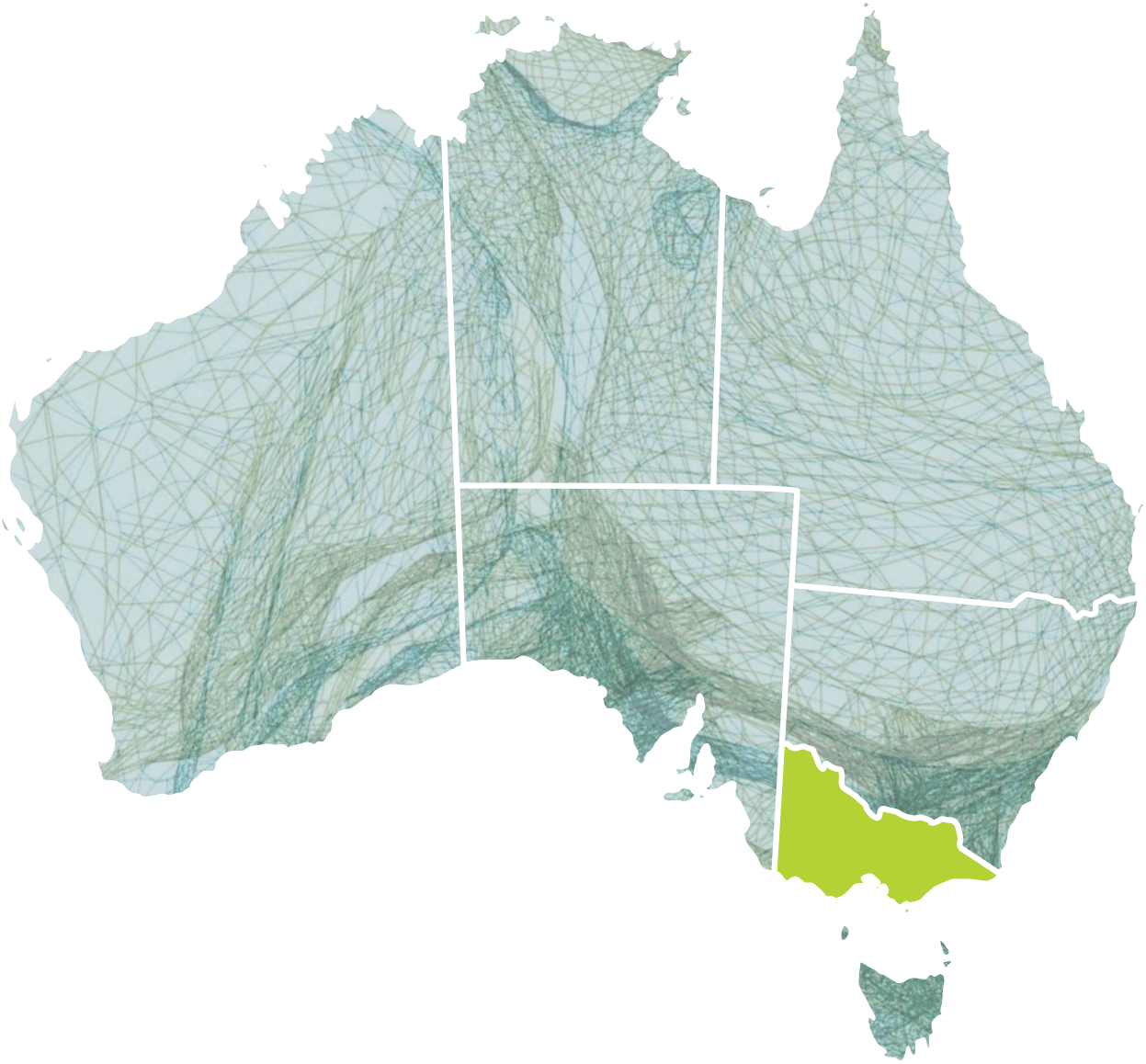
RESULTS FOR VICTORIA

Burden of Osteoporosis, Osteopenia and Associated Fractures in Victoria



osteoporosis australia

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Osteoporosis costing Victoria: A burden of disease analysis – 2012 to 2022

Summary – Key Findings

Burden of Osteoporosis, Osteopenia and Associated Fractures in Victoria

Poor Bone Health: 2012-2022

- By 2022, it is estimated there will be 1.53 million older Victorians with low bone mass, an increase of 30% from 2012.
- 1.36 million Victorians aged 50 years and older (67%) have osteoporosis or osteopenia (poor bone health) in 2017.
- 1.18 million Victorians aged 50 years and older (67%), had osteoporosis or osteopenia (poor bone health) in 2012.
- Among Victorians aged 50 years and older, 15% had osteoporosis and 52% had osteopenia.
- Among Victorians aged 70 years and older, 43% of women and 13% of men had osteoporosis (132,000 women and 31,000 men).

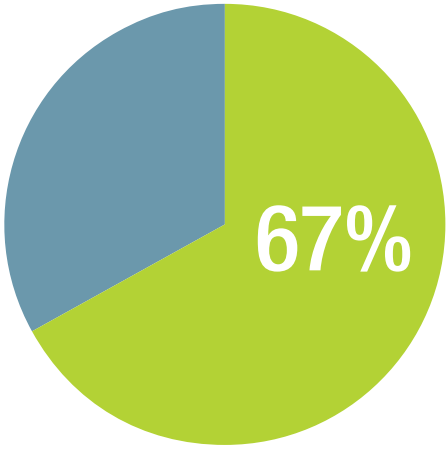
Fracture Impact: 2012-2022

- The total number of fractures over the ten year period 2013 to 2022 is projected to be 419,019.
- In 2022 it is expected there will be a 34% increase in the annual number of fractures (over 10 years) resulting in 47,171 fractures per annum.
- In 2022 there will be 130 fractures every day among older Victorians. More than one in six of these fractures will be a hip fracture.
- In 2017 there will be 113 fractures each day among older Victorians.

Cost Impact: 2012-2022

- The total direct costs of fractures over the ten years 2013 to 2022 will be $5.5 billion (2012$). These costs include ambulance services, hospitalisations and emergency and outpatient departments, rehabilitation, limited aged care and community services.
- In 2017 the total costs of osteoporosis and osteopenia in Victorians aged 50 years and over will be $777 million of which $539 million (69%) relates to the treatment of fractures.
- In 2012 the total costs of osteoporosis and osteopenia in Victorians over 50 years of age were $655 million of which $457 million (70%) relates to the treatment of fractures.

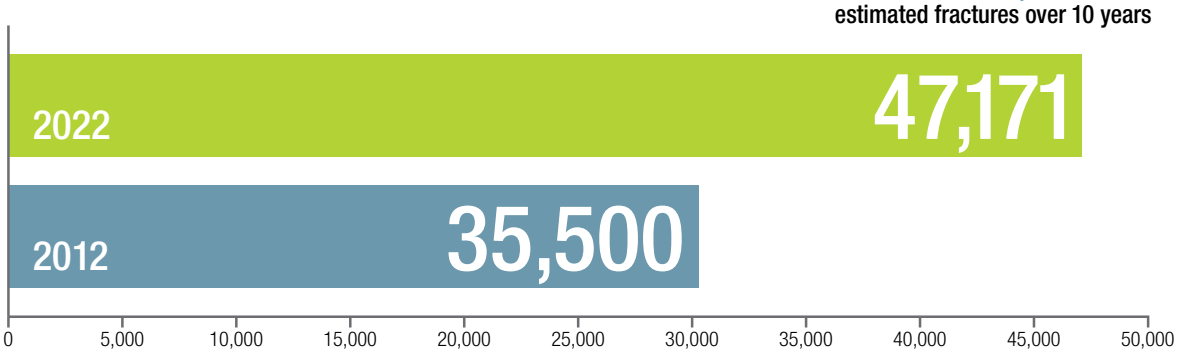
Victorians over 50 estimated to have osteoporosis or osteopenia in 2022



1.53 million
Victorians over 50

Number of fractures due to osteoporosis and osteopenia

419,019
estimated fractures over 10 years



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

$5.5 billion
total cost over 10 years