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# GETTING NERDE WITH EMERGENCY MANAGEMENT DATA

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# AGENDA

**BACKGROUND**

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**USE CASES**

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**QUESTIONS**

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**TECHNICAL DEMONSTRATION**





# NERDE BACKGROUND



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# NATIONAL ECONOMIC RESEARCH & RESILIENCE CENTER (NERRC)

## About Us

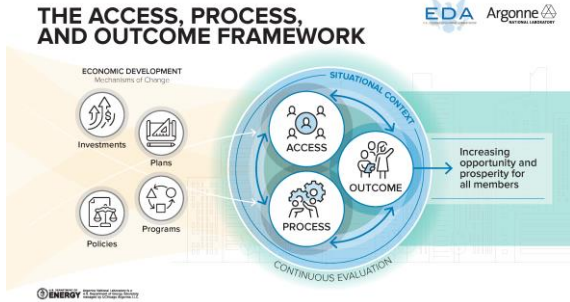
We provide innovative and transparent economic data access, research, and analysis to support and strengthen economic development and resilience in communities across the nation.



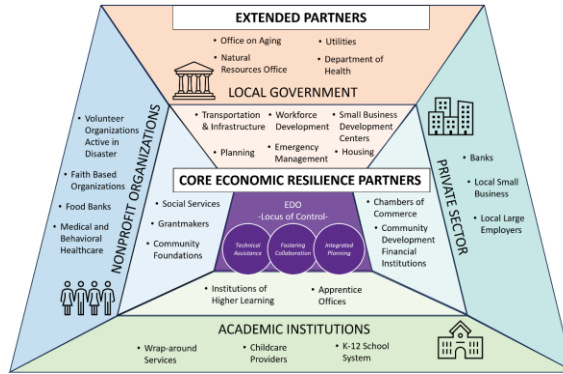
Find us at: <https://www.anl.gov/dis/national-economic-research-resilience-center>

# OUR RESEARCH

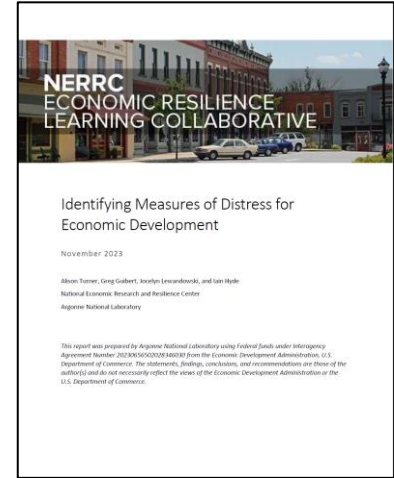
## Quarterly Research Briefs



### Equity in Economic Development



### Building Resilience through Economic Development



### Identifying Indicators of Economic Distress



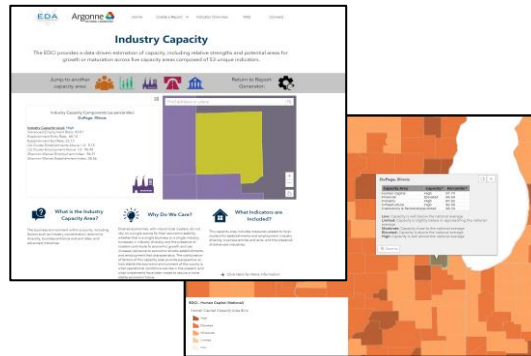
# TOOLS AND MODELS

## National Economic Resilience Data Explorer



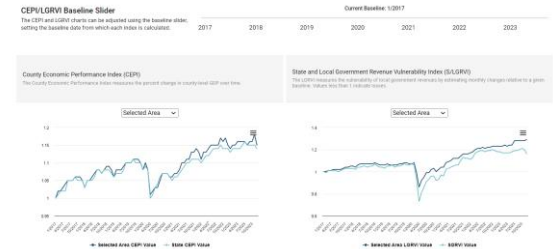
Baseline economic context

## Economic Development Capacity Index



Assessment of county-level capacity, strengths, and opportunities for investment

## Economic Performance and Government Revenue Indices



Near-real time measures of economic activity



# USE CASES



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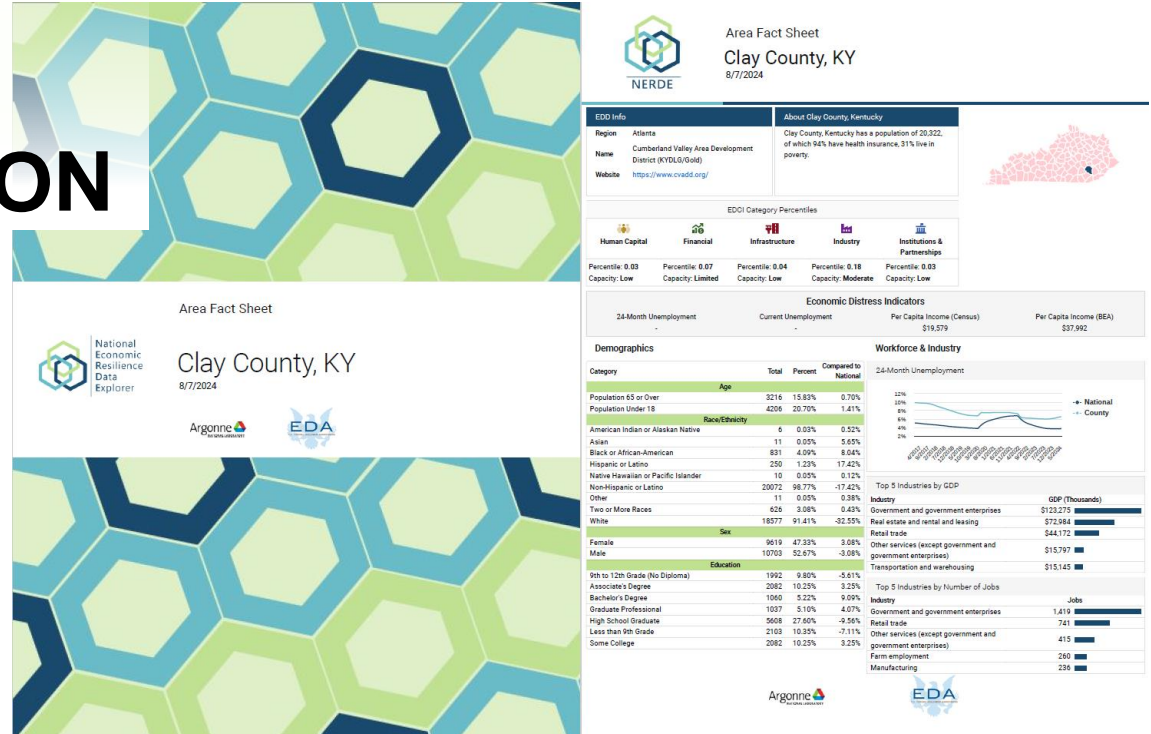
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# USING NERDE FOR COMMUNICATION

## ■ Area Fact Sheet

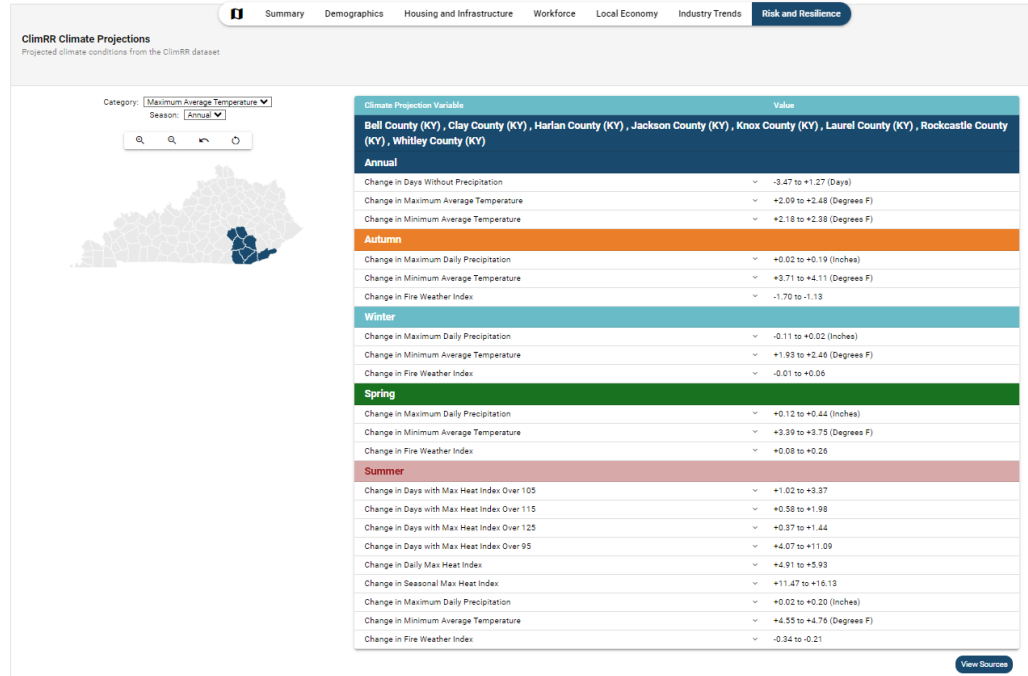
- Quick stats to determine demographic and industry risk
- Printable one pager for community meetings





# USING NERDE FOR DISASTER RECOVERY

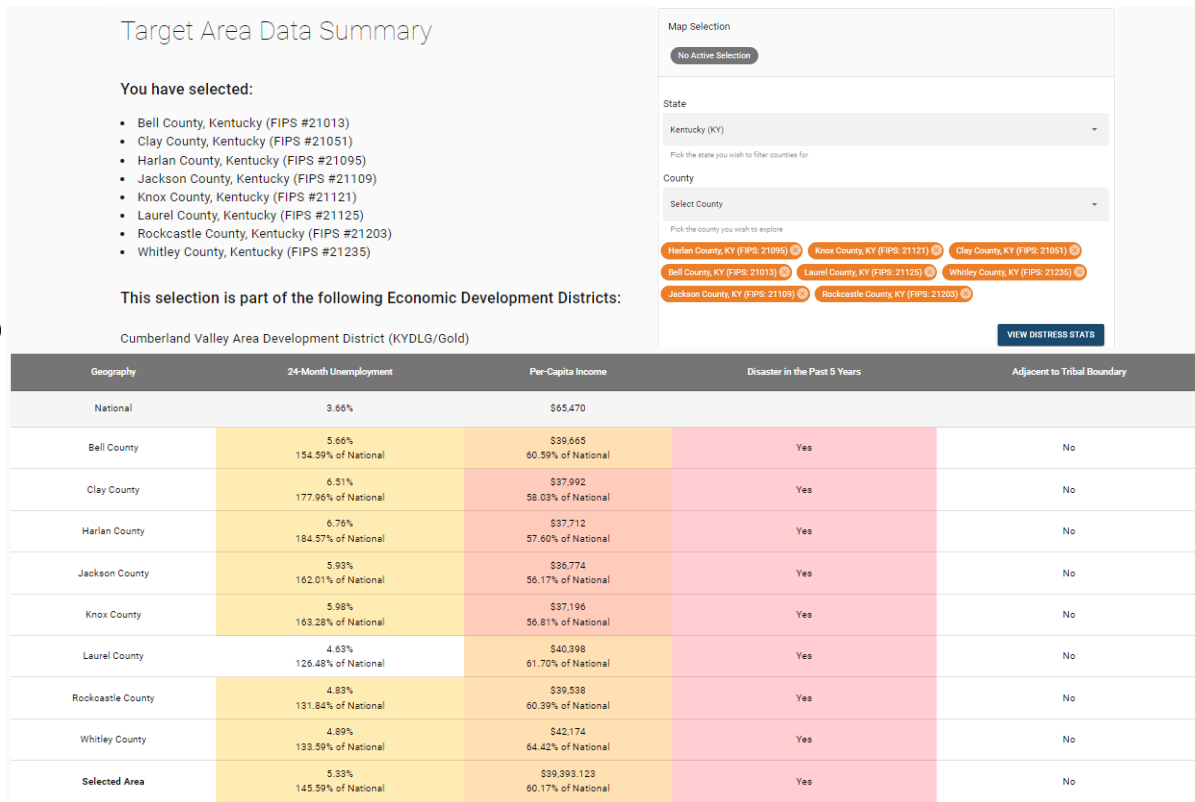
- Risk and Resilience in NERDE
  - Climate projections
  - Disaster summaries
  - Annual loss projections



# USING NERDE FOR GRANT APPLICATIONS

## Distress Statistics Generator

- Highlighted distress metrics
- County and Tract level information



Colors in the table indicate a gradient of distress. Highlighted values in yellow indicate communities under slight distress, light orange indicates mild distress, dark orange indicates moderate distress, and red indicates severe distress. The disaster and tribal columns are highlighted in red for communities that have experienced a disaster or are adjacent to a tribal boundary





# TECHNICAL DEMONSTRATION



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QUESTIONS?



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# THANK YOU!

Contact us: [nerrc@anl.gov](mailto:nerrc@anl.gov)



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An aerial photograph of a city, likely Chicago, with a blue and green color overlay. The Argonne National Laboratory logo is centered in the foreground. The logo consists of the word "Argonne" in a large, white, sans-serif font, followed by a white geometric symbol made of three overlapping triangles. Below "Argonne" is the text "NATIONAL LABORATORY" in a smaller, white, all-caps, sans-serif font.

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