



# Harnessing Canadian Wildfire Data

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PROTECTING LIVES, ECONOMY AND ECOSYSTEMS

# Why this matters?

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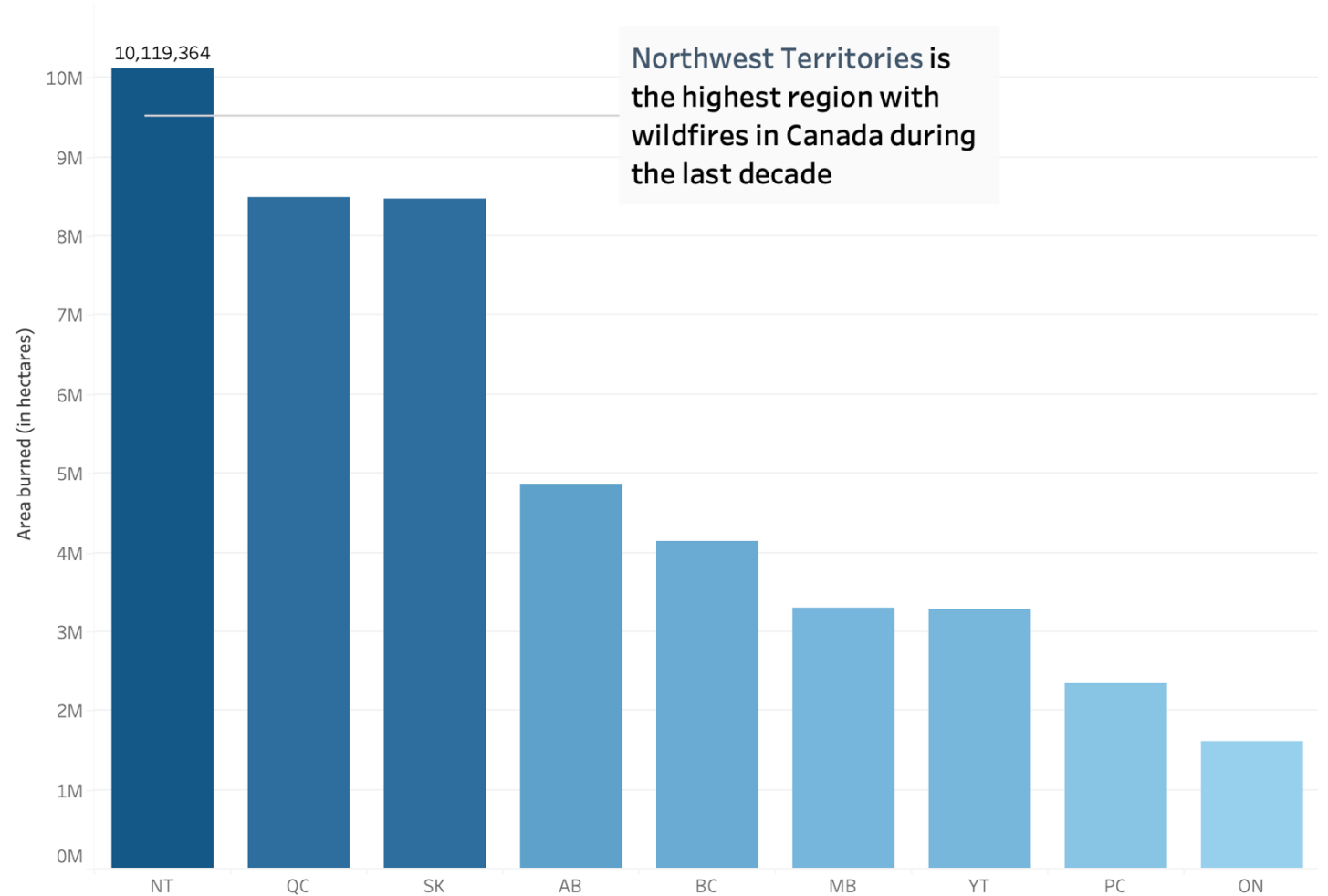
Harnessing Wildfire data to make smarter prevention strategies which protect lives and ecosystems.

- Improved Safety
- Preserved Ecosystems
- Economic Stability

# Northwest Territories leads in Area burned

- NT is ahead of Quebec (QC) and Saskatchewan (SK)
- NT is a critical focus area for wildfire prevention

Wildfires in last decade  
Sathvik Chava

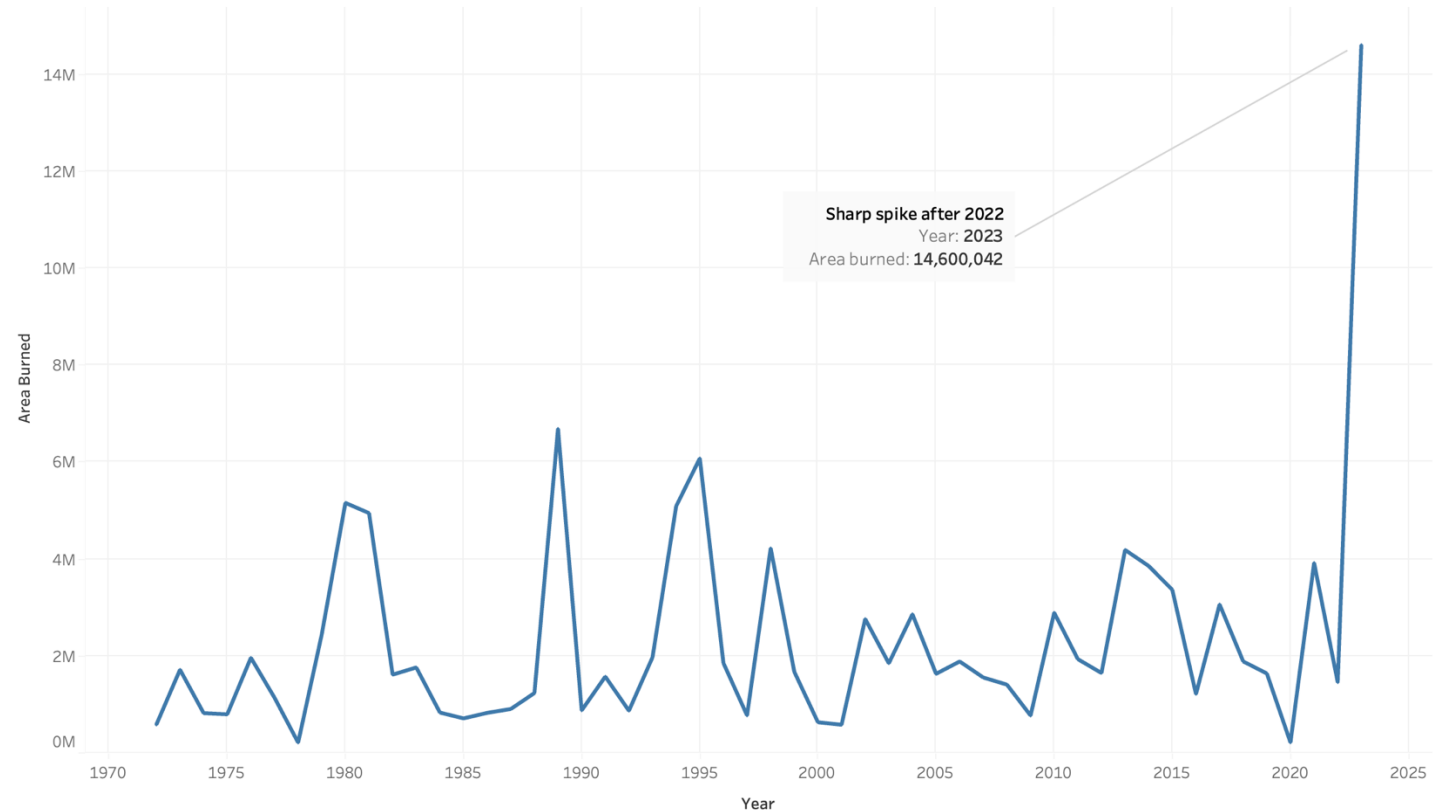


# Wildfires at a Glance

- The dramatic spike indicates the wildfire crisis in Canada.
- There is threat to public safety.

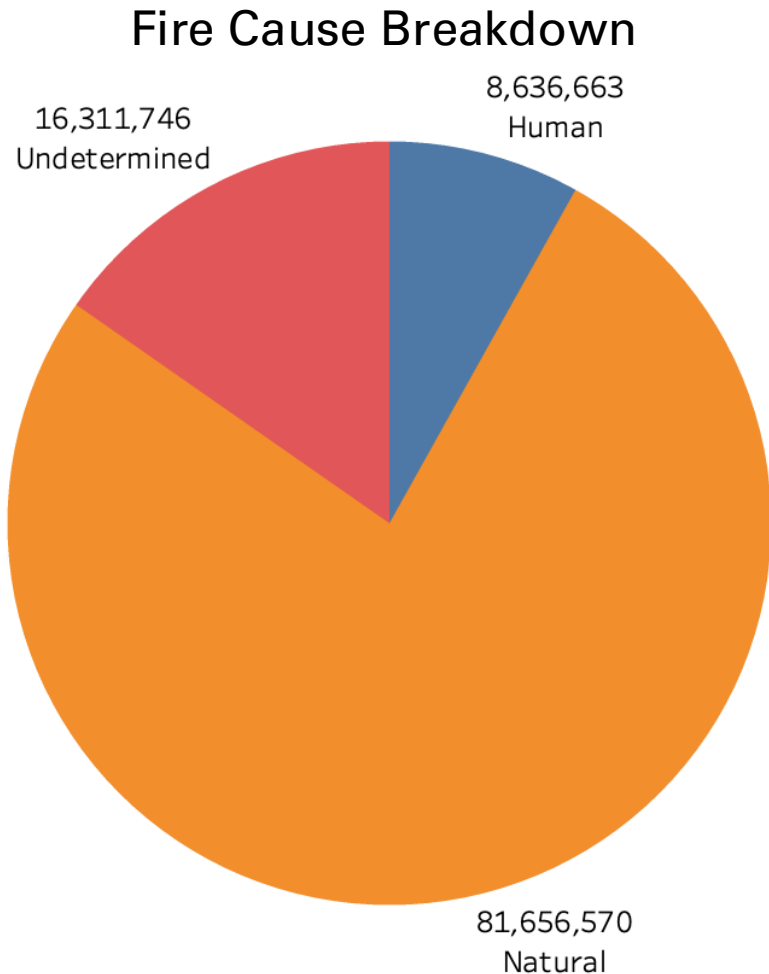
Canadian Wildfire Trends

Sathvik Chava



# What Drives Wildfires?

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Natural causes is leading contributor.



81.7 million hectares burned due to Natural causes.



16.3 million hectares remain undetermined, indicating need for investigating methods.

# Prevention Strategies

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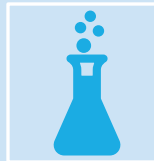
Investment in Monitoring  
Wildfires and Predictive  
Technologies



Improving Firefighter  
Response



Public Awareness  
Campaigns



Improving Scientific  
Research

# Act now, prevent bigger loss

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- Implement Smarter Prevention Strategies
- Strengthen Firefighter skills
- Relocate high-risk communities

If we don't act, we risk: life, property and ecosystems.

# Thank You

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# References

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1. Image source: <https://images.app.goo.gl/rbqEAxcwGeLUvPb7A>
2. Singer-Vine, J. (2023, June 14). *Data Is Plural* — 2023.06.14 edition. <https://www.data-is-plural.com/archive/2023-06-14-edition/>