

National Risk Index



March 30, 2022

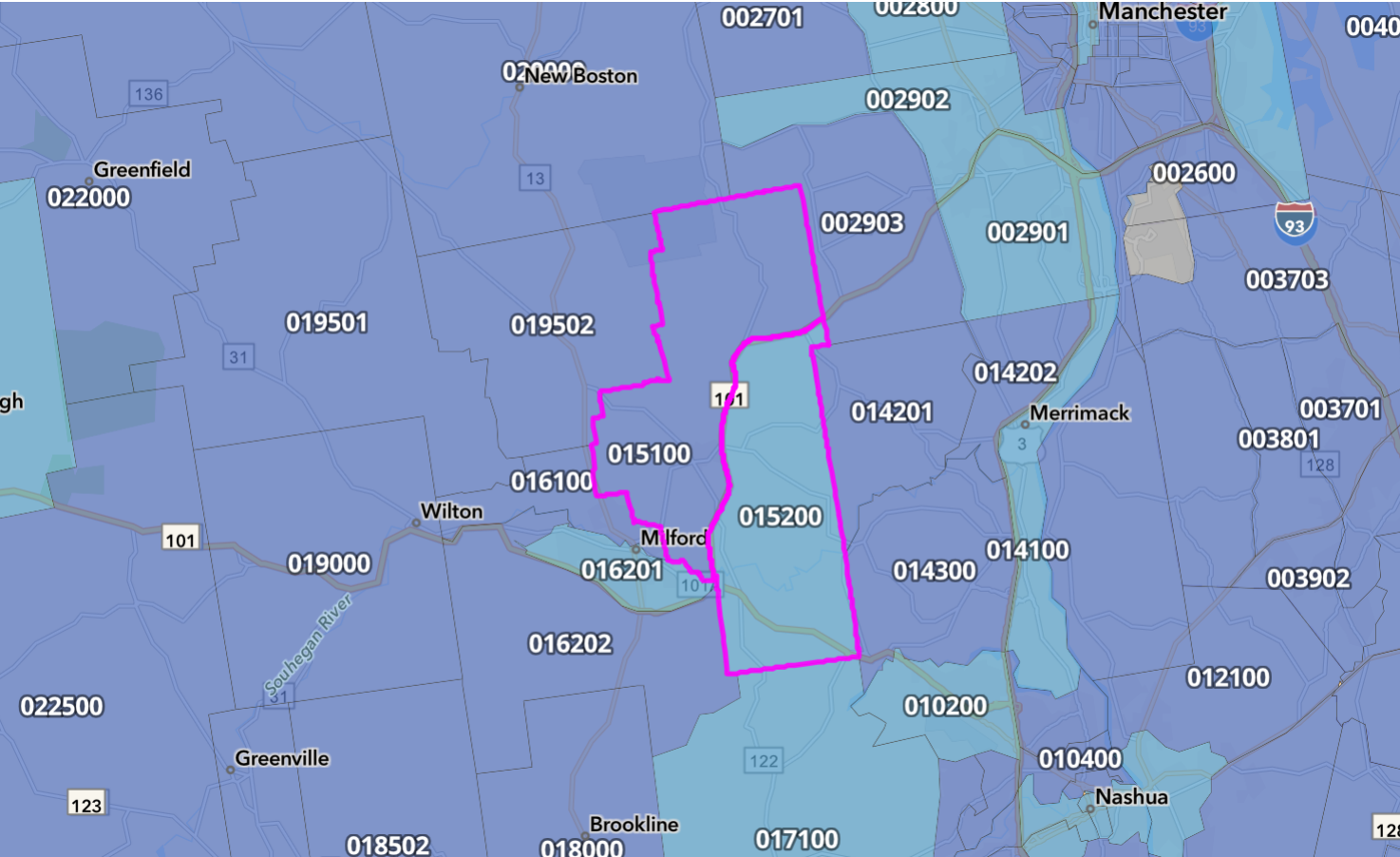
Risk Comparison Report

Use this report to determine how risk factors in selected communities compare to each other. Click a community name in any table below to open an individual risk profile report for that community and review its risk factors in more detail.

While reviewing this report, keep in mind that low risk is driven by lower loss due to natural hazards, lower social vulnerability, and higher community resilience.

For more information about the National Risk Index, its data, and how to interpret the information it provides, please review the **About the National Risk Index** and **How to Take Action** sections at the end of this report. Or, visit the National Risk Index website at hazards.fema.gov/nri/learn-more to access supporting documentation and links.

Risk Index



Risk Index Legend

- Very High
- Relatively High
- Relatively Moderate
- Relatively Low
- Very Low
- No Rating
- Not Applicable
- Insufficient Data

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Low	13.16	0 <div></div> 100
2	Census tract 33011015100	NH	Very Low	10.46	0 <div></div> 100

Hazard Type Risk Index

Hazard type Risk Index scores are calculated using data for only a single hazard type, and reflect a community's relative risk for only that hazard type.

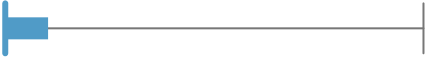

Avalanche

Rank	Community	State	Rating	Score
	Census tract 33011015100	NH	Not Applicable	--
	Census tract 33011015200	NH	Not Applicable	--



Coastal Flooding

Rank	Community	State	Rating	Score
	Census tract 33011015100	NH	Not Applicable	--
	Census tract 33011015200	NH	Not Applicable	--



Cold Wave

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Low	10.37	0  100
2	Census tract 33011015100	NH	Relatively Low	9.27	0  100



Drought

Rank	Community	State	Rating	Score	
1	Census tract 33011015100	NH	Relatively Low	4.82	0 
2	Census tract 33011015200	NH	Relatively Low	4.52	0 



Earthquake

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Low	14.96	0 
2	Census tract 33011015100	NH	Relatively Low	10.23	0 

Hail

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Very Low	5.70	0 
2	Census tract 33011015100	NH	Very Low	5.07	0 



Heat Wave

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Low	7.26	0 
2	Census tract 33011015100	NH	Relatively Low	6.42	0 

Hurricane

Rank	Community	State	Rating	Score
1	Census tract 33011015200	NH	Very Low	6.17
2	Census tract 33011015100	NH	Very Low	5.62



Ice Storm

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively High	28.81	
2	Census tract 33011015100	NH	Relatively Moderate	23.95	

Landslide

Rank	Community	State	Rating	Score
1	Census tract 33011015200	NH	Relatively Low	3.03
2	Census tract 33011015100	NH	Relatively Low	2.84

Lightning

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Low	18.11	
2	Census tract 33011015100	NH	Relatively Low	16.43	

Riverine Flooding

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Moderate	12.40	<div><div></div><div></div></div> 0100
2	Census tract 33011015100	NH	Relatively Low	8.50	<div><div></div><div></div></div> 0100

Strong Wind

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Low	18.21	<div><div></div><div></div></div> 0100
2	Census tract 33011015100	NH	Relatively Low	15.99	<div><div></div><div></div></div> 0100

Tornado

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Low	21.03	<div><div></div><div></div></div> 0100
2	Census tract 33011015100	NH	Relatively Low	18.00	<div><div></div><div></div></div> 0100


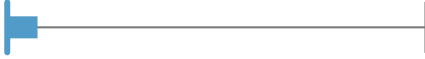
Tsunami

Rank	Community	State	Rating	Score
	Census tract 33011015100	NH	Not Applicable	--
	Census tract 33011015200	NH	Not Applicable	--

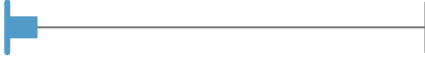

Volcanic Activity

Rank	Community	State	Rating	Score
	Census tract 33011015100	NH	Not Applicable	--
	Census tract 33011015200	NH	Not Applicable	--

Wildfire

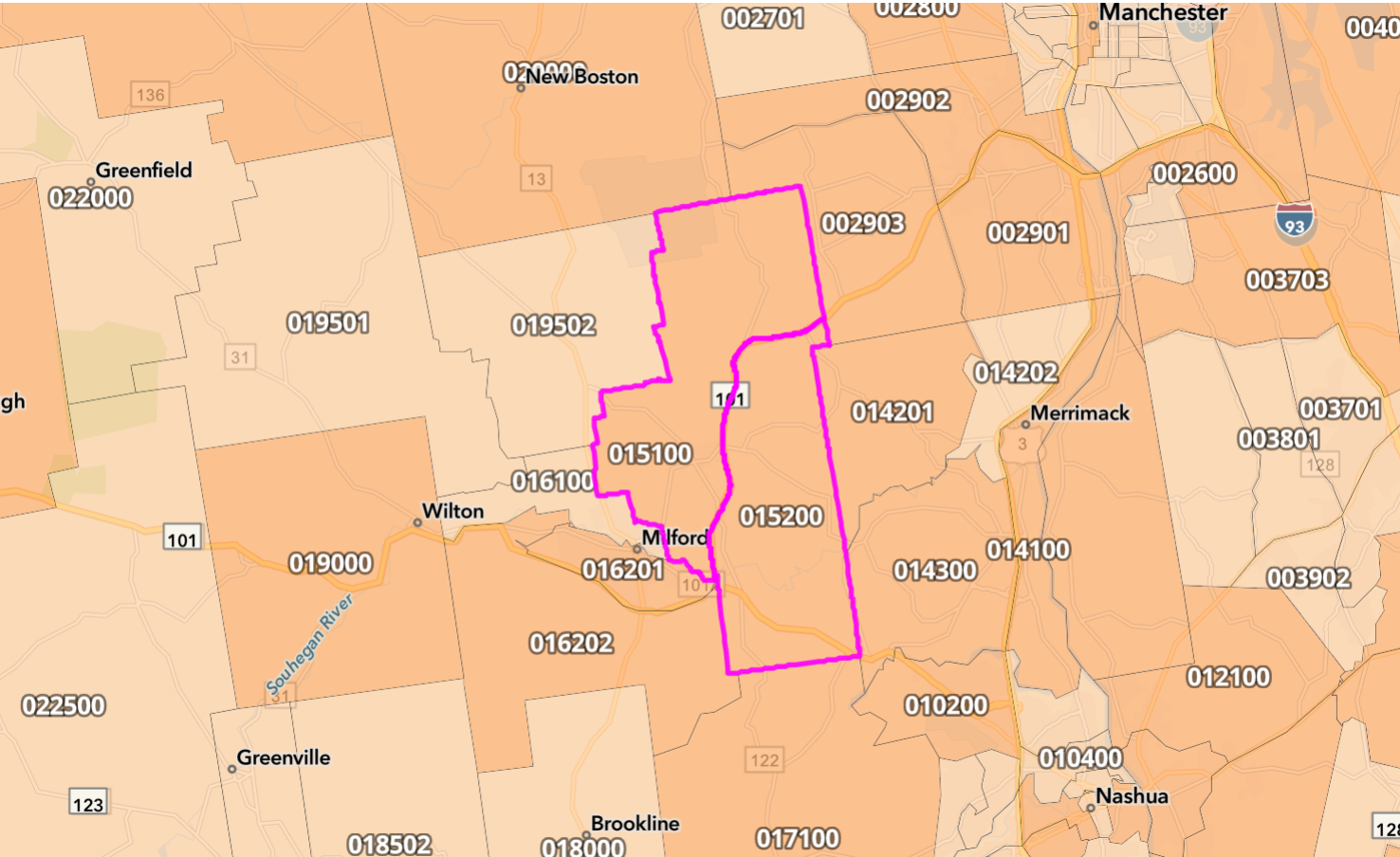
Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Low	7.98	0 
2	Census tract 33011015100	NH	Relatively Low	7.10	0 

Winter Weather

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Low	7.18	0 
2	Census tract 33011015100	NH	Relatively Low	6.36	0 

Expected Annual Loss

Expected Annual Loss measures the expected loss each year due to natural hazards.



Expected Annual Loss Legend

- Very High
- Relatively High
- Relatively Moderate
- Relatively Low
- Very Low
- No Expected Annual Losses
- Not Applicable
- Insufficient Data

Rank	Community	State	Rating	Score
1	Census tract 33011015200	NH	Relatively Low	17.39
2	Census tract 33011015100	NH	Relatively Low	14.92

Expected Annual Loss for Hazard Types

Expected Annual Loss scores for hazard types are calculated using data for only a single hazard type, and reflect a community's relative expected annual loss for only that hazard type.

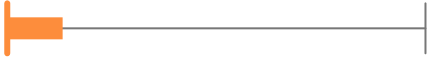

Avalanche

Rank	Community	State	Rating	Score
	Census tract 33011015100	NH	Not Applicable	--
	Census tract 33011015200	NH	Not Applicable	--


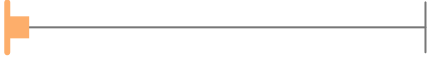
Coastal Flooding

Rank	Community	State	Rating	Score
	Census tract 33011015100	NH	Not Applicable	--
	Census tract 33011015200	NH	Not Applicable	--


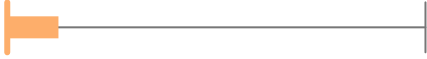
Cold Wave

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Moderate	13.74	0  100
2	Census tract 33011015100	NH	Relatively Moderate	13.25	0  100

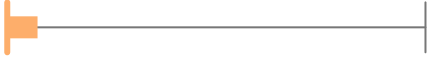

Drought

Rank	Community	State	Rating	Score	
1	Census tract 33011015100	NH	Relatively Low	6.87	0 
2	Census tract 33011015200	NH	Relatively Low	5.96	0 



Earthquake

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Moderate	17.54	0 
2	Census tract 33011015100	NH	Relatively Low	12.93	0 


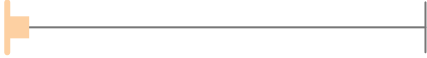
Hail

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Low	7.06	0 
2	Census tract 33011015100	NH	Relatively Low	6.78	0 


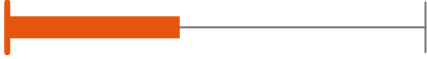
Heat Wave

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Low	10.02	0 
2	Census tract 33011015100	NH	Relatively Low	9.55	0 

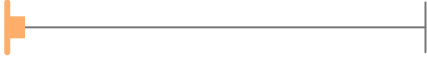

Hurricane

Rank	Community	State	Rating	Score		
1	Census tract 33011015200	NH	Very Low	6.00	0 	100
2	Census tract 33011015100	NH	Very Low	5.90	0 	100



Ice Storm

Rank	Community	State	Rating	Score		
1	Census tract 33011015200	NH	Relatively High	46.13	0 	100
2	Census tract 33011015100	NH	Relatively High	41.38	0 	100


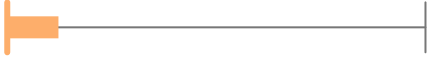
Landslide

Rank	Community	State	Rating	Score		
1	Census tract 33011015100	NH	Relatively Low	4.67	0 	100
2	Census tract 33011015200	NH	Relatively Low	4.62	0 	100


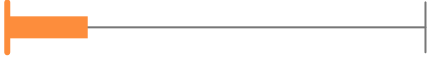
Lightning

Rank	Community	State	Rating	Score		
1	Census tract 33011015200	NH	Relatively Moderate	29.92	0 	100
2	Census tract 33011015100	NH	Relatively Moderate	29.30	0 	100

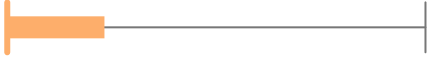

Riverine Flooding

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Moderate	17.45	0 
2	Census tract 33011015100	NH	Relatively Low	12.91	0 

Strong Wind

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Moderate	21.06	0 
2	Census tract 33011015100	NH	Relatively Moderate	19.95	0 

Tornado

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Low	23.47	0 
2	Census tract 33011015100	NH	Relatively Low	21.67	0 


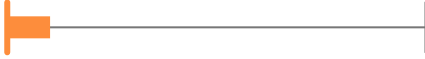
Tsunami

Rank	Community	State	Rating	Score
	Census tract 33011015100	NH	Not Applicable	--
	Census tract 33011015200	NH	Not Applicable	--

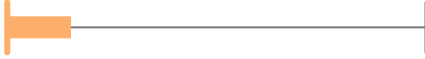

Volcanic Activity

Rank	Community	State	Rating	Score
	Census tract 33011015100	NH	Not Applicable	--
	Census tract 33011015200	NH	Not Applicable	--

Wildfire

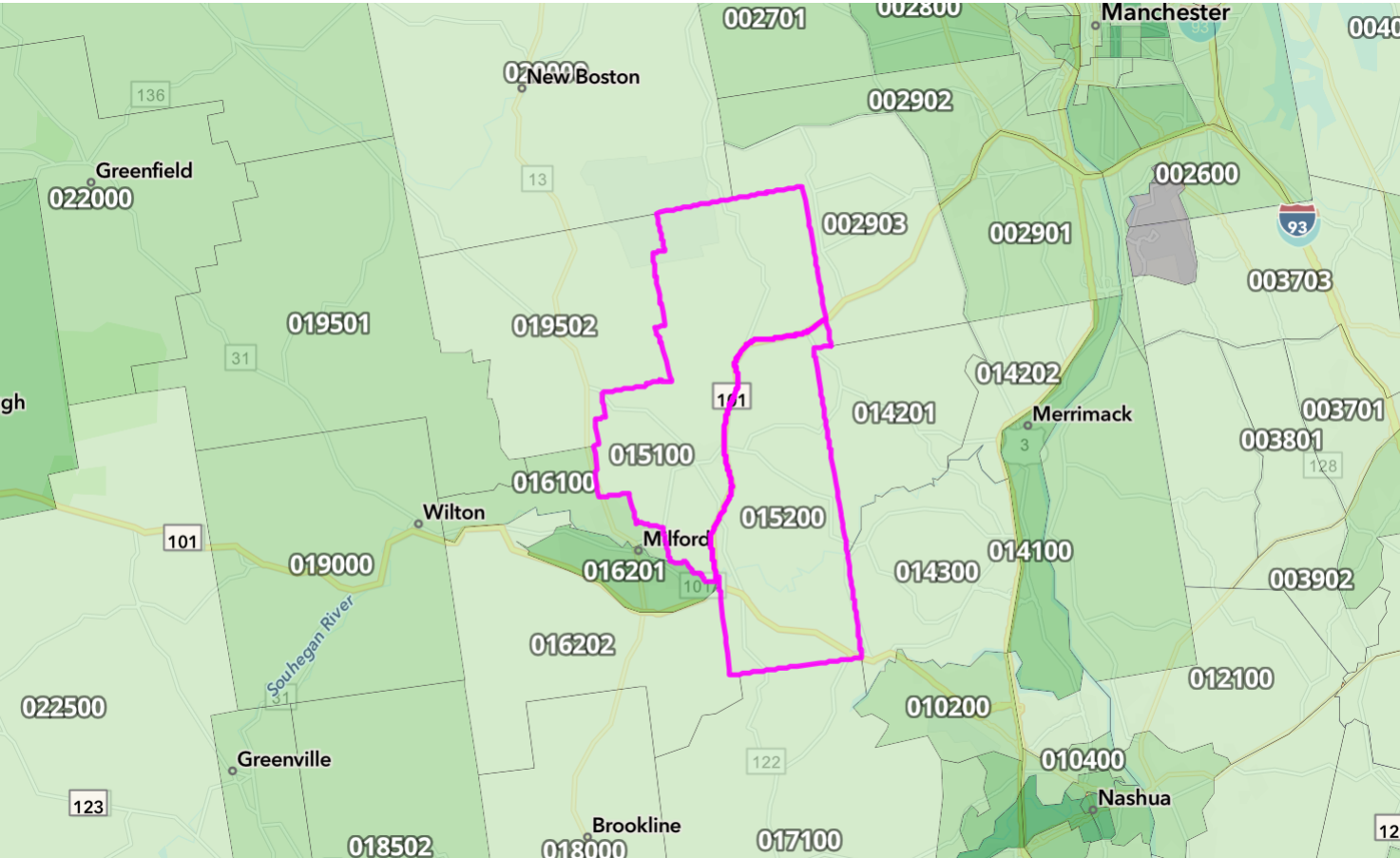
Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Moderate	10.68	0  100
2	Census tract 33011015100	NH	Relatively Moderate	10.25	0  100

Winter Weather

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Relatively Low	15.59	0  100
2	Census tract 33011015100	NH	Relatively Low	14.91	0  100

Social Vulnerability

Social Vulnerability measures the susceptibility of social groups to the adverse impacts of natural hazards, including disproportionate death, injury, loss, or disruption of livelihood.

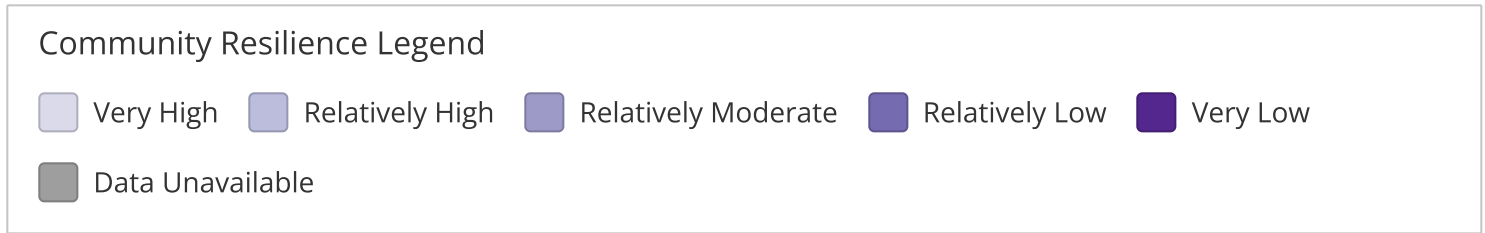


Social Vulnerability Legend

- Very High
- Relatively High
- Relatively Moderate
- Relatively Low
- Very Low
- Data Unavailable

Rank	Community	State	Rating	Score	
1	Census tract 33011015200	NH	Very Low	26.80	0 <div></div> 100
2	Census tract 33011015100	NH	Very Low	24.84	0 <div></div> 100

Community Resilience measures a community's ability to prepare for anticipated natural hazards, adapt to changing conditions, and withstand and recover rapidly from disruptions.



Rank	Community	State	Rating	Score	
1	Census tract 33011015100	NH	Relatively High	56.97	<div><div></div><div>0100</div></div>
1	Census tract 33011015200	NH	Relatively High	56.97	<div><div></div><div>0100</div></div>

About the National Risk Index

The National Risk Index is a dataset and online tool to help illustrate the United States communities most at risk for 18 natural hazards: Avalanche, Coastal Flooding, Cold Wave, Drought, Earthquake, Hail, Heat Wave, Hurricane, Ice Storm, Landslide, Lightning, Riverine Flooding, Strong Wind, Tornado, Tsunami, Volcanic Activity, Wildfire, and Winter Weather.

The National Risk Index leverages available source data for Expected Annual Loss due to these 18 hazard types, Social Vulnerability, and Community Resilience to develop a baseline relative risk measurement for each United States county and Census tract. These measurements are calculated using average past conditions, but they cannot be used to predict future outcomes for a community. The National Risk Index is intended to fill gaps in available data and analyses to better inform federal, state, local, tribal, and territorial decision makers as they develop risk reduction strategies.

Explore the National Risk Index Map at hazards.fema.gov/nri/map.

Visit the National Risk Index website at hazards.fema.gov/nri/learn-more to access supporting documentation and links.

Calculating the Risk Index

Risk Index scores are calculated using an equation that combines scores for Expected Annual Loss due to natural hazards, Social Vulnerability and Community Resilience:

$$\text{Risk Index} = \text{Expected Annual Loss} \times \text{Social Vulnerability} \div \text{Community Resilience}$$

Risk Index scores are presented as a composite score for all 18 hazard types, as well as individual scores for each hazard type.

For more information, visit hazards.fema.gov/nri/determining-risk.

Calculating Expected Annual Loss

Expected Annual Loss scores are calculated using an equation that combines values for exposure, annualized frequency, and historic loss ratios for 18 hazard types:

$$\text{Expected Annual Loss} = \text{Exposure} \times \text{Annualized Frequency} \times \text{Historic Loss Ratio}$$

Expected Annual Loss scores are presented as a composite score for all 18 hazard types, as well as individual scores for each hazard type.

For more information, visit hazards.fema.gov/nri/expected-annual-loss.

Calculating Social Vulnerability

Social Vulnerability is measured using the Social Vulnerability Index (SoVI) published by the University of South Carolina's Hazards and Vulnerability Research Institute (HVRI).

For more information, visit hazards.fema.gov/nri/social-vulnerability.

Calculating Community Resilience

Community Resilience is measured using the Baseline Resilience Indicators for Communities (HVRI BRIC) published by the University of South Carolina's Hazards and Vulnerability Research Institute (HVRI).

For more information, visit hazards.fema.gov/nri/community-resilience.

How to Take Action

There are many ways to reduce natural hazard risk through mitigation. Communities with high National Risk Index scores can take action to reduce risk by decreasing Expected Annual Loss due to natural hazards, decreasing Social Vulnerability, and increasing Community Resilience.

For information about how to take action and reduce your risk, visit hazards.fema.gov/nri/take-action.

Disclaimer

The National Risk Index (the Risk Index or the Index) and its associated data are meant for planning purposes only. This tool was created for broad nationwide comparisons and is not a substitute for localized risk assessment analysis. Nationwide datasets used as inputs for the National Risk Index are, in many cases, not as accurate as available local data. Users with access to local data for each National Risk Index risk factor should consider substituting the Risk Index data with local data to recalculate a more accurate risk index. If you decide to download the National Risk Index data and substitute it with local data, you assume responsibility for the accuracy of the data and any resulting data index. Please visit the [Contact Us](#) page if you would like to discuss this process further.

The methodology used by the National Risk Index has been reviewed by subject matter experts in the fields of natural hazard risk research, risk analysis, mitigation planning, and emergency management. The processing methods used to create the National Risk Index have produced results similar to those from other natural hazard risk analyses conducted on a smaller scale. The breadth and combination of geographic information systems (GIS) and data processing techniques leveraged by the National Risk Index enable it to incorporate multiple hazard types and risk factors, manage its nationwide scope, and capture what might have been missed using other methods.

The National Risk Index does not consider the intricate economic and physical interdependencies that exist across geographic regions. Keep in mind that hazard impacts in surrounding counties or Census tracts can cause indirect losses in your community regardless of your community's risk profile.

Nationwide data available for some risk factors are rudimentary at this time. The National Risk Index will be continuously updated as new data become available and improved methodologies are identified.

The National Risk Index Contact Us page is available at hazards.fema.gov/nri/contact-us.