RESULTS FOR VICTORIA
Burden of Osteoporosis, Osteopenia and Associated Fractures in Victoria

Authors
Kerrie M Sanders, Jennifer J Watts, Julie Abimanyi-Ochom, Ghulam Murtaza
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

- 67% of 1.53 million Victorians over 50

Number of fractures due to osteoporosis and osteopenia

- 2012: 35,500
- 2022: 47,171


- $5.5 billion total cost over 10 years