Fact Sheet

National Risk Index Overview

The National Risk Index is an online application from FEMA that identifies communities most at risk to natural hazards.

About the National Risk Index

The National Risk Index is an online mapping application that visualizes natural hazard risk metrics based on 18 natural hazards, expected annual loss, social vulnerability, and community resilience. With this tool, you can discover a holistic view of community risk to natural hazards via online maps and data.
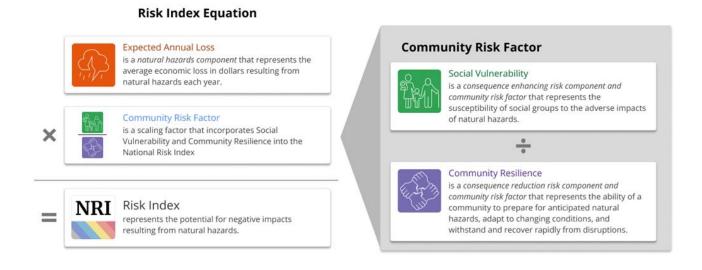

Risk Index Equation

Expected Annual Loss
is a *natural hazards component* that represents the average economic loss in dollars resulting from natural hazards each year.

× **Community Risk Factor**
is a scaling factor that incorporates Social Vulnerability and Community Resilience into the National Risk Index

Community Risk Factor

Social Vulnerability
is a *consequence enhancing risk component and community risk factor* that represents the susceptibility of social groups to the adverse impacts of natural hazards.

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Community Resilience
is a *consequence reduction risk component and community risk factor* that represents the ability of a community to prepare for anticipated natural hazards, adapt to changing conditions, and withstand and recover rapidly from disruptions.

= **NRI** **Risk Index**
represents the potential for negative impacts resulting from natural hazards.

Figure 1: The National Risk Index's equation for calculating risk.

How the National Risk Index Can Help

The Risk Index is easy to use and can support prioritizing resilience efforts by providing an at-a-glance overview of multiple risk factors that can assist communities in:

- Updating emergency operations plans

- Enhancing hazard mitigation plans

- Prioritizing and allocating resources

FEMA

- Identifying the need for more refined risk assessments

- Encouraging community-level risk communication and engagement

- Education homeowners and renters

- Supporting adoption of enhanced codes and standards

- Informing long-term community recovery

The National Risk Index Audience

The Risk Index is accessible to anyone interested in mitigation or understanding a community's natural hazard risk, including:

- Public employees
- Local officials
- Community planners
- Academia
- Homeowners and renters

- Research institutions
- Property owners
- Real estate professionals
- Insurance community

Get Started

- Visit the National Risk Index's website at fema.gov/NRI.

- Explore the Map: Search different areas and learn more about your local natural hazard risk.

- Learn More: Use the interactive platform and documentation to help better understand what factors make your community at risk to natural hazards.

- Expand Your Analyses: Access and use the National Risk Index's data to create your own maps and apps.

For more information, send an email to FEMA-NRI@fema.dhs.gov.