Economic Impact of Stroke Report 2024

State Snapshot: Victoria

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About the Economic Impact of Stroke Report

The Economic Impact of Stroke Report 2024 has estimated the health and economic impacts of stroke in Australia for the 2023 population. Our hope is that this report will inform conversations and evidenced-based decision-making about the allocation of resources to improve stroke prevention and treatment, and enhance recovery.

Stroke Foundation is proud to have partnered with Monash University to produce this report, and is grateful for the generous support of Boehringer Ingelheim, the Angels Initiative and Medtronic that enabled its development.

Whilst the report provides a national outlook, we have also produced a series of state and territory summaries.
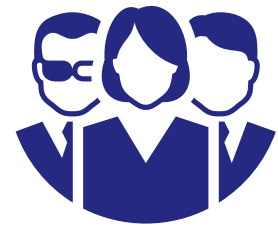
For Victoria in 2023

There were
110,008 residents living with stroke

There were
11,519 stroke events

174 per 100,000
residents experienced a stroke
(**176 per 100,00** in Australia)

The estimated stroke risk in Victoria

1,261,100 (22%)
High blood pressure

563,500 (10%)
Smoking

676,400 (12%)
Physical inactivity

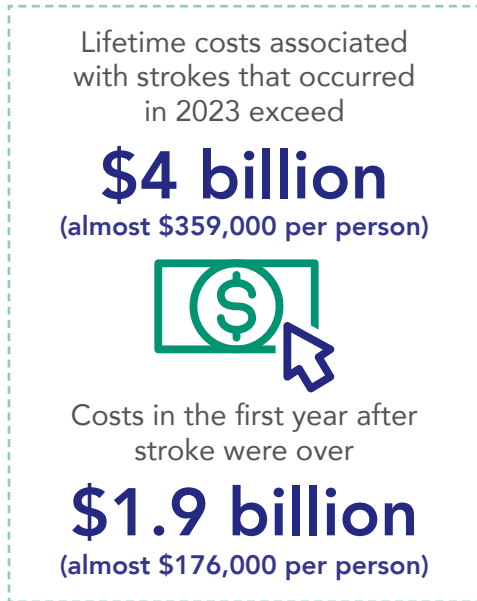**3,570,700 (64%)**
Overweight/obesity

564,800 (10%)
High cholesterol

355,300 (6%)
Diabetes

Cost of stroke to the Victorian economy

Economic modelling undertaken in the report estimates that for strokes that occurred in 2023, the economic impact on the Victorian economy will be $4 billion over a lifetime. This equates to $359,000 per person. In the first year following stroke, the cost is $1.9 billion, which equates to $176,000 per person.

Lifetime costs associated with strokes that occurred in 2023 exceed

$4 billion
(almost $359,000 per person)

Costs in the first year after stroke were over

$1.9 billion
(almost $176,000 per person)

$1.4 billion
in healthcare costs for strokes occurring in 2023 including

$99 million
in road ambulance costs

$1.1 billion
in hospital costs
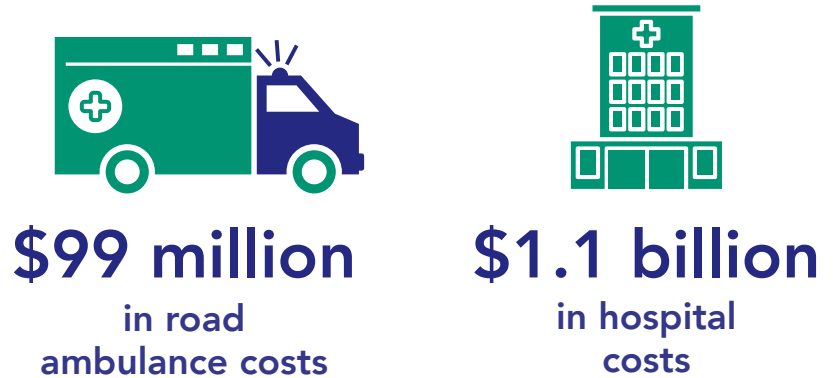
Cost savings from the implementation of initiatives to save lives and enhance recovery

30/60/90 National Stroke Targets

In 2023, national leaders in stroke agreed to bold new targets to ensure Australians have access to timely, world-leading stroke care. The 30/60/90 National Stroke Targets (the Targets) are a group of metrics designed to drive quality improvement activities in the areas of stroke unit access and time-critical endovascular stroke treatments.

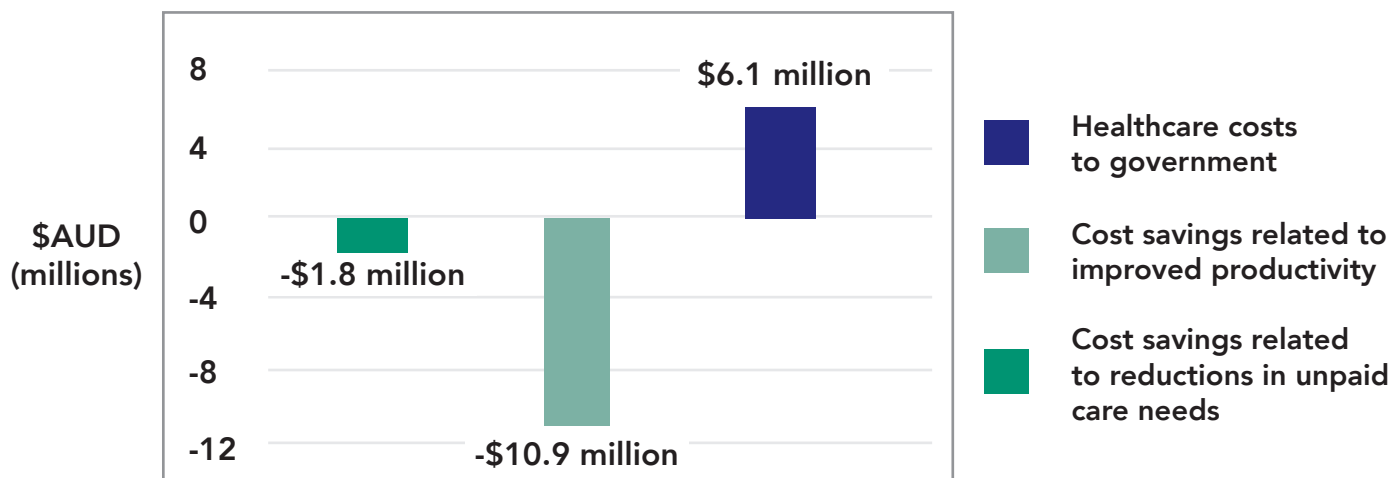The Victorian Government has endorsed the Targets.

The improvements in outcomes, and cost savings, from Victoria achieving the Targets, was modelled using current national rather than state performance measures, and are outlined below.

Target	Number of minutes saved	DALYs avoided
1. Median endovascular clot retrieval door to puncture time <30mins for transfers	3,749	43
2. Median thrombolysis door to needle time <60mins	10,516	52
3. Median door in door out time for endovascular clot retrieval <60mins	23,996	276
4. Median endovascular clot retrieval door to puncture time <90mins for primary presenters	11,233	129
5. Certified stroke unit care provided to >90% of patients with primary stroke diagnosis		524
Total	49,493	1,024

With achievement of the Targets, **1,024 disability-adjusted life years (DALYs) were estimated to be avoided**.

Almost **$6.6 million in savings** were estimated over a lifetime after a stroke with the improvements in provision of acute care. There were increases in costs related to healthcare services ($6.1 million), which were offset by $12.7 million in savings from improved productivity and reduced informal care needs.

The economic impact of achieving the Targets in Victoria is outlined below.

$AUD (millions)	
8	
4	
0	
-4	-$1.8 million
-8	
-12	-$10.9 million

$6.1 million

■ Healthcare costs to government

■ Cost savings related to improved productivity

■ Cost savings related to reductions in unpaid care needs

Improved access to community rehabilitation

After a stroke, the aim of rehabilitation is to regain function and achieve the greatest possible level of independence. There are many different pathways to receiving rehabilitation following stroke that include inpatient and community-based services. **In Victoria, the cost savings over a lifetime associated with improving the provision of community-based rehabilitation for patients after stroke were estimated to be $29.8 million.**

$29.8 million
in savings
by improving access to community rehabilitation services

To find out more and download the Economic Impact of Stroke Report, scan the QR code. If you have specific questions, please contact **advocacy@strokefoundation.org.au**.