Putting Youth on the Map &
The Regional Opportunity Index

Sacramento Promise Zone Webinar

Presented by
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and Chris Benner (ROI)
Research that Matters for Regions

Dedicated to producing innovative and collaborative research to inform the building of healthy, prosperous, sustainable and equitable regions in California and beyond.

regionalchange.ucdavis.edu
CRC Modes of Engagement

- Conduct solutions-oriented research
- Provide innovative data/mapping tools
- Grow community capacity to use research and data tools
- Facilitate two-way university and community engagement for mutual learning
- Build collaborative partnerships (policy, advocacy, business, media and research sectors)
Intro to the Regional Opportunity Index
& Putting Youth on the Map
Overview of PYOM & ROI

- Maps reflecting holistic measures of youth wellness and youth vulnerability
- Maps assessing the availability of opportunity across the areas of education, economics, health, housing, transportation/mobility and civic participation
- Analyses provided by race/ethnicity, gender and place
- Sharing options via print and social media
- Downloadable data
But Why Maps? How Are People are Using It?

• Visual and easily understandable

• Identify community challenges

• Connect personal experiences with local issues

• Inform decision-making of government agencies, foundations, and nonprofits

• Promote dialogue between government, nonprofits, communities, and youth
Exploring the Regional Opportunity Index
Data Sources

- U.S. Census
- California Department of Education
- Federal Communication Commission
- California Department of Public Health
- California Registrar of Voters
- National Establishment Time-Series Dataset
- BLS Quarterly Census of Employment and Wages
- FDIC (Federal Deposit Insurance Corporation) and NCUA (National Credit Union Association)
- USDA Food Access Research Atlas
- California EPA, Office of Environmental Health Hazard Assessment and Air Resources Board
ROI Indicators

Person

• **Education**
  - % of adults with post-secondary education
  - % 4th graders proficient in ELA
  - % 4th graders proficient in math
  - Elementary school truancy rate

• **Economy**
  - % of adult population employed
  - % of households above 200% FPL

• **Housing**
  - % of households who own home
  - % of households paying <30% of income on housing

• **Mobility/Transportation**
  - % who commute 30 min. or less
  - % households with at least 1 vehicle for worker
  - Households with broadband

• **Health/Environment**
  - % healthy weight babies
  - % births to teens
  - % deaths to <75 year olds

• **Social/Political Engagement**
  - % CVAP that voted in 2010
  - % households not linguistically isolated

Place

• **Education**
  - High school graduation rate
  - High school grads college ready
  - % elementary teachers with 5 years experience and more than BA degree
  - High school suspension and expulsion rate

• **Economy**
  - Jobs within 5 mile radius per 1000 population
  - % jobs that are in high-paying industries within 5 mile radius
  - % job growth in last year within 5 mile radius
  - Banks per 1000 population within 5 mile radius
  - % change in number of employers within 5 mile radius, 2009-2011

• **Housing**
  - % homes with <= 1 occupant per room
  - Ratio of median income to median home value

• **Health/Environment**
  - % mothers receiving prenatal care in first trimester
  - % with access to full-service grocery stores
  - Healthcare provider locations (5 miles) per 1000 population
  - PM2.5 score

• **Social/Political Engagement**
  - % who live in same residence as a year ago
  - % U.S. citizens
Regional Opportunity Index: Home Page

Learn about the ROI

Interactive Maps

An interactive mapping tool used to target investments to the people and places that need it most.

interact.regionalchange.ucdavis.edu/roi/index.html
Regional Opportunity Index
Regional Opportunity Index: Sacramento

<table>
<thead>
<tr>
<th>Regional Opportunity Index: People</th>
<th>Regional Opportunity Index: Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Map of Sacramento Region]</td>
<td>![Map of Sacramento Region]</td>
</tr>
</tbody>
</table>

Legend:
- **Highest Opportunity**
- **Lowest Opportunity**
- **Some data not available**

UC Davis Center for Regional Change
Regional Opportunity Index: Specific Community

Legend:
- Highest Opportunity
- Lowest Opportunity
- Some data not available

Additional Map Legend Notes:
- Asterisks indicate estimates that have a high degree of uncertainty.
- Indicates that this bar is longer than the chart accommodates.
- Values were not calculated if data are missing or unreliable, or in tracts with fewer than 100 people or more than 25% prison population.
Regional Opportunity Index: Specific Topic
The Regional Opportunity Index
The Regional Opportunity Index

Economic Opportunity: People

Employment Rate

Min. Basic Income

Overall Mean

Additional Map Legend Notes:
- Asterisks indicate estimates that have high degree of uncertainty.
- Indicates that this bar is longer than the chart accommodates.
- Values were not calculated if data are missing or unreliable, or in tracts with fewer than 100 people or more than 20% prison population.

Economic Opportunity: Place

Job Availability

Job Growth

Job Quality

Bank Accessibly

Business Growth

Overall Mean

Additional Map Legend Notes:
- Asterisks indicate estimates that have a high degree of uncertainty.
- Indicates that this bar is longer than the chart accommodates.
- Values were not calculated if data are missing or unreliable, or in tracts with fewer than 100 people or more than 20% prison population.

Highest Opportunity

Lowest Opportunity

Some data not available

Economic Opportunity: People: The Economic Opportunity: People domain measures the relative economic well-being of the people in a community, in the form of employment and income level.

Economic Opportunity: Place: The Economic Opportunity: Place domain measures the relative economic climate of a community, in the form of access to employment and business climate.
The Regional Opportunity Index
Printable Maps

[Map Image with Legend and Description]

Description:
Percentage of adults age 20-64 employed (Source: ACS)

Legend:
- Highest Opportunity
- Lowest Opportunity
- Some data not available

[Map Image with Legend and Description]
Exploring Putting Youth on the Map
Making Youth Data Matter

University of California
Agriculture and Natural Resources

Putting Youth on the Map: A PIndex Instrument for Assessing Youth Well-Being
Nancy Erbein, Cassie Hartog & Estella M. Geaghny

UC Davis
Center for Regional Change

Sierra Health Foundation
An Endowment for Northern California

The California Endowment
Community Collaboration on Curriculum

South Sacramento BHC Youth Leaders

Fathers and Families of San Joaquin

Eastern Coachella Valley BHC Youth Leaders
### Putting Youth on the Map: Resources

#### Indices
- Youth Well-Being Index
- Youth Vulnerability Index
- Associated data and statewide analyses

#### Other Maps/Data
- Income Adequacy
- Food Access
- Transportation Access
- Truancy & Suspension rates
- Youth Voting Patterns
- And more...

#### Mapping Resources
- Data Links
- PGIS Tools
- Mapping for Change Curriculum
- User Stories
Youth Well-Being Index

- **Health**
  - Physical fitness
  - Substance use avoidance
  - Feeling safe

- **Education**
  - High school graduation
  - University readiness

- **Social Relationships**
  - Positive relationships with adults and peers

- **Community Involvement**
  - Community involvement (group participation and helping others)

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Youth Vulnerability Index

Putting Youth on the Map: Specific Community

Map 1 - details for: Twin Rivers Unified School District

County: Sacramento
District: Twin Rivers Unified School District

Index of Youth Wellbeing: All*

<table>
<thead>
<tr>
<th></th>
<th>District</th>
<th>State Average</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>55%</td>
<td>64%</td>
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Score Breakdown*

<table>
<thead>
<tr>
<th></th>
<th>Health</th>
<th>Education</th>
<th>Social</th>
<th>Community</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>62%</td>
<td>39%</td>
<td>61%</td>
<td>57%</td>
</tr>
</tbody>
</table>
Putting Youth on the Map: Specific Topic

Map 1 - details for: Twin Rivers Unified School District

**County:** Sacramento

**District:** Twin Rivers Unified School District

**Youth Wellbeing Education**

- District: 39%
- State Average: 60%

**Domain Score Breakdown by Indicators**

- High School Graduation Rate: 59%
- University Ready: 19%
Putting Youth on the Map: Scales of Justice

Map 1 - Equity Details for: Twin Rivers Unified School District

- County: Sacramento
- District: Twin Rivers Unified School District

Youth Wellbeing Education by Sex:

- Males: 35%
- Females: 42%

Youth Wellbeing Education by Race/Ethnicity:

- Nat.Amer./Alask: 9%
- Asian: 29%
- Black: 59%
- Filipino: 56%
- Hispanic: 34%
- Pac.Islander: 46%
- White: 42%
- Two or More: 31%

Map Legend:
- 90 - 100%
- 60 - 89%
- 70 - 79%
- 60 - 85%
- 50 - 58%
- 40 - 49%
- 30 - 39%
- 0 - 29%
- No Data or Unreliable Data
Putting Youth on the Map - Printing and Sharing

Print Maps: Jpeg or PDF

Share Maps Via: Facebook, Twitter and Yahoo Mail and Gmail!
Recap

Regional Opportunity Index
• Compares conditions of communities to CA state average
• Analysis of people & places
• Includes youth & adult data

Putting Youth on the Map
• Well-being index: scored on an optimal 100% rating & can be broken down by race, ethnicity, and gender
• Vulnerability index: scored on benchmark system
• Youth focused data
Uses of ROI & PYOM Mapping Tools
Printable & Sharable

High School Graduation Rate, CDE 2011-2013

Description
Average % student cohort completing basic academic training by graduating from high school (averages over 5 years). Rate results do not include county non-private and non-district charter schools.

Legend
High School Graduation Rate
No Data or Unreliable Data
0 - 20%
30 - 39%
40 - 49%
50 - 59%
60 - 69%
70 - 79%
80 - 89%
90 - 100%

Date: 8/6/2015
http://interact.regionalchange.ucdavis.edu/youth/

UC Davis
Center for Regional Change
PYOM Curriculum and Training for Youth Advocates: Building Health Communities
Locating Affordable Housing Investment
Informing Courageous Collaboration: Yolo County

Yolo County Education and Equity Summit Series Resources

To download a copy of the Summit Series flyer, please CLICK HERE.

Handouts and Resources from Presentations

Educational Status of Yolo County Children - Dr. Nancy Erbstein
- PowerPoint Presentation

www.ycoe.org
Supporting Youth Participation in General Plan Development: LUPA

http://dophlupa.weebly.com/
Supporting Youth Participation in Cross-Sector Policy Development & Action: My Brothers’ Keeper

**Real Talks about:**
- Education
- Public Safety
- Workforce Development
- School District Officials
- Mayor Kevin Johnson
- City Officials
- Community Organizations
- Law Enforcement Agencies

**Where:**
Sacramento State University
Harper Alumni Center
6000 J Street
Sacramento, CA 95819
Friday, September 25th, 2015
9:00 AM – 2:00 PM

**September 25th, 2015**
9:00 AM – 2:00 PM
Sac State Harper Alumni Center

Let’s talk about the real issues of:
- Education
- Public Safety
- Better Job Opportunities

Creating opportunities for Young Men of Color
Engaging Under-Represented Young Adults in Community and Regional Change: NOPAL

**NOPAL (Neighborhoods Owning Power, Advocacy and Leadership)**

- CBDIO • Centro Binacional para el Desarrollo Indígena Oaxaqueño (Fresno, Madera, Greenfield)
- Fathers and Families of San Joaquin (Stockton)
- Merced Organizing Project (Merced)
- MILPA • Motivating Individual Leadership for Public Advancement (Salinas)
- UC Davis (N.Erbstein, S.Cuellar, M.Romero)
- UC Merced (R.DeLugan)
- UC Santa Cruz (R.Glass, E.Borg, R.London, V. Terriquez)

Photo: José E. Chávez
Communicating Diverse Community Experience
Informing Philanthropy and Private Sector Investment

Mapping Opportunity in California’s San Joaquin Valley

February 2015

UC DAVIS
CENTER FOR REGIONAL CHANGE
Multiple Policy-Relevant Constituencies

Advocates
Businesses
Policy Makers
Media

Collaboration
Additional Uses

- **Nonprofit organizations**
  - Identify local issues
  - Inform program focus
  - Establish context for grant applications

- **Businesses**
  - Bank CRA reporting: ensure investments benefit the community

- **Local & State Government**
  - Identify local issues: inform priorities & decision-makers
  - Support for political action

- **Multi-sector collaborations**
Thank You!

• How can ROI & PYOM inform your work?
• How can you use these tools to promote equity?

PYOM & ROI Mapping Tools
http://interact.regionalchange.ucdavis.edu/

Research, website development and outreach generously supported by: