

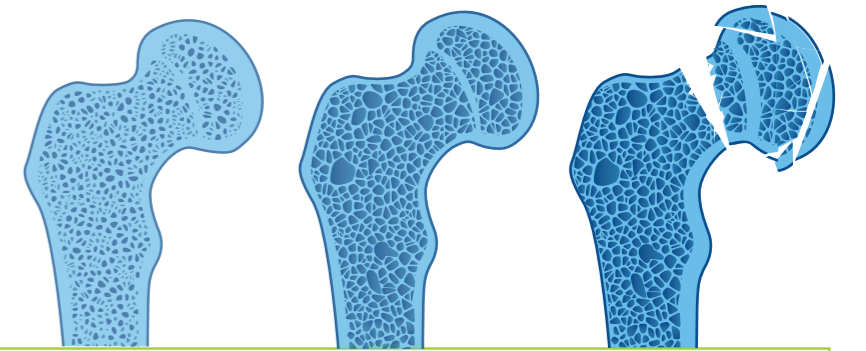
BROKEN BONES, BROKEN LIVES

THE FRAGILITY FRACTURE CRISIS IN ITALY



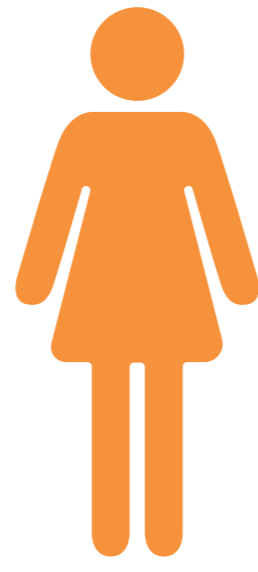
OSTEOPOROSIS

FRAGILE BONES THAT FRACTURE EASILY



ESTIMATED PEOPLE AGED ≥ 50 WITH OSTEOPOROSIS

0.8 MILLION



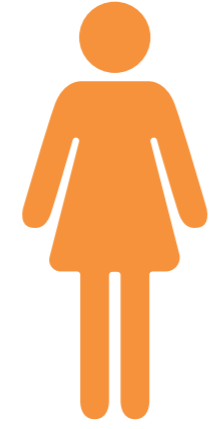
3.2 MILLION

ESTIMATED LIFETIME RISK OF HIP FRACTURE

FOR MEN AGED 50 YEARS



7.9%



FOR WOMEN AGED 50 YEARS

16.7%

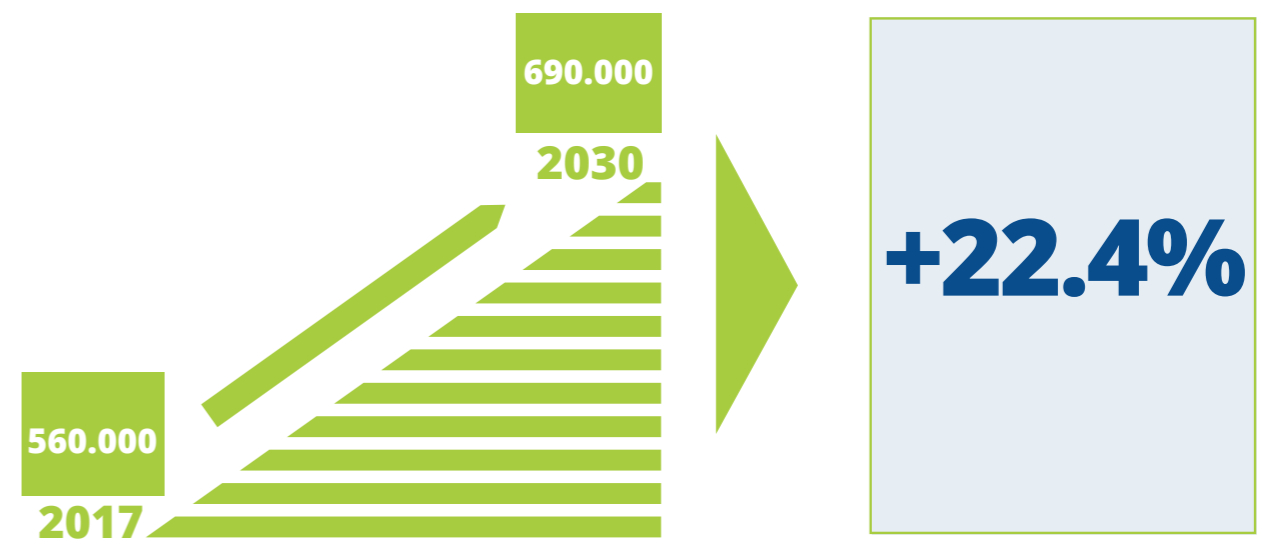
SIGNIFICANT INCREASE IN FRAGILITY FRACTURES EXPECTED

APPROXIMATELY

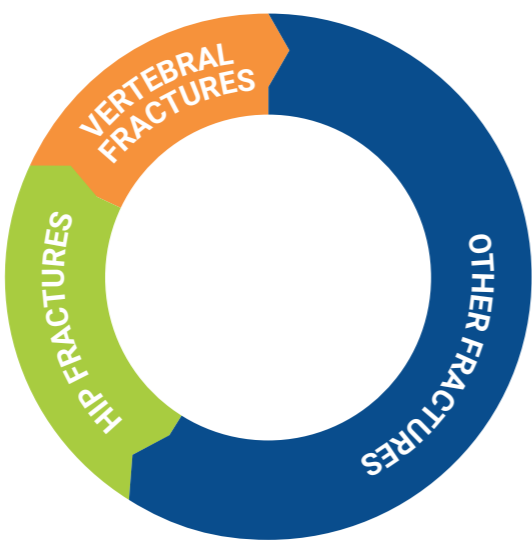
560.000

NEW FRACTURES IN ITALY DURING

2017

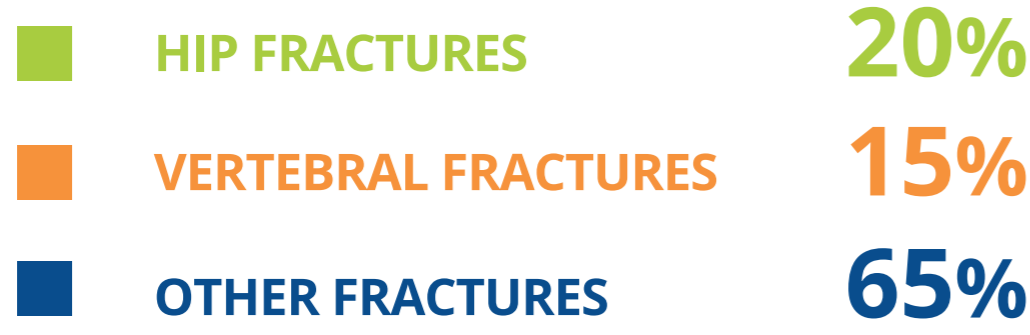


TOTAL NUMBER OF FRAGILITY FRACTURES PER YEAR



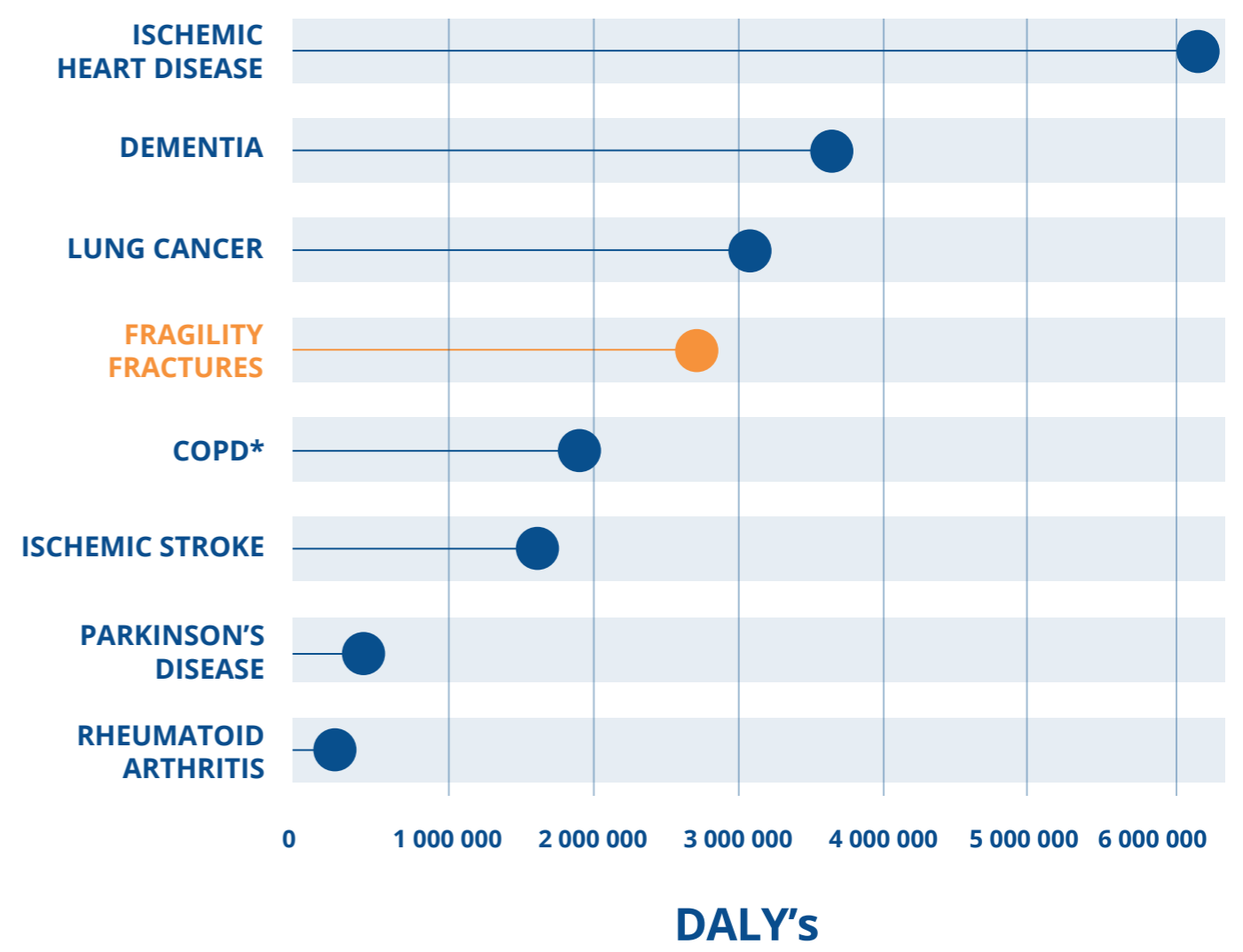
563.388

of which 51% were MOFs*



* Major Osteoporotic Fractures

FRAGILITY FRACTURES ARE THE 4TH MOST BURDENSOME CHRONIC DISEASE



*Chronic Obstructive Pulmonary Disease

SIGNIFICANT HEALTHCARE COSTS

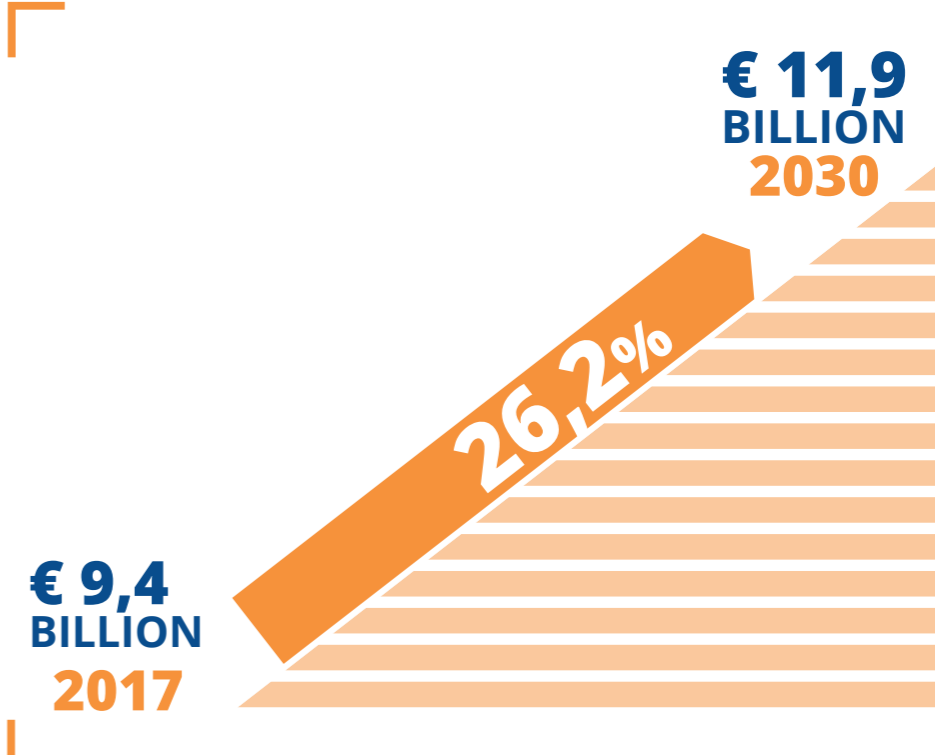
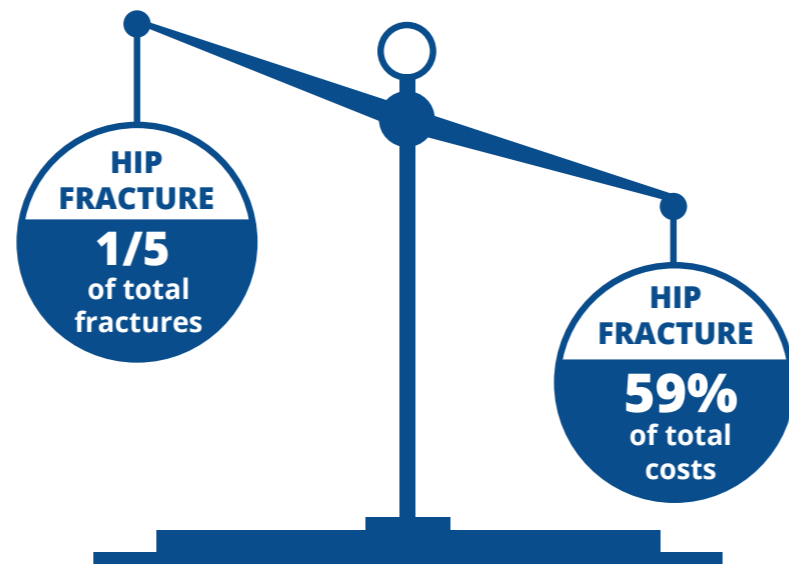
FRACTURE-RELATED COSTS € € €

1st YEAR

Happen during first year after fracture



Highest with hip fractures



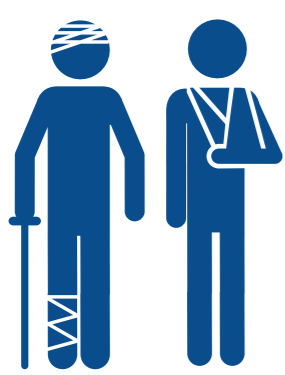
LIFE-CHANGING IMPACT OF FRAGILITY FRACTURES

LONG-TERM CARE



35.3% of patients aged 90+ years move into long-term care following hip fracture

SICK DAYS



taken in Italy by working persons due to fragility fractures

717.316

REDUCED MOBILITY AND INABILITY TO CARRY OUT DAILY ACTIVITIES = BURDEN ON CAREGIVERS

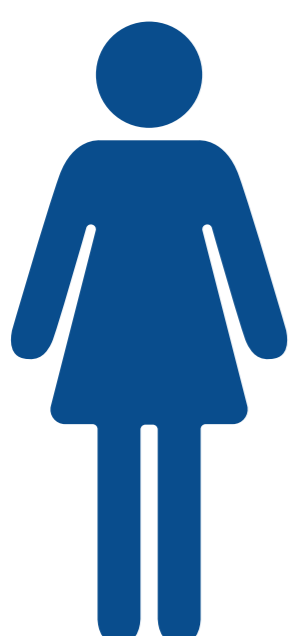
HOURS OF CARE PER 1,000 INDIVIDUALS



Italy has the highest caregiver burden of all the EU6 nations with an average of 882 hours a year, per 1,000 individuals

EFFECTIVE MANAGEMENT IMPROVES OUTCOMES AND REDUCES COSTS

MASSIVE TREATMENT GAP



77%

OF WOMEN DO NOT RECEIVE TREATMENT FOLLOWING A FRACTURE

FRACTURE LIAISON SERVICES (FLS)

= cost-effective care delivery model to IMPROVE OVERALL OUTCOMES & REDUCE COSTS

EFFECTS of FLS (absolute change)

