (1.3-2.9) | 1.0 (0.7-1.6) | 0.8 (0.6-1.2) | 0.6 (0.4-1.0) | 0.5 (0.3-0.7) | 0.4 (0.3-0.6) |
| 2 | 5.8 (3.4-10) | 3.3 (1.9-5.9) | 1.8 (1.1-3.3) | 1.4 (0.8-2.6) | 1.1 (0.6-2.0) | 0.9 (0.5-1.6) | 0.7 (0.4-1.2) |
| 3 | 10 (5.2-17) | 5.8 (2.9-10) | 3.3 (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 | 17 (9.0-25) | 10 (5.1-15) | 5.7 (2.9-8.7) | 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 | 27 (17-34) | 17 (10-21) | 9.8 (5.9-13) | 7.6 (4.6-10) | 6.0 (3.6-7.8) | 4.7 (2.8-6.1) | 3.6 (2.2-4.7) |
| 6 | 41 | 27 | 16 | 13 | 10 | 7.9 | 6.2 |

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

Age = 65 years

| Number of CRFs | BMI (kg/m ²) | | | | | | |
|----------------|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 3.2 | 1.8 | 1.0 | 0.8 | 0.6 | 0.5 | 0.4 |
| 1 | 5.6 (4.2-7.8) | 3.2 (2.4-4.5) | 1.8 (1.4-2.5) | 1.4 (1.0-2.0) | 1.1 (0.8-1.5) | 0.8 (0.6-1.2) | 0.7 (0.5-0.9) |
| 2 | 9.5 (6.0-15) | 5.6 (3.5-9.1) | 3.2 (2.0-5.3) | 2.5 (1.5-4.1) | 1.9 (1.2-3.2) | 1.5 (0.9-2.5) | 1.1 (0.7-1.9) |
| 3 | 16 (9.0-25) | 9.4 (5.3-15) | 5.5 (3.0-9.1) | 4.3 (2.4-7.1) | 3.3 (1.8-5.5) | 2.6 (1.4-4.3) | 2.0 (1.1-3.3) |
| 4 | 25 (15-35) | 16 (9.2-23) | 9.2 (5.3-14) | 7.2 (4.1-11) | 5.6 (3.2-8.3) | 4.4 (2.5-6.5) | 3.4 (1.9-5.1) |
| 5 | 37 (27-44) | 25 (18-30) | 15 (11-19) | 12 (8.3-15) | 9.4 (6.5-12) | 7.3 (5.1-9.3) | 5.7 (3.9-7.3) |
| 6 | 52 | 38 | 24 | 19 | 15 | 12 | 9.5 |

Age = 70 years

| Number of CRFs | BMI (kg/m ²) | | | | | | |
|----------------|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 5.8 | 3.4 | 2.0 | 1.5 | 1.2 | 0.9 | 0.7 |
| 1 | 10 (8.0-12) | 6.2 (4.9-7.2) | 3.6 (2.9-4.2) | 2.8 (2.2-3.2) | 2.2 (1.7-2.5) | 1.7 (1.3-2.0) | 1.3 (1.0-1.5) |
| 2 | 17 (12-23) | 11 (7.4-15) | 6.5 (4.3-8.7) | 5.1 (3.4-6.8) | 3.9 (2.6-5.3) | 3.1 (2.0-4.1) | 2.4 (1.6-3.2) |
| 3 | 28 (20-38) | 19 (13-27) | 12 (7.6-17) | 9.0 (5.9-13) | 7.1 (4.6-10) | 5.5 (3.5-8.2) | 4.3 (2.7-6.4) |
| 4 | 43 (32-55) | 31 (23-41) | 20 (15-28) | 16 (11-22) | 12 (8.9-18) | 9.7 (7.0-14) | 7.6 (5.4-11) |
| 5 | 58 (53-67) | 46 (41-54) | 32 (28-39) | 26 (23-32) | 21 (18-26) | 17 (14-20) | 13 (11-16) |
| 6 | 71 | 63 | 49 | 41 | 34 | 28 | 22 |

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

Age = 75 years

| Number of CRFs | BMI (kg/m ²) | | | | | | |
|----------------|--------------------------|-------------|--------------|---------------|---------------|---------------|---------------|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 9.3 | 5.8 | 3.4 | 2.6 | 2.0 | 1.6 | 1.2 |
| 1 | 17 (12-28) | 11 (8.0-19) | 6.7 (4.9-11) | 5.2 (3.8-8.9) | 4.0 (2.9-6.9) | 3.1 (2.2-5.4) | 2.4 (1.7-4.2) |
| 2 | 29 (18-43) | 20 (12-32) | 13 (7.3-21) | 9.9 (5.7-17) | 7.7 (4.4-13) | 6.0 (3.4-10) | 4.7 (2.6-8.1) |
| 3 | 44 (28-60) | 33 (20-48) | 22 (13-35) | 18 (9.8-28) | 14 (7.6-23) | 11 (5.9-18) | 8.7 (4.6-14) |
| 4 | 59 (42-72) | 50 (32-65) | 37 (21-52) | 30 (17-43) | 24 (13-36) | 20 (11-29) | 15 (8.2-23) |
| 5 | 72 (58-79) | 66 (49-75) | 55 (37-65) | 47 (30-57) | 39 (24-48) | 32 (19-40) | 26 (15-33) |
| 6 | 80 | 78 | 73 | 66 | 58 | 50 | 42 |

Age = 80 years

| Number of CRFs | BMI (kg/m ²) | | | | | | |
|----------------|--------------------------|------------|--------------|--------------|---------------|---------------|---------------|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 12 | 7.6 | 4.6 | 3.6 | 2.8 | 2.1 | 1.6 |
| 1 | 21 (15-34) | 14 (10-24) | 8.8 (6.5-15) | 6.8 (5.0-12) | 5.3 (3.9-9.3) | 4.1 (3.0-7.3) | 3.2 (2.3-5.6) |
| 2 | 33 (22-49) | 24 (15-38) | 16 (9.7-27) | 12 (7.6-22) | 9.8 (5.9-17) | 7.6 (4.5-14) | 5.9 (3.5-11) |
| 3 | 47 (31-63) | 37 (22-55) | 27 (15-42) | 21 (12-35) | 17 (9.0-28) | 13 (7.0-22) | 11 (5.4-18) |
| 4 | 61 (44-73) | 53 (35-67) | 42 (24-55) | 35 (19-47) | 28 (15-39) | 23 (12-32) | 18 (9.3-26) |
| 5 | 73 (58-79) | 68 (51-76) | 59 (40-68) | 51 (33-60) | 43 (26-52) | 36 (21-44) | 29 (17-36) |
| 6 | 80 | 79 | 74 | 68 | 60 | 52 | 44 |

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

Age = 85 years

| Number of CRFs | BMI (kg/m ²) | | | | | | |
|----------------|--------------------------|------------|-------------|--------------|--------------|---------------|---------------|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 13 | 8.6 | 5.5 | 4.2 | 3.3 | 2.5 | 1.9 |
| 1 | 21 (16-35) | 15 (11-26) | 10 (7.5-18) | 7.9 (5.8-14) | 6.2 (4.5-11) | 4.8 (3.4-8.5) | 3.7 (2.6-6.6) |
| 2 | 33 (22-50) | 26 (17-40) | 18 (11-30) | 14 (8.7-24) | 11 (6.7-19) | 8.7 (5.2-15) | 6.7 (4.0-12) |
| 3 | 46 (31-62) | 39 (24-55) | 29 (17-45) | 24 (13-37) | 19 (10-31) | 15 (7.9-25) | 12 (6.1-20) |
| 4 | 60 (42-71) | 54 (36-66) | 44 (27-58) | 37 (22-50) | 30 (17-42) | 25 (13-35) | 20 (10-28) |
| 5 | 70 (56-77) | 67 (50-75) | 60 (42-69) | 53 (34-62) | 45 (28-54) | 38 (22-46) | 31 (18-38) |
| 6 | 78 | 77 | 74 | 68 | 61 | 53 | 45 |

Age = 90 years

| Number of CRFs | BMI (kg/m ²) | | | | | | |
|----------------|--------------------------|------------|-------------|--------------|--------------|---------------|---------------|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 0 | 13 | 9.0 | 6.0 | 4.6 | 3.5 | 2.7 | 2.1 |
| 1 | 21 (15-34) | 16 (11-27) | 11 (8.0-19) | 8.5 (6.1-15) | 6.6 (4.7-12) | 5.1 (3.6-9.1) | 3.9 (2.8-7.0) |
| 2 | 32 (22-49) | 26 (17-41) | 19 (12-31) | 15 (9.2-25) | 12 (7.1-20) | 9.1 (5.4-16) | 7.1 (4.2-12) |
| 3 | 45 (30-60) | 38 (24-54) | 30 (18-46) | 25 (14-38) | 20 (11-31) | 16 (8.3-25) | 12 (6.4-20) |
| 4 | 57 (40-69) | 52 (35-64) | 45 (28-58) | 38 (22-50) | 31 (18-42) | 25 (14-35) | 20 (11-29) |
| 5 | 68 (54-75) | 65 (49-73) | 59 (42-68) | 52 (34-61) | 45 (28-54) | 38 (22-46) | 31 (18-39) |
| 6 | 75 | 75 | 72 | 66 | 59 | 52 | 44 |