

Hazard Resilience Index (HRI)

Terrorism

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

Terrorism

Please refer to the *Hazard Resilience Index Instructions (HRI)* document for more information on using this document.

Terrorism – General

Hazard Resilience Rating	High Resilience <input type="checkbox"/>	Low Resilience <input type="checkbox"/>	Need More Info <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
---------------------------------	--	---	---	---

Yes	No	Need More Info	Not Applicable	FACTORS	This factor is important to my community
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community response agencies are communicating with provincial or territorial preparedness agencies to receive terrorism preparedness training and to connect to terror information system.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community-based terrorism exercises have taken place in the community-at-large (e.g., table-top or full-scale exercises).	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Facilities that are potential terrorism targets have emergency management plans, including evacuation procedures, and plans for containment of hazardous materials.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In consultation with community officials, the community has determined their needs for the provision of support from police/RCMP and/or security, and surveillance and security in locations at high risk of a terrorist attack.	<input type="checkbox"/>

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residents understand the need for reporting to community leaders and/or local and national policing agencies (e.g., RCMP) around facilities that are potential targets of explosives and bombs.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has provided education and training to residents on preparedness in the event of a terrorist attack.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has regulations that prohibit development, limit land use, or require specific building codes for developments within areas with a high terrorism risk, such as residences in proximity to identified government or private sector facilities. Structures existing prior to this regulation/code have been updated.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a warning system in place, using various means of communication including social media, to notify community residents and businesses of a potential terrorist attack and how to prepare for it.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a warning system in place to notify emergency response personnel of a potential terrorist attack.	<input type="checkbox"/>

Terrorism – Biological

Hazard Resilience Rating	High Resilience <input type="checkbox"/>	Low Resilience <input type="checkbox"/>	Need More Info <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
---------------------------------	--	---	---	---

Yes	No	Need More Info	Not Applicable	FACTORS	This factor is important to my community
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community response agencies are communicating with provincial or territorial preparedness agencies to receive terrorism preparedness training.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community-based biological terrorism exercises have taken place in the community-at-large (e.g., table-top or full-scale exercises).	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Facilities that are potential terrorism targets have emergency management plans, including evacuation and shelter-in-place procedures, and plans for containment of hazardous materials (e.g., blood samples, tissue samples, bacterial cultures, etc.).	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In consultation with community officials, the community has determined their needs for the provision of support from police/RCMP and/or security surveillance and security in locations at high risk of a terrorist attack.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residents understand the need for reporting to community leaders and/or local and national policing agencies (e.g., RCMP) suspicious activities around biological laboratories or drug manufacturing plants that are potential targets of terrorist attacks.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has provided education and training to residents on preparedness in the event of a terrorist attack.	<input type="checkbox"/>

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has regulations that prohibit development, limit land use, or require specific building codes for developments within areas with a high terrorism risk, such as residences in proximity to biological laboratories or drug manufacturing plants. Structures existing prior to this regulation/code have been updated.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a warning system in place, using varied means of communication including social media, to notify community residents and businesses of a potential terrorist attack and how to prepare for it.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a warning system in place to notify emergency response personnel of a potential terrorist attack.	<input type="checkbox"/>

Terrorism – Chemical

Hazard Resilience Rating	High Resilience <input type="checkbox"/>	Low Resilience <input type="checkbox"/>	Need More Info <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
---------------------------------	--	---	---	---

Yes	No	Need More Info	Not Applicable	FACTORS	This factor is important to my community
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chemical or other facilities that are potential terrorism targets have emergency management plans including evacuation and shelter in place procedures and plans for containment of hazardous materials.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community response agencies are communicating with territorial or provincial preparedness agencies to receive terrorism preparedness training.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community-based chemical terrorism exercises have taken place in the community-at-large (e.g., table-top or full-scale exercises).	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In consultation with community officials, the community has determined their needs for the provision of support from police/RCMP and/or security surveillance and security in locations at high risk of a terrorist attack.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residents understand the need for reporting suspicious activities to community leaders and/or local and national policing agencies (e.g., RCMP) around facilities that are potential targets of explosives and bombs.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has provided education and training to residents on preparedness in the event of a terrorist attack.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has regulations that prohibit development, limit land use, or require specific building codes for developments within areas with a high terrorism risk, such as residences in proximity to chemical plants. Structures existing prior to this regulation/code have been updated.	<input type="checkbox"/>

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a warning system in place, using various modes of communication including social media, to notify community residents and businesses of a potential terrorist attack and how to prepare for it.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a warning system in place to notify emergency response personnel of a potential terrorist attack.	<input type="checkbox"/>

Terrorism – Cyber-Terrorism

Hazard Resilience Rating	High Resilience <input type="checkbox"/>	Low Resilience <input type="checkbox"/>	Need More Info <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
---------------------------------	--	---	---	---

Yes	No	Need More Info	Not Applicable	FACTORS	This factor is important to my community
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community offices and agencies safely store and back up all important information and data offsite to help protect them from loss due to fires, floods, malware, viruses or hardware damage; access is restricted to those staff with the appropriate security clearance.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community offices and agencies block spyware attacks by installing and regularly updating anti-spyware software and regularly performing manual checks.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community offices and agencies have strict policies in place that prohibit staff and officials from accessing pornographic or illegal websites.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community offices and agencies have security passwords and protect remote and wireless network access by turning off computers when not in use.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community offices and agencies regularly update all computer software.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community offices and agencies use an appropriate firewall to keep out hackers.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community offices and agencies offer training to employees in the use of safe computer practices.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community response agencies are communicating with territorial or provincial preparedness agencies to receive terrorism preparedness training.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community-based terrorism exercises have taken place in the community-at-large (e.g., table-top or full-scale exercises).	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Facilities that are potential terrorism targets have emergency management plans, including evacuation and shelter-in-place procedures, and plans for containment of hazardous materials.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In consultation with community officials, the community has determined their needs for the provision of support from police/RCMP and/or security surveillance and security in locations at high risk of a terrorist attack.	<input type="checkbox"/>

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a warning system in place, using various means of communication including social media, to notify community residents and businesses of a potential cyber-terrorist attack and how to prepare for it.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a warning system in place to notify emergency response personnel of a potential cyber-terrorist attack.	<input type="checkbox"/>

Terrorism – Explosives and Bombs

Hazard Resilience Rating	High Resilience <input type="checkbox"/>	Low Resilience <input type="checkbox"/>	Need More Info <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
---------------------------------	--	---	---	---

Yes	No	Need More Info	Not Applicable	FACTORS	This factor is important to my community
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Businesses that use explosives on a regular basis monitor usage and provide secure access to these explosives.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community response agencies are communicating with territorial or provincial preparedness agencies to receive terrorism preparedness training and to connect with terror information system.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community-based explosive and bomb terrorism exercises have taken place in the community-at-large (e.g., table-top or full-scale exercises).	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Facilities that are potential terrorism targets have emergency management plans, including evacuation and shelter-in-place procedures.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In consultation with community officials, the community has determined their needs for the provision of support from police/RCMP and/or security surveillance and security in locations at high risk of a terrorist attack.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residents understand the need to, and would, report to community leaders or RCMP suspicious activities around facilities that are potential targets of explosives and bombs.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has provided education and training to residents on preparedness in the event of a terrorist attack.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has regulations that prohibit development, limit land use, or require specific building codes for developments within areas with a high terrorism risk, such as residences in proximity to terrorist targets. Structures existing prior to this regulation/code have been updated.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a warning system in place to notify community residents and businesses of a potential explosive or bomb terrorist attack and how to prepare for it.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a warning system in place to notify emergency response personnel of a potential explosive and bomb terrorist attack.	<input type="checkbox"/>

Terrorism – Nuclear

Hazard Resilience Rating	High Resilience <input type="checkbox"/>	Low Resilience <input type="checkbox"/>	Need More Info <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
---------------------------------	--	---	---	---

Yes	No	Need More Info	Not Applicable	FACTORS	This factor is important to my community
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community response agencies are communicating with territorial or provincial preparedness agencies to receive terrorism preparedness training and to connect with terror information network.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nuclear facilities that are potential terrorism targets regularly update community officials regarding evacuation, shelter-in-place procedures and water/air quality safety measures post-event.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nuclear facilities that are potential terrorism targets have emergency management plans, including evacuation and shelter-in-place procedures, and plans for containment of hazardous materials.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In consultation with community officials, the community has determined their needs for the provision of support from police/RCMP and/or security surveillance and security in locations at high risk of a terrorist attack.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residents understand the need to, and would, report suspicious activities around facilities that are potential targets of explosives and bombs.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has plans in place for the evacuation of residents to safe shelters.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has plans which include banning food and water distribution, sheltering livestock, protecting animal feed and providing uncontaminated feed, especially to milk producing cows, goats, and sheep.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has provided education and training to residents on preparedness in the event of a terrorist attack	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has regulations that prohibit development, limit land use, or require specific building codes for developments within areas with a high terrorism risk, such as residences in proximity to nuclear plants; structures that existed prior to this change in the regulation/code are updated.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a warning system in place, using various means of communication including social media, to notify community residents and businesses of a potential nuclear terrorist attack and how to prepare for it.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a warning system in place to notify emergency response personnel of a potential nuclear terrorist attack.	<input type="checkbox"/>

References

- Communications Security Establishment Canada. (n.d.). Welcome to the communications security establishment Canada: Canada's national cryptologic agency. Retrieved from <http://www.cse-cst.gc.ca/index-eng.html>
- Fingas, M. (2002). *The handbook of hazardous materials spills technology*. New York: McGraw-Hill.
- Gordon, J. A. (2001). *Risk assessment and management in local government emergency planning*. Institute for Catastrophic Loss Reduction. Retrieved from http://www.iclr.org/images/Risk_assessment_and_management_in_local_government_emergency_planning.pdf .
- King County Office of Emergency Management. (2009). *King County regional hazard mitigation plan*. Retrieved from <http://www.kingcounty.gov/safety/prepare/EmergencyManagementProfessionals/Plans/RegionalHazardMitigationPlan.aspx>
- Lemyre, L., Lee, J., Turner, M., & Krewski, D. (2007). Terrorism preparedness in Canada: A public survey on perceived institutional and individual response to terrorism. *International Journal of Emergency Management*, 4, 296-315.
- Melchers, R. E. (2002). Safety and risk in structural engineering. *Progress in Structural Engineering and Materials*, 4, 193–202.
- Public Safety and Emergency Preparedness Canada. (2005). *The chemical, biological, radiological and nuclear strategy of the Government of Canada*. Retrieved from <https://www.publicsafety.gc.ca/cnt/rsrscs/pblctns/rsln-c-strtg-rchvd/rsln-c-strtg-rchvd-eng.pdf>
- Public Safety Canada. (2011). *Action plan 2010-2015 for Canada's cyber security strategy*. Retrieved from: <https://www.publicsafety.gc.ca/cnt/rsrscs/pblctns/ctn-pln-cbr-scrt/ctn-pln-cbr-scrt-eng.pdf>