

MARCH 5, 2024

HOW TO USE THE NEWLY ENHANCED NATIONAL ECONOMIC RESILIENCE DATA EXPLORER (NERDE)



HOSTED BY ARGONNE NATIONAL LABORATORY &
THE U.S. ECONOMIC DEVELOPMENT ADMINISTRATION



U.S. DEPARTMENT OF
ENERGY

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AGENDA

OPENING REMARKS

Ilana Valinsky, EDA

A LOOK BEHIND NERRC

Iain Hyde, Argonne

WHAT'S NEW WITH NERDE

Alison Turner, Argonne

TECHNICAL DEMONSTRATION

Carmella Burdi, Argonne

USE CASES

Alison Turner, Argonne

QUESTIONS



OPENING REMARKS

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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>

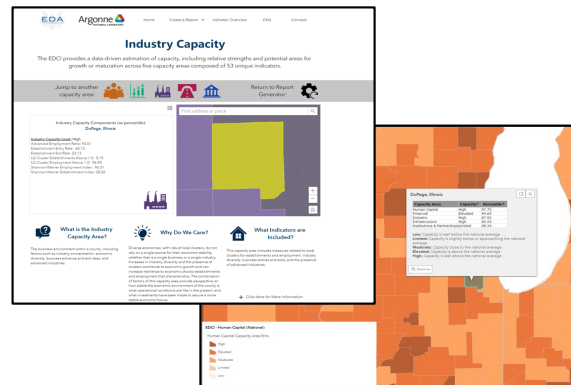
TOOLS AND MODELS

National Economic Resilience Data Explorer



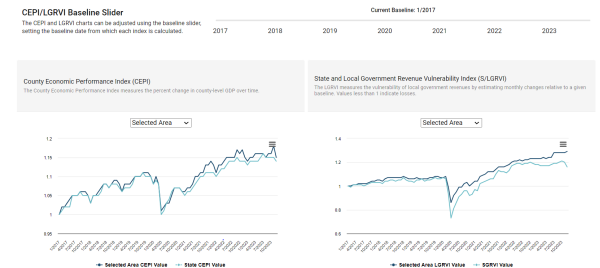
Baseline economic context

Economic Development Capacity Index



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

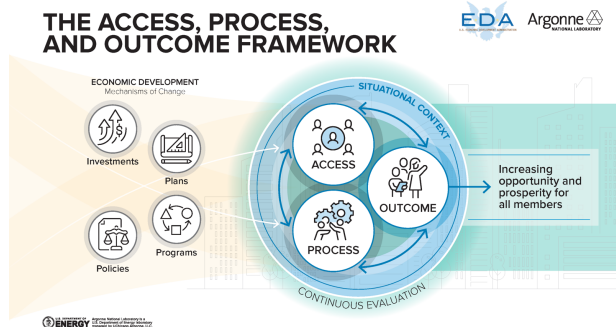
Economic Performance and Government Revenue Indices



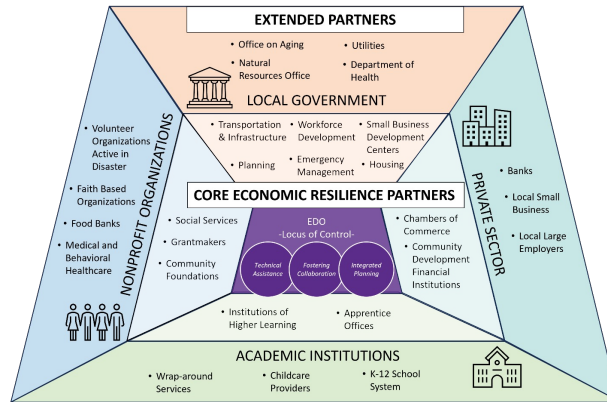
Near-real time measures of economic activity

OUR RESEARCH

Quarterly Research Briefs



Equity in Economic Development



Building Resilience through Economic Development

NERRC ECONOMIC RESILIENCE LEARNING COLLABORATIVE

Identifying Measures of Distress for Economic Development

November 2023

Alison Turner, Greg Guilbert, Joseph Lesandowski, and Ian Hyde
National Economic Research and Resilience Center
Argonne National Laboratory

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Identifying Indicators of Economic Distress



WHAT'S NEW WITH NERDE

Alison Turner, Argonne

UPDATES TO THE NERDE



**MORE
GEOGRAPHIES**



NEW DATA



**COLLABORATION
WITH USER
ADVOCATES**



**UPGRADED
TOOL TIPS**



**INCREASED
ACCESSIBILITY**



TECHNICAL DEMONSTRATION

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USE CASES

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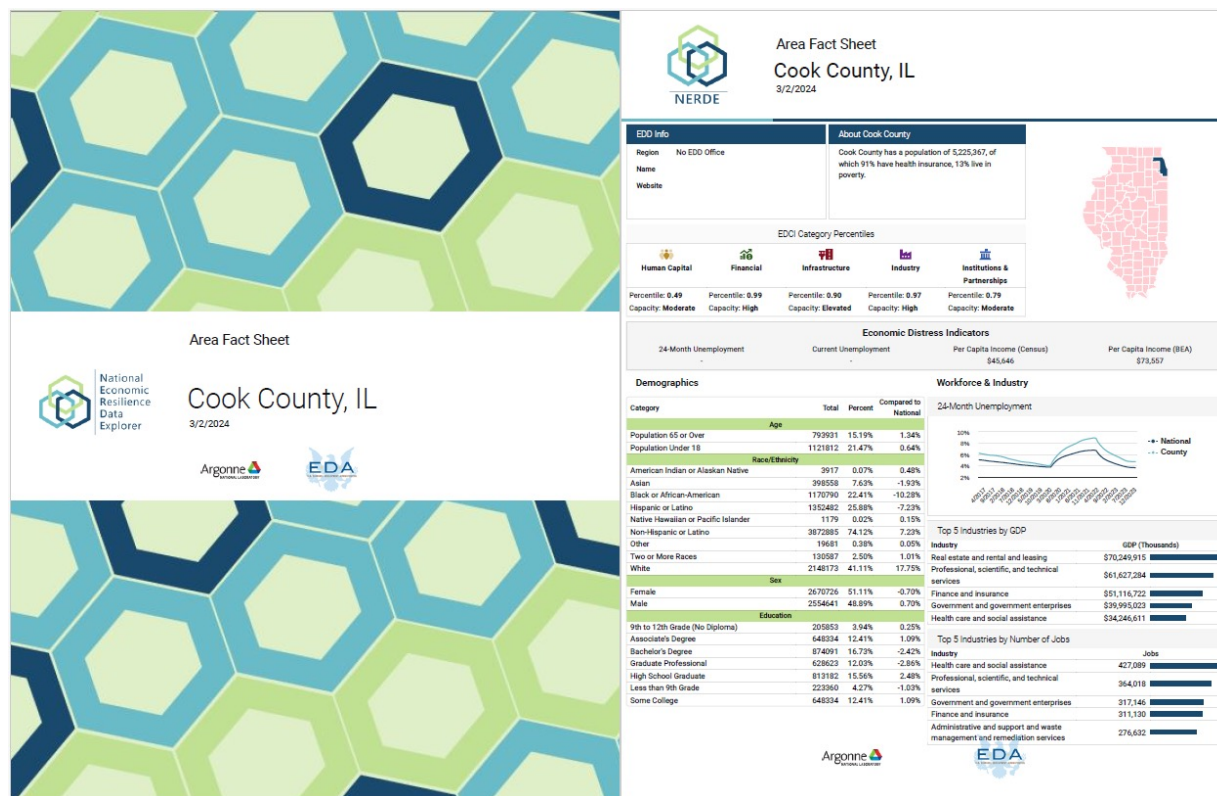
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USING NERDE FOR CEDDS

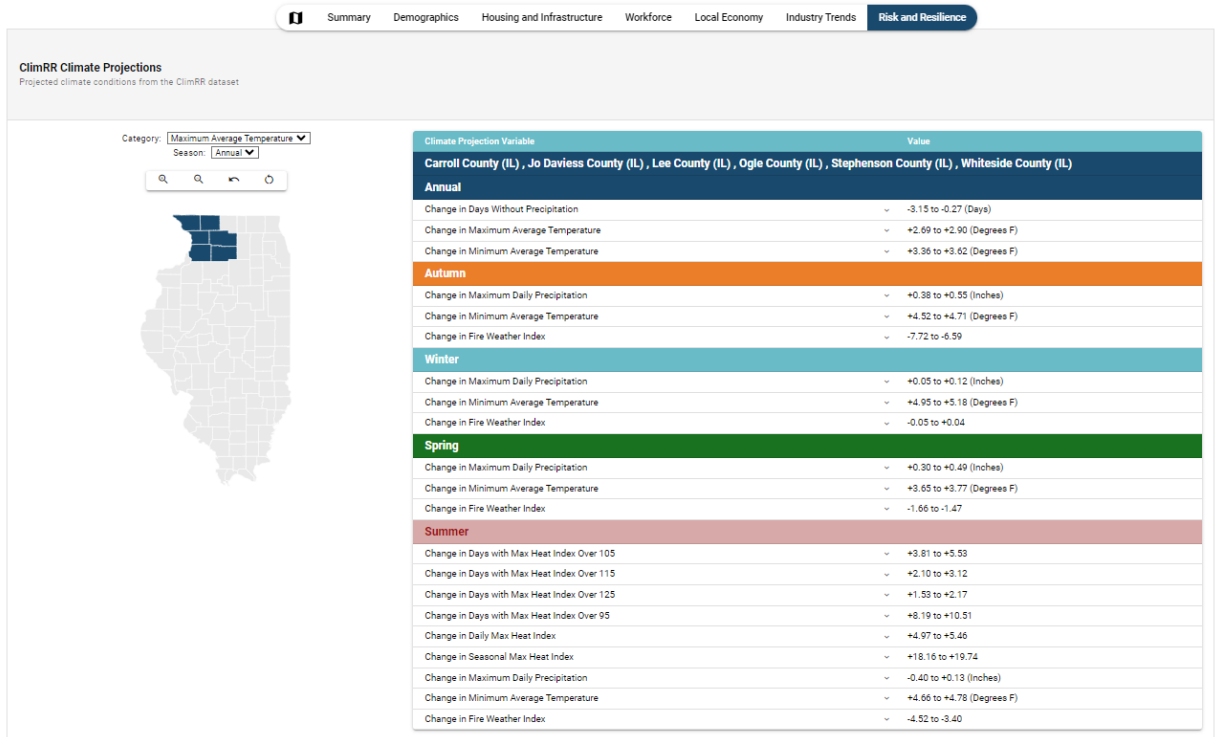
■ Area Fact Sheet

- Quick stats to help develop a CEDDS
- Get fact sheets for your EDD through the Data Explorer



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

Target Area Data Summary

You have selected:

- Cook County, Illinois (FIPS #17031)
- DeKalb County, Illinois (FIPS #17037)
- DuPage County, Illinois (FIPS #17043)
- Logan County, Illinois (FIPS #17107)

This selection is part of the following Economic Development Districts:

Greater Peoria EDC

- Logan County, Illinois

Please reach out to your EDA office to see if you are eligible through a special need or other eligible criteria. Your EDA regional offices are:

Chicago

- Logan County, Illinois

State: Illinois (IL)

County: Select County

Buttons: Cook County, IL (FIPS: 17031), DuPage County, IL (FIPS: 17043), Logan County, IL (FIPS: 17107), DeKalb County, IL (FIPS: 17037)

[VIEW DISTRESS STATS](#)

Geography	24-Month Unemployment	Per-Capita Income	Disaster in the Past 5 Years	Adjacent to Tribal Boundary
National	3.64%	\$64,143		
Cook County	4.69% 128.78% of National	\$73,557 114.68% of National	Yes	No
DeKalb County	4.47% 122.67% of National	\$51,571 80.40% of National	No	No
DuPage County	3.47% 95.27% of National	\$85,498 133.29% of National	No	No
Logan County	4.44% 121.96% of National	\$47,074 73.39% of National	Yes	No

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

USING NERDE FOR MARKET RESEARCH

Local industry information

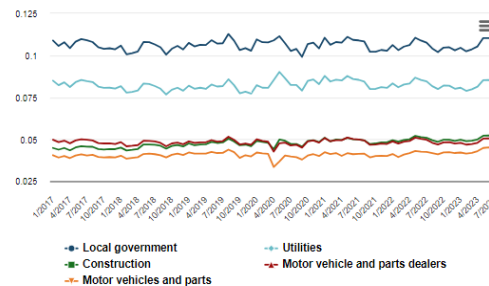
- County Economic Performance Indicator
- Top industry information

Workforce Information

- Labor Force Participation

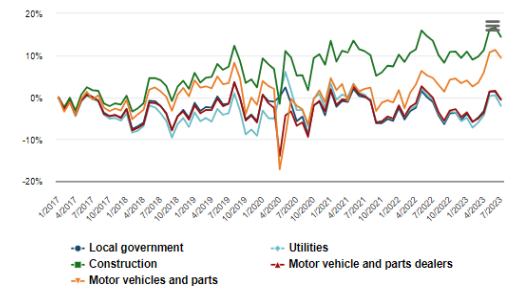
Value Added by Current Top 5 County Industries

Value-added is the total output of an industry minus its inputs. Unit is USD in Billions.

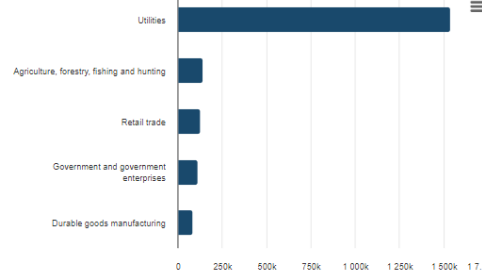


Percent Employment Across Current Top 5 Industries

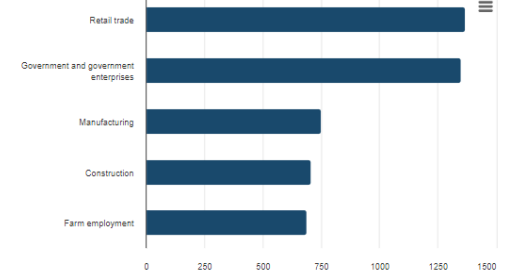
Adjusted percentage change in employment by industry by county for the given month from the base month.



Top 5 Industries by GDP



Top 5 Industries by Number of Jobs





QUESTIONS?



THANK YOU!
Contact us: nerrc@anl.gov

An aerial photograph of a city, likely Chicago, with a blue 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 (a hexagon with internal lines forming three triangles) and the words "NATIONAL LABORATORY" in a smaller, white, sans-serif font below it.

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