ADDRESSING SUBSTANCE USE DISORDER WITH RECOVERY ECOSYSTEMS

RURAL HEALTH EQUITY
RESEARCH CENTER

Recovery Ecosystem Index

- Funded by HRSA and the Fletcher Group, the Rural Health Equity Research Center convened a Technical Expert Panel (TEP) to guide the development of the recovery ecosystem index

- Goals of the project:
  - Build a Recovery Ecosystem Index (REI) to measure the strength of county-level recovery ecosystems
  - Provide data to support community planning, programming, and technical assistance designed to strengthen recovery ecosystems throughout the United States
  - Build a mapping tool using the Recovery Ecosystem Index
    - Audience for the mapping tool may include local policymakers, treatment providers, community organizations, drug court professionals, and others

Selecting indicators for recovery ecosystem index:

- NORC/ETSU conducted a literature review on recovery ecosystems, identifying several concepts and potential indicators to include in the index

- During the first TEP meeting, we solicited input on key concepts for the index, including potential indicators

- Based on this information, NORC/ETSU compiled a list of over 100 potential indicators

- We investigated the data availability for these indicators and removed ones that lacked publicly available county-level data

- We then reviewed 36 indicators with the TEP to prioritize for inclusion in the index

- Final index includes 14 indicators

Final Recovery Ecosystem Index Measures

Component/ Domain	Indicator
SUD Treatment	Substance Use Treatment Facilities Per Capita
	Providers Licensed to Administer Buprenorphine Per Capita
	Average Distance to Nearest Medication-Assisted Treatment (MAT) Provider
	Mental Health Providers Per Capita
Continuum of SUD Support	Recovery Residences Per Capita
	Average Distance to Nearest Syringe-Service Program (SSP)
	Narcotics Anonymous (NA) or Self-Management and Recovery Training (SMART) Meetings per Capita
	Drug Court Presence
	Drug-Free Communities Coalition Presence
	Policy Environment Score
Infrastructure and Social Factors	Vehicle Availability
	Severe Housing Cost Burden
	Broadband Access
	Social Associations Per Capita

Overview of Mapping Tool – Methodology & Data Sources

Overview of Mapping Tool – REI Base Map

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Overview of Mapping Tool – REI Base Map

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Overview of Mapping Tool – Overdose Base Map

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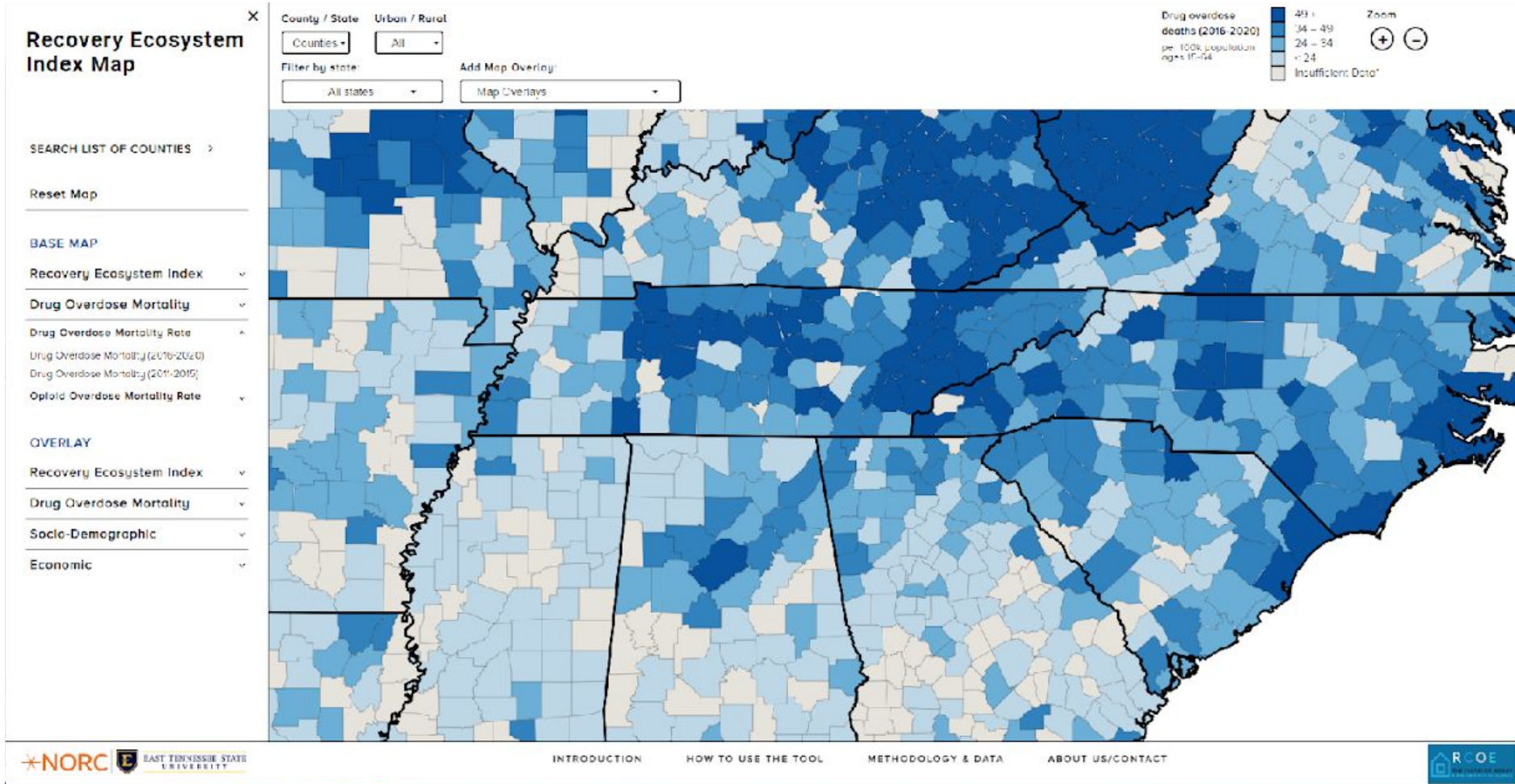
Overview of Mapping Tool – View Details

rei.norc.org
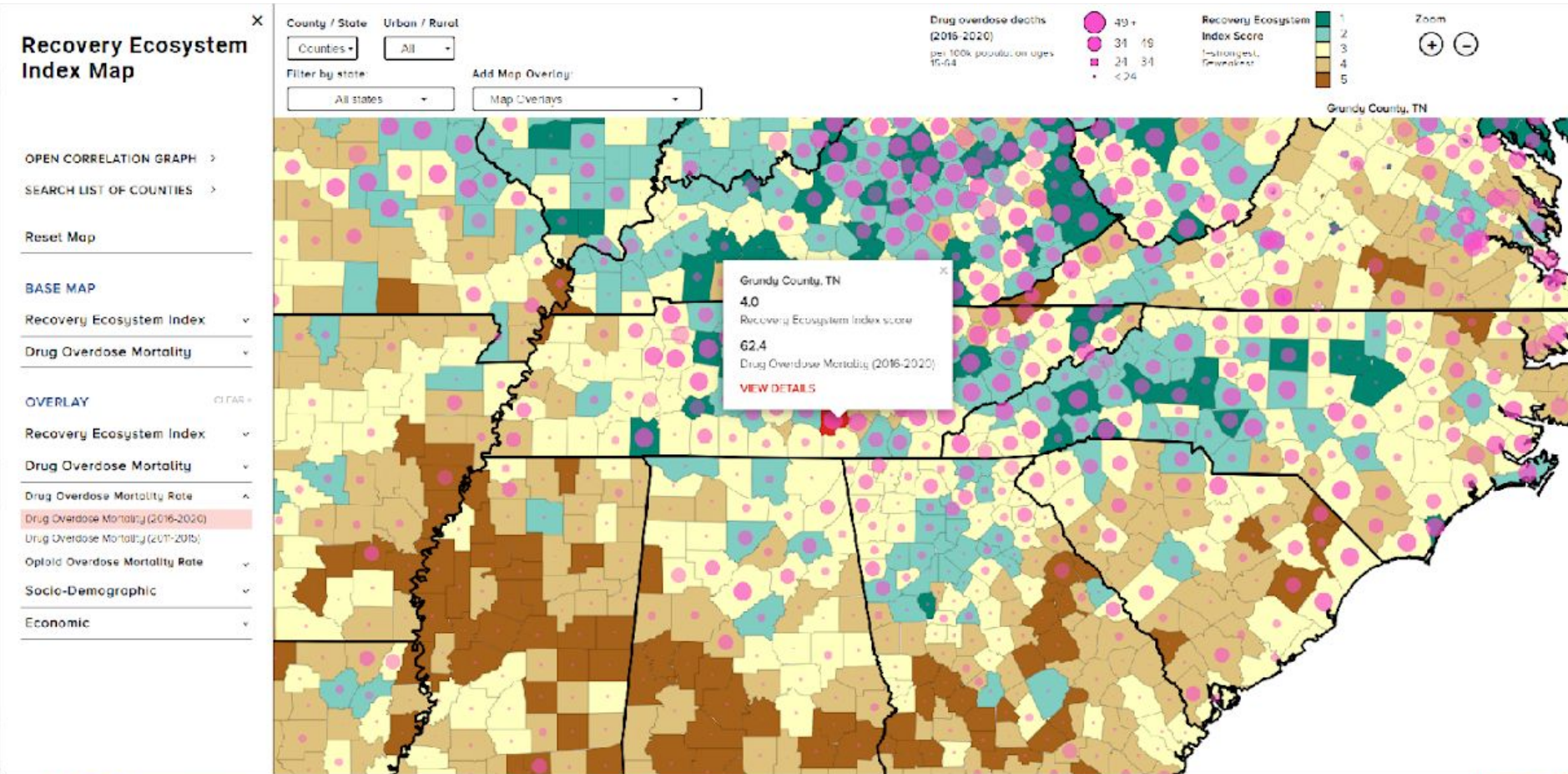
Overview of Mapping Tool – County Fact Sheet

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RURAL HEALTH EQUITY
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NORC at the University of Chicago   EAST TENNESSEE STATE UNIVERSITY

CLOSE ✕

Grundy County, TN

Recovery Ecosystem Index Score

4.0   1=strongest; 5=weakest

13,371   Population (Rural)

Hover over a variable in the data table, and its definition will appear below.

Select data table: [Drug Overdose Mortality ▼]

Prim Data Tables

Drug Overdose Mortality Data Table

Drug Overdose Mortality	Grundy County, TN	Tennessee	United States
Drug Overdose Mortality (2016-2020)	62.4	43.5	32.5
Drug Overdose Mortality (2011-2015)	45.3	27.3	20.6
Opioid Overdose Mortality (2016-2020)	34.0	34.8	23.4
Opioid Overdose Mortality (2011-2015)	31.0	18.6	12.4

State Policies:

Note: Some policy information may be outdated. Please review the Methodology & Data Sources page for more information on the source for each policy and the year the data were most recently updated.

Policy	Tennessee
Does the law provide protection from probation or parole violations?	Yes (Tenn. Code Sec 63-1-156(h)) (Tenn. Code 63-1-156(h)(1)(2))
Does the jurisdiction have a drug overdose Good Samaritan Law?	Yes (Tenn. Code Sec.63-1-156)
Is reporting on overdose considered a mitigating factor in sentencing?	Yes (Tenn. Code Sec 63-1-156(c)(1))
Does the state require commercial insurers to provide coverage for MOUD?	No
Does the state Medicaid plan include coverage for behavioral health supports for MOUD?	No
Does the state have an approved Medicaid State Plan Amendment to facilitate the provision of MOUD?	No
Are licensed SUD programs required to facilitate access to MOUD programs?	No
Does state law allow for the operation of syringe service programs (SSPs)?	Legal
Does state law allow for the possession of syringes by SSP participants?	Yes (Tenn. Rev. Stat. Sec. 39-17-425) (Tenn. Rev. Stat. 68-1-136)

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Recovery Ecosystem Asset Mapping on a Regional Level

1. **Created a matrix of recovery assets in Northeast Tennessee's 10 County Region, with geographic identifiers**

2. **Created definitions of each asset category expressed in the Recovery Ready Community Framework**

3. **Categorized each asset based on the Framework, with community partner input based on common definitions**

4. **Mapped all assets using ArcGIS created an app.**

Local, State, Federal Policy

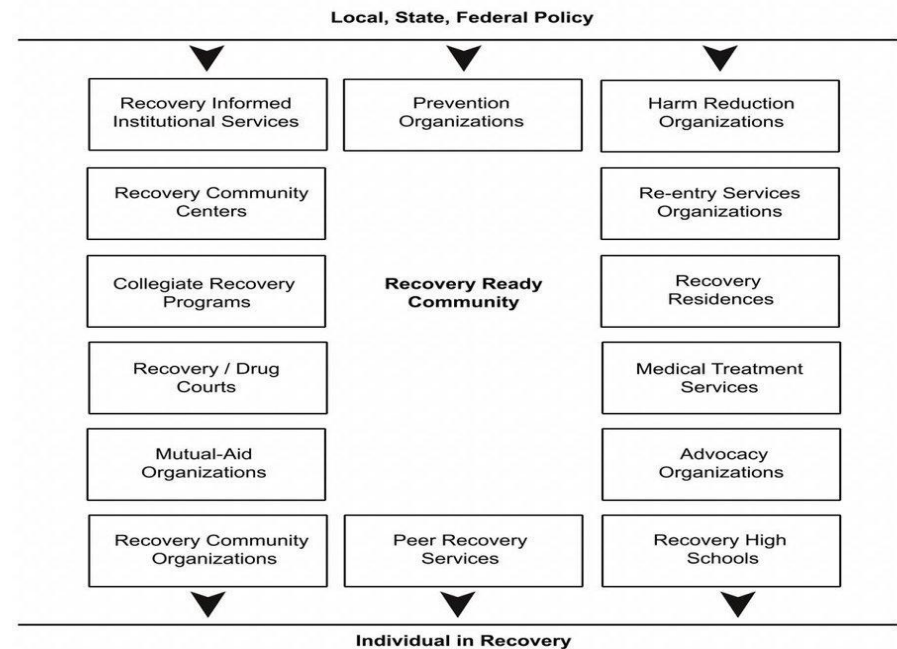| Recovery Informed Institutional Services | Prevention Organizations | Harm Reduction Organizations |
Recovery Community Centers		Re-entry Services Organizations
Collegiate Recovery Programs	**Recovery Ready Community**	Recovery Residences
Recovery / Drug Courts		Medical Treatment Services
Mutual-Aid Organizations		Advocacy Organizations
Recovery Community Organizations	Peer Recovery Services	Recovery High Schools

Individual in Recovery

Figure 2 – Recovery Ready Community Framework

(Ashford, R. D., Brown, A. M., Ryding, R., & Curtis, B. (In Press). Building Recovery Ready Communities: The Recovery Ready Ecosystem Model and Community Framework. Addiction Research & Theory.)

# Recovery Ecosystem Asset Mapping on a Regional Level

Steps in Progress

1. Finalizing app for publication

2. Adding additional layers for further analysis (i.e., population density, caring workplaces, local transit)

3. Conducting in-depth gap analysis for each county within the region

4. Identifying ways to measure the connectivity and utilization of recovery assets

Anticipated Next Steps

1. Potential expansion into additional counties, as many resources are shared between Northeast TN and Southwest VA

2. Publish the app for community partners and the public

3. Continue to update the app based on changes in assets over time

Recovery Ecosystem Assets in Northeast Tennessee
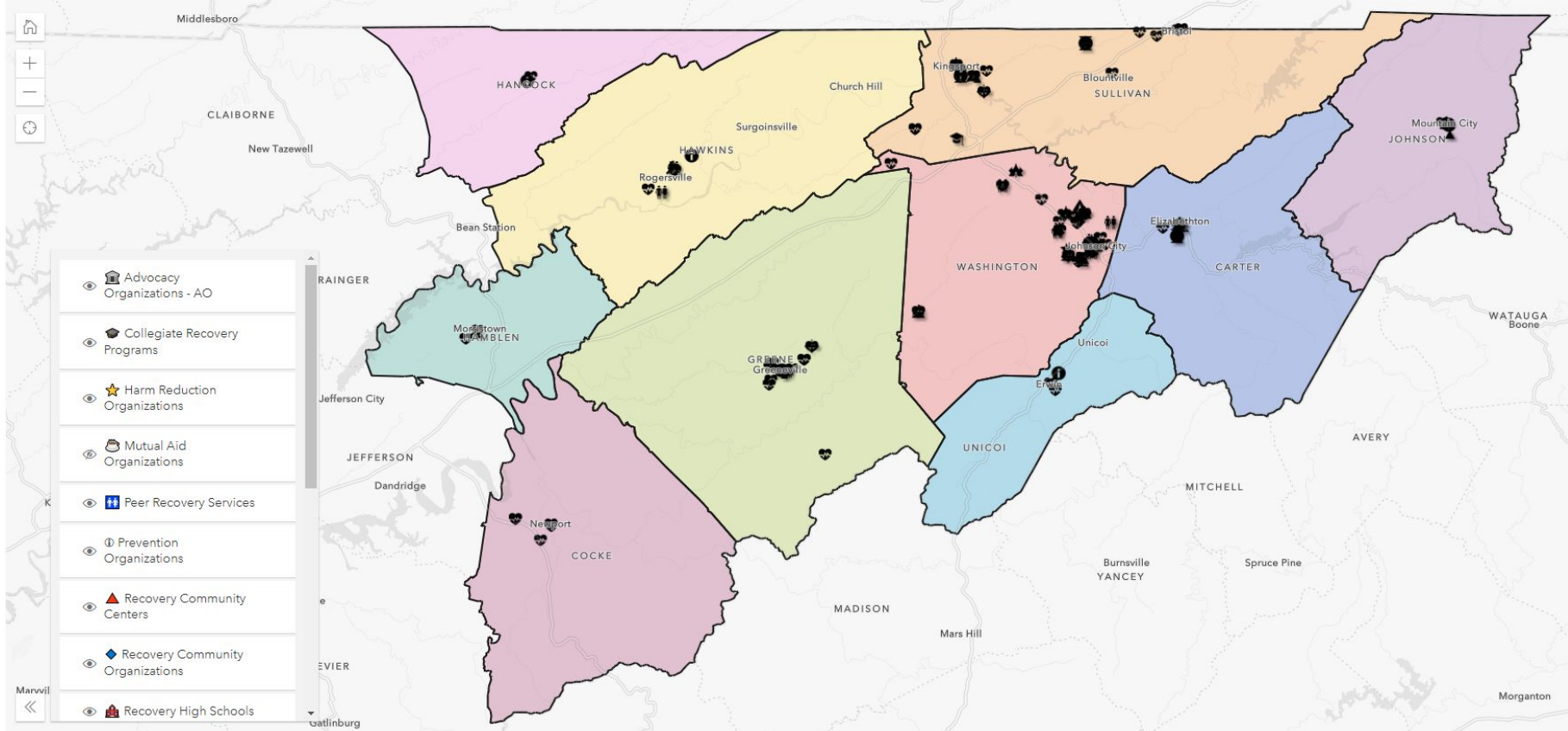
- **10** Northeast TN Counties
- **255** assets currently mapped
- Interactive and allows for multi-layer analysis

For more information:

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