Valuing an Australian Icon

The Economic and Social Contribution of Surf Lifesaving in Australia

October 2005
Report to Surf Life Saving Australia Limited
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Summary and Overview
The total value of surf lifesaving services in 2003-04, using the input based approach, is $134.8 million, distributed across Australia as shown in the table below.

<table>
<thead>
<tr>
<th>Jurisdiction</th>
<th>Total Input Value</th>
<th>Total Expenditure</th>
</tr>
</thead>
<tbody>
<tr>
<td>New South Wales</td>
<td>2.7</td>
<td>134.8</td>
</tr>
<tr>
<td>Queensland</td>
<td>9.6</td>
<td></td>
</tr>
<tr>
<td>Victoria</td>
<td>12.9</td>
<td></td>
</tr>
<tr>
<td>South Australia</td>
<td>3.9</td>
<td></td>
</tr>
<tr>
<td>Western Australia</td>
<td>7.4</td>
<td></td>
</tr>
<tr>
<td>Tasmania</td>
<td>1.8</td>
<td></td>
</tr>
<tr>
<td>Northern Territory</td>
<td>0.7</td>
<td></td>
</tr>
<tr>
<td>Surf Life Saving A (including Surf Sports Australia Pty Ltd)</td>
<td>18.9</td>
<td></td>
</tr>
</tbody>
</table>

Note: Values rounded to the nearest $1 million and so may not sum to totals.

The input approach is limited in that it focuses on the costs of lifesaving services and so fails to capture the value that surf lifesaving actually provides directly to the community.

An alternative approach — the output approach — identifies the value of the lives lost and injuries sustained had surf lifesaving services not been available. This approach better reflects the value of volunteer surf lifesavers and surf lifesaving activities.

The total value of surf lifesavers in 2003-04, using the output based approach, is just over $1.4 billion, distributed across Australia as shown in the following table. This value can also be expressed as a benefit per volunteer surf lifesaver, and equals around $42,000 per lifesaver.
### VALUE OF LIVES SAVED AND ASSISTED ($ MILLION)

<table>
<thead>
<tr>
<th>Drowning</th>
<th>Permanent</th>
<th>Minor first aid</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSW</td>
<td>429.6</td>
<td>209.3</td>
<td>733.2</td>
</tr>
<tr>
<td>Qld</td>
<td>391.3</td>
<td>168.4</td>
<td>559.7</td>
</tr>
<tr>
<td>Vic</td>
<td>279.3</td>
<td>141.7</td>
<td>421.0</td>
</tr>
<tr>
<td>SA</td>
<td>273.3</td>
<td>126.7</td>
<td>399.0</td>
</tr>
<tr>
<td>WA</td>
<td>33.8</td>
<td>15.6</td>
<td>49.4</td>
</tr>
<tr>
<td>Tas</td>
<td>3.5</td>
<td>1.7</td>
<td>5.2</td>
</tr>
<tr>
<td>NT</td>
<td>1.0</td>
<td>0.7</td>
<td>1.7</td>
</tr>
<tr>
<td>Total</td>
<td>831.7</td>
<td>368.3</td>
<td>1200.0</td>
</tr>
</tbody>
</table>

Note: Values rounded to the nearest $0.1 million and so may not sum to totals.

### DISTRIBUTION OF BENEFITS FROM LIFE SAVING ($ MILLION)

<table>
<thead>
<tr>
<th>Metropolitan</th>
<th>Non-metropolitan</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSW</td>
<td>312.4</td>
<td>723.2</td>
</tr>
<tr>
<td>Qld</td>
<td>219.1</td>
<td>507.3</td>
</tr>
<tr>
<td>Vic</td>
<td>26.6</td>
<td>69.3</td>
</tr>
<tr>
<td>SA</td>
<td>19.9</td>
<td>46.0</td>
</tr>
<tr>
<td>WA</td>
<td>24.8</td>
<td>56.8</td>
</tr>
<tr>
<td>Tas</td>
<td>2.5</td>
<td>3.3</td>
</tr>
<tr>
<td>NT</td>
<td>0.7</td>
<td>0.8</td>
</tr>
<tr>
<td>Total</td>
<td>604.7</td>
<td>1400.0</td>
</tr>
</tbody>
</table>

Note: Values rounded to the nearest $0.1 million and so may not sum to totals.

As shown in the table below, just less than half (46.1 per cent) of the total lives saved and injuries prevented are in metropolitan areas of Australia (including Geelong and the Gold Coast).

Comparing the output value with the input value provides a benefit-cost ratio. That is, for every dollar expended on life saving, what is the value of lives and injuries avoided? This ratio can be calculated in two ways:

- The benefit cost ratio for surf lifesavers' salaries (if salaries were paid)
- The benefit cost ratio for surf lifesavers' salaries is not included in the cost base. It is assumed that volunteers will remain unpaid and only the actual expenditure of clubs and governing bodies is included as a cost.

The actual expenditure of clubs and governing bodies is included as a cost. The benefit-cost ratio is 16.5.
In both cases the cost-benefit ratio is significantly positive and demonstrates the considerable net benefits directly achieved for the community from surf lifesaving.

Social capital is an umbrella term used to describe the institutions, relationships, attitudes and values that govern interactions among people and contribute to economic and social development. Broadly speaking, social capital is comprised of three main components — norms, networks and trust.

Surf lifesaving contributes to all three components of social capital:
- internal rules, systems and procedures for members and volunteers so that necessary activities are undertaken, and are undertaken in a safe manner;
- external rules, systems and procedures to ensure public safety (e.g., don't swim outside the flags);
- a strong and growing network, which links members and volunteers in a common purpose and so instils a sense of belonging; and

These factors generate spillover benefits for:
- surf lifesaving volunteers and members, through:
- personal satisfaction;
- education;
- personal participation;

and the broader community:
- improved personal health;
- increased social networks;
- the community more generally, through:
- decreased mortality;
- increased economic performance;
- decreased crime;
- safe natural environment; and
- increased tourism.
Lifesaving in Australia
The sources of economic and social benefit attributable to surf

Existence and operation of SLSA

Band 3 — Social spillovers that affect the wider community as a result of the lifesaving activities and

Band 2 — Tangible impacts on individuals who participate in volunteer surf

Band 1 — The core dollar value of surf lifesavers ($1.4 Billion in 2003-04)

As shown in the figure below, the total value of surf lifesavers and lifesaving

Summary — The total social and economic contribution of surf

While these broader benefits are not readily quantifiable, they are nevertheless real
Junior education (infants), surf sports competitions and tournaments.

- Surf Life Saving Northern Territory (SLSTNT)
- Surf Life Saving Tasmania (SLST)
- Surf Life Saving South Australia (SLSSA)
- Surf Life Saving Western Australia (SLSWA)
- Surf Life Saving Victoria (LSV)
- Surf Life Saving Queensland (SLSQ)
- Surf Life Saving New South Wales (SLNSW)

- Group of seven state/territory bodies: Surf Life Saving Australia Limited (SLSA) — located in Sydney, includes the Australian Council for Surf Lifesaving。

1.1 Institutional Structure

Surf Life Saving Australia Limited (SLSA) is the national body for all state and territory surf lifesaving bodies.

The policy and decision-making body for all state and territory surf lifesaving bodies.

SLSA is a national-wide organisation made up of several organisations:

- National body (SLSA)
- Local clubs and state and territory bodies.

The policy and decision-making body for all state and territory surf lifesaving bodies.

The Australian Council for Surf Lifesaving,

This chapter provides a snapshot of the manner in which surf lifesaving activities are organised and undertaken by Surf Life Saving Australia.
The Red Cross Amateur Surf Lifesaving Club aims to provide high-quality training, protection, and support for surf sport competitors and surf lifesaving water safety activities.  

SLSA is a diverse business incorporating Operational Elements.

Australia has 27,000 trained volunteers. In comparison, Red Cross, coastal areas and Australian Surfing Beach Clubs. In comparison, Red Cross.

This diverse range of volunteers makes SLSA one of the largest volunteer organisations in Australia and reflects the proportion of the population that live in rural coastal areas and the proportion of rural coastal areas in Australia. The diversity of volunteers is shown in Figure 1.2.

Operational Elements

Growth in membership and volunteers over the last five years.

One of the key characteristics of SLSA is the number of volunteer members of the various states breakdown of surf lifesaving clubs.

**Preventative Actions**

**First Aid Treatments**

**Rescues**

**Surf Lifesaving & Water Safety Activities**

Australia's beaches. 9000 rescues, 26000 first aid treatments and 17200 preventative actions on Australian beaches.

As Figure 1.3 shows, in 2004-05, Volunteer surf lifesavers were responsible for over 3500 volunteer active surf lifesavers who are members of 303 surf life saving clubs, providing over 300000 beach patrols.

There are 33500 volunteer active surf lifesavers who are members of 303 surf life saving clubs, providing over 300000 beach patrols.

SLSA's major activities are outlined in more detail in the following sections.
In addition, professional SLSA lifeguards are outsourced to many local councils, national parks, and resorts. There are 520 SLSA lifeguards who service 200 beaches across the country. SLSA operates around 70 per cent of all lifeguard services through an entity called Australian Lifeguard Services. SLSA lifeguards differ from Surf Lifesavers, as they are full-time employees of the local government responsible for over 2000 rescues, 8000 first aid treatments and 23900 preventative actions.

Figure 1.4
SLSA LIFEGUARD ACTIONS BY JURISDICTION (2003-04)

Source: Surf Life Saving Australia, unpublished data.

Research, education and training
SLSA undertakes many nation-wide education programs to increase surf safety knowledge and awareness among people of all ages.
In addition to the state and regional championships, all states and the Northern Territory conduct local surf competitions. These are interspersed with a regional event that takes place in January, in which local and international athletes compete for the title of champion and ironwoman champion. The Northern Territory also holds a number of annual events, such as the NT Surfing Championships, which is held in December each year.

The Northern Territory is also home to a number of surfing schools, such as the Surfing and Lifesaving School, which runs a range of courses for both children and adults. These schools provide a range of programs, including surf lifesaving, surf coaching, and water safety courses. The Northern Territory is also home to a number of surf clubs, such as the Northern Territory Surf Club, which has a strong focus on promoting surfing and water safety among its members.

**Surf sports competitions and social activities**

Competition within surf sports is a significant part of life in the Northern Territory, and there are a number of events held throughout the year. These include the annual Northern Territory Surfing Championships, which is held in December each year, and the Northern Territory Lifesaving Championships, which is held in January. There are also a number of smaller events, such as the annual Ironwoman Championships, which is held in December each year.

**Education and lifesaving programs**

The Northern Territory is home to a number of education and lifesaving programs, such as the Northern Territory Surf Club’s Junior Surf Lifesaving program, which is designed to teach children the basics of surf lifesaving. The Northern Territory Surf Club also runs a range of other programs, such as the Junior Surf Lifesaving program, which teaches children the basics of surf lifesaving, and the Northern Territory Surf Club’s Junior Surfing program, which teaches children the basics of surfing.

**Understanding the surf environment**

Understanding the surf environment is a crucial part of being a surfer, and the Northern Territory Surf Club runs a range of programs to help its members understand the environment they surf in. These include the Junior Surf Lifesaving program, which teaches children about the dangers of the surf environment, and the Northern Territory Surf Club’s Junior Surfing program, which teaches children about the basics of surfing in the surf environment.
The value of volunteer time and community services industry

The generalized wage rate was calculated by taking the wage rate and removing average from the health and community services industry.

...as a starting point, it is necessary to take account of

The value of volunteering time

- the expenditure by public and voluntary bodies;
- the value of volunteering time;
- calculated by the sum of the following:

The value of volunteer surt interservices activities under the input based approach is

2.1 Input based approach

Each of these methods are discussed below.

There are two broad-based methods for determining the direct value of surt interservices.

This chapter outlines a number of alternative methods for measuring the direct

The direct value of volunteer surt interservices

Chapter 2
A provision has also been included for travel to and from the surf lifesaving club for all volunteer surf lifesavers. Literature on evaluating the economic value of volunteers indicates that the value of travel should be at 12.7 per cent of total foregone salary. Based on the above inputs, the value of patrol hours for all jurisdictions, including provision for travel, is $50.1 million. Table 2.1 lists the value of patrol hours for each jurisdiction.

<table>
<thead>
<tr>
<th>Jurisdiction</th>
<th>Value of patrol hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSW</td>
<td>29.4</td>
</tr>
<tr>
<td>Qld</td>
<td>12.3</td>
</tr>
<tr>
<td>Vic</td>
<td>4.2</td>
</tr>
<tr>
<td>Sa</td>
<td>1.3</td>
</tr>
<tr>
<td>Wa</td>
<td>2.1</td>
</tr>
<tr>
<td>Tas</td>
<td>0.7</td>
</tr>
<tr>
<td>NT</td>
<td>0.2</td>
</tr>
</tbody>
</table>

Total value of patrol hours: $50.1 million

Note: Values rounded to the nearest $0.1 million and so may not sum to total.

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"Valuing an Australian Icon"
The table below outlines the total value of the input approach by jurisdiction.

<table>
<thead>
<tr>
<th>State</th>
<th>Total Expenditure (Million)</th>
<th>Total Expenditure</th>
<th>Jurisdiction</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TAS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VQA</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>VA</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>VIC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>QLD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NSW</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The table above shows the total expenditure for all states and territories (excluding SLA) is $84.7 million. To estimate the full value of the input approach, the expenditure of Surf Life Saving Clubs and Governing Bodies must also be captured.
Preventative actions are defined as interventions to prevent losses or problems from happening in the first place. Such measures would have resulted in the need for a rescue:

- The number of preventative actions that would have resulted in the need for a volunteer
- The number of losses averted by volunteer surveillance

For the purposes of calculating the value of lives saved, the total number of rescues:

<table>
<thead>
<tr>
<th>Total number of rescues, permanent incapacitation and first aid</th>
<th>Total number of rescues, permanent incapacitation and first aid</th>
</tr>
</thead>
<tbody>
<tr>
<td>The value of lives saved and impacts avoided</td>
<td>The value of lives saved and impacts avoided</td>
</tr>
<tr>
<td>Not available; and</td>
<td>Not available; and</td>
</tr>
<tr>
<td>The number of rescues that would have resulted in a volunteer and losses averted</td>
<td>The number of rescues that would have resulted in a volunteer and losses averted</td>
</tr>
</tbody>
</table>

Therefore, in order to calculate the output value the following equation was used:

\[ \text{Output value of surf lifesaving activities using an output approach} = \text{Total input value} \times \text{NSW Total expenditure} \]

Note: Values rounded to the nearest $0.1 million and so may not sum to total.
Of these total rescues, four major activities would occur if volunteer lifesavers were no longer available:

- a drowning;
- a permanent, incapacitating injury — for example, a spinal cord injury or a broken arm
- a minor injury or first aid treatment — for example, a laceration or a broken bone
- no injury or medical attention required — for example, a family member of friend has performed the rescue or the individual was able to swim to safety.

Given the broad definition of preventative actions and possible interpretations by different states and clubs, a conservative approach has been used and an assumption that 1 per cent of preventative actions would result in a rescue if lifesaving services were no longer available has been used.

The total number of rescues for each jurisdiction is outlined in Table 2.4.

<table>
<thead>
<tr>
<th>Jurisdiction</th>
<th>Total rescues</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSW</td>
<td>5560</td>
</tr>
<tr>
<td>Qld</td>
<td>3900</td>
</tr>
<tr>
<td>Vic</td>
<td>496</td>
</tr>
<tr>
<td>SA</td>
<td>354</td>
</tr>
<tr>
<td>WA</td>
<td>437</td>
</tr>
<tr>
<td>Tas</td>
<td>44</td>
</tr>
<tr>
<td>NT</td>
<td>13</td>
</tr>
<tr>
<td>Total</td>
<td>10,764</td>
</tr>
</tbody>
</table>

Drawing upon the opinion survey of the lifesaving experts (see Appendix B), and similar experience in the United States, it is estimated that if surf lifesaving services were not available:

- 5 per cent of total rescues would have resulted in a drowning;
- 3 per cent of total rescues would have resulted in a permanent incapacitation;
- 14 per cent of total rescues would have resulted in a minor injury or first aid treatment; and
- 78 per cent of total rescues would have resulted in no injury or rescue.

Centre for Disease Control 2001, Life Guard Effectiveness: A Report of the Working Group, CDC.

The breakdown of total rescues for each state and territory including severity analysis is displayed in Table 2.4.
The value can be expressed as a benefit of around $42,000 per volunteer saving.

- Minor injuries and first aid treatments is $65.7 million.
- Permanent incapacitations is $568.3 million.
- Downwings is $831.7 million.

The total cost of SLV's activities in terms of preventive:

157 minor injuries or first aid treatments.
319 permanent incapacitations and
455 downwings.

Would have been:

If it is estimated that if SLV's preventive services were not available in 2003, there

- The product of the number of downwings, permanent incapacitations and first aid
- The product of minor first aid treatments and cost of minor first aid treatments, would have been undertaken by
- The cost of minor first aid treatments is estimated to be $1.5 million.
- Of a permanent incapacitation is estimated to be $1.7 million.

This methodology can be used to determine the value of a permanent

The value of lives saved and injuries avoided.
### Table 2.6

**DISTRIBUTION OF BENEFITS FROM SURF LIFESAVING ($ MILLION)**

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>Metropolitan</th>
<th>Non-Metropolitan</th>
</tr>
</thead>
<tbody>
<tr>
<td>1993</td>
<td>60.7</td>
<td>29.6</td>
<td>31.1</td>
</tr>
<tr>
<td>9400</td>
<td>69.6</td>
<td>37.0</td>
<td>32.6</td>
</tr>
</tbody>
</table>

Note: Values rounded to the nearest 0.1 million and so may not sum to totals.

The total value of $795.3 million in 2003-04 is made up of 35.9 per cent of lives saved and assisted, equating to a total value of $270.4 million. The non-metropolitan areas of Australia, equating to a total value of $504.7 million, are of similar size and assisted in metropolitan and non-metropolitan areas.

The value of lives saved and assisted is also broken down on a state-by-state basis and then for the total of Australia. For full details, see Table 2.6.

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### Table 2.5

**VALUE OF LIVES SAVED AND ASSISTED ($ MILLION)**

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>Permanent</th>
<th>Migration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1993</td>
<td>60.7</td>
<td>29.6</td>
<td>31.1</td>
</tr>
<tr>
<td>9400</td>
<td>69.6</td>
<td>37.0</td>
<td>32.6</td>
</tr>
</tbody>
</table>

Note: Values rounded to the nearest 0.1 million and so may not sum to totals.
In both cases the cost-benefit ratio is significantly positive and demonstrates the considerable net benefits directly achieved in the community from soil loss reduction.

The significant loss of soil has severe actual effects in 2003-04, when it would result in the production of only 19.8 million per year, which is 15% lower than what it would have been had the soil been conserved. The cost of soil loss is estimated at $2.4 billion, including a cost-benefit ratio of 10.4. The cost of soil loss to the agriculture sector is $2.14 billion, and the total benefits from soil loss are estimated at $1.9 billion, which includes the cost base (i.e., it is assumed that volunteers will remain unpaid and only the cost base is included).

The implied value of salaries for volunteers and interest is not included.

If the implied value of salaries for volunteers and interest is included:

the implied value of salaries for volunteers and interest is not included.

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Networks

Examples of norms within a community network:

Sharing information and knowledge:

The literature on social capital highlights three components of social capital:

3.1 Key elements of social capital

Social capital is a well-documented indicator of an activity's broader benefits.
Promote cooperative behaviour and:
- educational benefits — by spreading knowledge and innovation
- domestic product
- socio-economic spill-over — such as a lower crime rate and a higher gross domestic product
- are more likely to be healthier and more educated
- individual benefits — for example, people who participate in social activities

The existence of strong social capital (e.g., norms, networks and trust as a result of

Particular benefits of social capital
beach clean if they are not updated:
behaviours that run into danger and the first that businesses will be publishing
encouragers that run into danger and the first that businesses will be publishing
of the expectation that they would get in a way that is expected within the community
Trust

Growth of memberships and volunteers over time

In the last five years, SLASA has had continued growth of 12.7 per cent in memberships
and 27.1 per cent in volunteer support services.

Between 1961 and 1999, SLASA has had continued growth of 12.7 per cent in memberships
and 27.1 per cent in volunteer support services.

In 2003, the Productivity Commission model that

Source: SLASA data

Figure 3.1

Mentoring
Volunteers
Memberships
The growth of SLVA membership over time...

...is linked to the number of community and community-based organizations involved in the movement. Increased membership and volunteers result in increased success in both growth of memberships and volunteers. This growth is directly related to the measurement of SLVA as a network and its ability to facilitate social networks and partnerships in volunteer activities. The social spillovers from the activities of organizations such as SLVA are significant. The social spillovers can be seen in the following categories:

**Social spillovers**

1. Personal satisfaction — there is also an element of well-being and fulfillment.
2. Education — there is an improvement in the skills and knowledge of the individual.
3. Improved personal health — studies indicate a link between social involvement and health benefits.
4. Flow-on impacts for individuals (individual benefits that are experienced by participants in activities) such as:
   - Reducing costs — in particular day-to-day business costs.
   - Improved health and well-being.

The social spillovers from the activities of organizations such as SLVA are significant.
increased tourism — SLSA provides a safe beach environment, which makes it an attractive destination for tourists. There is no quantifiable value of increased tourism for the contribution that surf lifesaving has made to tourism.

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**Table A.1**

**Rescue Statistics**

Appendix A
The output based approach methodology

Appendix B
There are two main approaches to identifying the value of life:

- the human capital approach — this approach considers the value of lost productivity as a result of disability and premature death, using lost earnings as a proxy for the economic value of human capital.
- the willingness-to-pay approach — this approach considers the amount people are willing to pay to avoid a death or disability.

The main criticism of the human capital approach is that it fails to recognize pain and suffering, which are generally lower than willingness-to-pay values. Furthermore, economic productivity may be a decision for which a family or society is willing to pay.

Despite this conceptual attraction, the willingness-to-pay approach can be criticized:

- it is extremely difficult to place a value on small reductions in the probability of death.
- it values individual lives based on income distribution, and so may have some distribution bias as the rich are more likely to pay than the poor.
- the value of life is used to inform decisions that affect the values of others. Some values have wide variability in the relative simplicity of calculations and the consistency of results.

The use of the Human Capital Impact of Injury (HCII) approach in this case is justified because there is no evidence of these weaknesses.

The Australian Institute of Criminology values the loss of output component of a life lost at $500 million, and the value of a permanent incapacitation at $1.8 million.

To assess the sensitivity of the estimate, the number of preventative actions has been calculated in 2001.

B3 Sensitivity analysis

Given the observations in box B1, a human capital approach has been used in this case, with an estimated value of a life in 2004 terms of $1.7 million and the value of a permanent incapacitation as $8.1 million.
Sensitivity test 1 — assume nil preventative actions would result in the requirement for a rescue if lifeguard services were no longer available.

Sensitivity test 2 — assume 2% of preventative actions would result in the requirement for a rescue if lifeguard services were no longer available.

* The result of the base case and the sensitivity tests are shown in Table 2.

The three scenarios (i.e., the base case and the two sensitivity tests) serve as a basis to determine the number of preventative actions that would result in a rescue if lifeguard services were no longer available. The weighted average results of the opinion survey were used to determine the number of rescues that were then multiplied by the probability of injury or first aid treatment and no injury if lifeguard services were no longer available.

In 2004 there were 127,000 preventative actions. Under this sensitivity test, none of these preventative actions would result in a rescue (i.e., the preventative actions are undertaken for the safety of others but only a small proportion of lives would be saved).

In 2004 there were 127,000 preventative actions. Under this sensitivity test, 2% of these preventative actions would result in a rescue (i.e., the preventative actions are undertaken for the safety of others but only a small proportion of lives would be saved).
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Base case and Sensitivity tests by State and Territory — Metropolitan + Non-Metropolitan ($ million)

Table 8.1