



# Community Emergency Risk Assessment (CERA) Placemat

Table 1: Consequence Rating Table

Rating	People	Environment	Economy	Public Administration	Social Setting
<b>Definitions</b>	- Death as a direct result of emergency. - Critical injuries with long-term or permanent incapacitation- Serious injuries Minor Injuries	- Loss of species and/or landscapes - Loss of environmental value	Decline of economic activity and/ or loss of asset value	Impact of the emergency event on the delivery of core function of the governing bodies for the community	Effect on communities from the emergency event, as distinct from the individual impacts assessed in the people criteria
<b>Insignificant</b> <b>1</b>	Less than 1 in 10,000,000 people for the population of interest	- No damage to eco systems at any level - Inconsequential damage to environment values of interest	- Inconsequential business sector disruption - Loss of asset value less than 0.004% of gross product produced by area of interest	- Governing bodies' delivery of core functions is unaffected or within normal parameters	- Community's social connectedness is disrupted, no permanent dispersal. - Minor damage to object of cultural significance.
<b>Minor</b> <b>2</b>	Greater than 1 in 10,000,000 people for the population of interest	- Minor damage to eco systems or species at a local or regional level. - Minor damage to environment values of interest	- Significant industry or business sector impacted ie. Less than one year profit - Loss of asset value less than 0.004% of gross product produced by area of interest	- Governing bodies encounter limited reduction in delivery of core functions	- Community's social connectedness is damaged, no permanent dispersal. - Damage to object of cultural significance.
<b>Moderate</b> <b>3</b>	Greater than 1 in 1,000,000 people for the population of interest	- Minor damage to ecosystems and species at the state level - Significant loss or impairment of an ecosystem or species at a local or regional level. - Significant damage to environmental values of interest.	- Significant industry or business sector impacted ie. More than one year profit - Loss of asset value less than 0.04% of gross product produced by area of interest	- Governing bodies encounter significant reduction in the delivery of core functions - Governing bodies are required to divert some available resources to deliver core functions or seek external assistance to deliver some of their core functions.	- Community's social connectedness is broken, some permanent dispersal. - Damage or localised widespread damage to object of cultural significance.
<b>Major</b> <b>4</b>	Greater than 1 in 100,000 people for the population of interest	- Minor damage at national level, significant loss at state level and/or severe damage at local or regional level. Severe damage to environmental values	- Significant structural adjustment by industry - Loss of asset value greater than 0.4% of gross product produced by area of interest	- Governing bodies encounter severe reduction in the delivery of core functions - Governing bodies are required to divert a significant amount of available resources to delivery core functions or seek external assistance to deliver the majority of their core functions	- Community's social connectedness is significantly broken, significant permanent dispersal. - Widespread damage or localised permanent loss to object of cultural significance.
<b>Catastrophic</b> <b>5</b>	Greater than 1 in 10,000 for the population of interest	- Permanent destruction at all levels, severe damage at national or state and/or significant loss at national level. - Permanent destruction of environmental values of interest.	- Failure of a significant industry or sector - Loss of asset value greater than 4% of gross product produced by area of interest	- Governing bodies are unable to deliver their core functions.	- The community of interest's social connectedness is irreparably broken. Community ceases to function and disperses. - Widespread and permanent loss to objects of cultural significant

Table 2: Control strength and expediency

Level	Control Strength	Control expediency
<b>High</b> <b>1</b>	Control is highly effective in reducing the level of risk	The control is frequently applied. A procedure to apply the control is well understood and resourced. The cost of applying the control is within current resources and budgets.
<b>Medium</b> <b>2</b>	Control is effective in reducing the level of risk	The control is infrequently applied and is outside of the operators everyday experience. The use of the control has been foreseen and plans for its application have been prepared and tested. Some extraordinary cost may be required to apply the control.
<b>Low</b> <b>3</b>	Control has some effect in reducing the level of risk	The control is applied rarely and operators may not have experience using it. The use of the control may have been foreseen and plans for its application may have been considered, but it is not part of the normal operational protocols and has not been tested. Extraordinary cost is required to apply the control, which may be difficult to obtain.
<b>Very low</b> <b>4</b>	Control has almost no effect in reducing the level of risk	Application of the control is outside of the experience and planning of operators, with no effective procedures or plans for its operation. It has not been foreseen that the control will ever need to be used. The application of the control requires significant cost over and above existing resources, and the cost will most likely be objected to by a number of stakeholders.

Table 3: Likelihood level

Likelihood	Estimated average recurrence interval	Description
<b>Almost certain</b> <b>5</b>	More than once a year	Expected to occur in most circumstances; with strong anecdotal evidence of recorded incidents.
<b>Likely</b> <b>4</b>	1-10 years	Many recorded events Some events in comparable jurisdictions Great opportunity, reason or means to occur
<b>Unlikely</b> <b>3</b>	11-100 years	Some recorded events Some events in comparable jurisdictions Some opportunity, reason or means to occur
<b>Rare</b> <b>2</b>	101- 1,000 years	Few recorded events Some events in comparable jurisdictions Little opportunity, reason or means to occur
<b>Very rare</b> <b>1</b>	>1,000 years	No recorded events No events in comparable jurisdictions Miniscule opportunity, reason or means to occur