

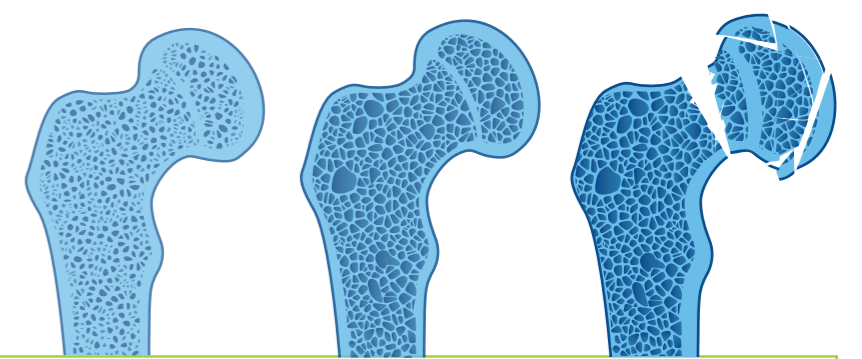
# BROKEN BONES, BROKEN LIVES

THE FRAGILITY FRACTURE CRISIS IN THE UNITED KINGDOM



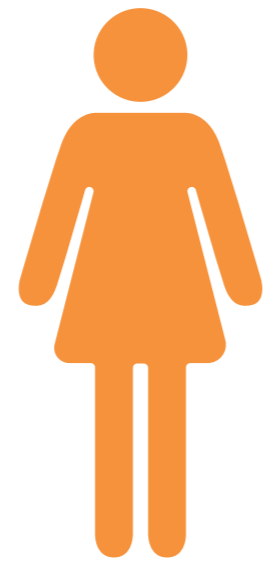
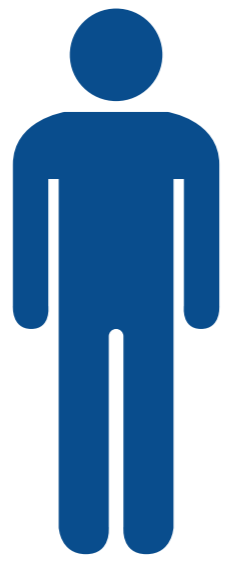
## OSTEOPOROSIS

## FRAGILE BONES THAT FRACTURE EASILY



### ESTIMATED PEOPLE AGED ≥ 50 WITH OSTEOPOROSIS

0.7  
MILLION



2.8  
MILLION

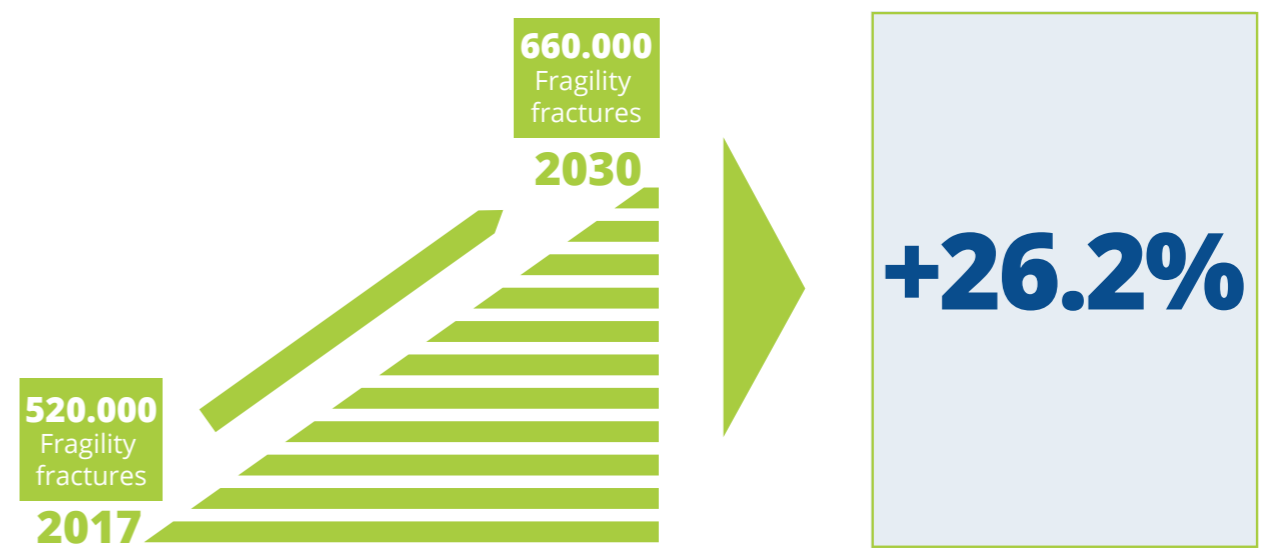
### SIGNIFICANT INCREASE IN FRAGILITY FRACTURES EXPECTED

APPROXIMATELY

520.000

NEW FRACTURES  
IN THE UK DURING

2017



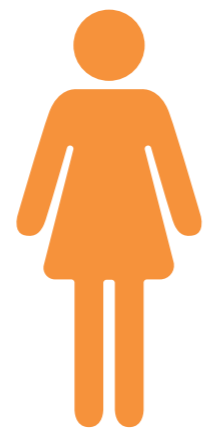
### ESTIMATED LIFETIME RISK OF HIP FRACTURE

FOR MEN  
AGED  
50 YEARS



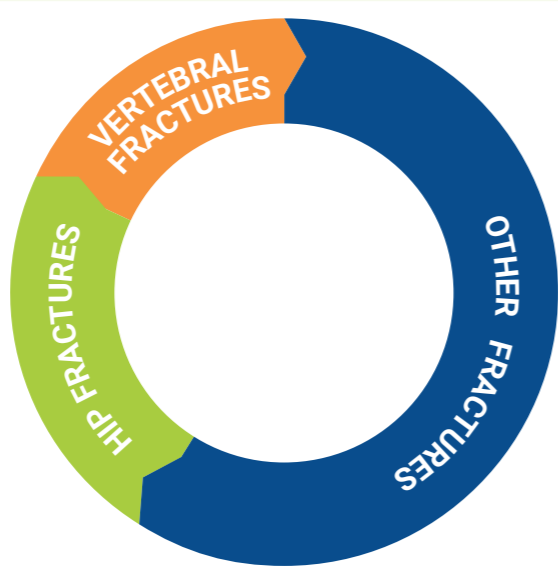
8.3%

FOR WOMEN  
AGED  
50 YEARS



17.2%

### TOTAL NUMBER OF FRAGILITY FRACTURES PER YEAR



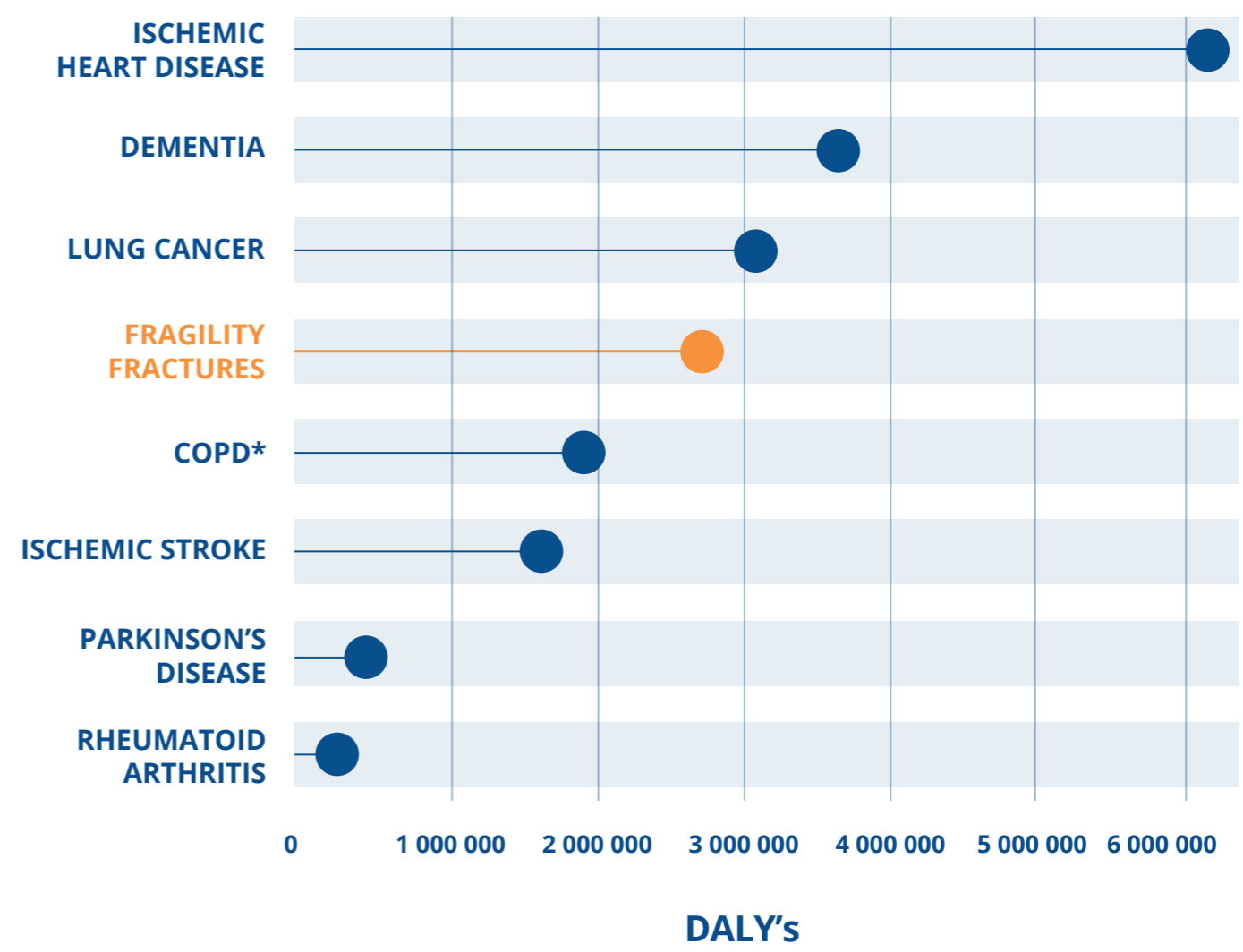
520.000

of which 50% were MOFs\*

- HIP FRACTURES 19%
- VERTEBRAL FRACTURES 16%
- OTHER FRACTURES 65%

\* Major Osteoporotic Fractures

### FRAGILITY FRACTURES ARE THE 4TH MOST BURDENSOME CHRONIC DISEASE



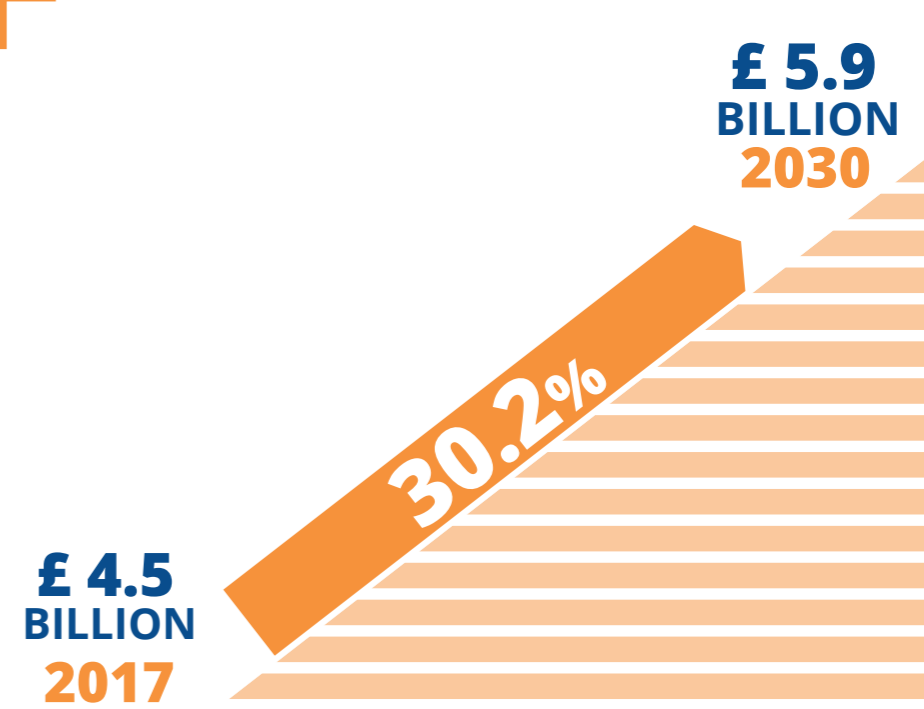
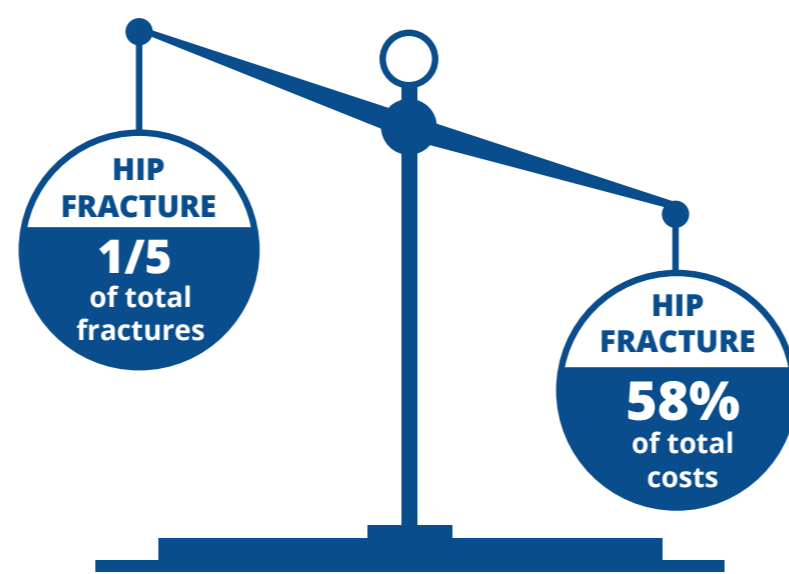
\*Chronic Obstructive Pulmonary Disease

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

2.626.421

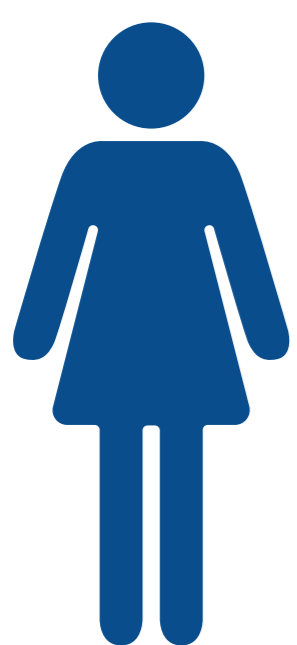
REDUCED MOBILITY AND INABILITY TO CARRY OUT DAILY ACTIVITIES = BURDEN ON CAREGIVERS

### HOURS OF CARE PER 1,000 INDIVIDUALS



## EFFECTIVE MANAGEMENT IMPROVES OUTCOMES AND REDUCES COSTS

### MASSIVE TREATMENT GAP



49%

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)

