

Putting Down Roots: A Graphical Exploration of Community Attachment

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Data

The data come from the Knight Foundation's 'Soul of the Community' project. The Knight Foundation in cooperation with Gallup collected data from 43,000 people over three years in 26 communities across the United States. The 26 communities do not constitute a random sample of communities across the United States; participating communities were those where the Knight Foundation was already active. Along with survey answers, the data contains derived metrics that were used to gain insight to what makes a community thrive.

Metrics

Community Attachment	<ul style="list-style-type: none">I am proud to say I live in [Community].[Community] is the perfect place for people like me.Taking everything into account, how satisfied are you with [Community] as a place to live?How likely are you to recommend [Community] to a friend or associate as a place to live?And thinking about five years from now, how do you think [Community] will be as a place to live compared to today?
Safety	<ul style="list-style-type: none">How would you rate how safe you feel walking alone at night within a mile of your home?How would you rate the level of crime in your community?
Education	<ul style="list-style-type: none">The overall quality of public schools in your communityThe overall quality of the colleges and universities
Leadership	<ul style="list-style-type: none">The leadership of the elected officials in your cityThe leaders in my community represent my interests
Aesthetics	<ul style="list-style-type: none">The availability of outdoor parks, playgrounds, and trailsThe beauty or physical setting
Economy	<ul style="list-style-type: none">The availability of job opportunitiesHow would you rate economic conditions in [Community] today?Right now, do you think that economic conditions in [Community] as a whole are getting better or getting worse?How likely are you to agree that your job provides you with the income needed to support your family?Now is a good time to find a job in my areaHow satisfied are you with your job, that is, the work you do?
Social Offerings	<ul style="list-style-type: none">Having a vibrant nightlife with restaurants, clubs, bars, etc.Being a good place to meet people and make friendsHow much people in [Community] care about each other
Social Capital	<ul style="list-style-type: none">How many formal or informal groups or clubs do you belong to, in your area, that meet at least monthly?How many of your close friends live in your community?How much of your family lives in this area?How often do you talk to or visit with your immediate neighbors?
Basic Services	<ul style="list-style-type: none">The highway and freeway systemThe availability of affordable housingThe availability and accessibility of quality healthcare
Civic Involvement	<ul style="list-style-type: none">Performed local volunteer work for any organization or groupAttended a local public meeting in which local issues were discussedVoted in the local electionWorked with other residents to make change in the local community
Openness	<ul style="list-style-type: none">Young, talented college graduates looking to enter the job marketImmigrants from other countriesFamilies with young childrenGay and lesbian peopleSenior citizens

Philosophy

Our goal in this analysis is to facilitate the understanding of why people feel attachment to their communities. By utilizing an interactive and data driven web-based approach, we place the user in the driver seat of their own experience. The philosophy behind our work has been from the point of view of a community planner, either from one of the communities in the study or from a community in the same region or a similar urbanicity. By exploring the factors that lead to community attachment in a similar community to their own, a user can apply the conclusions to their own situation. See <http://glimmer.rstudio.com/andee/DataExpo2013/> for implementation.

Tools

Interactive Application: Shiny, D3, JQuery, Glimmer Server Data Manipulation: R, plyr, rjson

West Region

Great Plains Region

Rust Belt Region

Southeast Region

Deep South Region

