

# North Shore Community Climate Readiness Project

**Economic  
Sensitivity**

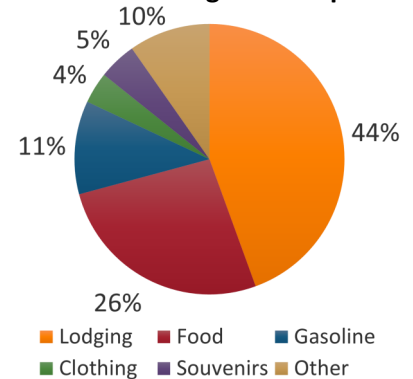
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*Ongoing climate change: What will happen to North Shore tourism?*

## How economically important is tourism to the North Shore?

- 1,000,000 to 1,300,000 tourists visit during the summer.
- In our sample, average spending per tourist was \$220.
- This implies total spending of \$220-286 million during the summer
- Lodging is roughly 44% of all spending.

The different categories of spending



## Historically, how has summer tourism been affected by climate?

- Positive factors: Warmer temperatures
- Negative factors: Short-term heat waves, increased risk of fires, flooding, greater precipitation
- Evidence from daily visitations to the North Shore state parks, 2002-2014: Predictions on impacts on daily park visits.
  - ◆ Heat indices > 95 = 90 fewer visitors
  - ◆ Days of very high fire risk = 46 fewer visitors
  - ◆ One extra inch of rain = 75 fewer visitors
- Some important economic factors: Income levels (positive), price of gasoline (negative)



## What do future climate trends mean for North Shore tourism?

- Climate models predict:
  - Warmer average temperatures
  - Greater likelihood of heat waves
  - Greater fire risk, especially in May and June
  - Mixed effects on precipitation
- Predictions of effect on average daily summer visitors at Gooseberry Falls SP, high-range climate predictions:
  - May -11.5%, June, -9%, July, -10%, August, -7%, September, - 3%.

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You can find this information and more on the project website:

[www.northshoreclimate.com](http://www.northshoreclimate.com)

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