

**Argentina - The probabilities of a hip fracture in women**

The following tables give the 10-year probability (%) of a hip fracture according to the T-score for femoral neck BMD , the number of clinical risk factors (CRF) and age. Each table provides a mean estimate and a range, based on the epidemiology of Argentina. The range is not a confidence interval, but because the weight of different risk factors varies, is a true range.

Note that the BMI is set at 24 kg/m<sup>2</sup>.

**Age = 50 years**

Number of CRFs	BMD T-score (femoral neck)											
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0	
0	4.7	2.4	1.2	0.6	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0
1	7.4 (4.9-9.7)	3.9 (2.5-5.1)	2.0 (1.3-2.6)	1.0 (0.7-1.3)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)	0.0 (0.0-0.0)	0.0 (0.0-0.0)
2	12 (6.9-17)	6.1 (3.6-9.3)	3.2 (1.8-4.8)	1.6 (0.9-2.5)	0.8 (0.5-1.3)	0.4 (0.2-0.7)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)
3	18 (10-28)	9.6 (5.4-16)	5.0 (2.8-8.2)	2.6 (1.4-4.3)	1.3 (0.7-2.2)	0.7 (0.4-1.1)	0.3 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.1 (0.0-0.1)	0.0 (0.0-0.0)
4	27 (17-40)	15 (9.2-23)	7.8 (4.8-12)	4.1 (2.5-6.5)	2.1 (1.3-3.4)	1.1 (0.6-1.7)	0.5 (0.3-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.1-0.1)	0.0 (0.0-0.1)
5	38 (30-51)	22 (16-31)	12 (8.8-17)	6.3 (4.6-9.1)	3.2 (2.4-4.7)	1.7 (1.2-2.4)	0.9 (0.6-1.3)	0.4 (0.3-0.7)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.2)	0.1 (0.1-0.1)
6	53	32	18	9.5	5.0	2.6	1.3	0.7	0.4	0.2	0.2	0.1

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

**Age = 55 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	5.9	3.2	1.7	0.9	0.5	0.3	0.1	0.1	0.0	0.0	0.0
1	9.1 (6.2-11)	5.0 (3.3-6.2)	2.7 (1.8-3.4)	1.5 (1.0-1.8)	0.8 (0.5-1.0)	0.4 (0.3-0.5)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.1)	0.0 (0.0-0.1)	0.0 (0.0-0.0)
2	14 (8.6-20)	7.8 (4.7-11)	4.3 (2.6-6.2)	2.3 (1.4-3.4)	1.3 (0.7-1.8)	0.7 (0.4-1.0)	0.4 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)	0.0 (0.0-0.1)
3	21 (13-31)	12 (7.1-18)	6.6 (3.9-10)	3.6 (2.1-5.7)	2.0 (1.1-3.1)	1.1 (0.6-1.7)	0.6 (0.3-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	0.1 (0.0-0.1)
4	30 (21-43)	18 (12-27)	10 (6.6-15)	5.6 (3.6-8.6)	3.0 (2.0-4.7)	1.6 (1.1-2.6)	0.9 (0.6-1.4)	0.5 (0.3-0.8)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
5	42 (35-55)	26 (21-36)	15 (12-21)	8.4 (6.6-12)	4.6 (3.6-6.7)	2.5 (2.0-3.6)	1.4 (1.1-2.0)	0.8 (0.6-1.1)	0.4 (0.3-0.6)	0.2 (0.2-0.3)	0.1 (0.1-0.2)
6	57	37	22	13	7.0	3.8	2.1	1.2	0.6	0.4	0.2

**Age = 60 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	9.3	5.3	3.0	1.7	0.9	0.5	0.3	0.2	0.1	0.1	0.0
1	14 (9.8-17)	8.2 (5.6-9.6)	4.6 (3.1-5.5)	2.6 (1.8-3.1)	1.5 (1.0-1.7)	0.8 (0.6-1.0)	0.5 (0.3-0.6)	0.3 (0.2-0.3)	0.2 (0.1-0.2)	0.1 (0.1-0.1)	0.1 (0.0-0.1)
2	21 (14-28)	12 (7.8-17)	7.1 (4.4-9.8)	4.0 (2.5-5.6)	2.3 (1.4-3.1)	1.3 (0.8-1.8)	0.7 (0.4-1.0)	0.4 (0.3-0.6)	0.2 (0.2-0.3)	0.1 (0.1-0.2)	0.1 (0.1-0.1)
3	30 (20-42)	18 (12-27)	11 (6.7-16)	6.1 (3.8-9.3)	3.5 (2.1-5.3)	2.0 (1.2-3.0)	1.1 (0.7-1.7)	0.6 (0.4-1.0)	0.4 (0.2-0.6)	0.2 (0.1-0.3)	0.1 (0.1-0.2)
4	42 (31-56)	26 (19-37)	16 (11-23)	9.2 (6.4-14)	5.3 (3.6-8.0)	3.0 (2.0-4.5)	1.7 (1.2-2.6)	1.0 (0.7-1.5)	0.6 (0.4-0.9)	0.3 (0.2-0.5)	0.2 (0.1-0.3)
5	55 (49-68)	37 (32-48)	23 (19-31)	14 (11-19)	7.9 (6.5-11)	4.5 (3.7-6.4)	2.6 (2.1-3.7)	1.5 (1.2-2.1)	0.9 (0.7-1.2)	0.5 (0.4-0.7)	0.3 (0.2-0.4)
6	69	50	33	20	12	6.7	3.9	2.3	1.3	0.8	0.4

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

**Age = 65 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	14	8.3	4.9	2.9	1.7	1.0	0.6	0.4	0.2	0.1	0.1
1	20 (15-24)	12 (8.7-15)	7.4 (5.2-8.8)	4.4 (3.0-5.2)	2.6 (1.8-3.1)	1.5 (1.0-1.8)	0.9 (0.6-1.1)	0.5 (0.4-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)	0.1 (0.1-0.1)
2	29 (20-36)	18 (12-23)	11 (7.2-14)	6.6 (4.3-8.6)	3.9 (2.5-5.1)	2.3 (1.5-3.0)	1.4 (0.9-1.8)	0.8 (0.5-1.1)	0.5 (0.3-0.7)	0.3 (0.2-0.4)	0.2 (0.1-0.2)
3	40 (29-52)	26 (18-35)	16 (11-23)	9.8 (6.4-14)	5.8 (3.8-8.4)	3.4 (2.2-5.0)	2.1 (1.3-3.0)	1.2 (0.8-1.8)	0.8 (0.5-1.1)	0.5 (0.3-0.7)	0.3 (0.2-0.4)
4	52 (43-65)	36 (28-48)	23 (17-32)	14 (11-20)	8.6 (6.3-13)	5.1 (3.7-7.5)	3.1 (2.2-4.6)	1.9 (1.3-2.8)	1.1 (0.8-1.7)	0.7 (0.5-1.0)	0.4 (0.3-0.6)
5	65 (60-76)	48 (42-59)	32 (28-42)	21 (17-28)	13 (10-17)	7.5 (6.2-10)	4.6 (3.8-6.5)	2.8 (2.3-3.9)	1.7 (1.4-2.4)	1.0 (0.8-1.5)	0.6 (0.5-0.9)
6	77	61	44	29	18	11	6.8	4.1	2.5	1.5	0.9

**Age = 70 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	16	10	6.2	3.8	2.3	1.4	0.9	0.6	0.4	0.2	0.1
1	25 (22-31)	16 (14-20)	10 (8.6-13)	6.3 (5.3-7.9)	3.8 (3.2-4.9)	2.4 (2.0-3.0)	1.5 (1.3-1.9)	0.9 (0.8-1.2)	0.6 (0.5-0.8)	0.4 (0.3-0.5)	0.2 (0.2-0.3)
2	38 (31-47)	25 (20-33)	16 (13-22)	10 (8.0-14)	6.4 (4.9-8.7)	4.0 (3.0-5.4)	2.5 (1.9-3.4)	1.6 (1.2-2.2)	1.0 (0.8-1.4)	0.6 (0.5-0.9)	0.4 (0.3-0.5)
3	53 (43-63)	38 (29-47)	26 (19-33)	17 (12-22)	10 (7.5-14)	6.5 (4.7-8.8)	4.2 (3.0-5.7)	2.6 (1.9-3.6)	1.7 (1.2-2.3)	1.0 (0.7-1.4)	0.7 (0.5-0.9)
4	69 (59-75)	53 (43-61)	38 (30-45)	26 (19-31)	17 (12-21)	11 (7.7-13)	6.9 (4.9-8.6)	4.4 (3.1-5.5)	2.8 (2.0-3.5)	1.8 (1.2-2.2)	1.1 (0.8-1.4)
5	81 (75-84)	69 (61-73)	54 (45-59)	38 (32-43)	26 (21-29)	17 (13-19)	11 (8.7-13)	7.2 (5.6-8.3)	4.6 (3.6-5.3)	2.9 (2.3-3.4)	1.8 (1.4-2.1)
6	88	82	70	54	39	26	18	12	7.5	4.8	3.0

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

**Age = 75 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	16	10	6.7	4.3	2.7	1.8	1.2	0.8	0.5	0.3	0.2
1	28 (22-51)	19 (14-37)	13 (9.4-26)	8.4 (6.0-17)	5.4 (3.9-11)	3.6 (2.5-7.6)	2.4 (1.7-5.1)	1.6 (1.1-3.4)	1.0 (0.7-2.2)	0.7 (0.5-1.5)	0.4 (0.3-1.0)
2	43 (29-67)	32 (20-54)	22 (13-40)	15 (8.5-28)	10 (5.5-19)	6.7 (3.6-13)	4.5 (2.4-8.9)	3.0 (1.6-6.0)	2.0 (1.0-4.0)	1.3 (0.7-2.6)	0.9 (0.5-1.7)
3	60 (40-78)	48 (28-67)	36 (19-53)	25 (13-40)	17 (8.2-28)	12 (5.5-20)	8.1 (3.6-14)	5.4 (2.4-9.5)	3.6 (1.6-6.4)	2.4 (1.0-4.3)	1.6 (0.7-2.8)
4	74 (54-84)	64 (41-76)	52 (29-66)	39 (20-53)	28 (13-39)	20 (8.8-29)	14 (5.9-20)	9.5 (3.9-14)	6.4 (2.6-9.5)	4.3 (1.7-6.4)	2.9 (1.1-4.3)
5	84 (69-88)	78 (56-83)	68 (43-75)	56 (31-63)	43 (21-50)	32 (15-38)	23 (10-27)	16 (6.8-19)	11 (4.6-13)	7.4 (3.0-9.0)	5.0 (2.0-6.1)
6	89	86	81	73	61	48	36	26	18	13	8.5

**Age = 80 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	15	10	7.1	4.8	3.3	2.3	1.6	1.1	0.8	0.5	0.4
1	26 (19-48)	19 (13-37)	13 (9.2-27)	9.1 (6.3-19)	6.3 (4.3-13)	4.4 (3.0-9.5)	3.1 (2.1-6.7)	2.1 (1.4-4.6)	1.5 (1.0-3.2)	1.0 (0.7-2.2)	0.7 (0.5-1.5)
2	40 (26-62)	30 (18-51)	22 (13-40)	16 (8.7-30)	11 (6.0-22)	8.0 (4.2-16)	5.7 (2.9-11)	4.0 (2.0-7.9)	2.8 (1.4-5.6)	1.9 (1.0-3.9)	1.3 (0.7-2.7)
3	54 (36-73)	44 (26-63)	34 (19-52)	26 (13-40)	19 (9.0-30)	14 (6.3-23)	9.9 (4.4-17)	7.0 (3.1-12)	4.9 (2.1-8.6)	3.5 (1.5-6.1)	2.4 (1.0-4.3)
4	68 (47-79)	59 (37-72)	49 (27-62)	39 (19-51)	30 (14-41)	22 (9.8-32)	16 (6.9-24)	12 (4.9-18)	8.4 (3.4-13)	6.0 (2.4-9.1)	4.2 (1.6-6.4)
5	78 (60-83)	72 (50-78)	64 (39-71)	54 (29-61)	43 (21-51)	34 (16-41)	26 (11-32)	19 (8.1-24)	14 (5.7-17)	10 (4.0-13)	7.1 (2.8-9.0)
6	85	81	76	68	59	49	39	30	22	16	12

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

**Age = 85 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	14	10	7.2	5.2	3.8	2.8	2.0	1.5	1.1	0.8	0.6
1	23 (18-44)	18 (13-35)	13 (9.4-27)	9.6 (6.7-20)	7.2 (5.0-15)	5.3 (3.7-11)	3.9 (2.7-8.6)	2.9 (2.0-6.3)	2.1 (1.4-4.7)	1.6 (1.0-3.4)	1.1 (0.8-2.5)
2	35 (24-56)	28 (18-47)	22 (13-38)	16 (9.4-30)	12 (7.0-23)	9.4 (5.1-18)	7.1 (3.8-14)	5.3 (2.8-10)	3.9 (2.0-7.7)	2.9 (1.5-5.7)	2.1 (1.1-4.2)
3	49 (31-66)	41 (24-58)	33 (18-49)	26 (13-40)	20 (10-32)	16 (7.6-25)	12 (5.7-20)	9.0 (4.2-15)	6.8 (3.1-11)	5.0 (2.3-8.5)	3.7 (1.6-6.3)
4	61 (41-73)	54 (33-66)	46 (26-58)	38 (19-49)	31 (15-41)	24 (11-33)	19 (8.5-27)	15 (6.3-21)	11 (4.7-16)	8.5 (3.5-12)	6.3 (2.5-9.3)
5	72 (52-78)	66 (44-72)	59 (35-65)	51 (28-57)	43 (22-50)	36 (17-42)	29 (13-35)	23 (9.9-28)	18 (7.5-22)	14 (5.6-17)	10 (4.1-13)
6	80	76	71	64	57	49	42	34	27	21	16

**Age = 90 years**

Number of CRFs	BMD T-score (femoral neck)										
	-4.0	-3.5	-3.0	-2.5	-2.0	-1.5	-1.0	-0.5	0	0.5	1.0
0	12	9.1	6.9	5.3	4.2	3.2	2.5	2.0	1.5	1.2	0.9
1	20 (15-38)	16 (12-32)	12 (9.0-25)	9.7 (6.9-20)	7.7 (5.4-16)	6.1 (4.3-13)	4.8 (3.3-10)	3.7 (2.6-8.2)	2.9 (2.0-6.4)	2.3 (1.5-5.0)	1.8 (1.2-3.9)
2	30 (20-49)	25 (16-42)	20 (12-35)	16 (9.5-29)	13 (7.6-24)	10 (6.0-19)	8.4 (4.7-16)	6.6 (3.6-13)	5.2 (2.8-10)	4.1 (2.2-7.9)	3.2 (1.7-6.2)
3	42 (26-59)	36 (21-52)	30 (17-45)	25 (13-38)	21 (10-32)	17 (8.3-27)	14 (6.6-22)	11 (5.2-18)	8.8 (4.1-15)	7.0 (3.2-12)	5.5 (2.5-9.2)
4	55 (35-67)	48 (29-61)	42 (23-54)	36 (19-47)	31 (15-41)	26 (12-35)	21 (9.8-29)	17 (7.8-24)	14 (6.1-20)	11 (4.8-16)	9.0 (3.8-13)
5	66 (45-72)	61 (38-67)	54 (32-61)	48 (26-54)	42 (22-48)	37 (18-42)	31 (14-36)	26 (12-31)	22 (9.2-26)	18 (7.3-21)	14 (5.8-17)
6	75	71	66	61	55	49	43	37	32	26	22