

National Risk Index and Hazard Mitigation Assistance Grants

The [National Risk Index](#) is a new, online application from FEMA that identifies communities most at risk to natural hazards.

About the National Risk Index

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

The Need for Risk Data in Project Development for Hazard Mitigation Grants

Strong mitigation grant applications require access to accurate, current, relevant, and comprehensive risk data. That data can often be spread across many agencies, websites, and levels of government. The Risk Index brings together high-quality risk and resilience information from a variety of contributors that can be leveraged in several Hazard Mitigation Assistance project grant applications and subapplications.



Figure 1. Mitigation in Confluence Park, Denver, Colorado



FEMA

Using the National Risk Index as Supporting Documentation for Hazard Mitigation Assistance Applications

The Risk Index calculates a baseline, relative-risk measurement for each county and Census tract. Specific hazard data at county levels can be retrieved for the following:

- Expected annual loss in dollars
- Frequency/Probability of event (hazard dependent)
- Exposed population in dollars

These data can support multi-jurisdictional projects. Risk Index data are visualized in interactive web maps at the county and Census tract levels and made available via geographic information system (GIS) services for custom analyses. These data can be applied to large-scale infrastructure projects for all Hazard Mitigation Assistance programs.

The National Risk Index will also help communities demonstrate their natural hazard risk and provide them the ability to strengthen their grant application in addition to benefit-cost analysis. The maps and graphics clearly illustrate risk and can help build the case for a mitigation project.

Get Started

- **Access the Application:** Visit the National Risk Index's website at <https://www.fema.gov/nri>.
- **Explore the Map:** Search different areas and learn more about your local natural hazard risk.
- **Create a Report:** Download/print a summary or compare risks between different Census tracts or counties.
- **Learn More:** Use the interactive platform, data, and documentation to help better understand what factors make your community at risk to natural hazards.

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

For more information on mitigation grants, visit: fema.gov/grants/mitigation.