

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).

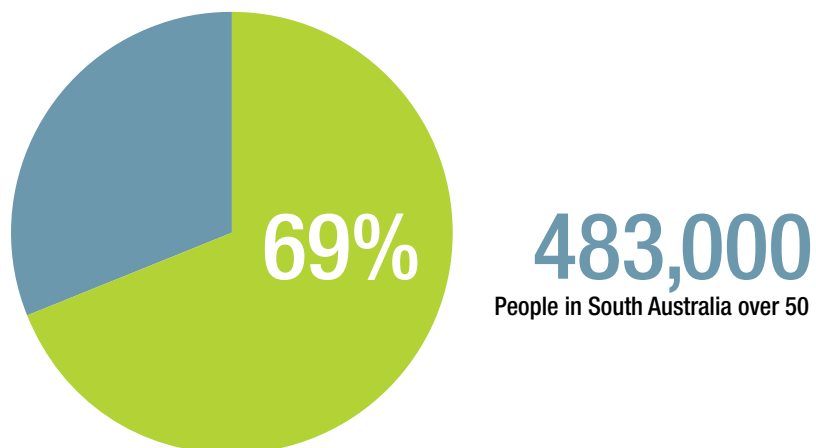
Fracture Impact: 2012-2022

- 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.

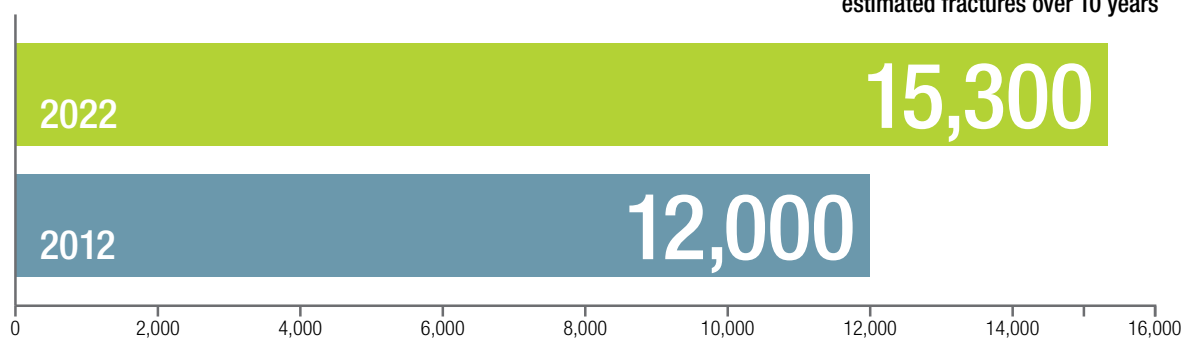
People in South Australia over 50 estimated to have osteoporosis or osteopenia in 2022



Number of fractures due to osteoporosis and osteopenia

135,000

estimated fractures over 10 years



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

\$1.8 billion

total cost over 10 years

