

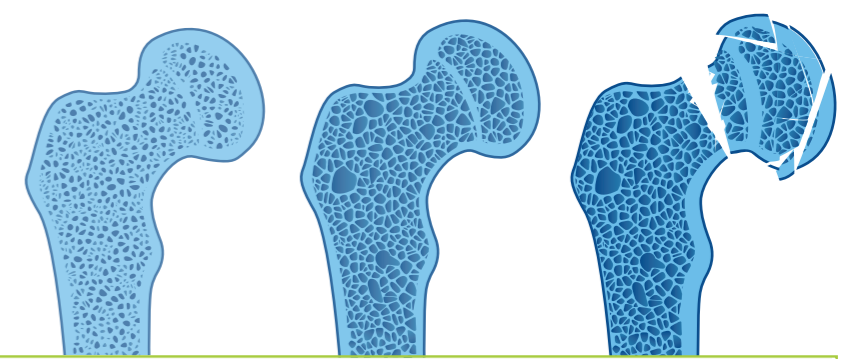
BROKEN BONES, BROKEN LIVES

THE FRAGILITY FRACTURE CRISIS IN GERMANY

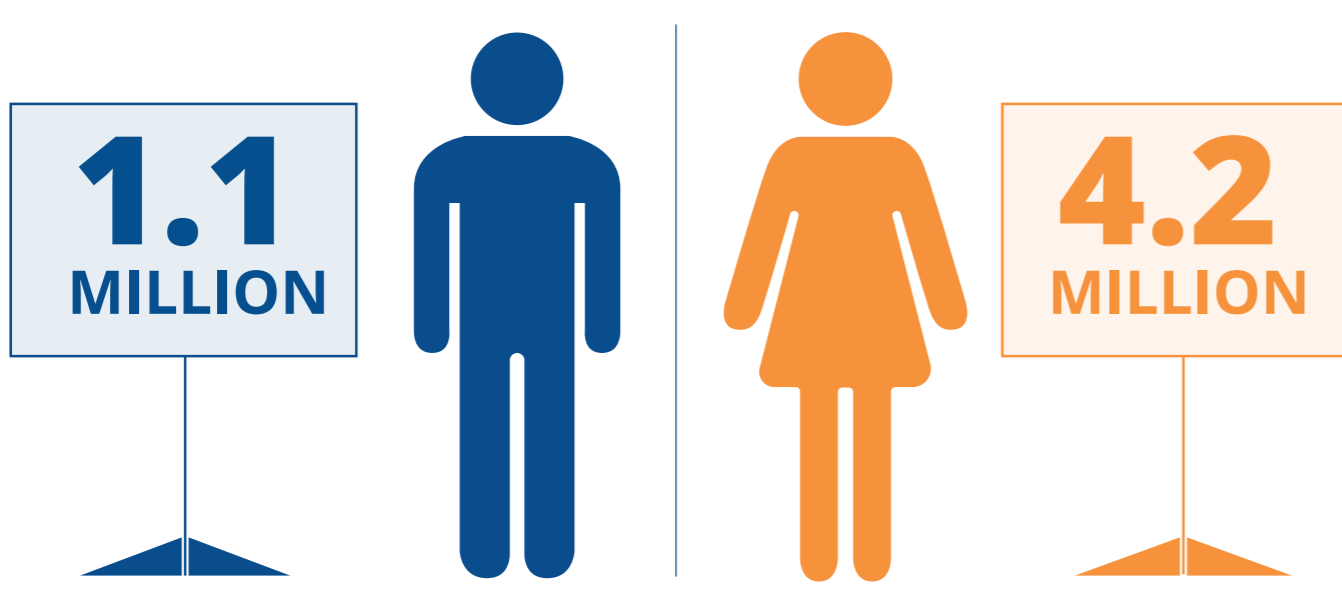


OSTEOPOROSIS

FRAGILE BONES THAT FRACTURE EASILY



ESTIMATED PEOPLE AGED ≥ 50 WITH OSTEOPOROSIS



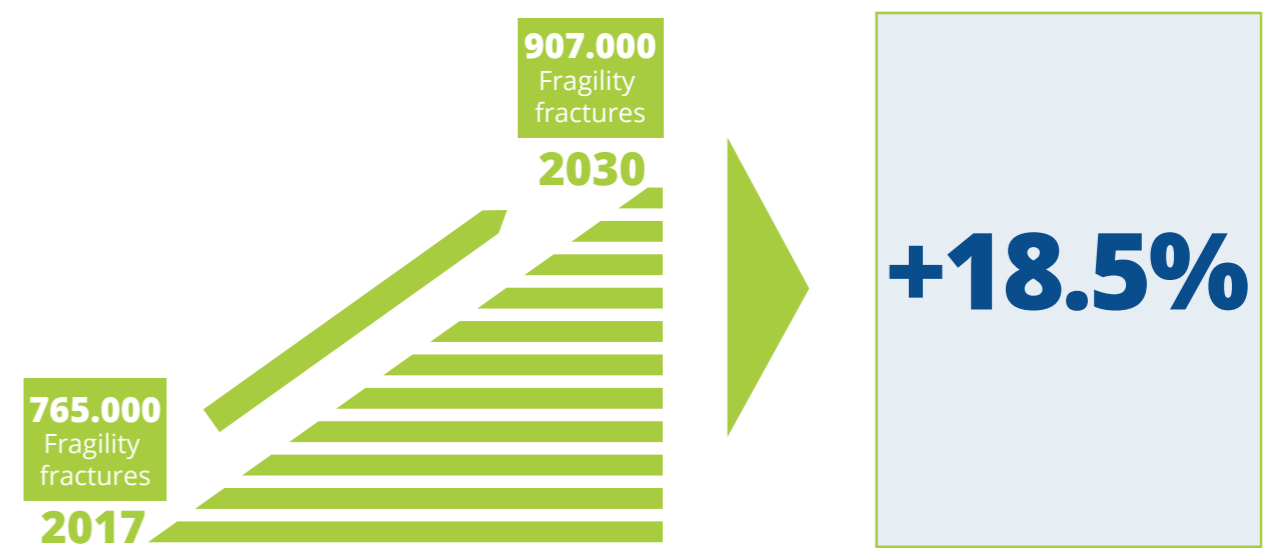
SIGNIFICANT INCREASE IN FRAGILITY FRACTURES EXPECTED

APPROXIMATELY

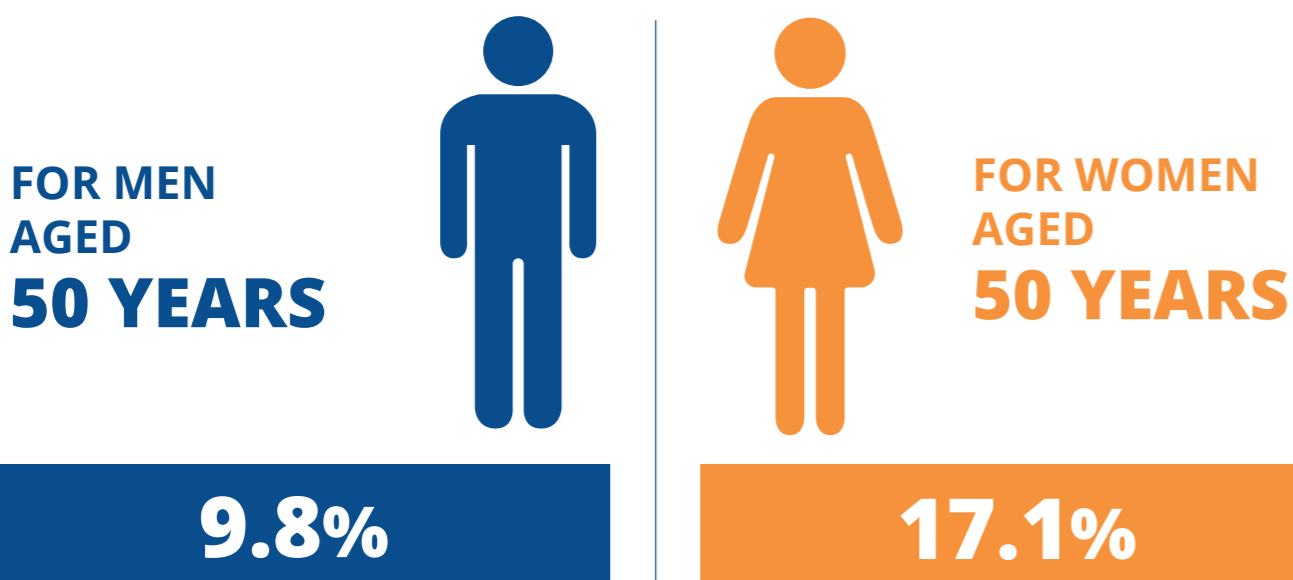
765.000

NEW FRACTURES IN GERMANY DURING

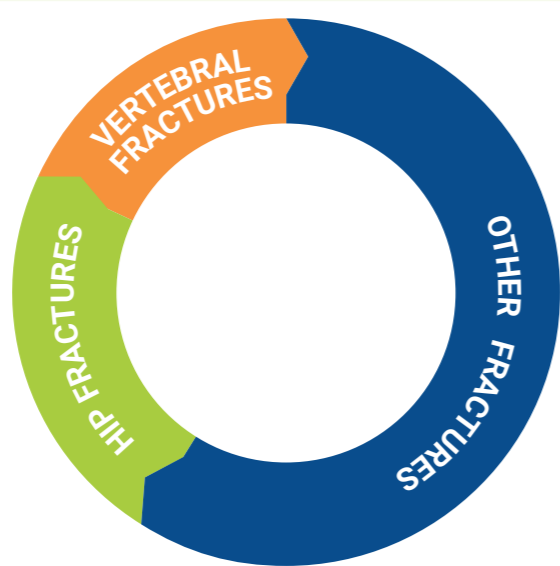
2017



ESTIMATED LIFETIME RISK OF HIP FRACTURE

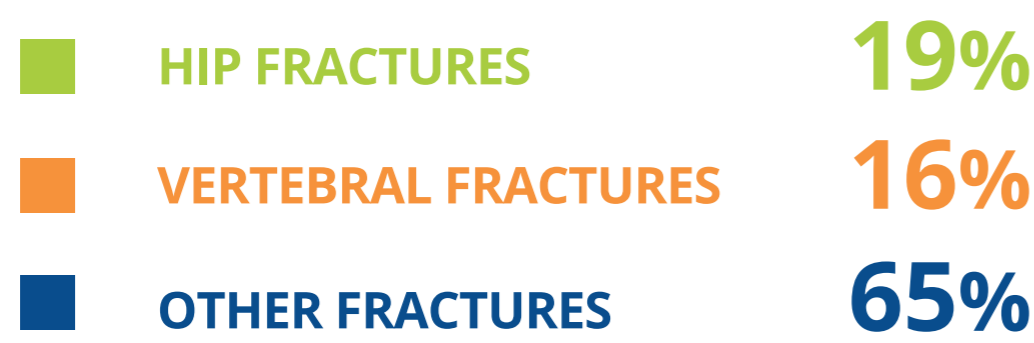


TOTAL NUMBER OF FRAGILITY FRACTURES PER YEAR



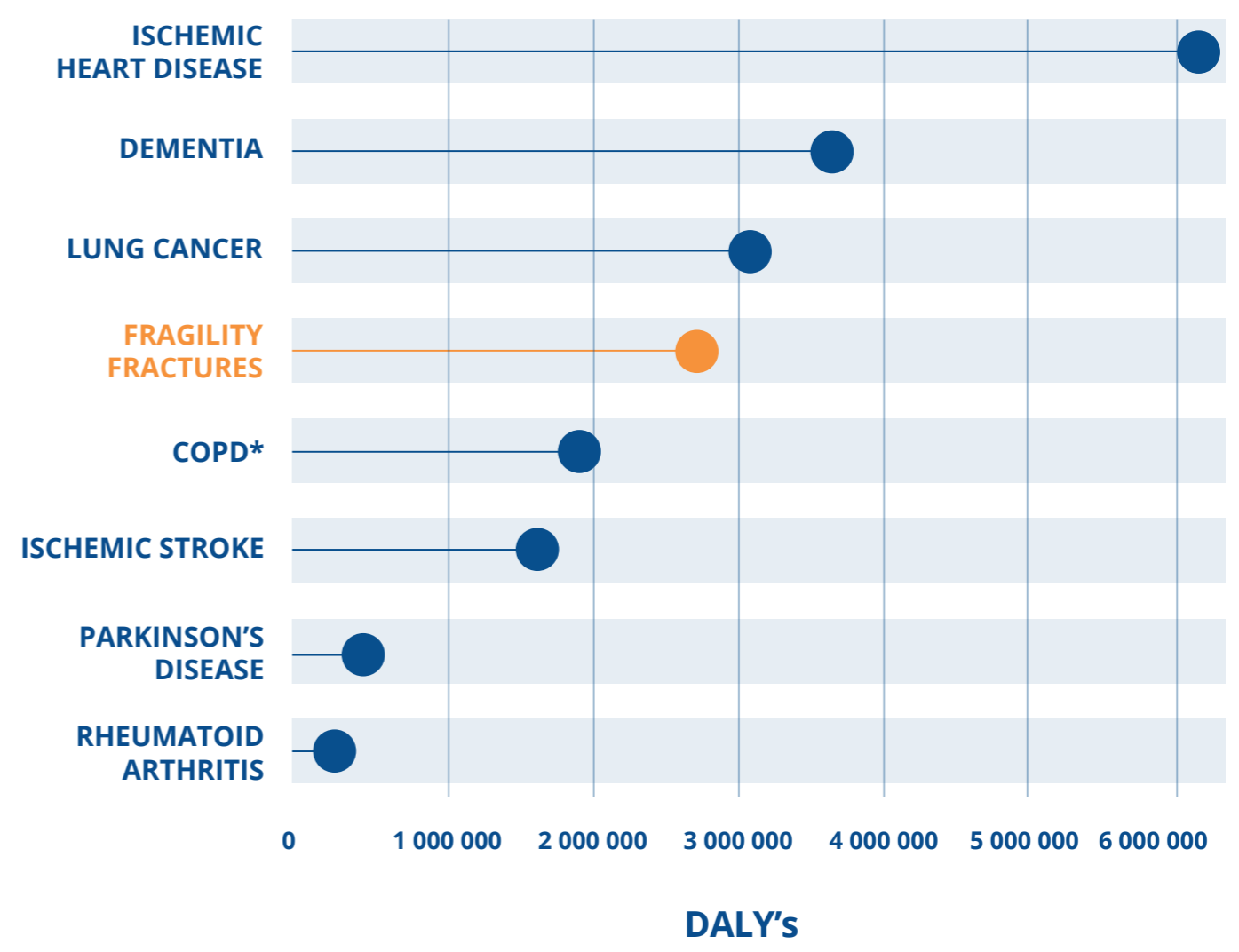
765.000

of which 51% were MOFs*



* Major Osteoporotic Fractures

FRAGILITY FRACTURES ARE THE 4TH MOST BURDENSOME CHRONIC DISEASE



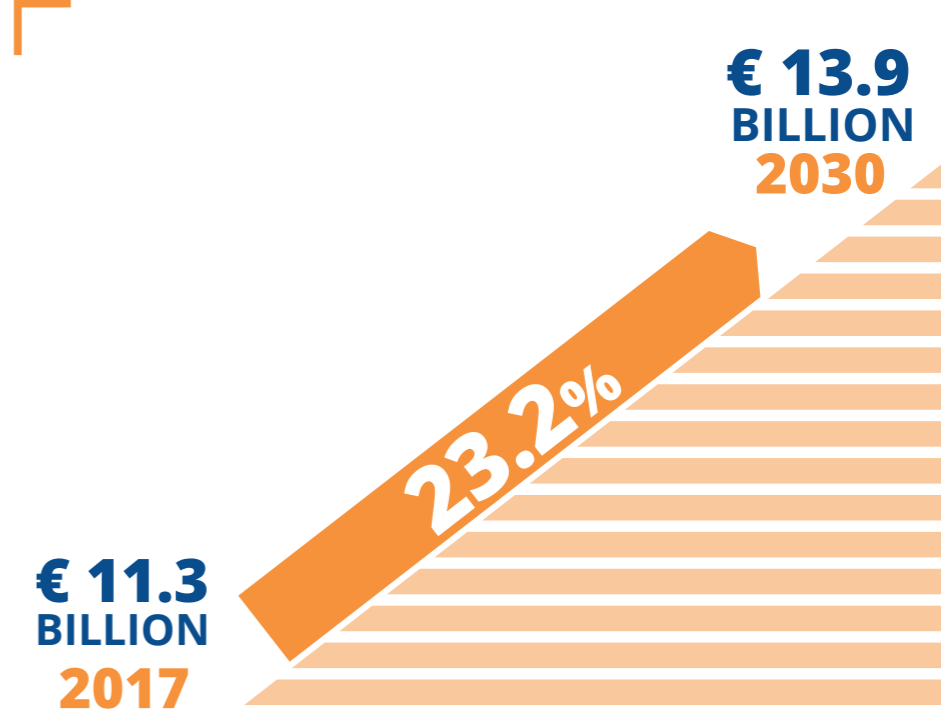
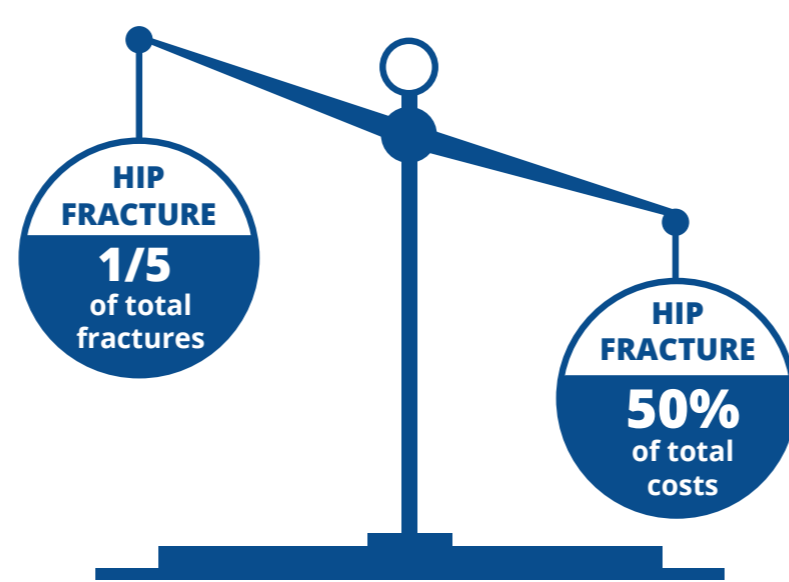
*Chronic Obstructive Pulmonary Disease

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 Germany among individuals of pre-retirement age affected by fragility fractures.

1.380.000

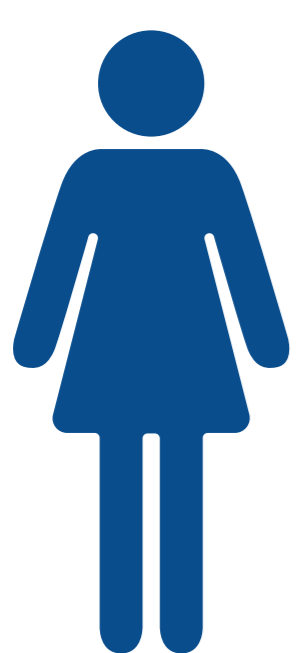
REDUCED MOBILITY AND INABILITY TO CARRY OUT DAILY ACTIVITIES = BURDEN ON CAREGIVERS

HOURS OF CARE PER 1,000 INDIVIDUALS



EFFECTIVE MANAGEMENT IMPROVES OUTCOMES AND REDUCES COSTS

MASSIVE TREATMENT GAP



60%

OF WOMEN **DO NOT RECEIVE TREATMENT** FOLLOWING A FRACTURE

COORDINATED MODELS OF CARE

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

EFFECTS (absolute change)

