



Hazard Resilience Index (HRI)

Food Shortages

Food Shortages: For Communities that depend mostly on local food for sustenance
 For communities that depend mostly on food grown elsewhere for sustenance

Food Shortages

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

For Communities that depend mostly on local food for sustenance ^{1 2 3}

Hazard Resilience Rating	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 table-top exercises have taken place in the community-at-large to discuss strategies to deal with lack of food	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Farmers have consulted agriculturists and have disease control plans in place for crops	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Farmers use a diverse range of crops to minimize plant-based diseases	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hunting areas are preserved and wildlife management plans are in place	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most homeowners and businesses who have large amounts of frozen food have back-up generators in case of extended power failures	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Plans are in place to ensure sustainable fishing	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has emergency food stocks stored in the community.	<input type="checkbox"/>



For communities that depend mostly on food grown elsewhere for sustenance ⁴

Hazard Resilience Rating	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"/>	Alternate routes are available for the delivery of food (e.g., road and air)	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community-based table-top exercises have taken place in the community-at-large to discuss strategies to deal with lack of food	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Most homeowners have large amounts of frozen food stored and have back-up generators in case of extended power failures	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community encourages and supports locally grown food (e.g., community gardens in the summer).	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community has emergency food stocks stored in the community.	<input type="checkbox"/>

References

¹ Cutler, Peter. (1984). Food crisis in Bangladesh? Report on a visit to Dhaka, 2nd-21st July 1984. *Disasters*, 8:4, 242-243.

² Mahmuti, M., West, J.S., Watts, J., Gladders, P., & Fitt, B.D.L. (2009). Controlling crop disease contributes to both food security and climate change mitigation. *International Journal of Agriculture Sustainability*, 7:3, 189-202.

³ Juroszek, P. & von Tiedemann, A. (2011). Potential strategies and future requirements for plant disease management under a changing climate. *Plant Pathology*, 60:1, 100-112.

⁴ Cutler, Peter. (1984). Food crisis in Bangladesh? Report on a visit to Dhaka, 2nd-21st July 1984. *Disasters*, 8:4, 242-243.