Resilient Communities: Where 1+1=3

Presentation to the Resilient Communities Briefing Series

The Johnson Foundation at Wingspread
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A Prologue on Resilience
“Fight on, my men,” Sir Andrew said
A little I’m hurt but not yet slain.
I’ll just lie down and bleed a while,
And then I’ll rise and Fight again.”

-- unknown British poet, “Ballad of St. Andrew Barton”
“I’d like to be able to say that we won one of them, or all four, but that’s not going to change. Yet each time, our athletes showed their resilience—they got right back to work. The only way to win a Super Bowl is to get into it.”

-- Buffalo Bills Coach Marv Levy, 2001
Presentation

1. Why Resilience?
2. What is Resilience?
3. What About Racine?
4. The Missing Piece(s)
5. Seven Paths to $1+1=3$
6. Coda: Bonus Questions
Why Resilience? 1. It’s on Your Mind
Why Resilience? 2. It’s (long been) on My Mind
Why Resilience? 3. It’s on Everyone’s Mind
Why Resilience? 3. It’s on Everyone’s Mind
What is Resilience?

Resilience = bounce-back; recovery from a stress
What is Resilience? Calibrating to “Normal”
What is Resilience? Calibrating to “Normal”
What is Resilience? Distinguishing Strains

Acute Shock
What is Resilience? Distinguishing Strains

Chronic Stress
What is Resilience?  Distinguishing Facets

Resilience is both a **performance**: *how well* does [a person, place or thing] bounce back from a strain?

...and also a **capacity**: *how prepared* is [a person, place or thing] for bouncing back?
What is Resilience? Personalizing Resilience Capacity

...resilience capacity: how prepared is [a person] for bouncing back from a strain?

- New job
- Lost job
- Unemployment
- Illness of self
- Illness of loved one
- Death of a loved one
- Separation
- Divorce
- Marriage
- Relocation
- New home
- New baby

- Grandma moving in
- Grandma needing help
- Car troubles
- Home repairs
- Loud neighbor
- Neighborhood blight
- Crime threats
- Substance addiction
- Exam pressure
- Weltschmerz
- Lottery win
- Promotion

On what will you draw to be resilient to your strains?
What is Resilience? Measuring Resilience Capacity

Resilience Capacity

Regional Economic Capacity
- Income Equality
- Economic Diversification
- Regional Affordability
- Business Environment

Socio-Demographic Capacity
- Educational Attainment
  - Without Disability
  - Out of Poverty
  - Health-Insured

Community Connectivity Capacity
- Civic Infrastructure
- Metropolitan Stability
- Homeownership
- Voter Participation
What is Resilience? The Geography of Resilience Capacity

Source: Resilience Capacity Index; brr.berkeley.edu; Z-scores based on 361 metros; data from 2009-2011
What About Racine?

<table>
<thead>
<tr>
<th>Resilience Capacity Measure</th>
<th>Score</th>
<th>Category Score/Rank</th>
<th>Overall Score/Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Income Equality</td>
<td>0.57</td>
<td>-0.1 Rank: 214 (Medium)</td>
<td>0.27 Rank: 110 (High)</td>
</tr>
<tr>
<td>Economic Diversification</td>
<td>-0.77</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regional Affordability</td>
<td>-0.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Environment</td>
<td>0.35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Educational Attainment</td>
<td>-0.34</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Without Disability</td>
<td>0.79</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Out of Poverty</td>
<td>0.69</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health-Insured</td>
<td>0.72</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Civic Infrastructure</td>
<td>-0.32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metropolitan Stability</td>
<td>0.63</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Homeownership</td>
<td>0.28</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voter Participation</td>
<td>1.11</td>
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</tbody>
</table>

Source: Resilience Capacity Index; brr.berkeley.edu; Z-scores based on 361 metros; data from 2009-2011
### What About Racine? Comparing Resilience Capacity

<table>
<thead>
<tr>
<th>Metro Area</th>
<th>Regional Economic Capacity</th>
<th>Socio-Demographic Capacity</th>
<th>Community Connectivity Capacity</th>
<th>Overall Resilience Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rank</td>
<td>Quintile</td>
<td>Rank</td>
<td>Quintile</td>
</tr>
<tr>
<td>Racine</td>
<td>214</td>
<td>Medium</td>
<td>92</td>
<td>High</td>
</tr>
<tr>
<td>Milwaukee</td>
<td>240</td>
<td>Low</td>
<td>85</td>
<td>High</td>
</tr>
<tr>
<td>Dubuque</td>
<td>13</td>
<td>Very High</td>
<td>25</td>
<td>Very High</td>
</tr>
<tr>
<td>Kankakee</td>
<td>74</td>
<td>Very High</td>
<td>231</td>
<td>Low</td>
</tr>
<tr>
<td>Decatur</td>
<td>205</td>
<td>Medium</td>
<td>200</td>
<td>Medium</td>
</tr>
</tbody>
</table>
The Missing Piece(s)

If Resilience is a function of **Capacity + Performance**...

...then what about:

**Environment**

**Infrastructure**

Image: American Society of Civil Engineers
The Missing Piece(s)

Governance ... how groups organize and act [to do something]

- Establish a vision, set priorities
- Understand and address issues
- Provide goods and services
- Resolve conflicts, thwart crises
- Seize opportunities
- Plan for sustainability
- Achieve vitality, equity, efficiency, and resilience
Regional Governance: Sharing a Room

A SHARED ROOM

[Diagram of two beds, one with a guitar and the other with a soccer ball, separated by a line]
Regional Governance: Sharing a Region

A Shared Region

Town A

Town B

Town C

Town D

City

Businesses

Civic Groups

Households

Individuals
## Regional Governance: Old Thinking -- Structure

### Centralized Governance
- Promotes economies of scale
- Promotes economic & environmental coordination
- Promotes equity

### Decentralized Governance
- Promotes accountability
- Promotes political participation
- Promotes cost-braking competition
## Regional Governance: New Thinking – Purpose and Capacity

<table>
<thead>
<tr>
<th>Area</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Actor Group</strong></td>
<td>Clear and legitimate leadership, with appropriate stakeholders and good group relations</td>
</tr>
<tr>
<td><strong>2. Agenda</strong></td>
<td>Clear and appropriate agenda; popular understanding of issues worth tackling</td>
</tr>
<tr>
<td><strong>3. Internal Capacity</strong></td>
<td>Sufficient money, resources, information, expertise, and authority to act</td>
</tr>
<tr>
<td><strong>4. External Capacity</strong></td>
<td>Federal- and state-level influence, and connection to relevant external groups</td>
</tr>
<tr>
<td><strong>5. Implementation Experience</strong></td>
<td>Ample region-scale experience and institutionalization of activity on this issue</td>
</tr>
</tbody>
</table>
Seven Paths to $1+1=3$
1 Have Breakfast Together
2  Build on Your Strengths

PARKS & NATURE SYSTEM PLAN
WINTER 2016

Metro

JAY - LIVERMORE RSU 73 LIVERMORE FALLS

...
Develop Regional Leaders

Leadership Indianapolis

Northwest Arkansas Emerging Leaders

Urban Summit of Greater Kansas City Young Professionals

10th Anniversary Cleveland Leadership Center
4 Leverage Data Collection

Sustainable Dubuque Model

### Economic Prosperity
- Community Design
- Smart Energy Use
- Resource Management
- Regional Economy

### Environmental Ecological Integrity
- Clean Water
- Healthy Air
- Native Plants & Animal
- Reasonable Mobility

### Social Cultural Vibrancy
- Community Knowledge
- Green Buildings
- Healthy Local Foods
- Community Health and Safety

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**Metro Atlanta Speaks: Residents feel comfortable “aging in place” in metro Atlanta**

Atlanta is a place where you could easily live throughout your senior years... Agree?

- Strongly agree, 31%
- Somewhat agree, 26%
- Somewhat disagree, 19%
- Strongly disagree, 15%
- OK, 2%

At the other end of the age spectrum, metro Atlanta’s aging population is growing rapidly because Baby Boomers are retiring in great numbers. Some 65 percent of survey respondents either “strongly agreed” or “somewhat agreed” that Atlanta is a place where they could easily live throughout their senior years.

Source: 2014 Metro Atlanta Speaks survey
Share Support for Shared Assets

73% Share of regional visitors to Denver’s major scientific and cultural facilities who live outside the city.

- Denver Botanic Gardens
- Denver Art Museum
- Denver Zoological Gardens
- Denver Museum of Nature and Science
- Denver Center for the Performing Arts

Saint Louis Zoo
Saint Louis Art Museum
Saint Louis Science Center
Missouri Botanical Garden
Missouri History Museum
Include Everyone

Weigh in with a text. It’s as easy as A, B or C.

A brief survey using the text function of your mobile phone. Test it Forward broadens the conversation shaping One Region Forward.

1. Begin the survey by answering this question:

Is Buffalo Niagara moving in the right direction?

A = Yes
B = No
C = Other

2. Text the letter of your answer to:

716-791-5140

You’ll get 3-5 follow-up questions.

New follow-up questions each month!

How does this work?
Text your answer to the question to have your response recorded and begin the survey.
Your privacy is important to us.
We don’t use your number again.
More info: http://testitforward.com/privacy

What kind of community do we want to build today for future generations?
The idea is to grow Buffalo Niagara to find more sustainable ways to live.

Test it Forward is one of many ways One Region Forward is engaging citizens across the Buffalo Niagara region in shaping important decisions we make together.

grow our economy
travel
produce food
build communities
Institutionalize Collaboration
Coda: Bonus Questions for Resilient Communities

1. What is your community?

2. Who is your community?

3. What is your community’s appetite and aptitude for working together?

4. What are your community’s mechanisms for self-assessment, deliberation, and action?

5. How will your community determine answers to questions 1 through 4?