

| | | | | | | | | | | | | | | | | | | |
|--------|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|------|
| Male | 1.127 | 0.098 | 265 | 1.110 | 0.093 | 262 | 1.103 | 0.101 | 280 | 1.092 | 0.108 | 254 | 1.048 | 0.112 | 90 | 1.103 | 0.103 | 1151 |
| Female | 1.098 | 0.089 | 271 | 1.011 | 0.108 | 255 | 0.933 | 0.088 | 259 | 0.893 | 0.082 | 242 | 0.854 | 0.070 | 97 | 0.975 | 0.124 | 1124 |
| Total | 1.113 | 0.095 | 536 | 1.061 | 0.112 | 517 | 1.021 | 0.127 | 539 | 0.995 | 0.138 | 496 | 0.947 | 0.134 | 187 | 1.040 | 0.131 | 2275 |

Head bone mineral weight (g)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|------|-----|-----------|-------|-----|-----------|------|-----|-----------|------|-----|--------|------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 527.8 | 90.0 | 267 | 500.1 | 87.9 | 262 | 491.8 | 88.9 | 280 | 486.9 | 90.8 | 254 | 448.6 | 89.3 | 90 | 497.6 | 91.6 | 1153 |
| Female | 555.1 | 92.8 | 271 | 481.7 | 104.4 | 256 | 428.2 | 84.9 | 259 | 398.7 | 76.9 | 242 | 373.2 | 76.7 | 98 | 459.8 | 109.3 | 1126 |
| Total | 541.6 | 92.3 | 538 | 491.0 | 96.8 | 518 | 461.2 | 92.6 | 539 | 443.8 | 95.1 | 496 | 409.3 | 91.0 | 188 | 478.9 | 102.5 | 2279 |

Head bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 2.089 | 0.299 | 267 | 2.034 | 0.313 | 262 | 2.033 | 0.313 | 280 | 2.023 | 0.318 | 254 | 1.921 | 0.333 | 90 | 2.035 | 0.315 | 1153 |
| Female | 2.352 | 0.336 | 271 | 2.082 | 0.391 | 256 | 1.885 | 0.321 | 259 | 1.790 | 0.301 | 242 | 1.713 | 0.297 | 98 | 2.007 | 0.404 | 1126 |
| Total | 2.222 | 0.344 | 538 | 2.058 | 0.354 | 518 | 1.962 | 0.325 | 539 | 1.909 | 0.331 | 496 | 1.812 | 0.331 | 188 | 2.021 | 0.362 | 2279 |

Left arm bone mineral weight (g)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|------|-----|-----------|------|-----|-----------|------|-----|-----------|------|-----|--------|------|-----|-------|------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 176.3 | 26.7 | 267 | 174.9 | 24.5 | 262 | 169.9 | 27.0 | 280 | 164.6 | 25.3 | 254 | 149.9 | 26.1 | 90 | 169.8 | 26.9 | 1153 |
| Female | 123.8 | 16.5 | 271 | 113.0 | 20.2 | 256 | 98.1 | 16.8 | 259 | 89.6 | 16.7 | 242 | 81.6 | 15.2 | 98 | 104.4 | 22.6 | 1126 |
| Total | 149.8 | 34.4 | 538 | 144.3 | 38.2 | 518 | 135.4 | 42.4 | 539 | 128.0 | 43.3 | 496 | 114.3 | 40.2 | 188 | 137.5 | 41.1 | 2279 |

Left arm bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 0.783 | 0.056 | 267 | 0.775 | 0.054 | 262 | 0.767 | 0.062 | 280 | 0.755 | 0.063 | 254 | 0.726 | 0.063 | 90 | 0.766 | 0.061 | 1153 |
| Female | 0.681 | 0.042 | 271 | 0.638 | 0.054 | 256 | 0.592 | 0.049 | 259 | 0.572 | 0.061 | 242 | 0.551 | 0.039 | 98 | 0.616 | 0.068 | 1126 |
| Total | 0.731 | 0.071 | 538 | 0.707 | 0.087 | 518 | 0.682 | 0.104 | 539 | 0.665 | 0.111 | 496 | 0.635 | 0.102 | 188 | 0.692 | 0.099 | 2279 |

Right arm bone mineral weight (g)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|------|-----|-----------|------|-----|-----------|------|-----|-----------|------|-----|--------|------|----|-------|------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 188.1 | 27.7 | 267 | 185.8 | 27.6 | 262 | 179.2 | 28.5 | 280 | 172.7 | 26.8 | 254 | 155.5 | 26.5 | 90 | 179.5 | 29.0 | 1153 |
| Female | 131.4 | 16.9 | 271 | 119.2 | 21.0 | 256 | 104.0 | 17.2 | 259 | 95.1 | 16.6 | 242 | 85.9 | 15.9 | 98 | 110.6 | 23.5 | 1126 |

Total 159.6 36.5 538 152.9 41.4 518 143.1 44.4 539 134.9 44.8 496 119.2 41.0 188 145.4 43.4 2279

Right arm bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 0.809 | 0.059 | 267 | 0.799 | 0.059 | 262 | 0.792 | 0.067 | 280 | 0.775 | 0.068 | 254 | 0.740 | 0.071 | 90 | 0.790 | 0.067 | 1153 |
| Female | 0.700 | 0.045 | 271 | 0.654 | 0.060 | 256 | 0.606 | 0.051 | 259 | 0.579 | 0.049 | 242 | 0.558 | 0.040 | 98 | 0.630 | 0.071 | 1126 |
| Total | 0.755 | 0.076 | 538 | 0.727 | 0.094 | 518 | 0.702 | 0.111 | 539 | 0.680 | 0.115 | 496 | 0.646 | 0.107 | 188 | 0.711 | 0.106 | 2279 |

Left rib cage bone mineral weight (g)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|------|-----|-----------|------|-----|-----------|------|-----|-----------|------|-----|--------|------|-----|-------|------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 86.2 | 16.3 | 267 | 83.8 | 15.4 | 262 | 80.0 | 14.4 | 280 | 78.0 | 17.3 | 254 | 70.3 | 14.7 | 90 | 81.1 | 16.3 | 1153 |
| Female | 69.1 | 12.3 | 271 | 64.4 | 14.7 | 256 | 57.2 | 14.7 | 259 | 53.7 | 10.6 | 242 | 50.7 | 11.0 | 98 | 60.4 | 14.5 | 1126 |
| Total | 77.6 | 16.7 | 538 | 74.2 | 17.9 | 518 | 69.0 | 18.5 | 539 | 66.2 | 18.9 | 496 | 60.1 | 16.2 | 188 | 70.9 | 18.6 | 2279 |

Left rib cage bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 0.637 | 0.066 | 267 | 0.628 | 0.066 | 262 | 0.625 | 0.070 | 280 | 0.621 | 0.081 | 254 | 0.585 | 0.067 | 90 | 0.624 | 0.072 | 1153 |
| Female | 0.596 | 0.058 | 271 | 0.550 | 0.067 | 256 | 0.512 | 0.106 | 259 | 0.491 | 0.048 | 242 | 0.480 | 0.048 | 98 | 0.534 | 0.083 | 1126 |
| Total | 0.616 | 0.065 | 538 | 0.589 | 0.077 | 518 | 0.571 | 0.105 | 539 | 0.557 | 0.093 | 496 | 0.530 | 0.078 | 188 | 0.580 | 0.090 | 2279 |

Right rib cage bone mineral weight (g)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|------|-----|-----------|------|-----|-----------|------|-----|-----------|------|-----|--------|------|-----|-------|------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 85.1 | 17.5 | 267 | 85.8 | 17.5 | 262 | 82.2 | 15.9 | 280 | 79.6 | 17.5 | 254 | 72.6 | 16.8 | 90 | 82.4 | 17.4 | 1153 |
| Female | 70.3 | 13.5 | 271 | 67.0 | 15.8 | 256 | 61.5 | 13.3 | 259 | 58.7 | 13.2 | 242 | 55.0 | 13.2 | 98 | 63.7 | 14.8 | 1126 |
| Total | 77.6 | 17.3 | 538 | 76.5 | 19.1 | 518 | 72.3 | 18.0 | 539 | 69.4 | 18.7 | 496 | 63.4 | 17.4 | 188 | 73.1 | 18.7 | 2279 |

Right rib cage bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 0.631 | 0.067 | 267 | 0.627 | 0.063 | 262 | 0.623 | 0.070 | 280 | 0.619 | 0.075 | 254 | 0.592 | 0.078 | 90 | 0.623 | 0.070 | 1153 |
| Female | 0.592 | 0.055 | 271 | 0.548 | 0.065 | 256 | 0.509 | 0.051 | 259 | 0.498 | 0.051 | 242 | 0.494 | 0.048 | 98 | 0.534 | 0.066 | 1126 |
| Total | 0.611 | 0.064 | 538 | 0.588 | 0.075 | 518 | 0.569 | 0.084 | 539 | 0.560 | 0.088 | 496 | 0.541 | 0.081 | 188 | 0.579 | 0.081 | 2279 |

Thoracic spine bone mineral weight (g)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|------|-----|-----------|------|-----|-----------|------|-----|-----------|------|-----|--------|------|-----|-------|------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 114.9 | 23.9 | 267 | 120.2 | 26.2 | 262 | 121.8 | 28.4 | 280 | 118.3 | 28.3 | 254 | 105.4 | 25.4 | 90 | 117.8 | 27.0 | 1153 |
| Female | 96.2 | 18.5 | 271 | 91.1 | 20.8 | 256 | 80.1 | 17.4 | 259 | 75.0 | 18.1 | 242 | 70.9 | 18.4 | 98 | 84.6 | 20.8 | 1126 |
| Total | 105.5 | 23.3 | 538 | 105.8 | 27.7 | 518 | 101.8 | 31.6 | 539 | 97.2 | 32.2 | 496 | 87.4 | 28.0 | 188 | 101.4 | 29.3 | 2279 |

Thoracic spine bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 0.835 | 0.119 | 267 | 0.856 | 0.121 | 262 | 0.883 | 0.138 | 280 | 0.900 | 0.150 | 254 | 0.862 | 0.135 | 90 | 0.868 | 0.134 | 1153 |
| Female | 0.856 | 0.101 | 271 | 0.781 | 0.114 | 256 | 0.708 | 0.098 | 259 | 0.676 | 0.094 | 242 | 0.653 | 0.091 | 98 | 0.749 | 0.125 | 1126 |
| Total | 0.846 | 0.111 | 538 | 0.819 | 0.123 | 518 | 0.799 | 0.149 | 539 | 0.791 | 0.168 | 496 | 0.753 | 0.155 | 188 | 0.809 | 0.143 | 2279 |

Lumbar spine bone mineral weight (g)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|------|-----|-----------|------|-----|-----------|------|-----|-----------|------|-----|--------|------|-----|-------|------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 59.7 | 13.8 | 267 | 58.3 | 13.3 | 262 | 61.5 | 16.1 | 280 | 61.6 | 16.9 | 254 | 57.8 | 17.1 | 90 | 60.1 | 15.3 | 1153 |
| Female | 56.4 | 10.6 | 271 | 47.7 | 12.5 | 256 | 39.4 | 10.9 | 259 | 36.1 | 10.4 | 242 | 35.1 | 8.9 | 98 | 44.3 | 13.6 | 1126 |
| Total | 58.0 | 12.4 | 538 | 53.1 | 13.9 | 518 | 50.9 | 17.7 | 539 | 49.2 | 19.0 | 496 | 46.0 | 17.6 | 188 | 52.3 | 16.5 | 2279 |

Lumbar bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 0.978 | 0.153 | 267 | 0.977 | 0.159 | 262 | 1.027 | 0.183 | 280 | 1.047 | 0.203 | 254 | 1.026 | 0.200 | 90 | 1.009 | 0.180 | 1153 |
| Female | 1.048 | 0.131 | 271 | 0.941 | 0.165 | 256 | 0.840 | 0.138 | 259 | 0.820 | 0.153 | 242 | 0.844 | 0.125 | 98 | 0.909 | 0.171 | 1126 |
| Total | 1.013 | 0.146 | 538 | 0.959 | 0.163 | 518 | 0.937 | 0.188 | 539 | 0.937 | 0.213 | 496 | 0.931 | 0.188 | 188 | 0.960 | 0.182 | 2279 |

Pelvic bone mineral weight (g)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|------|-----|-----------|------|-----|-----------|------|-----|-----------|------|-----|--------|------|-----|-------|------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 237.2 | 53.7 | 267 | 225.8 | 49.4 | 262 | 218.2 | 52.1 | 280 | 208.3 | 50.2 | 254 | 181.3 | 43.8 | 90 | 219.3 | 52.9 | 1153 |
| Female | 197.5 | 40.6 | 271 | 170.0 | 40.2 | 256 | 141.8 | 31.0 | 259 | 127.7 | 30.0 | 242 | 112.2 | 27.1 | 98 | 156.0 | 45.6 | 1126 |
| Total | 217.2 | 51.5 | 538 | 198.2 | 53.0 | 518 | 181.5 | 57.7 | 539 | 169.0 | 57.9 | 496 | 145.3 | 49.9 | 188 | 188.0 | 58.7 | 2279 |

Pelvic bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--|-----------|--|--|-----------|--|--|-----------|--|--|-----------|--|--|--------|--|--|-------|--|--|
|--|-----------|--|--|-----------|--|--|-----------|--|--|-----------|--|--|--------|--|--|-------|--|--|

| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
|--------|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|------|
| Male | 1.137 | 0.146 | 267 | 1.128 | 0.136 | 262 | 1.113 | 0.141 | 280 | 1.093 | 0.148 | 254 | 1.023 | 0.134 | 90 | 1.110 | 0.145 | 1153 |
| Female | 1.131 | 0.127 | 271 | 1.077 | 0.145 | 256 | 0.983 | 0.117 | 259 | 0.937 | 0.113 | 242 | 0.871 | 0.097 | 98 | 1.020 | 0.151 | 1126 |
| Total | 1.134 | 0.137 | 538 | 1.103 | 0.143 | 518 | 1.050 | 0.145 | 539 | 1.017 | 0.153 | 496 | 0.944 | 0.138 | 188 | 1.066 | 0.155 | 2279 |

Left leg bone mineral weight (g)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|------|-----|-----------|------|-----|-----------|------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 471.1 | 71.9 | 267 | 462.1 | 66.8 | 262 | 439.0 | 69.1 | 280 | 422.5 | 66.5 | 254 | 388.7 | 68.3 | 90 | 444.1 | 72.7 | 1153 |
| Female | 346.8 | 50.6 | 271 | 315.9 | 55.3 | 256 | 279.8 | 47.0 | 259 | 254.4 | 45.3 | 242 | 223.7 | 51.3 | 98 | 293.8 | 63.8 | 1126 |
| Total | 408.5 | 87.9 | 538 | 389.8 | 95.5 | 518 | 362.5 | 99.4 | 539 | 340.5 | 101.7 | 496 | 302.7 | 102.1 | 188 | 369.8 | 101.7 | 2279 |

Left leg bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 1.249 | 0.119 | 267 | 1.238 | 0.117 | 262 | 1.213 | 0.120 | 280 | 1.193 | 0.140 | 254 | 1.142 | 0.148 | 90 | 1.217 | 0.129 | 1153 |
| Female | 1.093 | 0.101 | 271 | 1.029 | 0.105 | 256 | 0.959 | 0.089 | 259 | 0.912 | 0.092 | 242 | 0.856 | 0.081 | 98 | 0.988 | 0.123 | 1126 |
| Total | 1.170 | 0.135 | 538 | 1.135 | 0.152 | 518 | 1.091 | 0.165 | 539 | 1.056 | 0.184 | 496 | 0.993 | 0.185 | 188 | 1.104 | 0.170 | 2279 |

Right leg bone mineral weight (g)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|------|-----|-----------|------|-----|-----------|------|-----|-----------|-------|-----|--------|-------|-----|-------|------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 468.0 | 71.2 | 267 | 457.7 | 65.7 | 262 | 435.3 | 67.6 | 280 | 418.9 | 65.0 | 254 | 388.9 | 67.0 | 90 | 440.7 | 71.3 | 1153 |
| Female | 347.0 | 48.8 | 271 | 317.1 | 54.7 | 256 | 279.9 | 45.9 | 259 | 253.6 | 45.1 | 242 | 220.3 | 50.8 | 98 | 293.7 | 63.7 | 1126 |
| Total | 407.1 | 85.9 | 538 | 388.2 | 92.7 | 518 | 360.7 | 97.0 | 539 | 338.3 | 100.0 | 496 | 301.0 | 103.0 | 188 | 368.1 | 99.9 | 2279 |

Right leg bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 1.237 | 0.116 | 267 | 1.223 | 0.113 | 262 | 1.201 | 0.114 | 280 | 1.180 | 0.136 | 254 | 1.141 | 0.148 | 90 | 1.205 | 0.125 | 1153 |
| Female | 1.095 | 0.088 | 271 | 1.034 | 0.102 | 256 | 0.962 | 0.087 | 259 | 0.915 | 0.104 | 242 | 0.856 | 0.084 | 98 | 0.991 | 0.122 | 1126 |
| Total | 1.166 | 0.125 | 538 | 1.130 | 0.143 | 518 | 1.086 | 0.157 | 539 | 1.051 | 0.180 | 496 | 0.993 | 0.186 | 188 | 1.099 | 0.164 | 2279 |

Lumbar spine 2-4 bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 0.980 | 0.144 | 267 | 0.977 | 0.149 | 263 | 1.021 | 0.170 | 280 | 1.045 | 0.206 | 260 | 1.025 | 0.192 | 95 | 1.007 | 0.173 | 1165 |
| Female | 1.020 | 0.122 | 271 | 0.926 | 0.161 | 257 | 0.824 | 0.141 | 265 | 0.807 | 0.152 | 245 | 0.815 | 0.128 | 100 | 0.889 | 0.167 | 1138 |

| | | | | | | | | | | | | | | | | | | |
|-------|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|------|
| Total | 1.000 | 0.135 | 538 | 0.952 | 0.157 | 520 | 0.925 | 0.185 | 545 | 0.929 | 0.217 | 505 | 0.917 | 0.194 | 195 | 0.949 | 0.180 | 2303 |
|-------|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|------|

Right femoral neck bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 0.749 | 0.108 | 267 | 0.740 | 0.102 | 264 | 0.741 | 0.107 | 283 | 0.716 | 0.114 | 260 | 0.690 | 0.110 | 94 | 0.733 | 0.109 | 1168 |
| Female | 0.723 | 0.105 | 272 | 0.681 | 0.104 | 258 | 0.626 | 0.088 | 263 | 0.591 | 0.096 | 243 | 0.543 | 0.079 | 99 | 0.647 | 0.113 | 1135 |
| Total | 0.736 | 0.107 | 539 | 0.711 | 0.107 | 522 | 0.686 | 0.114 | 546 | 0.655 | 0.123 | 503 | 0.615 | 0.120 | 193 | 0.691 | 0.119 | 2303 |

Right trochanter region bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 0.676 | 0.099 | 267 | 0.683 | 0.104 | 264 | 0.691 | 0.110 | 283 | 0.684 | 0.125 | 260 | 0.636 | 0.109 | 94 | 0.680 | 0.110 | 1168 |
| Female | 0.635 | 0.093 | 272 | 0.599 | 0.104 | 258 | 0.551 | 0.089 | 263 | 0.518 | 0.085 | 243 | 0.469 | 0.083 | 99 | 0.568 | 0.106 | 1135 |
| Total | 0.655 | 0.098 | 539 | 0.641 | 0.112 | 522 | 0.624 | 0.122 | 546 | 0.604 | 0.136 | 503 | 0.551 | 0.128 | 193 | 0.625 | 0.122 | 2303 |

Right Ward's triangle bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 0.600 | 0.128 | 267 | 0.561 | 0.124 | 264 | 0.546 | 0.125 | 283 | 0.503 | 0.128 | 260 | 0.457 | 0.122 | 94 | 0.545 | 0.133 | 1168 |
| Female | 0.617 | 0.135 | 272 | 0.542 | 0.132 | 258 | 0.454 | 0.116 | 263 | 0.409 | 0.129 | 243 | 0.341 | 0.093 | 99 | 0.493 | 0.154 | 1135 |
| Total | 0.608 | 0.132 | 539 | 0.552 | 0.128 | 522 | 0.501 | 0.129 | 546 | 0.458 | 0.137 | 503 | 0.397 | 0.123 | 193 | 0.519 | 0.146 | 2303 |

Left femoral neck bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 0.762 | 0.118 | 267 | 0.752 | 0.104 | 264 | 0.757 | 0.106 | 283 | 0.726 | 0.118 | 258 | 0.699 | 0.106 | 95 | 0.746 | 0.113 | 1167 |
| Female | 0.728 | 0.107 | 272 | 0.684 | 0.104 | 257 | 0.631 | 0.091 | 261 | 0.589 | 0.088 | 243 | 0.541 | 0.070 | 98 | 0.650 | 0.113 | 1131 |
| Total | 0.745 | 0.114 | 539 | 0.718 | 0.110 | 521 | 0.697 | 0.117 | 544 | 0.659 | 0.125 | 501 | 0.619 | 0.119 | 193 | 0.698 | 0.123 | 2298 |

Left trochanter region bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 0.682 | 0.103 | 267 | 0.692 | 0.107 | 264 | 0.702 | 0.111 | 283 | 0.696 | 0.129 | 258 | 0.650 | 0.108 | 95 | 0.690 | 0.113 | 1167 |
| Female | 0.636 | 0.093 | 272 | 0.600 | 0.103 | 257 | 0.562 | 0.092 | 261 | 0.522 | 0.082 | 243 | 0.482 | 0.080 | 98 | 0.573 | 0.104 | 1131 |
| Total | 0.659 | 0.101 | 539 | 0.647 | 0.115 | 521 | 0.635 | 0.124 | 544 | 0.612 | 0.139 | 501 | 0.565 | 0.127 | 193 | 0.632 | 0.124 | 2298 |

Left Ward's triangle bone mineral density (g/cm²)

| | 40 – 49yr | | | 50 – 59yr | | | 60 – 69yr | | | 70 – 79yr | | | 80yr – | | | Total | | |
|--------|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|--------|-------|-----|-------|-------|------|
| | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N | Mean | SD | N |
| Male | 0.605 | 0.139 | 267 | 0.556 | 0.123 | 264 | 0.544 | 0.123 | 283 | 0.502 | 0.124 | 258 | 0.465 | 0.125 | 95 | 0.545 | 0.134 | 1167 |
| Female | 0.615 | 0.132 | 272 | 0.534 | 0.129 | 257 | 0.458 | 0.120 | 261 | 0.392 | 0.103 | 243 | 0.329 | 0.079 | 98 | 0.488 | 0.151 | 1131 |
| Total | 0.610 | 0.135 | 539 | 0.545 | 0.126 | 521 | 0.503 | 0.129 | 544 | 0.449 | 0.127 | 501 | 0.396 | 0.124 | 193 | 0.517 | 0.145 | 2298 |

Osteoporosis by lumbar spine bone mineral density

| | | 40 – 49yr | | 50 – 59yr | | 60 – 69yr | | 70 – 79yr | | 80yr – | | Total | |
|--------------|--------|-----------|------|-----------|------|-----------|------|-----------|------|--------|------|-------|------|
| | | N | % | N | % | N | % | N | % | N | % | N | % |
| | | Normal | Male | 226 | 84.3 | 213 | 81.0 | 242 | 86.4 | 220 | 84.6 | 77 | 81.1 |
| | Female | 257 | 94.8 | 191 | 74.0 | 126 | 47.5 | 107 | 43.7 | 49 | 48.5 | 730 | 64.0 |
| | Total | 483 | 89.6 | 404 | 77.5 | 368 | 67.5 | 327 | 64.8 | 126 | 64.3 | 1708 | 74.1 |
| Osteopenia | Male | 29 | 10.8 | 46 | 17.5 | 32 | 11.4 | 29 | 11.2 | 14 | 14.7 | 150 | 12.9 |
| | Female | 14 | 5.2 | 51 | 19.8 | 92 | 34.7 | 79 | 32.2 | 32 | 31.7 | 268 | 23.5 |
| | Total | 43 | 8.0 | 97 | 18.6 | 124 | 22.8 | 108 | 21.4 | 46 | 23.5 | 418 | 18.1 |
| Osteoporosis | Male | 13 | 4.9 | 4 | 1.5 | 6 | 2.1 | 11 | 4.2 | 4 | 4.2 | 38 | 3.3 |
| | Female | 0 | 0.0 | 16 | 6.2 | 47 | 17.7 | 59 | 24.1 | 20 | 19.8 | 142 | 12.5 |
| | Total | 13 | 2.4 | 20 | 3.8 | 53 | 9.7 | 70 | 13.9 | 24 | 12.2 | 180 | 7.8 |

Osteoporosis by femoral neck bone mineral density

| | | 40 – 49yr | | 50 – 59yr | | 60 – 69yr | | 70 – 79yr | | 80yr – | | Total | |
|--------------|--------|-----------|------|-----------|------|-----------|------|-----------|------|--------|------|-------|------|
| | | N | % | N | % | N | % | N | % | N | % | N | % |
| | | Normal | Male | 182 | 67.9 | 169 | 64.0 | 181 | 64.0 | 151 | 58.1 | 43 | 45.7 |
| | Female | 216 | 79.4 | 168 | 64.9 | 109 | 41.4 | 59 | 24.3 | 14 | 14.0 | 566 | 49.8 |
| | Total | 398 | 73.7 | 337 | 64.4 | 290 | 53.1 | 210 | 41.7 | 57 | 29.4 | 1292 | 56.0 |
| Osteopenia | Male | 66 | 24.6 | 79 | 29.9 | 76 | 26.9 | 75 | 28.8 | 32 | 34.0 | 328 | 28.1 |
| | Female | 51 | 18.8 | 67 | 25.9 | 106 | 40.3 | 98 | 40.3 | 30 | 30.0 | 352 | 31.0 |
| | Total | 117 | 21.7 | 146 | 27.9 | 182 | 33.3 | 173 | 34.4 | 62 | 32.0 | 680 | 29.5 |
| Osteoporosis | Male | 20 | 7.5 | 16 | 6.1 | 26 | 9.2 | 34 | 13.1 | 19 | 20.2 | 115 | 9.8 |
| | Female | 5 | 1.8 | 24 | 9.3 | 48 | 18.3 | 86 | 35.4 | 56 | 56.0 | 219 | 19.3 |
| | Total | 25 | 4.6 | 40 | 7.6 | 74 | 13.6 | 120 | 23.9 | 75 | 38.7 | 334 | 14.5 |