Central Appalachian Community Asset Scan

April 12, 2023
Town Hall Agenda: Community Asset Scan

- Summary Overview of White Paper Findings (9:30-10:00)
- Data Walk (10:00-10:30)
- Break (10:30-11:00)
- World Café Round Table Discussions (11:00-12:00)
- Lunch/Break (12:00-1:30)
- Breakout Sessions:
  - Making Connections between Community Assets & Social Wellbeing (1:30-3:00)
  - Extending White Paper Findings to Other Domains and Emerging Priorities in the Region (3:30-4:30)
- Adjourn
Study Overview: Asset Scan Review

• Project Overview & Goals

• Overview of Social Wellbeing & Community Asset Indexes - Assets Types & Data Inputs

• Findings Review –
  • Social Wellbeing & Community Asset Indexes
  • Intersections between Community Assets and Social Wellbeing Indexes
Study Overview: Study Team

Reinvestment Fund

- A national mission-driven financial institution that creates opportunity for underserved people and places through partnerships. Reinvestment Fund marshals the capital, analytics, and expertise necessary to build strong, healthy, and more equitable communities.

- Since 1985, Reinvestment Fund has made $2.7 billion in cumulative investments and loans.

- Reinvestment Fund is supported by 830 investors that include individuals, foundations, religious institutions, financial institutions, civic organizations and government.

Community & Economic Development Initiative of Kentucky (CEDIK) at the University of Kentucky. College of Agriculture, Food and Environment

- Provides research and information that supports community and economic development.

- Builds the leadership and organizational capacity of peoples and communities.

- Supports community decision-making and collaborative initiatives.

- Facilitates partnerships and networks that enable communities to thrive economically, physically, and socially.
1. Create a data-informed investment strategy for private investors to guide targeted investments in Central Appalachian community assets that will enhance the quality of life in these communities.

1. Develop a shared understanding among Central Appalachian investors of the existing opportunities for private investment to complement public funding in order to create sustained improvements to the quality of life in Central Appalachian communities.

1. To assess the readiness of Appalachian communities to absorb private investments in local assets to enhance social and economic wellbeing.
Study Overview: Why Do an Appalachian Asset Scan Now?

Economic Development Capacity Index

Re-envisioning Rural America
Study Overview - Subject Matter Experts (SME)

Matt Klesta, Senior Community Development Analyst – Federal Reserve Bank, Cleveland

Adam Scavette, Regional Economist – Federal Reserve Bank, Richmond

Stephanie Norris, Senior Research Analyst – Federal Reserve Bank, Richmond

Natalie Kruse, Professor of Environmental Studies – Ohio University

Michael Meit, Research Associate Professor of Health Services Management and Policy – East Tennessee State University

Corianne Payton Scally, Senior Fellow at Metropolitan Housing and Communities Policy Center – Urban Institute

Kasey Martin, Brand Chief of Research and Evaluation – US Dept. of Agriculture, Rural Development

Heather Stephens, Associate Professor of Resource Economics and Management – University of West Virginia

Richard Rheingans, Professor of Sustainable Development – Appalachian State University

Angus Welch, Co-Chair of Appalachian Task Force – Environmental Protection Agency

Betty Barnes, Co-Chair of Appalachian Task Force – Environmental Protection Agency

Jesse Fripp, CEO – Shining Rock Ventures
Debbie Philips, Executive Director – Rural Action

Molly Hemsteet, Executive Director – Industrial Commons

Dave Clark, Executive Director – Woodlands Development & Lending

Scott Schenerlein, Executive Director – Wheeling Heritage

Kim Davis, Executive Director – Friends of SW VA

Patrick Crane, Vice President of Strategic Initiatives – NC Community College System

Amanda Fryman, Grants Administrator – Appalachian Regional Healthcare

Kathlyn Terry, Chief Executive Officer – Appalachian Sustainable Development

Kathryn Umali, Director, Community Based Division, Rural – HRSA, FORHP

Scott McReynolds, Executive Director – Housing Development Alliance

Gene Coulson, Chief Executive Officer – EntreEd, The Consortium for Entrepreneurship Education
**Phase One**: Analyze county-level socio-economic measure of wellbeing and the presence or absence of community assets. 
*Deliver Asset Scan whitepaper*

**Phase Two**: Convene a diverse stakeholder group to reflect on asset scan findings and build consensus on priority areas for future investments. 
*Deliver final Asset Scan synthesis report*

**Phase Three**: Dissemination, Application and Meaning-Making of Asset Scan Synthesis Report
Challenge: Identifying those places where private investment to bolster specific community assets can improve key dimensions of economic and social wellbeing.
Study Overview: Identifying & Operationalizing Wellbeing & Community Assets

Inclusion Criteria
• Data Availability & Reliability at the County-Level
• Domains where Private Investment Makes a Difference

Consultation
• SME Group
• CAB Group

Factor Analyses
• Do the data inputs available for each concept conceptually and statistically hang together?

Sample of Project Data Sources
- American Community Survey
- CDFI Fund
- County Health Rankings
- Federal Communications Commission
- Homeland Infrastructure Foundation-Level Data
- MIT Elections Lab
- National Housing Preservation Database
- Small Business Administration Data
- US Economic Development Administration
- USDA Economic Research Services
# Study Overview: Social Wellbeing & Community Assets

<table>
<thead>
<tr>
<th>Social Wellbeing Dimensions</th>
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<tbody>
<tr>
<td><strong>Economic Wellbeing</strong> – a measure of existing and potential economic capacity of people in a place.</td>
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<tr>
<td><strong>Population Health</strong> – a measure of the overall health of people living in a place.</td>
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## Community Assets

| **Health Facilities** – a measure of the presence of, and access to, medical facilities and providers in a place. |
| **Non-Profit Organizations** – a measure of the clustering of non-profit organizations that focus on the arts, education, religion, or are philanthropic organizations. |
| **Economic Infrastructure** – a measure of the overall economic capacity of a place - the diversity of jobs, access to educational institutions, access to childcare and wireless/internet connectivity. |
| **Civic Engagement** – a measure of how engaged the local population is in their local communities and public life. |
| **Philanthropic Investment** – a measure of philanthropic investments in small businesses, community development, and non-profit sector in a place. |
| **Housing Conditions (Owners and Renters)** – measures of the costs and condition of owner-occupied and renter-occupied units in a place. |
| **Active & Abandoned Mines** – a measure of the existence of active or abandoned coal mines in each county. |
Findings: Economic Wellbeing

Economic Wellbeing Indicators
- Median Household Income
- Households with Investment Income
- Population with Bachelor's Degree
- Population with High School Diploma
- Labor Force Participation Rate
- Employment Rate
- Poverty Rate
Findings: Population Health

Population Health Indicators
- Life Expectancy
- Obesity Rate
- Share of Seniors with No Teeth
- Physical Inactivity Rate
- Poor/Fair Health Rate
- Asthma Rate
- Diabetes Rate
- Heart Disease Rate
- Poor Mental Health Rate
- Smoking Rate
Findings: Civic Engagement

Civic Engagement Indicators

- Voter Participation Rate
- Share of the Foreign-Born Population
- Participation in Volunteer Organizations
- Presence of Volunteer Organizations*
- Presence of Philanthropic Organizations*
- Distance to Nearest Library

*all inputs are measured 'per-capita'
Findings: Economic Infrastructure

Economic Infrastructure Indicators

- Industry Diversity of Businesses
- Agricultural Concentrated County
- Mining Concentrated County
- Manufacturing Concentrated County
- Distance to Nearest 4-Year College/University
- Distance to Nearest 2-Year College
- Capacity of Early Childhood Education Providers
- Broadband Internet Speed
- 4G Cell Coverage
Findings: Health Facilities

Access to Health Facilities Indicators

- Healthcare Providers per Household
- Distance to Nearest Fire/EMS Station
- Distance to Nearest Emergency Room
- Distance to Nearest Grocery Store
- Access to Maternal Care
Findings: Philanthropic Investments
Findings:
Associations Between Community Assets & Social Wellbeing

<table>
<thead>
<tr>
<th>Community Assets</th>
<th>Economic Wellbeing</th>
<th>Population Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civic Engagement</td>
<td>0.624</td>
<td>0.712</td>
</tr>
<tr>
<td>Economic Infrastructure</td>
<td>0.449</td>
<td>0.281</td>
</tr>
<tr>
<td>Health Facilities</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Per Capita Philanthropic Investments</td>
<td>0.00008</td>
<td>-</td>
</tr>
<tr>
<td>Nonprofit Organizations</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Housing Conditions - Rental Housing</td>
<td>-1.644</td>
<td>-</td>
</tr>
<tr>
<td>Housing Conditions - Homeownership</td>
<td>-5.204</td>
<td>-4.097</td>
</tr>
<tr>
<td>Non-Metro Counties</td>
<td>-0.372</td>
<td>-0.246</td>
</tr>
<tr>
<td>Remote/Rural Counties</td>
<td>-0.333</td>
<td>-0.313</td>
</tr>
<tr>
<td><strong>n = 256 counties</strong></td>
<td><strong>r^2 = .637</strong></td>
<td><strong>r^2 = .591</strong></td>
</tr>
</tbody>
</table>

*reported associations were significant at p<.05 or below; ^ p<.10
Findings: Economic Wellbeing & Civic Engagement
Findings: Economic Wellbeing & Economic Infrastructure
Findings: Population Health & Civic Engagement
Findings: Population Health & Philanthropic Investments
What Does this All Mean?

• This is why we’re all here!

• **Data Walk** – digesting the distribution of Social Wellbeing and Community Assets across the region.

• **World Café Round Tables** – wrapping our heads around the intersections of Social Wellbeing and Community Assets across the region.

• **Breakout Session 1** – drawing out implications for your work, and the work of other investors in the region, from the patterns we’re seeing in the data.

• **Breakout Session 2** – extending the findings presented today to other adjacent issues, or emerging priorities for Social Wellbeing and Community Assets in the region.
Data Walk: ~30 Minutes

**Goal:** Familiarize Ourselves with Variation in Social Wellbeing & Community Assets in Central Appalachia:

**Nine Maps:**
1. Economic Wellbeing;
2. Population Health;
3. Health Facilities;
4. Civic Engagement;
5. Non-Profit Organizations;
6. Economic Infrastructure;
7. Philanthropic Investment;
8. Housing Conditions (Owners and Renters);
9. Active/Abandoned Mines

**Three Questions:**
1. Do the patterns you see ring true with your experience in the region?
2. Are there patterns you see that are unexpected or surprising?
3. What data are missing from these maps that are critically important for advancing your work?

~3 Minutes Per Station
Rotating World Café Round Table Activity: ~60 minutes

Goal: Start Thinking about Intersections Between Social Wellbeing & Community Assets in Central Appalachia

Eight Tables:
1. Economic Wellbeing & Population Health;
2. Health Facilities;
3. Civic Engagement;
4. Non-Profit Organizations;
5. Economic Infrastructure;
6. Philanthropic Investment;
7. Housing Conditions (Owners and Renters);
8. Active/Abandoned Mines

One Question:
1. How do the relationships you see in these maps reflect your experiences in different parts of the region?

~ 7 minutes per table
LUNCH
Breakout Session 1 (~90 minutes):
Strengthening Essential Community Assets

**Goal:** Dig into Implications for Investments in Community Assets Given the Observed Intersections Between Social Wellbeing & Community Assets in the Region

**Group Assignments**
(look at your name tag)

- Community Engagement
- Economic Infrastructure
- Housing & Nonprofits
- Health Facilities

**Guiding Questions:**
1. How can these data help you think about the next investments your organization, or others, might make to support this asset-type?

1. Can you identify places in the region (on these maps) where your organization, or others, have made investments to support these assets?
   a. What do these data suggest about the assets and wellbeing of that place?
   b. What was the investment designed to do, and why did you pick that place?
   c. What characteristics about the place facilitate, or frustrated, the ‘success’ of this investment?
BREAK – BE BACK BY 3:30 PM
Breakout Session 2 (~60 minutes):
Emerging Opportunities for (Eco)Systems Change

**Goal:** Extend the conceptual framework and findings from the asset scan to other dimensions of your work in sectors not represented in this study.

**Group Assignments: Your Choice.**

**Topic Areas & Guiding Questions**

1. **Climate Resilience:** What assets and approaches can make communities more resilient to natural disasters and/or man-made upheavals?

1. **Education/Workforce:** What assets and approaches can transcend limited access to K-16, workforce training and other professional education?

1. **Re-entry/Recovery:** What assets and approaches can improve the likelihood of successful re-entry and recovery for individuals exiting the criminal justice system and/or treatment for addiction?

1. **Food Access:** What assets and approaches can help improve the production, distribution, and consumption of healthy foods?
Study Team Primary Contacts

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