

### BURDEN OF DISEASE

**70,700**

NEW FRAGILITY FRACTURES IN 2019



**194**

FRACTURES PER DAY



**8**

FRACTURES PER HOUR

### CHANGE IN COST PER INDIVIDUAL

**€59.6**  
2010

**€97.6**  
2019

**+64%**

**681,000**

INDIVIDUALS WITH OSTEOPOROSIS IN 2019

**80.4%**

WOMEN

**19.6%**

MEN

5.6% OF THE TOTAL POPULATION

**€1.0 BILLION**

SPENT IN 2019



**€464.8**  
MILLION

LONG-TERM DISABILITY COSTS



**€523.9**  
MILLION

DIRECT COST OF INCIDENT FRACTURES



**€14.8**  
MILLION

PHARMACOLOGICAL INTERVENTION

HUGE COST BURDEN FOR OSTEOPOROSIS-RELATED HEALTHCARE

### PROJECTED INCREASE IN THE NUMBER OF FRAGILITY FRACTURES

**91,200** 2034

**70,700** 2019

**+28.9%**

### SERVICE PROVISION & UPTAKE

**69%**

REIMBURSEMENT OF OSTEOPOROSIS MEDICATIONS

**2662**

FRAX® SESSIONS/MILLION PEOPLE/YEAR

**YES**

FRAX® RISK ASSESSMENT MODEL IS AVAILABLE



**25.4**

AVAILABLE DXA UNITS/MILLION INHABITANTS

**€35**

DXA COST

**1-10%**

OF HOSPITALS HAVING FRACTURE LIAISON SERVICES

**118,000**

WOMEN TREATED FOR OSTEOPOROSIS

**474,000**

WOMEN ELIGIBLE FOR OSTEOPOROSIS TREATMENT

**356,000**

WOMEN REMAIN UNTREATED FOR OSTEOPOROSIS

**75%**

TREATMENT GAP

### POLICY FRAMEWORK



**NO**

ESTABLISHED NATIONAL FRACTURE REGISTRIES



**NO**

OSTEOPOROSIS RECOGNISED AS A SPECIALTY



**YES**

OSTEOPOROSIS PRIMARILY MANAGED IN PRIMARY CARE



**OTHER SPECIALTIES INVOLVED IN OSTEOPOROSIS CARE**

RHEUMATOLOGY  
INTERNAL MEDICINE  
ORTHOPAEDICS  
GYNAECOLOGY  
ENDOCRINOLOGY  
REHABILITATION

### SCORECARD

#### Policy Framework

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

#### Service Uptake

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

#### Burden of Disease

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

#### Service Provision

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