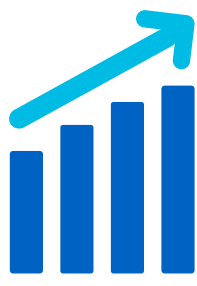


AMGEN The Global Burden of OSTEOPOROSIS

What is **osteoporosis**? Who is **at risk**?

- 01 Osteoporosis develops when an individual's bone mineral density and bone mass decreases, leading to a reduction in bone strength which can increase the risk of fractures (broken bones).¹
- 02 Anyone can develop osteoporosis, however, it's more common among women of White and Asian descent.²
- 03 During and after menopause, hormonal changes increase the risk for osteoporosis in women.²

Osteoporosis Facts & Figures

Prevalence	Fracture Risk
500 MILLION Osteoporosis is a chronic disease affecting approximately 500 MILLION people worldwide. ³	86% A prior fracture is associated with an 86% increased risk of any fracture. ³
DOUBLE By 2050, the total number of hip fractures is projected to DOUBLE worldwide. ⁴ 	The risk of a subsequent fracture is higher in the FIRST TWO years after an initial fracture. ³ <ul style="list-style-type: none">Preventing secondary or further fractures can improve health outcomes and reduce healthcare costs.⁵

After menopause, women can lose up to **20%** or more of their bone density.⁶



Common Myths



People with osteoporosis can feel their bones getting weaker.⁶

// Osteoporosis usually doesn't cause any symptoms and a person may not know they have the disease until a fracture occurs.¹

If you eat a healthy diet and exercise, you are not at risk for osteoporosis.⁶

// There are many risk factors for osteoporosis – some you can control and some you can't. Even if you are healthy and exercise frequently, you still may be at risk.⁶

Management Gaps



Osteoporosis care is fragmented and lacks systematic approaches to identify patients, stratify individual risk and enable seamless care delivery pathways.^{8,9} Approximately **80%** of postmenopausal women at high risk for fracture who have had **at least one** bone break are not diagnosed or treated for osteoporosis.³



Visit <https://wwwext.amgen.com/stories/2022/05/osteoporosis-by-the-numbers> to learn more about osteoporosis after menopause.

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