

# TASMANIA

## Burden of Osteoporosis, Osteopenia and Associated Fractures in Tasmania



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# Summary – Key Findings

## Burden of Osteoporosis, Osteopenia and Associated Fractures in Tasmania

### Poor Bone Health: 2012-2022

- By 2022, it is estimated there will be 155,300 older people in Tasmania with low bone mass, an increase of 25% from 2012.
- 139,000 adults in Tasmania aged 50 years and older (67%) have osteoporosis or osteopenia (poor bone health) in 2017.
- 125,000 adults in Tasmania aged 50 years and older (66%), had osteoporosis or osteopenia (poor bone health) in 2012.
- Among people in Tasmania aged 50 years and older, 15% had osteoporosis and 52% have osteopenia.
- Among people in Tasmania aged 70 years and older, 43% of women and 13% of men had osteoporosis (13,400 women and 3,300 men).

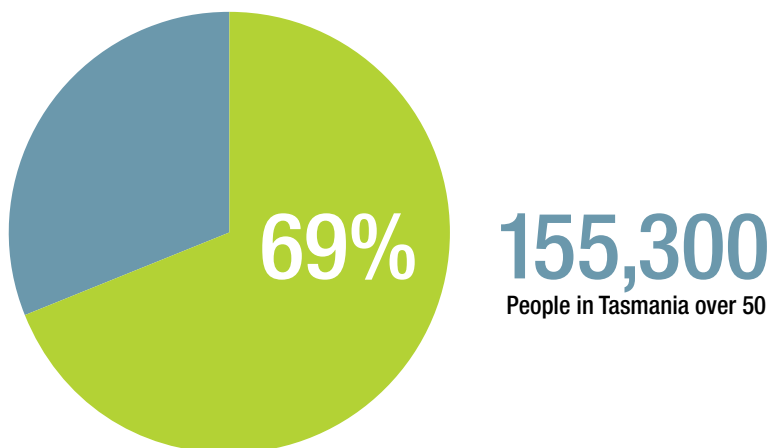
### Fracture Impact: 2012-2022

- The total number of fractures over the ten year period 2013 to 2022 is projected to be 42,871.
- In 2022 it is expected there will be a 32% increase in the annual number of fractures (over 10 years) resulting in 4,900 fractures per annum.
- In 2022 there will be 13.4 fractures every day among older adults in Tasmania. Approximately one in six of these fractures will be a hip fracture.
- In 2017 there will be 11.5 fractures every day among older adults in Tasmania.

### Cost Impact: 2012-2022

- The total direct costs of fractures over the ten years 2013 to 2022 will be \$564 million (2012\$). These costs include ambulance services, hospitalisations and emergency and outpatient departments, rehabilitation, limited aged care and community services.
- In 2017 the total direct costs of osteoporosis and osteopenia in Tasmanian adults aged 50 years and over will be \$78 million of which \$55 million (71%) relates to the treatment of fractures.
- In 2012 the total direct costs of osteoporosis and osteopenia in Tasmania adults aged 50 years and over, were \$67.1 million of which \$47.4 million (71%) relates to the treatment of fractures.

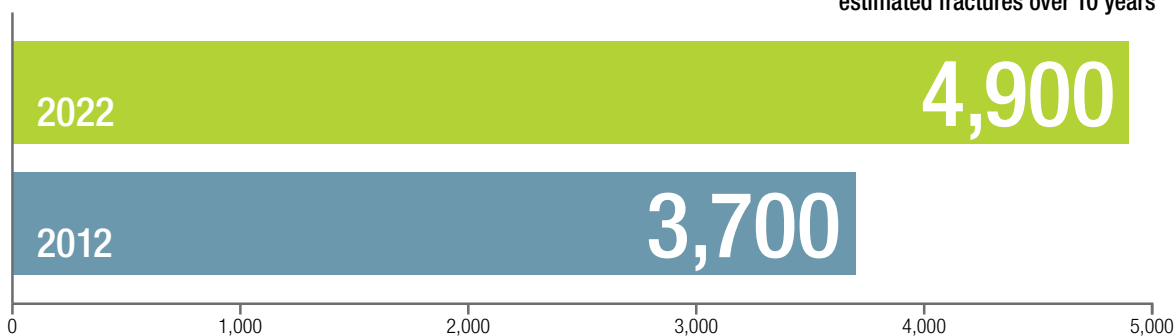
**People in Tasmania over 50 estimated to have osteoporosis or osteopenia in 2022**



**Number of fractures due to osteoporosis and osteopenia**

**42,871**

estimated fractures over 10 years



**Total direct costs of fractures, 2013-2022 (2012\$) \$millions**

**\$564 million**

total cost over 10 years

