Regional Opportunity Index

A powerful new information resource for people building healthy, prosperous, sustainable and equitable communities

Webinar: Launch of State-Wide Web-site
December 16, 2014
“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.”

Chris Benner, Professor
CRC Executive Committee

Sergio Cuellar
Community Engagement Coordinator
Comprehensive Vision of Regional Opportunity

- Education
- Economy
- Transportation/Mobility
- Health/Environment
- Housing
- Civic Engagement

Opportunity
Who Can Use the ROI?

- Advocates
- Businesses
- Policy Makers

Collaboration
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<th>Peer Review Team</th>
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ROI Conceptual Categories

**People**
- **Education**
  - Early Childhood learning
  - Adult educational attainment
- **Economy**
  - Employed
  - Adequate Income
- **Housing**
  - Home ownership
  - Affordability of housing expenditures
- **Mobility/Transportation**
  - Close to work
  - Adequate transportation access
  - Broadband internet access
- **Health/Environment**
  - Child Health
  - Elderly health
- **Social/Political Engagement**
  - Political engagement
  - Civic engagement
  - Social Capital

**Place**
- **Education**
  - Quality of elementary schools
  - Quality of high schools
  - Access to adult education
- **Economy**
  - Job availability
  - Job quality
  - Business growth
  - Access to financial services
- **Housing**
  - Housing adequacy
  - Housing affordability
- **Mobility/Transportation**
  - Quality of mass transit
  - Availability, quality, affordability of internet services
- **Health/Environment**
  - Availability and quality of health services
  - Access to healthy foods
  - Quality of air and water
- **Social/Political Engagement**
  - Residential stability and integration
  - Prevalence of civil society organizations
Indicator Selection Criteria

• Availability and Currency
• Geographic Scale (possible to calculate at tract level)
• Reliability
Data Sources

- U.S. Census,
  - ACS 5-year datasets
- California Department of Education
  - STAR Test Results Research Files; DataQuest Expulsion, Suspension, and Truancy Report; Cohort Outcome Data; Graduates by Race and Gender; Staff Demographics
- Federal Communication Commission
- California Department of Public Health
  - Birth & Death Statistical Master Files
- California Registrar of Voters
  - General Election Statement of Registration
- 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

### People
- **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
Youth Well-Being Index

- Physical fitness
- Substance use avoidance
- Feeling safe

- High school graduation
- University readiness

- Positive relationships with adults and peers

Envisioning ROI 2.0+

- Multiple years-Change over time
- Custom geographies
- Custom weighting
- User-generated data layers/maps
- New Data
  - Google transit feed
  - Civic infrastructure
  - Adult education
  - Banking services (check cashing)
  - Crime
- Annual Updates
- Website Information
  - Success Stories
  - Tutorials
- Outreach workshops
- Expand geographic scope
  - Other states
  - Nation-wide
Thank you!

http://interact.regionalchange.ucdavis.edu/roi/