WILDFIRE RISK TO COMMUNITIES

Interactive maps, charts, and data to help communities understand, explore, and reduce wildfire risk.

www.fs.usda.gov/wildfirerisk

Wildfire Risk to Communities is a free, easy-to-use website with interactive maps, charts, and resources to help communities understand, explore, and reduce wildfire risk. It uses the best available science to identify risk and provides resources to help communities to manage and mitigate risk.

This is the first time that maps and data about community wildfire risk are available nationwide.

Wildfire Risk to Communities can help communities answer questions about how their risk compares to other communities in their county, state, or nationally.

- **Prioritize mitigation efforts** to communities in a state or county with the greatest wildfire risk.
- **Identify communities** where localized wildfire hazard mitigation and planning efforts are most needed.
- **Find resources** to help mitigate and manage risk.

Wildfire Risk to Communities is intended to be a starting point to help answer questions about community risk.

ADVANTAGES:

- Uses nationally consistent data and provides consistent risk metrics across the entire U.S.
- Available nationwide for communities, counties, and states
- Grounded in the best available science
- Easy to use and includes resources and solutions for community action

LIMITATIONS:

- Not fine-scale; best for comparing among rather than within communities
- Not locally calibrated
- Not predictive and does not reflect current fire danger conditions or climate projections
- Not a replacement for state, local, or individual home assessments

Wildfire Risk to Communities **will be useful for:**

ELECTED OFFICIALS

LAND USE PLANNERS

FIRE COLLABORATIVES

FIRE MANAGERS

Wildfire Risk to Communities is a project of the USDA Forest Service, under the direction of Congress in the 2018 Consolidated Appropriations Act. It is led by the USDA Forest Service: National Headquarters – Fire and Aviation Management, and Rocky Mountain Research Stations' Missoula Fire Sciences Laboratory. Pyrologix and Headwaters Economics are partners in developing and delivering the data to the public.

USDA   FOREST SERVICE   PYROLOGIX   HEADWATERS ECONOMICS

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UNDERSTAND RISK. A community's wildfire risk is based on several factors: likelihood, intensity, exposure, and susceptibility.

RISK

HAZARD	X	VULNERABILITY

LIKELIHOOD
the probability of wildfire starting and spreading

INTENSITY
the energy released by a wildfire
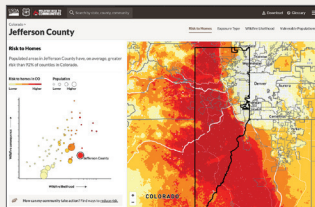
EXPOSURE
the spatial overlap of wildfire and communities

SUSCEPTIBILITY
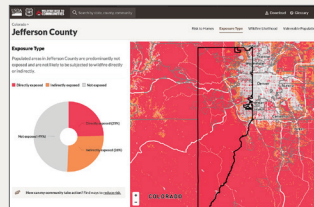whether a community may be harmed by wildfire

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EXPLORE RISK. Wildfire Risk to Communities is searchable by all U.S. communities, counties, and states. It includes data for download and interactive maps and charts showing:
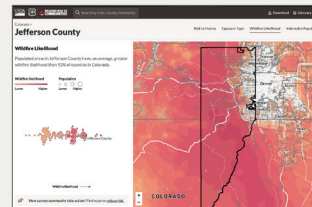

Risk to Homes
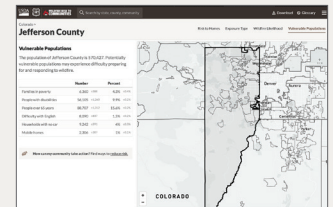The wildfire likelihood, intensity, and expected consequence to homes if a fire occurs.

Exposure Types
Whether homes are exposed directly from adjacent vegetation or indirectly from embers.

Wildfire Likelihood
The annual probability of a wildfire burning in a specific location.

Vulnerable Populations
Shares of the community more susceptible to wildfire because of socioeconomic factors.

REDUCE RISK. Communities can take steps to reduce and manage risk and become better fire-adapted. Find tools and resources to help mitigate wildfire risk in your community.

- HOME IGNITION ZONE
- HOME HARDENING
- LAND USE PLANNING
- WILDFIRE PREPAREDNESS
- COMMUNITY HEALTH
- WILDFIRE PREVENTION
- WILDFIRE RESPONSE
- FUEL TREATMENTS
- POST-FIRE RECOVERY

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