The Czech Republic

A New ScoreCard for Osteoporosis in EU 27+2

Reveals Burden of Disease, Gaps, and Inequalities in Osteoporosis & Fracture Prevention and Care

**Burden of Disease**

- **91,000** New fragility fractures in 2019

**Change in Cost per Individual**

- **€28.7** 2010
- **€37.3** 2019
  - +30.0%

**€396 Million** spent in 2019

Huge cost burden for osteoporosis-related healthcare

**Projected Increase in the Number of Fracture Fractures**

- **123,000** in 2019
- **285,000** in 2034
  - +34.8%

**Service Provision & Uptake**

- **90-100%** Remuneration of osteoporosis medications
- **8.1** Available DXA units/million inhabitants
- **€30** DXA cost
- **1-10%** of hospitals having fracture liaison services
- **344** FRAX® sessions/million people/year

**Policy Framework**

- **No** Established national fracture registries
- **Yes** Osteoporosis recognised as a specialty
- **No** Osteoporosis primarily managed in primary care
- **Osteology, Rheumatology, Internal Medicine, Orthopaedics, Gynaecology, Endocrinology**

**Scorecard**

- **Burden of Disease**
  - Hip fracture risk
  - Fracture risk
  - Lifetime risk
  - FRAX® risk
  - Fracture projections

- **Service Provision**
  - Treatment
  - Availability of DXA
  - Access to DXA
  - Risk models
  - Quality indicators

- **Service Uptake**
  - Hip fracture risk
  - Treatment gap
  - A treatment gap
  - Waiting time for hip fracture surgery


The elements of each domain in each country were scored and coded using a traffic light system (red, orange, green) and used to synthesise a scorecard.