

# COMMUNITY EMERGENCY RISK ASSESSMENT CRITERIA

Consequence Rating Criteria (Table 1)

Rating	People	Environment	Economy	Public Administration	Social Setting	Infrastructure
<b>1 Insignificant</b>	<ul style="list-style-type: none"> <li>Near misses or minor injuries, no reliance on health system.</li> </ul>	<ul style="list-style-type: none"> <li>Near misses or incidents without environmental damage, no recovery efforts required</li> </ul>	<ul style="list-style-type: none"> <li>Financial loss &lt; 0.1% of the jurisdiction's revenues<sup>1</sup>, to be managed within standard financial provisions.</li> <li>Inconsequential disruptions at business level.</li> </ul>	<ul style="list-style-type: none"> <li>Governing body manages the event within normal parameters.</li> <li>Public administration functions without disturbances.</li> <li>Public confidence in governance, no media attention.</li> </ul>	<ul style="list-style-type: none"> <li>Inconsequential short-term reduction of services.</li> <li>No damages to objects of cultural significance.</li> <li>No adverse emotional and psychological impacts.</li> </ul>	<ul style="list-style-type: none"> <li>Inconsequential short-term failure of infrastructure and service delivery.</li> <li>No disruption to the public services.</li> </ul>
<b>2 Minor</b>	<ul style="list-style-type: none"> <li>Isolated cases of serious injuries.</li> <li>Health system operating within normal parameters.</li> <li>Displacement of people within jurisdictional capacity to cope.</li> <li>Personal support needs being met.</li> </ul>	<ul style="list-style-type: none"> <li>Isolated cases of environmental damage.</li> <li>One-off recovery efforts required to supplement self-repair.</li> <li>Damage localised in extent.</li> <li>Short term impairment of ecosystem functions up to one year.</li> </ul>	<ul style="list-style-type: none"> <li>Financial loss, 0.1-0.3% of the jurisdiction's revenues<sup>1</sup>, requiring activation of reserves to cover loss.</li> <li>Disruptions at business level leading to isolated cases of loss of employment.</li> </ul>	<ul style="list-style-type: none"> <li>Governing body manages the emergency event under emergency regime.</li> <li>Public administration functions with some disturbances.</li> <li>Isolated expressions of public concern.</li> <li>Jurisdiction perceived as able to pursue business as usual despite disruptions.</li> </ul>	<ul style="list-style-type: none"> <li>Isolated and temporary cases of reduced services within community.</li> <li>Repairable damage to objects of cultural/heritage significance.</li> <li>Localised disruption to community wellbeing and social networks over a small area for a period of weeks.</li> </ul>	<ul style="list-style-type: none"> <li>Infrastructure/ systems failure impacts on part of community's functioning over a small area for a short period (a few weeks).</li> <li>Localised inconvenience.</li> </ul>
<b>3 Moderate</b>	<ul style="list-style-type: none"> <li>Isolated cases of lives lost and/or some cases of serious injuries.</li> <li>Health system operating at maximum surge capacity.</li> <li>Displacement of people within capacity of the jurisdiction to cope for periods of less than 24 hours.</li> <li>Elements of jurisdictional personal support system operating at maximum capacity.</li> </ul>	<ul style="list-style-type: none"> <li>Isolated but significant cases of impairment or loss of ecosystem function(s) at locality within jurisdiction.</li> <li>Some remedial efforts required for recovery.</li> <li>Medium term impairment up to two years.</li> </ul>	<ul style="list-style-type: none"> <li>Financial loss, 0.3-1% of the jurisdiction's revenues<sup>1</sup>, requiring adjustments to business strategy to cover loss.</li> <li>Disruptions to selected industry sectors leading to isolated cases of business failure and multiple loss of employment.</li> </ul>	<ul style="list-style-type: none"> <li>Governing body manages the emergency event with considerable diversion from policy.</li> <li>Public administration functions limited by focus on critical services.</li> <li>Instances of public protests with emergent alarm.</li> <li>Significant diversion from State policy goal(s) or program(s).</li> </ul>	<ul style="list-style-type: none"> <li>Ongoing reduced services within community.</li> <li>Permanent damage to objects of cultural/heritage significance.</li> <li>Major disruption to community wellbeing and social networks over a locality for a period of months.</li> </ul>	<ul style="list-style-type: none"> <li>Infrastructure/ systems failure puts severe pressure on part of community's functioning over a medium to large area for a medium period (up to three months).</li> <li>Widespread inconveniences but no external support required.</li> </ul>
<b>4 Major</b>	<ul style="list-style-type: none"> <li>Multiple loss of life (mortality in the order of 0.001% of the jurisdictional population).</li> <li>Health system operating at maximum capacity, under severe pressure.</li> <li>Isolated cases of displacement of people for periods in the order of a day.</li> <li>Jurisdictional personal support system operating at maximum capacity.</li> <li>Normal health care and living standards difficult to maintain.</li> </ul>	<ul style="list-style-type: none"> <li>Severe impairment or loss of ecosystem functions affecting one or more species or regional landscapes.</li> <li>Progressive environmental damage.</li> <li>Extensive recovery effort required.</li> <li>Serious long term impairment or loss of ecosystem function(s) up to five years.</li> </ul>	<ul style="list-style-type: none"> <li>Financial loss, 1-3% of the jurisdiction's revenues<sup>1</sup>, requiring major changes in business strategy to (partly) cover loss.</li> <li>Significant disruptions across industry sectors leading to multiple business failures and loss of employment.</li> </ul>	<ul style="list-style-type: none"> <li>Governing body absorbed with managing the emergency event.</li> <li>Public administration struggles to provide critical services.</li> <li>Loss of public confidence in governance, with serious widespread public outcry and some alarm.</li> <li>State policy goal(s) or program(s) abandoned.</li> </ul>	<ul style="list-style-type: none"> <li>Reduced quality of life within community.</li> <li>Significant loss or damage to objects of cultural/heritage significance.</li> <li>Severe disruption to community wellbeing and social networks over a wide area for up to two years.</li> </ul>	<ul style="list-style-type: none"> <li>Medium to long term (three to six months) failure of significant infrastructure and service delivery affecting large parts of the community.</li> <li>Initial external support required.</li> </ul>
<b>5 Catastrophic</b>	<ul style="list-style-type: none"> <li>Widespread multiple loss of life (mortality in the order of 0.01% of the jurisdictional population).</li> <li>Health system overstressed.</li> <li>Large numbers of displaced people for periods of days or more.</li> <li>Aid sourced from outside the jurisdiction, people leave the jurisdiction to seek help.</li> <li>Normal health care and living standards abandoned.</li> </ul>	<ul style="list-style-type: none"> <li>Widespread severe impairment or loss of ecosystem function(s) across many species and multiple or large regional landscapes.</li> <li>Irrecoverable environmental damage.</li> <li>Permanent loss of ecosystem in its pre-existing form.</li> <li>Limited ecosystem recovery over more than five years.</li> </ul>	<ul style="list-style-type: none"> <li>Unrecoverable financial loss &gt; 3% of the jurisdiction's revenues<sup>1</sup>.</li> <li>Asset destruction across industry sectors leading to widespread business failures and loss of employment</li> </ul>	<ul style="list-style-type: none"> <li>Governing body unable to manage the emergency event.</li> <li>Disordered public administration without effective functioning.</li> <li>Public alarm and unrest, civil order requires inter-jurisdictional reinforcement.</li> <li>Government resigns or alternative governance necessary for some period.</li> </ul>	<ul style="list-style-type: none"> <li>Community ability to support itself severely impaired.</li> <li>Widespread loss of objects of cultural/heritage significance.</li> <li>Severe disruption to community wellbeing and social networks over the whole area or a large part of it for a period of many years.</li> </ul>	<ul style="list-style-type: none"> <li>Long term failure (over six months) of significant infrastructure and service delivery affecting most of the community.</li> <li>Ongoing external support at a large scale required.</li> </ul>

Consequence Category Definitions (Table 2)

<b>People</b>	<ul style="list-style-type: none"> <li>The health system, i.e. doctors, hospitals, ambulances at local/regional levels.</li> <li>Local/regionally-based resources and systems to assist people who are displaced from their homes for a length of time. This includes temporary accommodation.</li> <li>Local/regionally-based resources for supporting affected/displaced people with e.g. material aid, food, financial assistance, personal support services.</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>The continued normal functioning of significant ecosystems.</li> </ul>
<b>Economy</b>	<ul style="list-style-type: none"> <li>The economy of the local area, considering:                             <ul style="list-style-type: none"> <li>value of overall damage and consequential losses incurred</li> <li>disruption to particular sectors of industry</li> <li>need for extraordinary government financial provisions for recovery</li> </ul> </li> </ul>
<b>Public Administration</b>	<ul style="list-style-type: none"> <li>Relates to the impacts of the emergency on the governing body's ability to govern.</li> </ul>
<b>Social Setting</b>	<ul style="list-style-type: none"> <li>The ability of the community to maintain normal functioning, its resilience, its social fabric and cultural values and heritage.</li> </ul>
<b>Infrastructure</b>	<ul style="list-style-type: none"> <li>The functionality and continued supply, via the critical infrastructure systems, of the essentials of contemporary society, e.g. fuel, water, telecommunications, transport, food supply, money.</li> </ul>

Controls / mitigation activities rating criteria (Table 3)

Rating	Criteria
<b>1 Effective</b>	<ul style="list-style-type: none"> <li>Controls in place are effective. There may be no need to change the controls but they should be reviewed for appropriateness.</li> </ul>
<b>2 Moderately effective</b>	<ul style="list-style-type: none"> <li>Although current controls are effective, some improvement opportunities may be/have been identified. Further review and analysis suggested</li> </ul>
<b>3 Moderately ineffective</b>	<ul style="list-style-type: none"> <li>Controls are in place but may be insufficient to reduce risk consequence and/or likelihood to an acceptable level. Review of controls is highly desirable with potential need for update/remediation.</li> </ul>
<b>4 Very ineffective</b>	<ul style="list-style-type: none"> <li>Controls are in place but are likely insufficient to reduce risk consequence and/or likelihood to an acceptable level. Review and remediation of controls is required.</li> </ul>
<b>5 Completely ineffective or non-existent</b>	<ul style="list-style-type: none"> <li>Few if any controls are in place. Urgent review and remediation of controls is required.</li> </ul>

Likelihood Rating Criteria (Table 4)

Likelihood category	Estimated average recurrence interval	Description
<b>1 Very Rare</b>	>1,000 years	<ul style="list-style-type: none"> <li>No recorded events or any indicative evidence</li> <li>No recent events in comparable jurisdictions</li> <li>Minuscule opportunity, reason or means to occur</li> </ul>
<b>2 Rare</b>	101 – 1,000 years	<ul style="list-style-type: none"> <li>Few recorded events or little indicative evidence</li> <li>Some similar events in comparable jurisdictions</li> <li>Little opportunity, reason or means to occur</li> </ul>
<b>3 Unlikely</b>	11 - 100 years	<ul style="list-style-type: none"> <li>Some recorded events</li> <li>Some events in comparable jurisdictions</li> <li>Some opportunity, reason, or means to occur</li> </ul>
<b>4 Possible / Likely</b>	1 - 10 years	<ul style="list-style-type: none"> <li>Many recorded events</li> <li>Some events in comparable jurisdictions</li> <li>Great opportunity, reason, or means to occur</li> </ul>
<b>5 Almost Certain</b>	More than once a year	<ul style="list-style-type: none"> <li>Expected to occur in most circumstances; with strong anecdotal evidence and history of recorded incidents</li> </ul>