

# Hazard Risk Analysis

## *Terrorism*

Terrorism - General  
Terrorism - Biological  
Terrorism - Chemical  
Terrorism - Cyber Terrorism  
Terrorism - Explosives and Bombs  
Terrorism - Nuclear

### **Terrorism**

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This section discusses a number of potential types of outside terrorist attacks that could threaten that could threaten a community. It is not possible to conceive of every possible terrorist attack that could occur on Canadian soil; however, there are some general questions that should allow you to determine whether or not further research is needed to determine the risk of terrorism in your community. Assessing the risk of terrorism should always be done in conjunction with the local RCMP.

### **Definition**

Terrorism is considered to be a hostile act by an individual or group of people, committed against a governing authority and designed to exercise the systematic use of terror (violence, mass destruction to civilian lives, damage to important structures, etc.), especially as a means of coercion. It is important to note that terrorism is different from other conventional forms of violence and is not the same as riots or conflictual social action (refer to the documents in other sections) – terrorist attacks are meant to intimidate the general public of a country, region, or large area, and not just governments, in order to achieve a political, religious or ideological purpose.

### **Discussion**

Terrorism can include a number of different types of actions. Most common are bomb threats, or the actual blowing up of a structure or site with a bomb; sabotage to a building or structure; and kidnapping or hostage situations.

Since 9/11 there have been increased concerns of terrorist activities in Canada from internationally-based groups. Of concern are bio-chemical attacks (e.g., use of anthrax or sarin gas), radiation or nuclear attacks (e.g., dirty bombs), and food and water contamination. Increasingly there are concerns regarding cyber-terrorism and the ability to infiltrate major computer servers and corrupt data bases and financial transactions. Cyber crime and the criminal and terrorist use of information technology are significant issues for law enforcement.

A sophisticated information infrastructure, a large pool of potential hackers within the country, and heavy reliance on computer-based CI are all factors in making computer-based crime a serious threat to Canada.

However, currently the various departments and agencies of the federal government are working to collect, collate, analyze, and synthesize information available on who potential terrorist actors might be, their actual and potential capabilities, intended targets, and recorded attempts to penetrate or attack assets or systems.

It Happened Here...In the summer of 2006, police carried out a massive anti-terrorism sweep in southern Ontario and arrested 17 people. One terrorism plot was to bomb the Toronto Stock Exchange and other prominent buildings. The other plot was "the attempt to create a large al-Qaeda type cell in Toronto — to arm themselves with weapons, and then to create some sort of mayhem that would scare the Canadian public into withdrawing troops from Afghanistan."

**Terrorism- General** - Human-caused

Hazard Rating				High Risk	<input type="checkbox"/>	Low Risk	<input type="checkbox"/>	Need More Info	<input type="checkbox"/>	Not Applicable	<input type="checkbox"/>
Yes	No	Need More Info	Not Applicable	FACTORS							
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Have there been previous terrorist attacks in or near your community?							
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Terrorists generally target specific locations. Are there potential targets in your community such as: strategic military or government facilities; airports or airfields; high profile landmarks; or religious institutions?							
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other potential terrorist targets may include infrastructure related or controversial resource developments. Are there major developments such as transportation corridors, power lines, hydroelectric dams, or oil and gas pipelines through or near your community?							
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There are foreign terrorist organizations operating in Canada. Is there a lack of communication with the RCMP in regards to whether or not there are known terrorists are located in your community?							
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The RCMP is developing an intervention program that mobilizes community resources and local law enforcement to recognize and address individuals at risk of becoming radicalized to violence. Is there a lack of communication with the RCMP in regards to whether there are individuals at risk of becoming radicalized to violence?							

**ASSESS THE RISK FOR THE REMAINING TERRORISM HAZARDS ONLY IF YOUR COMMUNITY IS AT RISK OF TERRORISM.**

**Terrorism - Biological** - Human-caused

Hazard Rating		High Risk	<input type="checkbox"/>	Low Risk	<input type="checkbox"/>	Need More Info	<input type="checkbox"/>	Not Applicable	<input type="checkbox"/>
Yes	No	Need More Info	Not Applicable	<b>FACTORS</b>					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Biological terrorist attacks may occur through the use of bacteria, viruses, or toxins. Are there laboratories or other facilities that use bacteria, virus, or toxins in or near to your community?					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are biologically dangerous materials used in, stored in, or transported through your community?					

**Terrorism – Chemical** - Human-caused

Hazard Rating		High Risk	<input type="checkbox"/>	Low Risk	<input type="checkbox"/>	Need More Info	<input type="checkbox"/>	Not Applicable	<input type="checkbox"/>
Yes	No	Need More Info	Not Applicable	<b>FACTORS</b>					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are dangerous chemicals used, stored, or transported through your community?					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are chemical refineries or chemical plants located in or near your community?					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are there laboratories or other facilities that use dangerous chemicals located in or near your community?					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certain chemicals may be combined to create dangerous chemical compounds. Are chemicals that may be used in agriculture, industry, or at recreational facilities improperly stored?					

**Terrorism – Cyberterrorism** - Human-caused

Hazard Rating		High Risk	<input type="checkbox"/>	Low Risk	<input type="checkbox"/>	Need More Info	<input type="checkbox"/>	Not Applicable	<input type="checkbox"/>
Yes	No	Need More Info	Not Applicable	FACTORS					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Internet security is growing problem around the world. Does your community lack high-level security protocols and database protection systems in place?					

**Terrorism – Explosives and Bombs** - Human-caused

Hazard Rating		High Risk	<input type="checkbox"/>	Low Risk	<input type="checkbox"/>	Need More Info	<input type="checkbox"/>	Not Applicable	<input type="checkbox"/>
Yes	No	Need More Info	Not Applicable	FACTORS					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Explosives are used and stored in various locations in Canada, such as for mining or highways avalanche control. Are explosives located in or near your community?					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Explosive devices can be constructed from readily available materials. Are common explosives or ingredients for explosives used, stored, or transported in your community?					

**Terrorism – Nuclear** - Human-caused

Hazard Rating		High Risk	<input type="checkbox"/>	Low Risk	<input type="checkbox"/>	Need More Info	<input type="checkbox"/>	Not Applicable	<input type="checkbox"/>
Yes	No	Need More Info	Not Applicable	FACTORS					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are facilities that use or make nuclear/radioactive material located in or near to your community?					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are nuclear/radioactive materials used in, stored in, or transported through your community?					

## Historical Events – General Information

**Please Note:** See your Provincial/Territorial Risk and Resilience Information Guides for additional resources, including information regarding your community emergency manager, contact with Aboriginal Affairs and Northern Development Canada, and provincial or territorial Emergency Management Organization (EMO). EMO websites generally provide information specific to the hazards in your territory or province. Band websites or regional Aboriginal community websites can provide more information.

Resources
<p>The “Canadian Disasters - An Historical Survey” website by Robert L. Jones provides a great list of past disasters which have occurred since the 1500s in Canada and have resulted in at least 20 deaths.</p> <p style="text-align: center;"><a href="http://web.ncf.ca/jonesb/DisasterPaper/disasterpaper.html">http://web.ncf.ca/jonesb/DisasterPaper/disasterpaper.html</a></p> <p><b>Keywords:</b> Canadian disasters historical survey</p>
<p>The Public Safety Canada “Canadian Disaster Database” contains a list of past disasters in Canada.</p> <p style="text-align: center;"><a href="http://www.publicsafety.gc.ca/prg/em/cdd/srch-eng.aspx">http://www.publicsafety.gc.ca/prg/em/cdd/srch-eng.aspx</a></p> <p><b>Keywords:</b> Canada disaster database</p>
<p>Wikipedia has a list of disasters in Canada and links to various events; however, it does not have a lot of information about British Columbia.</p> <p style="text-align: center;"><a href="http://en.wikipedia.org/wiki/List_of_disasters_in_Canada">http://en.wikipedia.org/wiki/List_of_disasters_in_Canada</a></p> <p><b>Keywords:</b> Canada disasters wiki</p>
<p>SOS! Canadian Disasters is supported by Library and Archives Canada, and provides some interesting stories on historical events and also has a great website on an education program (Grades 7 to 12) on understanding hazards and disasters in Canada.</p> <p style="text-align: center;"><a href="http://www.collectionscanada.gc.ca/sos/index-e.html">http://www.collectionscanada.gc.ca/sos/index-e.html</a></p> <p><b>Keywords:</b> sos! Canada library archives</p>
<p>CBC Archives have a wide variety of news clips on historical and current disasters in Canada as well as educational information on hazards for teachers. On the CBC Digital Archives webpage, search for “disaster” in their own keyword search bar.</p> <p style="text-align: center;"><a href="http://www.cbc.ca/cgi-bin/MT4/mt-search.cgi?search=disaster&amp;IncludeBlogs=777&amp;limit=20">http://www.cbc.ca/cgi-bin/MT4/mt-search.cgi?search=disaster&amp;IncludeBlogs=777&amp;limit=20</a></p> <p><b>Keywords:</b> CBC archives, Disaster</p>

## References

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