SOUTH AUSTRALIA
Burden of Osteoporosis, Osteopenia and Associated Fractures in South Australia

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Summary – Key Findings

Burden of Osteoporosis, Osteopenia and Associated Fractures in South Australia

**Poor Bone Health: 2012-2022**

- By 2022, it is estimated there will be 483,098 older people in South Australia with low bone mass, an increase of 25% from 2012.
- 433,000 adults in South Australia aged 50 years and older (67%) have osteoporosis or osteopenia (poor bone health) in 2017.
- Almost 400,000 adults in South Australia aged 50 years and older (67%), had osteoporosis or osteopenia (poor bone health) in 2012.
- Among people in South Australia aged 50 years and older, 15% had osteoporosis and 52% had osteopenia.
- Among people in South Australia aged 70 years and older, 43% of women and 13% of men had osteoporosis (45,000 women and 10,000 men).

**Fracture Impact: 2012-2022**

- The total number of fractures over the ten year period 2013 to 2022 is projected to be 135,000.
- In 2022 it is expected there will be a 31% increase in the annual number of fractures (over 10 years) resulting in 15,300 fractures per annum.
- In 2022 there will be 42 fractures every day among older adults in South Australia. Approximately one in six of these fractures will be a hip fracture.
- In 2017 there will be 36 fractures each day among older adults in South Australia.

**Cost Impact: 2012-2022**

- The total direct costs of fractures over the ten years 2013 to 2022 will be $1.8 billion (2012$). 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 South Australian adults aged 50 years and over will be $255 million, of which $176 million (69%) relates to the treatment of fractures.
- In 2012 the total direct costs of osteoporosis and osteopenia in South Australian adults aged 50 years and over, were $221 million of which $154 million (70%) relates to the treatment of fractures.
People in South Australia over 50 estimated to have osteoporosis or osteopenia in 2022

- People in South Australia over 50: 483,000
- 69%

Number of fractures due to osteoporosis and osteopenia

- 2012: 12,000 fractures
- 2022: 15,300 fractures


- Total cost over 10 years: $1.8 billion