

## 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

**45,000**

NEW FRAGILITY FRACTURES IN 2019



**124**

FRACTURES PER DAY



**5.2**

FRACTURES PER HOUR

### CHANGE IN COST PER INDIVIDUAL

**€110.8**  
2019

**€78.4**  
2010



**+41%**

**336,000**

INDIVIDUALS WITH OSTEOPOROSIS IN 2019

**79.4%**

WOMEN

**20.6%**

MEN

5.7% OF THE TOTAL POPULATION



**€611 MILLION** SPENT IN 2019



**€190.9 MILLION**

LONG-TERM DISABILITY COSTS



**€406.6 MILLION**

DIRECT COST OF INCIDENT FRACTURES



**€13.6 MILLION**

PHARMACOLOGICAL INTERVENTION

HUGE COST BURDEN FOR OSTEOPOROSIS-RELATED HEALTHCARE

### PROJECTED INCREASE IN THE NUMBER OF FRAGILITY FRACTURES

**60,000** 2034

**45,000** 2019

**+33.0%**



### SERVICE PROVISION & UPTAKE

**40%**

REIMBURSEMENT OF OSTEOPOROSIS MEDICATIONS

**11.6**

AVAILABLE DXA UNITS/MILLION INHABITANTS

**4343**

FRAX® SESSIONS/MILLION PEOPLE/YEAR

**€200**

DXA COST

**YES**

FRAX® RISK ASSESSMENT MODEL IS AVAILABLE

**25-50%**

OF HOSPITALS HAVING FRACTURE LIAISON SERVICES



**39,000**

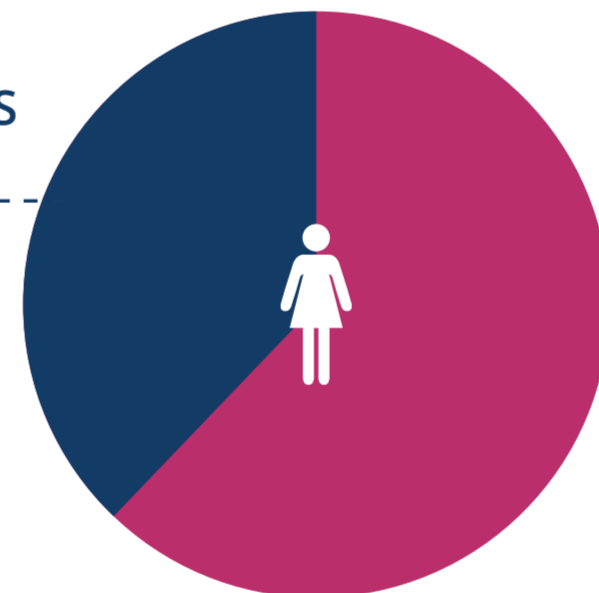
WOMEN TREATED FOR OSTEOPOROSIS

**154,000**

WOMEN REMAIN UNTREATED FOR OSTEOPOROSIS

**193,000**

WOMEN ELIGIBLE FOR OSTEOPOROSIS TREATMENT



**80%**

TREATMENT GAP

### POLICY FRAMEWORK



**YES**

ESTABLISHED NATIONAL FRACTURE REGISTRIES



**NO**

OSTEOPOROSIS RECOGNISED AS A SPECIALTY



**YES**

OSTEOPOROSIS PRIMARILY MANAGED IN PRIMARY CARE



**OTHER SPECIALTIES INVOLVED IN OSTEOPOROSIS CARE**

ENDOCRINOLOGY  
INTERNAL MEDICINE  
GERIATRICS  
ORTHOPAEDICS  
GYNAECOLOGY

### SCORECARD

#### Policy Framework

Quality of Data	Green
National Health Priority	Green
Care Pathway	Green
Specialist Training	Yellow
Society Support	Green

#### Service Uptake

FRAX® Uptake	Green
Treatment Gap	Red
Δ Treatment Gap	Yellow
Waiting Time for Hip Fracture Surgery	Yellow

#### Burden of Disease

Hip Fracture Risk	Green
Fracture Risk	Yellow
Lifetime Risk	Green
FRAX® Risk	Green
Fracture Projections	Red

#### Service Provision

Treatment	Yellow
Availability of DXA	Yellow
Access to DXA	Green
Risk Models	Green
Guideline Quality	Green
Liaison Service	Green
Quality Indicators	Green