



# Hazard Resilience Index (HRI)

## Diseases

- Diseases - Animals - Air & Water
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- Diseases - Human - Air and Water Transmitted
- Diseases - Human - Animal Transmitted
- Diseases - Human - Human Transmitted
- Diseases - Human - Food Transmitted
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- Diseases - Plant and Pest Infestations

### Diseases

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

### Diseases – Animals <sup>1 2 3 4 5 6</sup>

#### Air and Water Transmitted

<b>Hazard Resilience Rating</b>	High Resilience <input type="checkbox"/>	Low Resilience <input type="checkbox"/>	Need More Info <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
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	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-based exercises involving air and water transmitted diseases to animals have taken place in the community-at-large (e.g., table-top or full-scale exercises)	<input type="checkbox"/>



## Hazard Resilience Index

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Farmers immediately quarantine any sick animals in order to prevent the spread of disease.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Farmers monitor and test water quality for livestock on a regular basis. .	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers have vaccinated/immunized their livestock herds as appropriate.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The local veterinarian in linked to the <i>Canadian Network for Public Health Intelligence</i> and the <i>Canadian Animal Health Surveillance Network</i> .	<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, farmers and businesses of air and water transmitted diseases to animals and how to protect against them.	<input type="checkbox"/>

## Human Transmitted

<b>Hazard Resilience Rating</b>	High Resilience <input type="checkbox"/>	Low Resilience <input type="checkbox"/>	Need More Info <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
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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-based exercises involving human to animal transmitted diseases 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"/>	Farmers do not feed livestock any food with supplements containing meat or bone or meal.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Farmers immediately quarantine any sick animals in order to prevent the spread of disease. .	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hand washing stations and sanitizers are available throughout the community and farms.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers have joined the Canadian On-Farm Food Safety Program that is based on the internationally accepted food safety control system called <i>Hazard Analysis Critical Control Point</i> .	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers have vaccinated/immunized their livestock herds as appropriate.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers wash hands and surfaces thoroughly and regularly especially after handling animals or around the sick.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers wear protective gear when handling animals (agricultural and wild animals)	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The local veterinarian in linked to the <i>Canadian Network for Public Health Intelligence</i> and the <i>Canadian Animal Health Surveillance Network</i>	<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, farmers and businesses of human to animal transmitted diseases and how to protect against them.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers require visitors to wear special boots and overalls to avoid spreading diseases to livestock.	<input type="checkbox"/>

## Animal Transmitted

<b>Hazard Resilience Rating</b>	High Resilience <input type="checkbox"/>	Low Resilience <input type="checkbox"/>	Need More Info <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
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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-based exercises involving animal to animal transmitted diseases 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"/>	Farmers immediately quarantine any sick animals in order to prevent the spread of disease. .	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Farmers quarantine new animals prior to introducing them to the rest of the herd for at least two weeks.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hand washing stations and sanitizers are available throughout the community and farms.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers have joined the Canadian On-Farm Food Safety Program that is based on the internationally accepted food safety control system called <i>Hazard Analysis Critical Control Point</i> .	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers have vaccinated/immunized their livestock herds as appropriate.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers wash hands and surfaces thoroughly and regularly especially after handling animals or around the sick.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers wear protective gear when handling animals (agricultural and wild animals)	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most household pets have received a rabies vaccination.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community regulates the number of small and/or backyard poultry farms in close proximity to large commercial poultry farms.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The local veterinarian is linked to the <i>Canadian Network for Public Health Intelligence</i> and the <i>Canadian Animal Health Surveillance Network</i>	<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, farmers and businesses of animal to animal transmitted diseases and how to protect against them.	<input type="checkbox"/>

Diseases – Human <sup>7 8 9 10 11 12 13</sup>

Air and Water Transmitted

<b>Hazard Resilience Rating</b>				High Resilience <input type="checkbox"/>	Low Resilience <input type="checkbox"/>	Need More Info <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
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	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-based exercises involving air and water transmitted human diseases and epidemics 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"/>	Hand washing stations and sanitizers are available throughout the community and farms.	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most caregivers in seniors' homes and day care providers know to wash their hands and surfaces thoroughly and regularly especially after being around sick persons.	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most residents have been vaccinated/immunized; particularly the vulnerable groups like children, the elderly, and sick.	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community regularly tests water systems for adequate chlorination levels and for a bacterial and virus count? )	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a public health warning system in place to notify community residents and businesses of air and water transmitted human diseases and how to protect against them.	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a public health warning system in place to notify police, fire and ambulance personnel of air and water transmitted human diseases and epidemics	<input type="checkbox"/>

Animal Transmitted

<b>Hazard Resilience Rating</b>				High Resilience <input type="checkbox"/>	Low Resilience <input type="checkbox"/>	Need More Info <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
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	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-based exercises involving animal to human transmitted diseases 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"/>	Hand washing stations and sanitizers are available throughout the community and farms.	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers have vaccinated/immunized their livestock herds as appropriate.	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most residents ensure that there are no standing pools of water for mosquitoes to breed.	<input type="checkbox"/>

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has mosquito control measures in place. .	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The local veterinarian is linked to the <i>Canadian Network for Public Health Intelligence</i> and the <i>Canadian Animal Health Surveillance Network</i>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a public health warning system in place to notify community residents, farmers and businesses of animal to human transmitted diseases and how to protect against them.	<input type="checkbox"/>

### Human Transmitted

<b>Hazard Resilience Rating</b>	High Resilience <input type="checkbox"/>	Low Resilience <input type="checkbox"/>	Need More Info <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
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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-based exercises involving human to human transmitted diseases have taken place in the community-at-large and the Public Health Agency Pandemic Influenza Exercise for the Health and Emergency Social Services Sectors has been reviewed and or used (e.g., table-top or full-scale exercises)	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hand washing stations and sanitizers are available throughout the community and farms.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Health Care Practitioners access the weekly Canada Communicable Disease Report and advise residents accordingly.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most caregivers in seniors' homes and day care providers know to wash their hands and surfaces thoroughly and regularly especially after being around sick persons.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most residents have been vaccinated/immunized; particularly the vulnerable groups like children, the elderly, and sick.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a public health warning system in place to notify community residents and businesses of human to human transmitted diseases and how to protect against them.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a public health warning system in place to notify police, fire and ambulance personnel of human to human transmitted diseases	<input type="checkbox"/>

### Food Transmitted

<b>Hazard Resilience Rating</b>	High Resilience <input type="checkbox"/>	Low Resilience <input type="checkbox"/>	Need More Info <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
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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-based exercises involving food transmitted diseases to humans 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"/>	Farmers eat only on-farm slaughter of livestock if the animal is healthy and in good condition.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Health inspectors regularly inspect local restaurants and community kitchens	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most hunters know to only eat meat from wild deer and elk that appear to be healthy and in good condition. .	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most residents drink only pasteurized milk and buy meat that has been federally inspected. .	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Public health inspectors regularly inspect farms and farm workers to ensure good hygienic practices.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a public health warning system in place to notify community residents, farmers and businesses of food transmitted diseases to humans and how to protect against them.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a public health warning system in place to notify community residents, visitors and businesses of at risk shellfish and seafood to humans and how to protect against them.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is a public health warning system in place to notify police, fire and ambulance personnel of food transmitted diseases to humans	<input type="checkbox"/>

Diseases – Plants <sup>14 15 16 17</sup>

Human Controlled

<b>Hazard Resilience Rating</b>	High Resilience <input type="checkbox"/>	Low Resilience <input type="checkbox"/>	Need More Info <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
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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-based exercises involving plant diseases 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"/>	Farmers and operators of tree nurseries carefully monitor imported plants to ensure that they do not spread new and/or exotic diseases to existing plants.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Farmers have a quarantine plan in place to deal with diseased plants.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Farmers have considered using film technology to coat the surface of crops protecting them from pests and diseases where applicable.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Farmers have diagnostic and surveillance programs in place to catch infections at the early stages.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers use a diverse range of agricultural crops.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers use environmentally-sensitive pesticides and fungicides to treat plants.	<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, farmers and businesses of plant diseases and how to protect against them.	<input type="checkbox"/>

General

**Hazard Resilience Rating**      High Resilience       Low Resilience       Need More Info       Not Applicable

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-based exercises involving plant diseases 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"/>	Farmers have a quarantine plan in place to deal with diseased plants.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Farmers have considered using film technology to coat the surface of crops protecting them from pests and diseases where applicable.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Farmers have diagnostic and surveillance programs in place to catch infections at the early stages.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers use a diverse range of agricultural crops.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers use environmentally-sensitive pesticides and fungicides to treat plants.	<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, farmers and businesses of plant diseases and how to protect against them.	<input type="checkbox"/>

Pest infestations

**Hazard Resilience Rating**      High Resilience       Low Resilience       Need More Info       Not Applicable

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-based exercises involving pest infestations 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"/>	Farmers have a quarantine plan in place to deal with infested plants.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Farmers have considered using film technology to coat the surface of crops protecting them from pests and diseases where applicable.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Farmers have diagnostic and surveillance programs in place to catch infestations at the early stages.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ministry of Forests officials regularly survey surrounding forests to determine if there are any pest infestations	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers use a diverse range of agricultural crops.	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most farmers use environmentally-sensitive pesticides and fungicides to treat plants.	<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, farmers and businesses of plant infestations and how to protect against them.	<input type="checkbox"/>

## References

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- <sup>1</sup> Anderson, Roy M. & May, Robert M. (1985). Vaccination and herd immunity to infectious diseases. *Nature*, 318, 323-329.
- <sup>2</sup> Health Canada. (2009, October). It's your health: Influenza (the "flu"). Retrieved May 9, 2011, from [http://www.hc-sc.gc.ca/hl-vs/alt\\_formats/pacrb-dgapcr/pdf/iyh-vsv/diseases-maladies/flu-grippe-eng.pdf](http://www.hc-sc.gc.ca/hl-vs/alt_formats/pacrb-dgapcr/pdf/iyh-vsv/diseases-maladies/flu-grippe-eng.pdf)
- <sup>3</sup> Health Canada. (2008, January). It's your health: Avian Influenza (Bird Flu). Retrieved May 10, 2011, from [http://www.hc-sc.gc.ca/hl-vs/alt\\_formats/pacrb-dgapcr/pdf/iyh-vsv/diseases-maladies/avian-aviare-eng.pdf](http://www.hc-sc.gc.ca/hl-vs/alt_formats/pacrb-dgapcr/pdf/iyh-vsv/diseases-maladies/avian-aviare-eng.pdf)
- <sup>4</sup> Canadian Food Inspection Agency. (2010, 21 August). On-farm food safety recognition program. Retrieved May 9, 2011, from <http://www.inspection.gc.ca/english/fssa/polstrat/reco/recoe.shtml>
- <sup>5</sup> Canadian Food Inspection Agency. (2011). The Canadian Network for Public Health Intelligence. Retrieved June 30 2011 from <http://www.inspection.gc.ca/english/anima/surv/cahsnrscze.shtml>
- <sup>6</sup> Otte, M.J., R. Nugent and A McLeod. (2004). Transboundary Animal Diseases: Assessment of Socio-Economic Impacts and Institutional Responses. United Nations: Food and Agriculture Organization.
- <sup>7</sup> British Columbia Ministry of Health. (2010). Social determinants of health. Retrieved May 11, 2011, from <http://www.health.gov.bc.ca/cdms/determinants.html>
- <sup>8</sup> Health Canada. (2009, October). It's your health: Influenza (the "flu"). Retrieved May 9, 2011, from [http://www.hc-sc.gc.ca/hl-vs/alt\\_formats/pacrb-dgapcr/pdf/iyh-vsv/diseases-maladies/flu-grippe-eng.pdf](http://www.hc-sc.gc.ca/hl-vs/alt_formats/pacrb-dgapcr/pdf/iyh-vsv/diseases-maladies/flu-grippe-eng.pdf)
- <sup>9</sup> Canadian Food Inspection Agency. (2010, 21 August). On-farm food safety recognition program. Retrieved May 9, 2011, from <http://www.inspection.gc.ca/english/fssa/polstrat/reco/recoe.shtml>
- <sup>10</sup> Canadian Food Inspection Agency. (2011). The Canadian Network for Public Health Intelligence. Retrieved June 30 2011 from <http://www.inspection.gc.ca/english/anima/surv/cahsnrscze.shtml>
- <sup>11</sup> Public Health Agency of Canada. (2011). Canada Communicable Disease Report. Retrieved June 30 2011 from <http://www.phac-aspc.gc.ca/ccdrw-rmtch/2011/3111-eng.php>
- <sup>12</sup> Public Health Agency of Canada. (2008). Tool Kit – Pandemic Influenza Exercise for the Health and Emergency Social Services Sectors. Retrieved June 30 2011 from [http://www.phac-aspc.gc.ca/publicat/2008/influenza\\_et-bo/index-eng.php](http://www.phac-aspc.gc.ca/publicat/2008/influenza_et-bo/index-eng.php)
- <sup>13</sup> Public Health Agency of Canada. (2011). Using Pesticides for Controlling Mosquitoes. Retrieved July 10 2011 from <http://www.phac-aspc.gc.ca/wn-no/pesticides-insecticides-eng.php>
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