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# SOCIOECONOMIC INDEX

*San Bernardino & Riverside Counties*

2015

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2015

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## Background

The Community Clinic Association of San Bernardino County (CCASBC) was founded in 2009, incorporated in 2010 and designated as a 501 (c)(3) nonprofit organization in 2011. Its mission is to build an effective, countywide association of community clinics that efficiently deliver culturally appropriate quality healthcare to the medically indigent, underserved, uninsured, and/or underinsured. CCASBC envisions a sustainable, well-resourced, politically influential association of community clinics that provide the people of San Bernardino County with accessible, quality, affordable, and culturally appropriate healthcare.

CCASBC provides advocacy, public policy, and education services as well as resource sharing to help primary care clinics maintain and strengthen their regional network of quality and accessible care. In addition, CCASBC actively seeks partnerships with other healthcare organizations, governmental agencies, and other community resources to improve access to and enhance the quality of the outstanding care currently being delivered in the region.

CCASBC's organizational membership is diverse and includes Federally Qualified Health Centers (FQHCs) and FQHC look-alikes, public health clinics, hospital based clinics, and Community Health Centers (CHCs) as well as an Indian Health clinic, a free clinic and a school based clinic for a total of 19 safety net clinic systems representing 45 clinic sites throughout the region. In 2014, participating CCASBC member clinics conducted over 570,000 encounters serving approximately 170,000 unduplicated patients across San Bernardino and Riverside counties.<sup>1</sup>

The impetus for this project was to strategically determine which zip codes within San Bernardino and Riverside counties have the most need for additional health resources and share these findings with CCASBC Board of Directors and member clinics. This need for additional health resources is determined through a proprietary, customized Socioeconomic Index. This index is a composite measure of key indicators in three categories: Economy and Housing; Education and Culture; and Health and Access to Care. Taken together, they provide a snapshot of the socioeconomic condition in which people live: zip codes can be compared to each other as well as against the county average. This can assist in identifying zip codes with the highest percent of uninsured, the lowest penetration rate of low-income by health centers, the highest unemployment rate – and therefore those with the most need for additional health resources. Each category is comprised of five key indicators. For a detailed definition and source for each individual indicator, refer to the glossary below.

## Report of Findings

Of San Bernardino and Riverside counties' 4.4 million residents, approximately 1.7 million (or 38.2 percent) are low-income, living at or below 200 percent of the Federal Poverty Level (FPL),

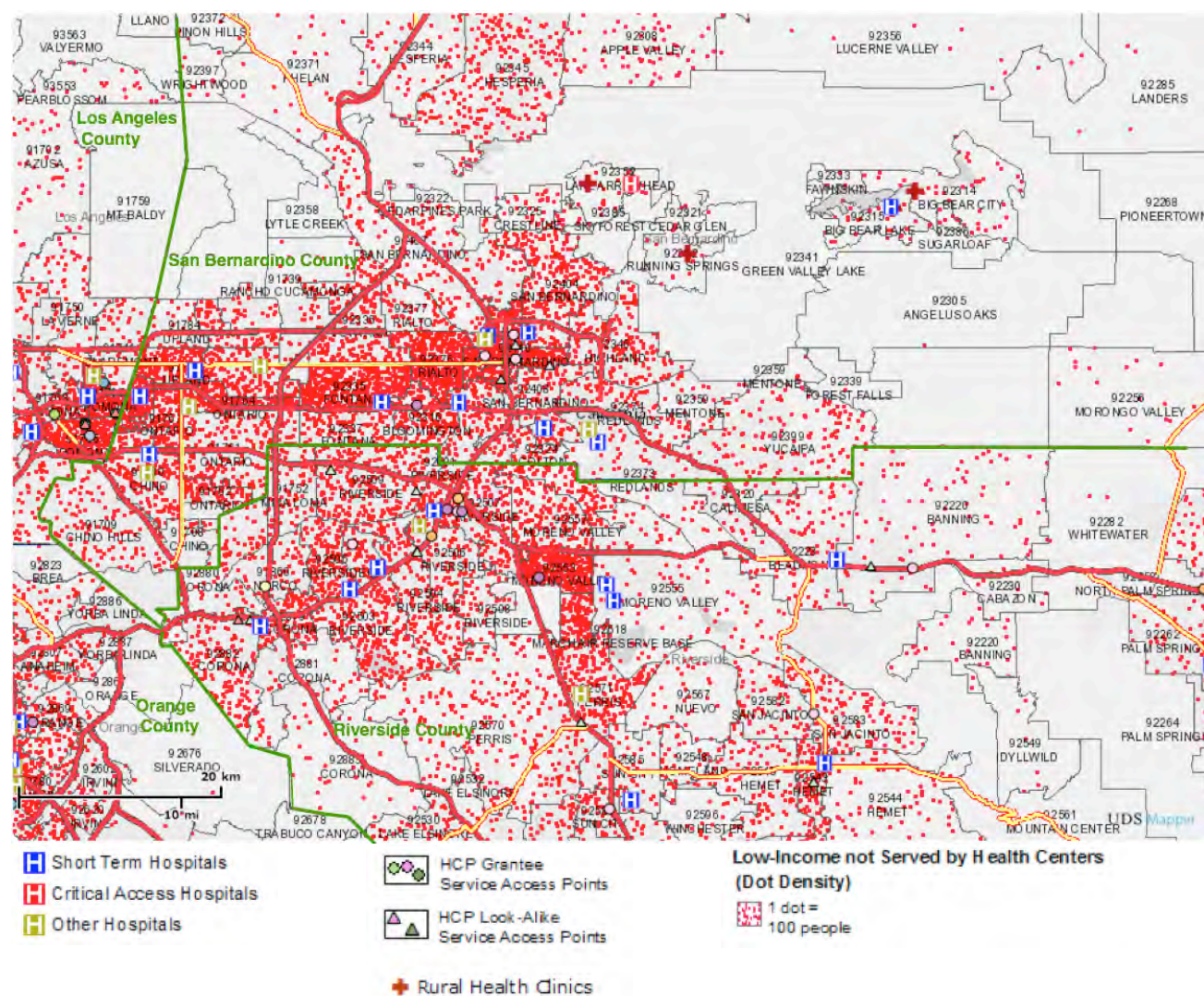
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<sup>1</sup> 2014 Membership Survey CCASBC, November 2014. Health Assessment Resource Center.

<sup>2</sup> 2015 Poverty Guidelines. Available at: <https://www.federalregister.gov/articles/2015/01/22/2015-01120/annual-update-of-the->

which in 2015 corresponds to \$24,250 for a family of four.<sup>2</sup> In 2013, FQHCs and FQHC-Look Alikes across both counties served a total of 195,630 low-income patients, corresponding to a low-income penetration rate of 11.54 percent. Riverside County has almost three times the Heath Center penetration rate (16.4 percent) than San Bernardino county (6.10 percent) according to the latest UDS Mapper numbers. In any case, almost 1.5 million low-income residents across both counties are not receiving comprehensive primary health care services from FQHCs or Look-Alikes. See Figure 1 below for a dot-density representation of all low-income persons not served by health centers in the service area.

**Figure 1: Low-income population not currently served by Health Center Program in San Bernardino and Riverside counties**



<sup>2</sup> 2015 Poverty Guidelines. Available at: <https://www.federalregister.gov/articles/2015/01/22/2015-01120/annual-update-of-the-hhs-poverty-guidelines#t-1>



The region has fewer than half the FQHCs per capita than the state average, even with the area's population more likely to be low income and uninsured or covered by Medi-Cal.<sup>3</sup> Indeed, 20 percent of residents across these two counties are uninsured and 23.4 percent receive coverage under Medi-Cal and other public programs.<sup>4</sup> Low-income individuals are more likely to receive public insurance such as Medi-Cal. However, many physicians are unwilling to accept Medi-Cal patients due to the low reimbursement rate. Therefore many Medi-Cal patients as well as those that are uninsured/ underinsured are unable to access needed resources and must rely on the local health care safety net. Currently, these safety net clinics only have the capacity to serve 11.54 percent of their target population. The need for more affordable, accessible, high-quality, and culturally appropriate primary health care services is clear.

The lowest scoring zip code in San Bernardino County is 92401, located in the city of San Bernardino, directly to the East of the 215 Freeway where Route US 66 ends. See Appendix A for a map of all San Bernardino zip codes color-coded by their overall socioeconomic index score as well as their score on the education and culture, economy and housing, and health care access sub-indices. The scores for each indicator for this zip code can be found in Table 1 below. This zip code is closely followed by surrounding city of San Bernardino, zip codes (92408, 92410, 92411) in terms of poor socioeconomic index scores (each indicator score for all zip codes that make up the indices can be found in Attachment B). With a total population of 89,541 – of which 61,680 are low-income – only 6,587 were patients of a health center in 2013, leaving 55,093 low-income residents without access to affordable, accessible, comprehensive, and high-quality primary care services, as well as dental, behavioral health, and other enabling services.<sup>5</sup>

The highest scoring zip code in San Bernardino County is 91759, a very rural and remote area near Mount Baldy in the Angeles National Forest. Predictably, this sparsely populated zip code does not house any health centers. To the southeast are three other high scoring zip codes that are a bit more urban and representative of the County as a whole: Upland (91784) and Rancho Cucamonga (91701 and 91737). Each indicator score for all zip codes can be found in Attachment A. These four zip codes combined have 91, 538 residents. Although their percent low-income population is low (13.7 percent) that still corresponds to 12,544 low-income individuals that need access to health care services. However, there are no FQHCs or FQHC-Look Alikes across these four zip codes. According to the UDS Mapper, the Health Center penetration rate for these combined zip codes was 1.03 percent or 130 patients from these zip codes were seen at a Health Center someone else in the County. Where did the remaining 12,414 low-income individuals seek services?

**Table 1: Socioeconomic Index for San Bernardino County: Lowest and highest scores**

	San Bernardino County County (Average)	Highest scoring zip code (91759)	Lowest scoring zip code (92401)
<b>Overall socioeconomic index</b>	<b>64.6</b>	<b>79.2</b>	<b>37.2</b>

<sup>3</sup> Riverside/ San Bernardino: Vast Region, Market Fragmentation Add to Access Woes. Center for Studying Health System Change, September 2012. and Available at: <http://www.chcf.org/publications/2012/09/regional-market-riverside-san-bernardino>

<sup>4</sup> U.S. Census Bureau. Selected Economic Characteristics (Table DP03), 2009-2013 American Community Survey 5-year estimates

<sup>5</sup> UDS Mapper

<b>Economic and housing score</b>	<b>61.8</b>	<b>71.8</b>	<b>27.0</b>
Unemployment rate	14.5 %	2.3 %	26.6 %
% of Population under 200% of poverty	41.7 %	6.9 %	93.9 %
Gini Coefficient	0.436	0.40	0.46
% Renters	38.1 %	14.4 %	93.7 %
% Without affordable housing	14.5 %	53.4 %	50.0 %
<b>Education and Culture Score</b>	<b>62.0</b>	<b>69.8</b>	<b>37.4</b>
High school dropout rate	4.2 %	N/A	N/A
% of population without higher education	55.7 %	17.7 %	75.3 %
% Hispanic	49.2 %	9.7 %	61.0 %
% Linguistically isolated	41.1 %	10.6 %	50.7 %
% Undocumented workers	4.1 – 7 %	0 – 1 %	15.1 %+
<b>Health and Access to Care Score</b>	<b>70.1</b>	<b>96.0</b>	<b>47.2</b>
% Uninsured	20.2 %	5.5 %	29.2 %
% on Medicaid	18.3 %	3.9 %	42.2 %
Population to 1 FTE physician	1,333:1	2,416:1	1,273:1
Health Center penetration rate of low-income	6.1 %	0.0 %	38.4 %
Mortality rate (per 100,000)	600	N/A	1,434

The lowest scoring zip code in Riverside County is 92254, located in the city of Mecca, where the 86 and 111 Freeways split off to the South on either side of the Salton Sea. See Appendix A for a map of all Riverside zip codes color-coded by their overall socioeconomic index score as well as their score on the education and culture, economy and housing, and health care access sub-indices. The score for each indicator for this zip code can be found in Table 2 below. Two adjacent zip codes (92274 – Thermal and 92236 – Coachella) also have some of the lowest socioeconomic index scores across Riverside county, making this small region one in which to focus health care resources. Each indicator score for all zip codes can be found in Attachment B. This region has a total population of 70,467, of which 69 percent or 48,212 individuals are low-income. However, in 2013, only 16,692 were patients of a health center, leaving 31,520 low-income residents without access to affordable, accessible, comprehensive, and high-quality primary health care services, as well as dental, behavioral health, and other enabling services.<sup>6</sup>

The highest scoring zip code in Riverside County is 92210, a very wealthy area of Indian Wells with mostly country clubs and gold courses. Clustered around this zip code are also Palm Desert (92211, 92260), Rancho Mirage (92270), and La Quinta (92253), all with high scores on the Socioeconomic Index (see Attachment A). These five zip codes combined have 115,019 residents. Although their percent low-income population is relatively low (25 percent) that still corresponds to 29,412 low-income individuals that need access to health care services. However, there are no FQHCs or FQHC-Look Alikes across these five zip codes. According to the UDS Mapper, the Health Center penetration rate for these combined zip codes was 10.5 percent, meaning 3,079 out of 29,412 low-income residents were seen at a Health Center somewhere else in the County.

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<sup>6</sup> UDS Mapper

**Table 2: Socioeconomic Index for Riverside County: Lowest and highest scores**

	<b>Riverside County (Average)</b>	<b>Highest scoring zip code (92210)</b>	<b>Lowest scoring zip code (92254)</b>
<b>Overall socioeconomic index</b>	<b>67.1</b>	<b>76.6</b>	<b>28.3</b>
<b>Economic and housing score</b>	<b>66.9</b>	<b>72.5</b>	<b>33.4</b>
Unemployment rate	14.9 %	11.4 %	32.7 %
% of Population under 200% of poverty	38.7 %	13.6 %	78.6 %
Gini Coefficient	0.441	0.58	0.38
% Renters	33.5 %	18.6 %	39.1 %
% Without affordable housing	14.9 %	49.0 %	40.6 %
<b>Education and Culture Score</b>	<b>72.9</b>	<b>72.8</b>	<b>25.0</b>
High school dropout rate	3.3 %	N/A	N/A
% of population without higher education	24.4 %	15.9 %	88.7 %
% Hispanic	45.5 %	3.9 %	97.4 %
% Linguistically isolated	39.9 %	13.1 %	92.5 %
% Undocumented workers	4.1 – 7 %	0 – 1 %	15.1 % +
<b>Health and Access to Care Score</b>	<b>61.6</b>	<b>84.5</b>	<b>26.6</b>
% Uninsured	20.2 %	4.6 %	34.7 %
% on Medicaid	15.8 %	0.8 %	38.9 %
Population to 1 FTE physician	2056:1	1,037:1	4,606:1
Health Center penetration rate of low-income	16.4 %	0.0 %	61.9 %
Mortality rate (per 100,000)	655.3	1,502	277

## Methodology

### *1. GFA's Approach*

The Socioeconomic Index is constructed using official statistics from a variety of sources including the U.S. Census Bureau, U.S. Department of Health and Human Services, and California Department of Public Health. Refer to the Glossary of Indicators to see a detailed explanation and source for each indicator.

The Socioeconomic Index is made up of fifteen individual indicators, each in one of the following categories: Economy and Housing; Education and Culture; or Health and Access to Care. The overall Socioeconomic Index score is the average of the three category scores. Each category contributes one-third of the final score and is comprised of five indicators which each contribute equally to the category score. The five indicators for each category were normalized to a score between zero and one hundred, as detailed below.

Rather than relying directly on health outcomes data – much of which is not available at the zip code level – this index accounts for the underlying social and economic barriers that affect overall health. Using a combination of research, literature, and experiential evidence, fifteen individual indicators, split into three categories, were identified to serve as proxies for access to health care and healthcare status.

## **Index: Economy and Housing**

*Indicators: unemployment rate, percent of population under 200% of poverty, Gini coefficient of inequality, percent of renters, percent without affordable housing*

Rising socioeconomic status tends to improve health outcomes, while falling socioeconomic status tends to decrease levels of health and wellness. Income is one of the strongest predictors of health outcomes worldwide. Health care access, outcomes, and life expectancy improve as income increases.<sup>7</sup> Lower incomes are associated with higher rates of mortality, premature births, and other health issues. Households with higher incomes are likely to have more educated residents, lower unemployment rates, and better access to healthcare. These factors contribute to better health outcomes related to mortality, premature births, and other health indicators.<sup>8,9</sup>

When households earn incomes much lower than the average cost of living, they tend to make sacrifices in important areas. Those lifestyle compromises can include eating less food and/or more unhealthy food, living in substandard housing, and/or delaying medical care. Additionally, the lack of resources to meet basic needs causes long-term stress, which makes the body less resistant to other health risks. Low-income wage earners are also less likely to be covered by an employer's health insurance program, and if they are covered, they are often less able to pay their share of health expenses.<sup>10</sup>

Increased use of rental housing is associated with more transitory lifestyles, a less stable home and an environment that deters health prevention.<sup>11</sup> For example, rental housing is more likely than owned housing to be sub-standard, in neighborhoods with higher crime rates, lower quality schools, limited healthy food choices and fewer recreational opportunities.<sup>12</sup> This measure does not reflect whether there is a significant population of homeless individuals in an area, a factor that could influence demands on local health systems in addition to the inherent increase in overall health risk from lack of stable shelter.

## **Index: Education and Culture**

*Indicators: high school drop out rate, percent without higher education, percent Hispanic/Latino, percent linguistically isolated, percent migrant workers*

Lack of education has been cited as a major indicator of poor health in many studies.<sup>13</sup> Educational barriers often turn into impediments to employment, further increasing the likelihood of poverty and lack of insurance. Lack of adequate health education also impacts a

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<sup>7</sup> Marmot, M. (2002, March). The Influence of Income on Health: Views of an Epidemiologist. *Health Affairs*, 21(2), pp. 31-46.

<sup>8</sup> Bhatia, R. and Katz, M. (2001). Estimation of Health Benefits from a Local Living Wage Ordinance. *American Journal of Public Health*: 91(9), pp. 1398-1402.

<sup>9</sup> Haan M., Kaplan G.A., and Camacho T. (1987). Poverty and health: Prospective evidence from the Alameda County Study. *American Journal of Epidemiology*: 125(6), pp. 989-98.

<sup>10</sup> DeNavas-Walt C, Proctor BD, Mills RJ. Income, Poverty, and Health Insurance Coverage in the United States: 2003. U.S. Census Bureau, Current Population Reports, P60-226. U.S. Government Printing Office, Washington, DC, 2004.

<sup>11</sup> Diez Roux AV, Merkin SS, Arnett D, et al. Neighborhood of residence and incidence of coronary heart disease. *N Engl J Med*. 2001; 345:99-106.

<sup>12</sup> Macroeconomics and health investing in health for economic development: Report on the commission on Macroeconomics and health. World Health Organization, Geneva 2001.

<sup>13</sup> Fisher Wilson J. The Crucial Link between Literacy and Health. *Annals Internal Medicine*. 11/18/2003, Vol. 139 Issue 10, p875



person's ability to understand medical information or recognize early symptoms of disease. Health literacy is considered a more significant predictor of health status than income level, ethnicity, age, education or employment.<sup>14</sup> Nationally, annual costs associated with low health literacy are about \$73 billion due to hospitalizations resulting from ineffective use of prescriptions or misunderstandings about treatment plans.<sup>15</sup> Low health literacy results in less preventive care, which leads to more chronic conditions, more emergency care, higher costs, and poorer health status. Not surprisingly, low-income, minority, and immigrant groups have the poorest health literacy.

Access to culturally and linguistically competent care is a necessary component in improving health status. Language and culture barriers can contribute to an increased prevalence of disease and lower recruitment into government health programs.<sup>16</sup> According to a study published by the National Poverty Center, immigrants are more likely to live in poverty and have higher risks of disease, disability, and premature death.

Beyond addressing language barriers, the delivery of high-quality primary health care requires health care practitioners to have a deeper understanding of the socio-cultural background of patients, their families and the environments in which they live. According to the National Center for Cultural Competence,<sup>17</sup> nowhere are the divisions of race, ethnicity and culture more sharply drawn than in the health of those residing in the United States. Despite recent progress in overall national health, there are continuing disparities in the incidence of illness and death among African Americans, Latino/Hispanic Americans, Native Americans, Asian Americans, Alaskan Natives and Pacific Islanders as compared with the U.S. population as a whole.

An Institute of Medicine (IOM) report documented racial/ethnic disparities in the diagnosis and treatment of several conditions, even when analyses were controlled for socioeconomic status, insurance status, co-morbidity, and age, among other potential confounders.<sup>18</sup> These disparities are due, in part, to variations in patients' health beliefs, values, preferences, and behaviors. These include variations in patient recognition of symptoms; thresholds for seeking care; the ability to communicate symptoms or concerns or beliefs about certain kinds of care (e.g. concerns of a provider who understands their meaning; the ability to understand the prescribed management strategy; expectations of care; and adherence to preventive measures and medications). These factors influence patient and physician decision-making and the interactions between patients and the healthcare delivery system, thus contributing to health disparities.

Additional health studies have also shown that these disparities are frequently evident in chronic health outcomes for ethnic minorities and English language learners. Within California, specific attention has been paid to diabetes care to underserved communities in the state. These studies

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<sup>14</sup> National Network of Libraries of Medicine. (2007). *Health Literacy, Consumer Health Manual*. Retrieved Oct 4, 2013 from <http://nnlm.gov/outreach/consumer/hlthlit.html>

<sup>15</sup> Sullivan, Eileen and Glassman, Penny. (1998). Health Literacy Fact Sheet. From the National Academy on an Aging Society.

<sup>16</sup> Reynolds D Improving care and interactions with racially and ethnically diverse populations in healthcare organizations. *Journal of Healthcare Management*. 2004 Jul-Aug;49(4):237-49.

<sup>17</sup> National Center for Cultural Competence. Available at: <http://www11.georgetown.edu/research/gucchd/nccc/foundations/need.html>

<sup>18</sup> Institute of Medicine. *Unequal treatment: confronting racial and ethnic disparities in healthcare*. Washington: National Academies Press; 2002.

often demonstrated that ethnic minorities are less likely to receive the standard of care for diabetes than their non-ethnic English-speaking counterparts.<sup>19</sup>

### **Index: Health and Access to Care**

*Indicators: percent uninsured, percent on Medicaid, population to 1 FTE physician, Health Center penetration rate of population below 200% poverty, mortality rate*

Lack of health insurance forces individuals to forgo primary care treatment options, leading to a markedly increased propensity to be hospitalized for chronic conditions.<sup>20</sup> A person without health insurance who experiences an injury or a new chronic condition has greater difficulty accessing recommended medical care and takes longer to return to full health, if at all. And if health remains compromised, it could make it more difficult for an uninsured person to obtain health insurance in the future.<sup>21</sup>

While health insurance is only one of many determinants of health, access to health insurance and health care services has been shown to improve individual and population health.<sup>22</sup> Coverage has been shown to reduce psychological distress, to increase use of medical services, to establish usual sources of care, and to improve continuity of care – all of which are arguably and positively associated with long-term individual health.<sup>23</sup> In contrast, without a regular source of healthcare, the uninsured are less likely to receive important preventive services or treatments for chronic conditions such as asthma, diabetes, or hypertension, making them more likely to develop severe yet preventable health conditions and to be diagnosed at more advanced disease stages. Once diagnosed, the uninsured often receive less or inadequate medical care and are more likely to experience premature death than those who are insured.<sup>24, 25</sup>

## **2. Normalizing Indicators**

In order to calculate the indicator scores, data was collected from the appropriate agency for each indicator. Data for each indicator may be provided by the agency in differing number forms, some indicators are provided as a percentage while others are ratios. Each indicator was rescaled to the highest and lowest observed outcomes in order to compare the performance of each zip code. The rescaling process results in a value between zero and one hundred, where zero represents the worst possible outcome and one hundred represents the best possible outcome. An indicator with a score approaching zero would be an area with more need than an indicator with

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<sup>19</sup> Sara Choi PhD; Jung-Ah Lee PhD; Elizabeth Rush MA, Ethnicity and Disease Journal, Vol 21, Spring 2011, Original Reports: Diabetes, Ethnic and Language Disparities in Diabetes Care among California Residents. Available at <http://www.ishib.org/journal/21-2/ethn-21-02-183ab.pdf>

<sup>20</sup> Holahan J, Arunabh G. The Economic Downturn and Changes in Health Insurance Coverage, 2000-2003. Henry J. Kaiser Family Foundation, Sept. 2004

<sup>21</sup> Hadley, Jack. Insurance Coverage, Medical Care Use, and Short-Term Health Changes Following an Unintentional Injury or the Onset of a Chronic Condition. The Journal of the American Medical Association 2007; 297: 1073-1084.

<sup>22</sup> Paula Braverman, Susan Egerter, and David Williams, “The social determinants of health: coming of age,” Annual Review of Public Health 32(2011).

<sup>23</sup> Institute of Medicine. America’s Uninsured Crisis: Consequences for Health and Healthcare. Washington, DC: National Academy Press, 2009.

<sup>24</sup> Institute of Medicine. Care Without Coverage: Too Little Too Late. Washington, DC: National Academy Press, 2002.

<sup>25</sup> Dorn, S. Uninsured and Dying Because of It: Updating the Institute of Medicine Analysis on the Impact of Uninsurance on Mortality. Washington, DC: Urban Institute, 2008.

a score approaching one hundred. The formula for rescaling indicators using this method is given below:

$$\text{Observed Outcome Rescaled} = \left( \frac{\text{Observed Outcome} - \text{Lowest Outcome}}{\text{Highest Outcome} - \text{Lowest Outcome}} \right) \times 100$$

For most indicators, higher values do not represent desired outcomes, such as in the case of high school drop-out rate and unemployment. High values for these indicators would suggest the zip code has more need. In order to make all the indicators be on the same scale, those indicators where high values represent a negative outcome, the following rescaling formula is used so that 0 is the worst possible outcome and 100 is the best possible outcome.

$$\text{Observed Outcome Rescaled} = \left\{ 1 - \left( \frac{\text{Observed Outcome} - \text{Lowest Outcome}}{\text{Highest Outcome} - \text{Lowest Outcome}} \right) \right\} \times 100$$

The following table provides the lowest and highest observed outcomes for each indicator.

**Table 3: Lowest and highest observed indicators**

Indicator	San Bernardino		Riverside	
	Low Value	High Value	Low Value	High Value
Unemployment rate	0.0%	36.2%	7.5%	32.7%
% of Population Under 200% of poverty	0.0%	100.0%	13.6%	100.0%
Gini Coefficient	0.09	0.55	0.23	0.60
% Renters	0.0%	100.0%	11.0%	87.4%
% Without affordable housing	0.0%	100.0%	0.0%	69.3%
High school dropout rate	0.0%	24.4%	0.3%	49.2%
% of population without higher education	7.5%	100.0%	15.9%	88.7%
% Hispanic	3.7%	81.7%	3.9%	97.5%
% Linguistically isolated	0.0%	100.0%	11.5%	92.6%
% Migrant workers	0% - 1%	15.1% +	1.1% - 5%	10.1% - 15%
% Uninsured	0.0%	100.0%	4.6%	59.4%
% on Medicaid	0.0%	52.3%	0.8%	38.9%
Population to 1 FTE physician	12	75,898	223	36,635
Health Center penetration rate of low-income pop	0.0%	38.4%	0.0%	61.9%
Mortality rate (per 100,000)	73.1	2,934.5	277.3	5,268.6

Of the 163 zip codes studied across San Bernardino and Riverside counties, only 62 have high school drop out rates. The 101 zip codes that do not have high school drop out rates do not have a high school. Indeed, there are high schools in only approximately 1,000 zip codes out of California's 2,500 zip codes. In addition, of the 163 zip codes studied, 147 have mortality data and 16 do not.

There is one zip code (92304) with five indicator values withheld and three zip codes (92267, 92280, 92338) with eight indicator values withheld. These four zip code populations are under 150 people. Because these zip codes are missing a significant number of data points, they are not

comparable to the other zip codes and are therefore not included in the subsequent analysis. For a table of all indicators and normalized scores by zip code, see Attachment B. The following table provides the lowest and highest scores for each category.

**Table 4: Lowest and highest scores for each category**

Category	San Bernardino			Riverside		
	Low Score	High Score	County Average	Low Score	High Score	County Average
Economy and Housing	25.6	100.0	62.0	29.6	72.6	72.9
Education and Culture	33.6	76.4	61.8	25.0	72.9	66.9
Health and Access to Care	47.2	100.0	70.1	26.6	85.8	61.6
Overall Score	37.2	85.0	64.3	28.3	76.6	67.1

## Glossary of Indicators

### Economy and Housing

#### **Unemployment Rate**

*Source: Census Bureau, American Community Survey 2013 5-year estimates*

The unemployment rate represents the number of unemployed people as a percentage of the civilian labor force. The civilian labor force is comprised of those people who are over 16 years old; people who are students, homemakers, retired workers, institutionalized people, and otherwise not looking for work are not considered part of the labor force. People in the labor force are considered unemployed if they were not “at work” nor “with a job but not at work”, were actively seeking work, and were available to start a job during the previous four weeks. People in the labor force are considered employed if they were either “at work” or “with a job but not at work” due to a temporary absence for at least 15 hours the previous week.

#### **Gini Coefficient of Inequality**

*Source: Census Bureau, American Community Survey 2013 5-year estimates*

The Gini Coefficient ranges from zero (perfect equality) to one (perfect inequality), and it is calculated by measuring the difference between a diagonal line (the purely proportionate distribution) and the distribution of actual values (a Lorenz curve). This measure is presented for household income.

#### **Percent Renters**

*Source: Census Bureau, American Community Survey 2013 5-year estimates*

The percentage of occupied housing units, which are not owner-occupied, whether they are rented for payment or occupied without payment of rent, are classified as renter-occupied.

### **Percent of Population Under 200% of Poverty**

*Source: Census Bureau, American Community Survey 2013 5-year estimates*

Poverty status is determined based on family size and monthly income. If the total income is below the relevant poverty threshold, then the family is considered in poverty. 200% of poverty is double the Federal Poverty Level and is considered a measure of poverty.

### **Affordable Housing**

*Source: Census Bureau, American Community Survey 2013 5-year estimates*

Housing is considered affordable when a household spends less than 30% of income on housing. Housing costs are calculated using “Selected Monthly Owner Costs” for those people who own their home and “Gross Rent” for those who rent their home. “Selected Monthly Owner Costs” are the sum of payments for mortgages, deeds of trust, contracts to purchase, or similar debts on the property; real estate taxes; fire, hazard, and flood insurance on the property; utilities and fuels; it also includes, where appropriate, the monthly condominium fee for condominiums and mobile home costs. “Gross Rent” is the contract rent plus the estimated average monthly cost of utilities.

## **Education and Culture**

### **High School Drop Out Rate**

*Source: California Department of Education; 2012-2013 School Year; Based on enrollment grades 9-12 by Zip Code where high schools are located*

The high school dropout rate is the percentage of students who dropped out of high school in grades 9-12, determined by the sum of dropouts in the zip code divided by the sum of enrollment in the zip code. Some zip codes do not contain a high school; these zip codes where data is unavailable were not counted (neither negatively nor positively) in the average used to calculate the Education and Culture index.

### **Percent of Population without Higher Education**

*Source: Census Bureau, American Community Survey 2013 5-year estimates*

Percent of population with a High School Diploma, GED, or alternative credential but no education level above grade twelve attained.

### **Percent of Population that is Hispanic**

*Source: Census Bureau, 2010 Census SF1 Data*

Those persons who identify themselves with the terms “Hispanic,” “Latino,” and/or “Spanish” are considered to be Hispanic. Origin can be viewed as the heritage, nationality group, lineage, or country of birth of the person or the person’s parents or ancestors before their arrival in the United States. People who identify their origin as Hispanic, Latino, or Spanish may be of any race.



### **Percent of Population that is Linguistically Isolated**

*Source: Census Bureau, American Community Survey 2013 5-year estimates*

A household is considered linguistically isolated when the household primarily speaks a language other than English at home.

### **Percent Undocumented Workers**

*Source: Public Policy Institute of California, Unauthorized Immigrants in California*

The percent of total population who are undocumented workers, estimated at the zip code level based on Individual Tax Identification (ITIN) tax filing reports. ITINs are issued by the IRS to U.S. taxpayers who do not have, or are not eligible obtain a Social Security Number.

## **Health and Access to Care**

### **Percent Uninsured**

*Source: Census Bureau, American Community Survey 2013 5-year estimates*

A person is considered uninsured when they do not have health insurance coverage or whose only health coverage was Indian Health Service. Persons who have insurance plans that provide insurance for specific conditions or situations such as cancer and long-term care policies are not considered covered. Other types of insurance like dental, vision, life, and disability insurance are not considered health insurance coverage.

To be considered insured a person must have current coverage through one of the following:

- a) Insurance through a current or former employer or union (of this person or another family member)
- b) Insurance purchased directly from an insurance company (by this person or another family member)
- c) Medicare, for people 65 and older, or people with certain disabilities
- d) Medicaid, Medical Assistance, or any kind of government-assistance plan for those with low incomes or a disability
- e) TRICARE or other military health care
- f) VA (including those who have ever used or enrolled for VA health care)

### **Percent on Medicaid**

*Source: Census Bureau, American Community Survey 2013 5-year estimates*

Persons whose health insurance coverage comes from Medicaid or any kind of government-assistance plan for those with low incomes or a disability. Percentage determined by the number of persons on Medicaid divided by the number of persons for whom data is available.

### **Health Center Penetration Rate of Low Income Population**

*Source: UDS Mapper, Reporting Year 2013*

The percentage of low-income people served by a health center. For each zip code, the number of health center patients from 2013 (in zip codes where health centers report 11 or more patients)

divided by the number of low-income residents (defined as below 200% of poverty, as reported by the American Community Survey 2013 5-year estimates).

### **Population to 1 FTE Physician**

*Source: Office of Statewide Health Planning and Development Database of primary care physicians by California Medical Services Area (MSSA)*

The ratio of population per one full-time equivalent (FTE) physician. FTE is measured by hours of clinical patient care, with a range of approximately 36-40 hours per week. This kind of information is usually obtained through surveys. The population component is determined by 2010 Census total population by census block. Medical Service Study Areas (MSSAs) are sub-city and sub-county geographical units used to organize and display population, demographic and physician data as determined by the Office of Statewide Health Planning and Development. Each MSSA is composed of one or more complete census tracts. MSSAs will not cross county lines. All population centers within the MSSA are within 30 minutes travel time to the largest population center.

### **Mortality Rate**

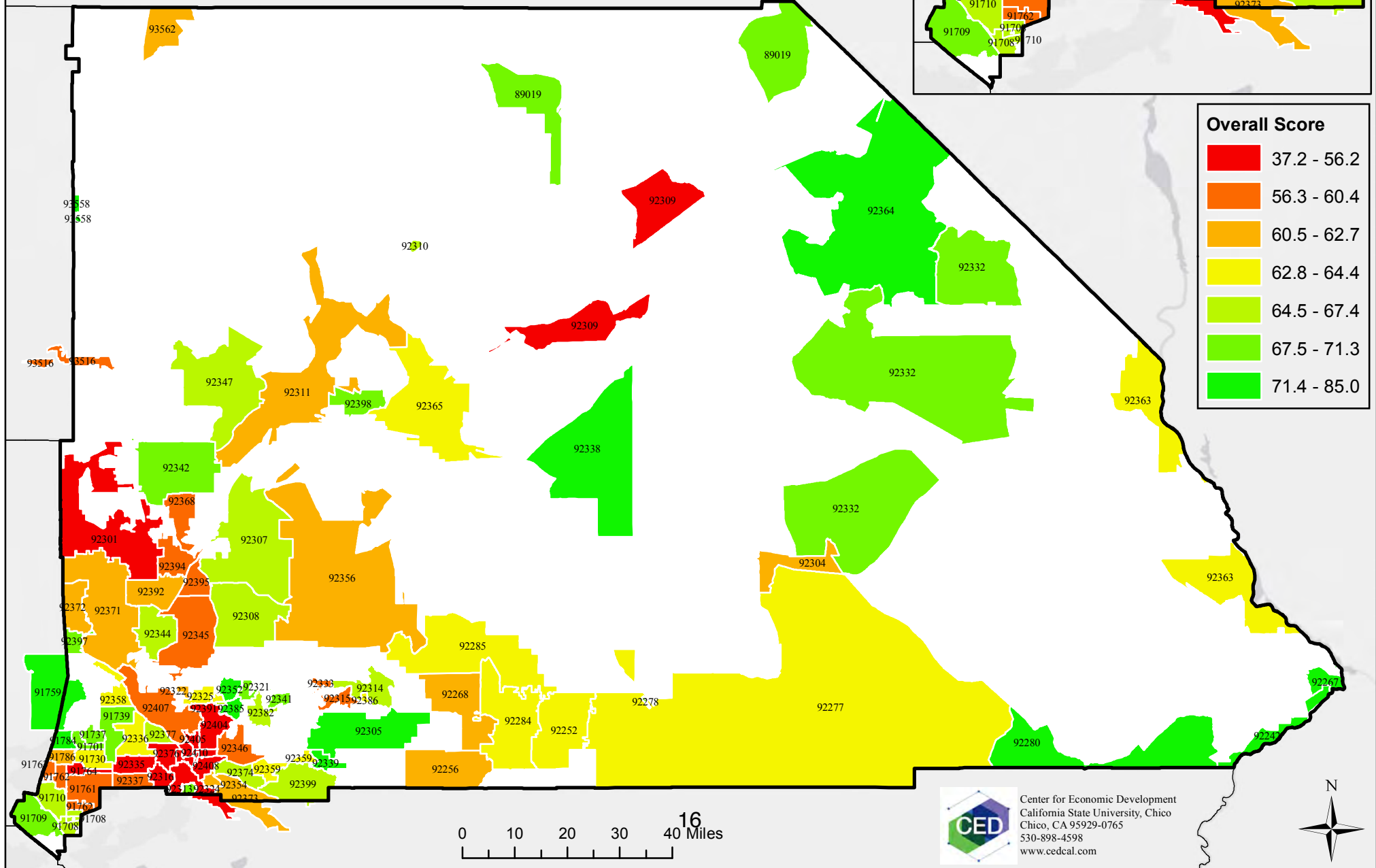
*Source: CA Department of Public Health; Death Profiles by Zip Code; 2012*

Death Profiles by Zip Code are tabulations of the number of deaths to California residents by Zip Code of decedent's residence. Data are aggregated by decedent's sex, age, and cause of death and is obtained from registered death certificates for California residents who died in California and from registered in other states for California residents who died out of state.

# APPENDIX A: SOCIOECONOMIC INDEX MAPS

# 2015 Socioeconomic Index - San Bernardino County

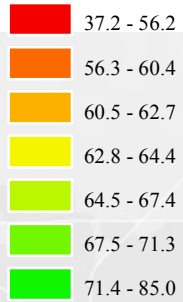
Overall Score: 64.3 | Education & Culture: 62.0 | Economy & Housing: 61.8 | Health & Access: 70.1



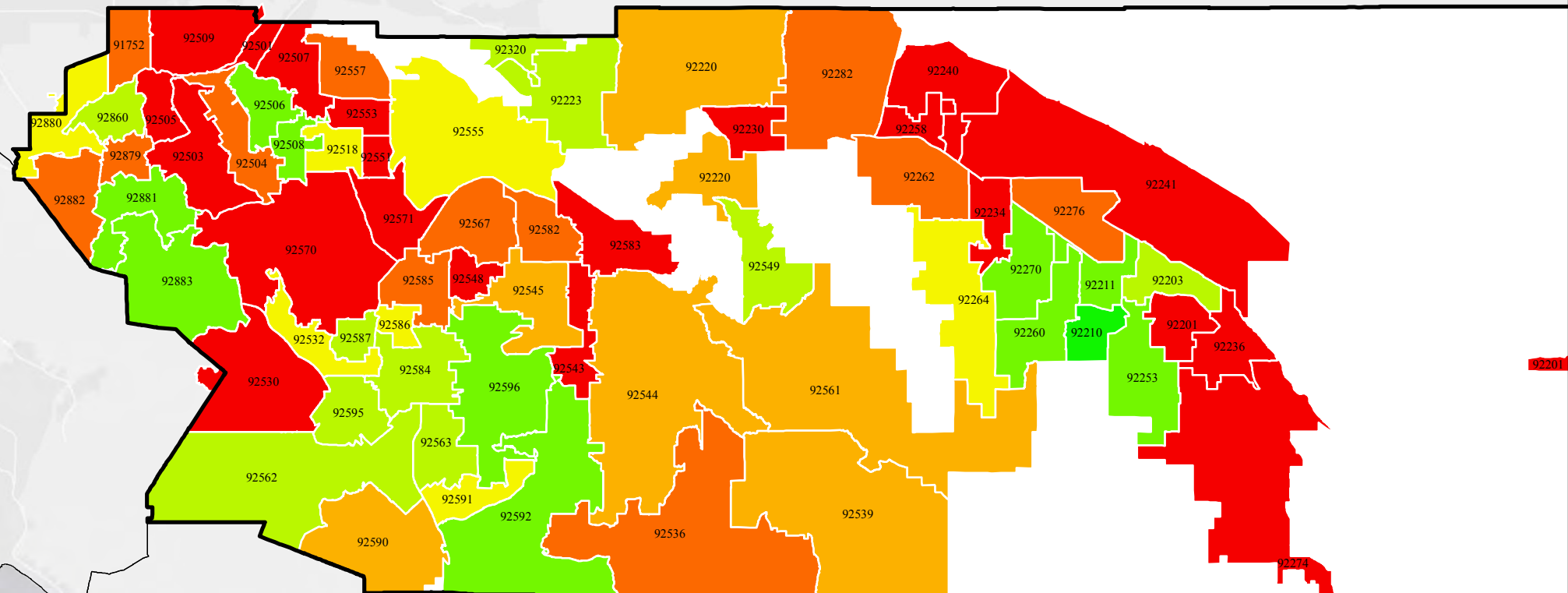
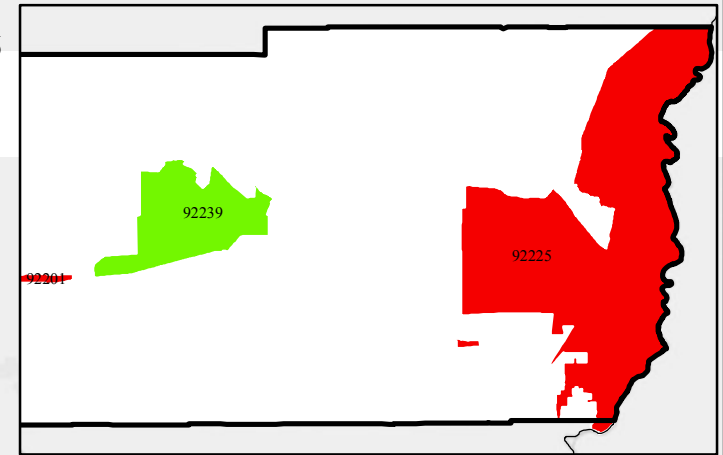
# 2015 Socioeconomic Index - Riverside County

Overall Score: 67.1 | Education & Culture: 72.9 | Economy & Housing: 66.9 | Health & Access: 61.6

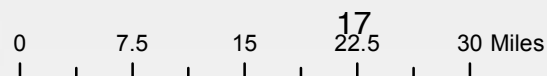
## Overall Score



## Eastern Riverside County



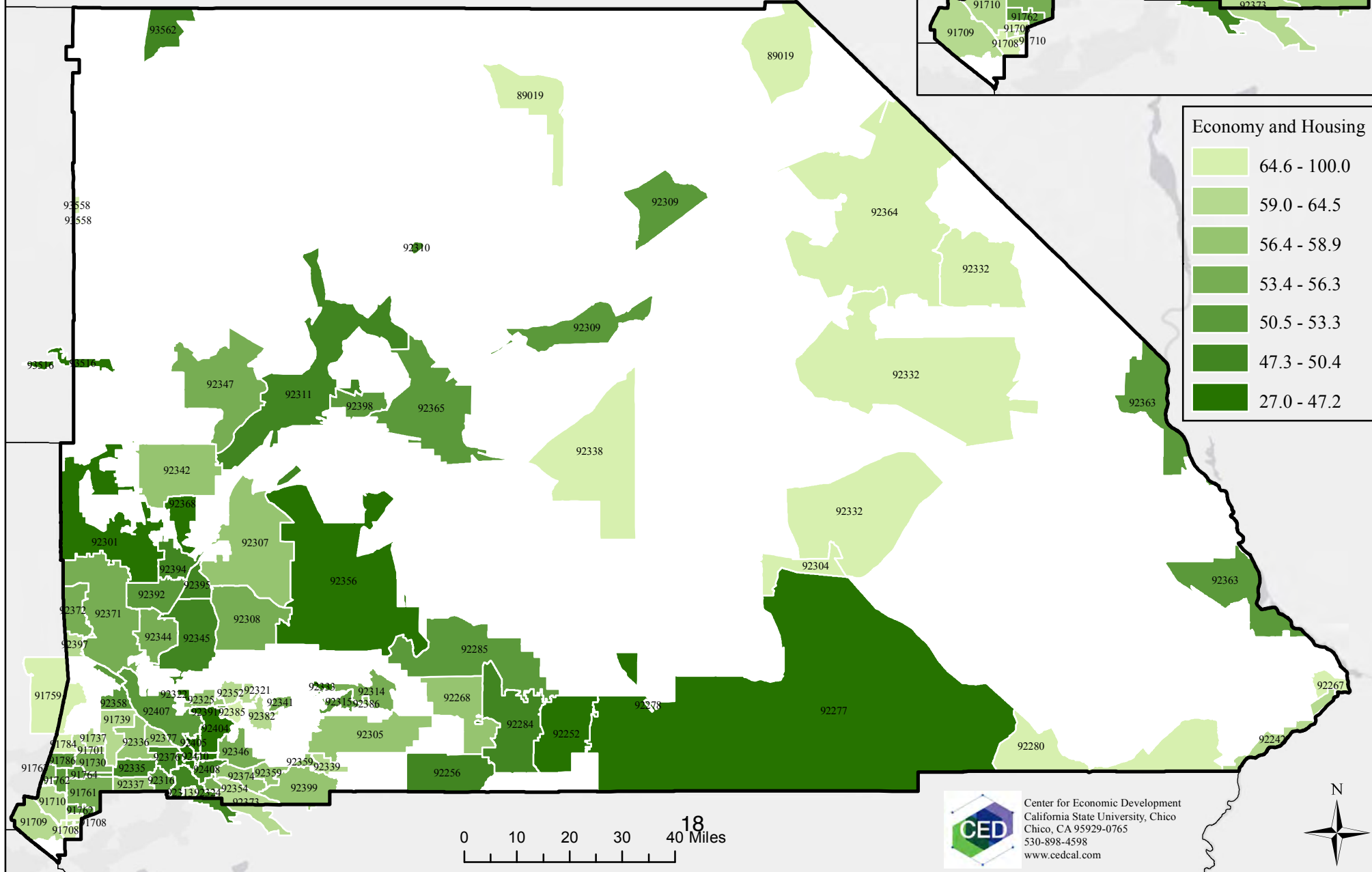
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# 2015 Economy & Housing Index - San Bernardino County

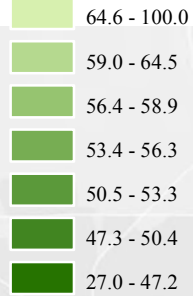
Overall Score: 64.3 | Education & Culture: 62.0 | Economy & Housing: 61.8 | Health & Access: 70.1



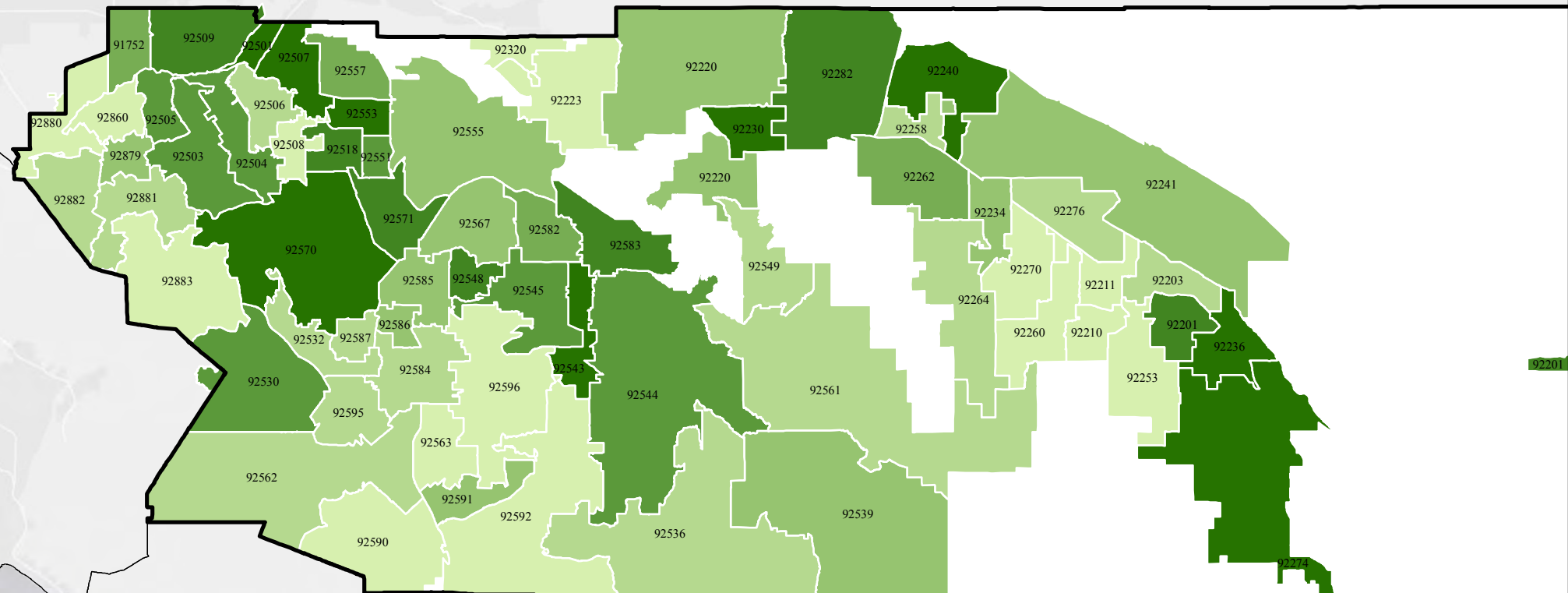
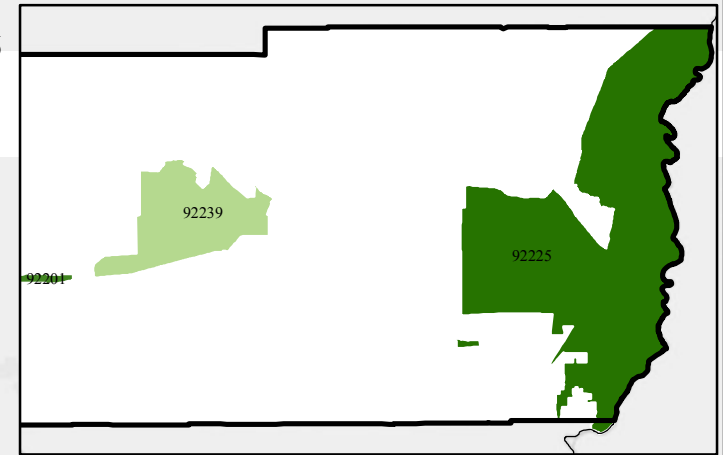
# 2015 Economy & Housing Index - Riverside County

Overall Score: 67.1 | Education & Culture: 72.9 | Economy & Housing: 66.9 | Health & Access: 61.6

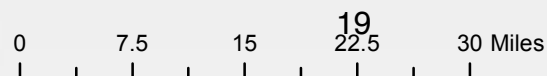
## Economy and Housing



## Eastern Riverside County

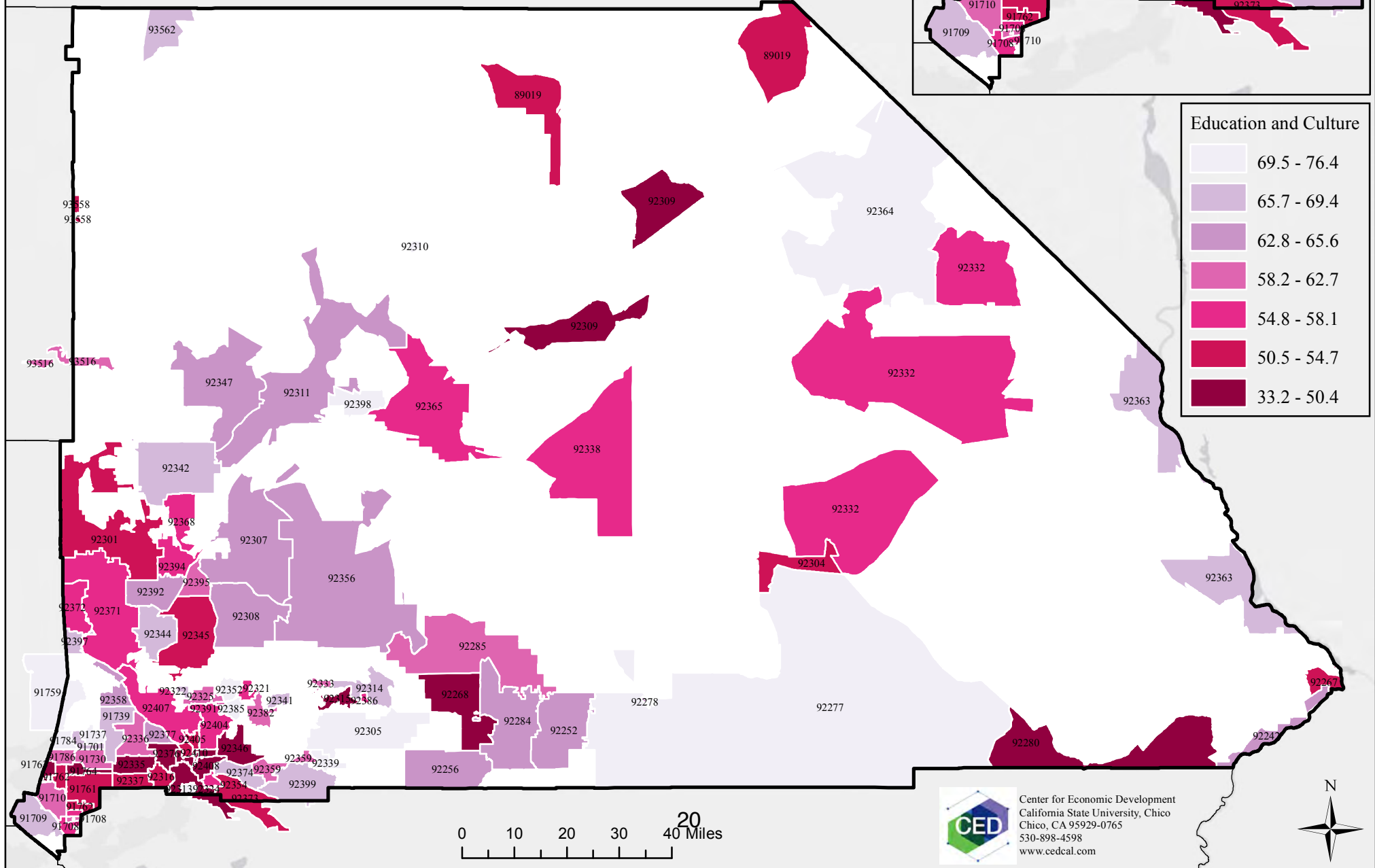


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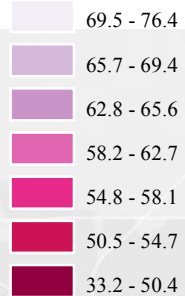
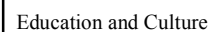
# 2015 Education & Culture Index - San Bernardino County

Overall Score: 64.3 | Education & Culture: 62.0 | Economy & Housing: 61.8 | Health & Access: 70.1

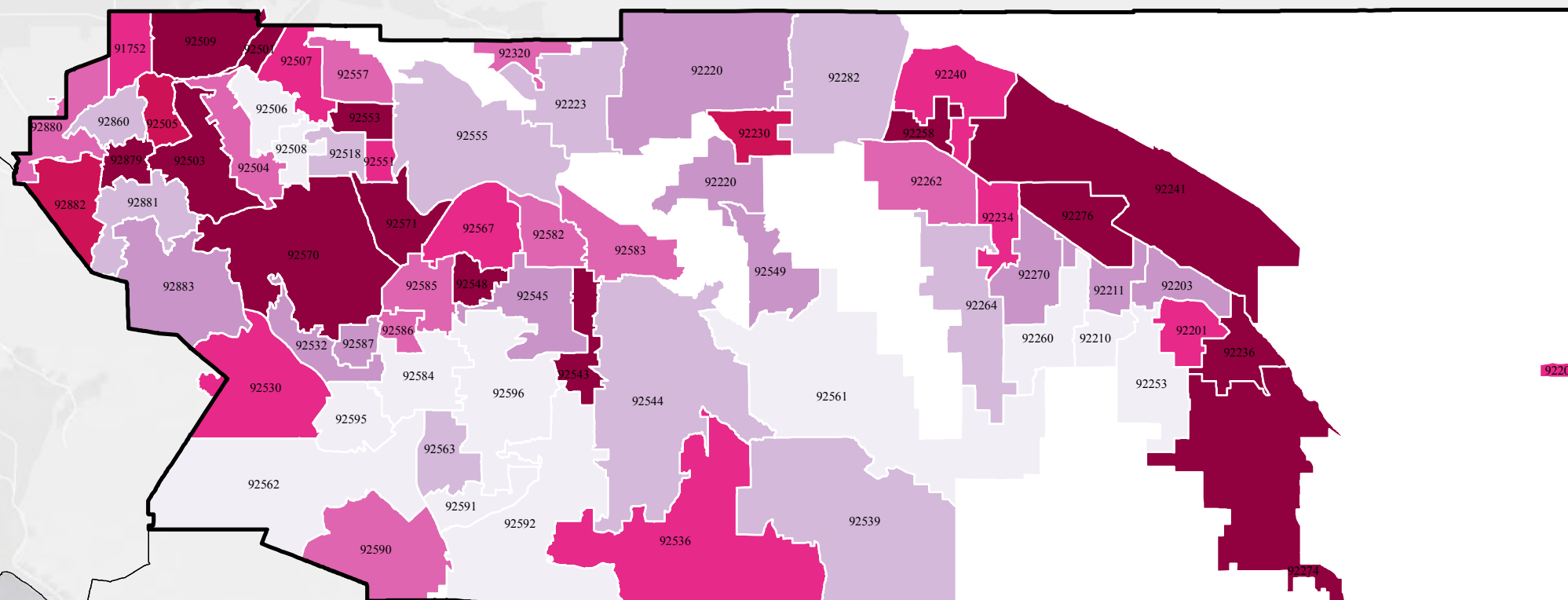
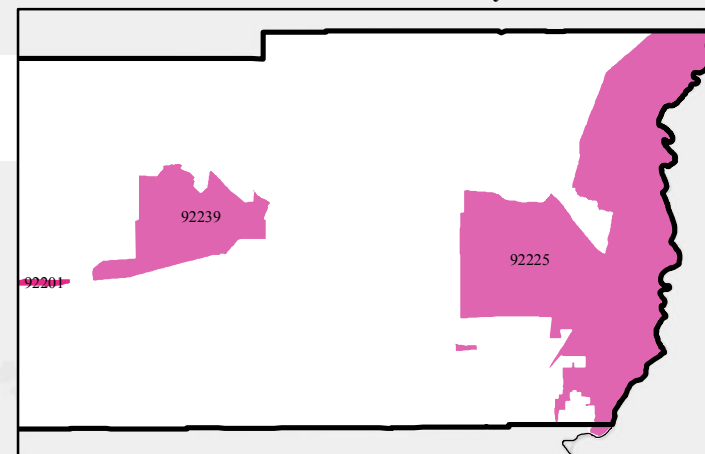


## 2015 Education & Culture Index - Riverside County

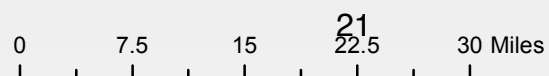
**Overall Score: 67.1 | Education & Culture: 72.9 | Economy & Housing: 66.9 | Health & Access: 61.6**



## Eastern Riverside County

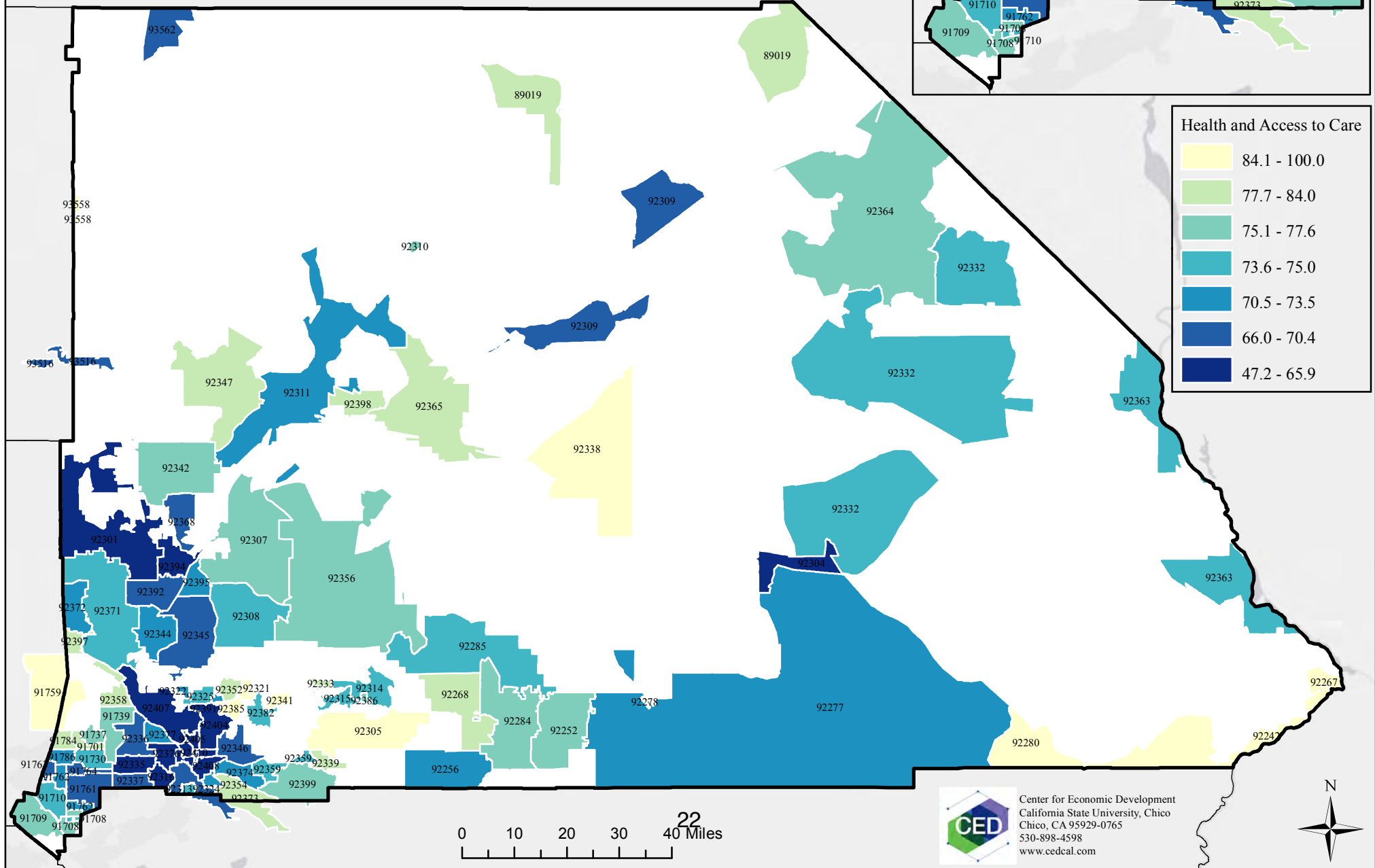


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# 2015 Health & Access to Care Index - San Bernardino County

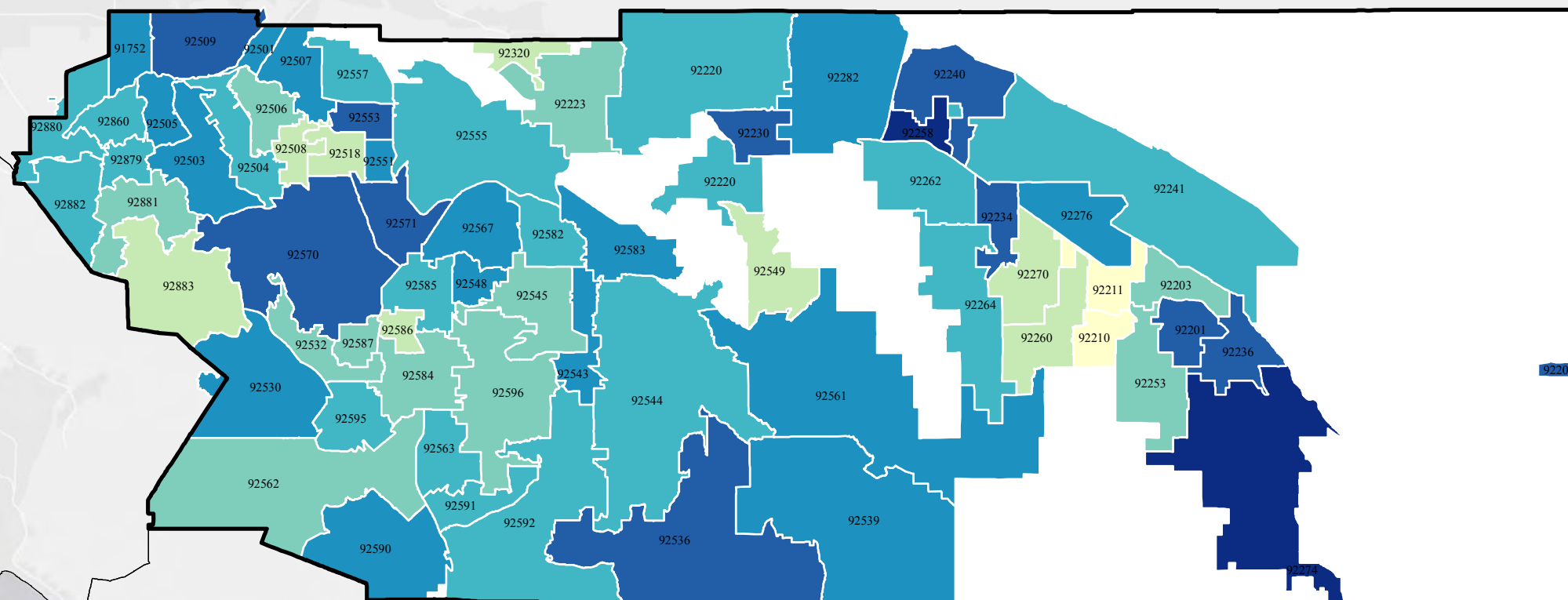
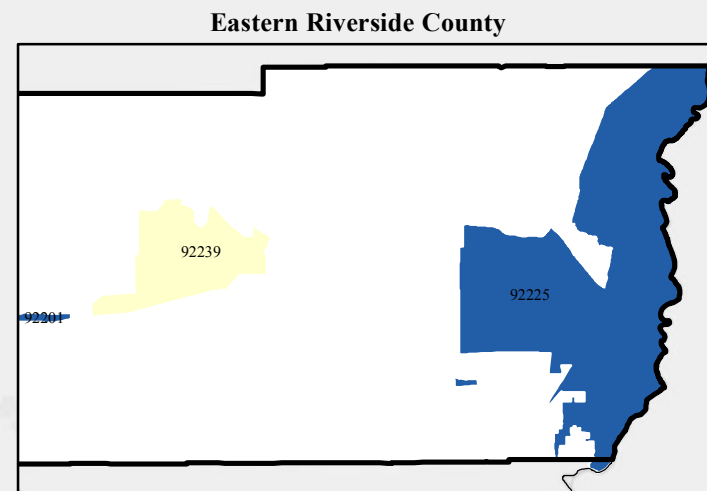
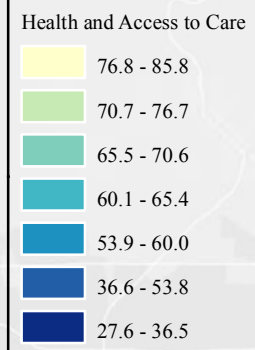
Overall Score: 64.3 | Education & Culture: 62.0 | Economy & Housing: 61.8 | Health & Access: 70.1



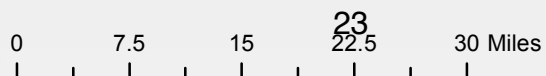


## 2015 Health & Access to Care Index - Riverside County

**Overall Score: 67.1 | Education & Culture: 72.9 | Economy & Housing: 66.9 | Health & Access: 61.6**



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# APPENDIX B: TABLE OF INDICATORS BY ZIP CODES

TABLE 1: INDICATOR SCORES FOR ALL ZIP CODES - RIVERSIDE COUNTY

Location		Economy & Housing					Education & Culture					Health & Access to Care				
Zip Code	County	Unemployment Rate	Percent of Population Under 200% of Poverty	Gini Coefficient of Inequality	Percent Renters	Without Affordable Housing	High School Dropout Rate	Percent of Pop Without higher Education (Some college or more)	Percent of Population that is Hispanic	Percent of Pop Linguistically Isolated (Doesn't speak English at home)	Percent Migrant Workers	Percent Uninsured	Percent on Medicaid	Population to 1 FTE Physician	Health Center penetration Rate of Low-Income Population	Mortality Rate (per 100,000)
6065	Riverside	14.9%	38.7%	0.44	33.5%	14.9%	3.3%	24.4%	45.5%	39.9%	4.1% - 7%	20.2%	15.8%	2,056	16.5%	655
91752	Riverside	16.6%	35.2%	0.41	38.3%	49.5%	2.9%	51.6%	57.2%	49.9%	5.1% - 10%	21.2%	12.1%	11,536	16.1%	593
92201	Riverside	17.0%	54.6%	0.44	43.2%	48.2%	3.5%	59.5%	75.0%	64.0%	5.1% - 10%	27.5%	25.9%	2,415	16.3%	638
92203	Riverside	13.5%	25.2%	0.43	27.4%	49.3%	-	33.9%	42.3%	29.1%	1.1% - 5%	14.9%	9.6%	1,825	10.6%	680
92210	Riverside	11.4%	13.6%	0.58	18.6%	49.0%	-	15.9%	3.9%	13.1%	0% - 1%	4.6%	0.8%	1,037	0.0%	1,502
92211	Riverside	12.0%	24.6%	0.49	24.0%	47.4%	-	26.0%	12.6%	17.5%	1.1% - 5%	8.3%	3.2%	1,328	6.1%	1,544
92220	Riverside	12.8%	43.8%	0.42	31.1%	50.6%	3.7%	54.3%	39.9%	30.3%	1.1% - 5%	19.9%	17.1%	4,293	13.2%	1,337
92223	Riverside	9.9%	27.0%	0.39	22.2%	51.6%	2.6%	39.4%	37.4%	28.8%	1.1% - 5%	13.2%	10.7%	4,277	12.2%	745
92225	Riverside	17.1%	49.4%	0.46	44.8%	67.0%	5.3%	62.0%	53.2%	46.1%	1.1% - 5%	19.3%	20.6%	2,431	39.9%	523
92230	Riverside	27.3%	73.9%	0.28	52.8%	53.5%	-	70.9%	44.8%	36.9%	1.1% - 5%	26.6%	25.6%	4,277	14.6%	660
92234	Riverside	12.3%	48.8%	0.44	37.4%	42.7%	3.5%	54.0%	58.8%	55.1%	5.1% - 10%	29.1%	18.7%	2,167	40.7%	790
92236	Riverside	21.7%	63.2%	0.39	35.8%	39.9%	1.0%	77.8%	96.4%	89.4%	10.1% - 15%	35.1%	30.1%	4,600	21.9%	294
92239	Riverside	14.3%	52.5%	0.38	23.9%	30.4%	-	60.9%	20.2%	23.5%	0% - 1%	12.5%	16.9%	223	0.0%	-
92240	Riverside	16.9%	63.3%	0.43	48.2%	50.9%	3.1%	58.5%	55.2%	50.5%	5.1% - 10%	29.9%	25.0%	1,763	41.7%	754
92241	Riverside	19.0%	45.9%	0.45	19.8%	45.4%	-	53.3%	38.4%	35.8%	5.1% - 10%	23.0%	14.6%	1,842	16.4%	875
92253	Riverside	9.7%	26.7%	0.47	27.5%	46.8%	2.8%	30.6%	30.1%	25.6%	1.1% - 5%	12.9%	9.8%	1,176	10.9%	706
92254	Riverside	32.7%	78.6%	0.38	39.1%	40.6%	-	88.7%	97.4%	92.5%	15.1% +	34.7%	38.9%	4,606	61.9%	277
92258	Riverside	7.5%	100.0%	0.23	30.6%	0.0%	-	85.5%	71.4%	61.9%	-	59.4%	35.3%	1,763	54.8%	1,323
92260	Riverside	10.1%	32.9%	0.52	37.3%	42.7%	0.9%	30.0%	25.8%	26.5%	1.1% - 5%	14.3%	7.5%	1,082	13.3%	1,447
92262	Riverside	13.5%	40.7%	0.51	45.1%	49.4%	1.9%	35.9%	30.5%	31.4%	5.1% - 10%	21.9%	12.6%	1,784	30.7%	1,336
92264	Riverside	11.3%	41.3%	0.51	38.7%	46.7%	6.5%	28.8%	18.8%	26.6%	1.1% - 5%	17.6%	8.7%	9,598	20.8%	1,461
92270	Riverside	12.7%	28.9%	0.56	23.7%	44.2%	-	25.8%	11.4%	17.9%	1.1% - 5%	9.9%	5.7%	1,309	11.2%	1,626
92274	Riverside	21.8%	77.9%	0.42	37.8%	54.3%	7.4%	80.4%	89.6%	82.6%	5.1% - 10%	34.9%	34.5%	5,087	39.7%	467
92276	Riverside	12.2%	53.2%	0.38	21.4%	39.1%	-	48.1%	53.3%	46.9%	5.1% - 10%	25.1%	12.0%	1,763	29.9%	1,114
92282	Riverside	21.7%	59.7%	0.38	24.1%	43.8%	-	49.1%	29.9%	12.2%	0% - 1%	19.0%	24.4%	1,770	13.1%	952
92320	Riverside	10.3%	32.7%	0.41	14.5%	51.0%	-	44.8%	22.3%	16.9%	1.1% - 5%	14.9%	7.2%	4,277	5.5%	1,369
92501	Riverside	19.2%	47.2%	0.43	55.1%	58.3%	49.2%	51.8%	51.8%	42.3%	5.1% - 10%	25.2%	20.9%	3,146	18.6%	649
92503	Riverside	15.8%	43.0%	0.40	35.2%	52.4%	3.1%	53.5%	57.7%	52.0%	10.1% - 15%	25.0%	19.1%	815	17.2%	562
92504	Riverside	14.9%	41.2%	0.42	39.9%	54.3%	1.3%	48.4%	48.5%	37.6%	5.1% - 10%	19.8%	16.7%	415	14.1%	776
92505	Riverside	14.5%	42.6%	0.38	47.6%	48.7%	2.6%	51.9%	57.9%	50.6%	10.1% - 15%	22.9%	18.7%	2,220	15.8%	477
92506	Riverside	10.9%	26.9%	0.45	24.2%	58.8%	7.2%	25.8%	28.9%	20.4%	1.1% - 5%	13.7%	10.4%	722	12.2%	757
92507	Riverside	16.2%	58.3%	0.47	65.2%	49.0%	2.2%	46.7%	46.6%	47.1%	5.1% - 10%	20.9%	19.9%	2,749	21.0%	474
92508	Riverside	9.8%	19.2%	0.36	19.7%	54.5%	0.4%	31.0%	29.9%	27.4%	1.1% - 5%	12.4%	4.3%	2,596	10.2%	383
92509	Riverside	19.5%	44.1%	0.40	33.6%	52.5%	3.9%	62.9%	67.0%	56.6%	10.1% - 15%	27.1%	21.9%	4,831	20.7%	544
92518	Riverside	27.1%	23.2%	0.40	87.4%	0.0%	-	33.0%	14.8%	25.4%	0% - 1%	8.7%	21.0%	2,596	35.9%	5,269
92530	Riverside	17.9%	47.5%	0.41	38.7%	48.4%	3.1%	57.8%	51.4%	41.0%	5.1% - 10%	27.3%	21.5%	2,917	16.9%	530
92532	Riverside	13.2%	19.4%	0.30	28.2%	49.8%	1.0%	37.5%	37.0%	27.7%	5.1% - 10%	12.5%	5.7%	3,056	20.2%	375
92536	Riverside	17.0%	32.8%	0.41	20.2%	48.4%	-	47.4%	20.4%	19.3%	1.1% - 5%	24.0%	7.3%	27,239	16.8%	858
92539	Riverside	11.4%	51.0%	0.35	19.9%	50.3%	3.0%	53.2%	24.5%	14.1%	1.1% - 5%	22.5%	20.7%	4,734	13.7%	1,004
92543	Riverside	22.4%	68.4%	0.43	49.3%	47.0%	29.5%	58.1%	42.0%	31.3%	5.1% - 10%	23.3%	29.8%	2,643	8.2%	1,398
92544	Riverside	17.4%	45.7%	0.46	33.3%	59.2%	1.9%	47.5%	32.9%	21.9%	1.1% - 5%	18.2%	19.4%	2,663	8.2%	1,233
92545	Riverside	18.5%	41.6%	0.43	31.6%	50.9%	2.0%	50.8%	30.9%	25.5%	1.1% - 5%	16.5%	14.8%	2,949	8.8%	1,457
92548	Riverside	22.1%	51.1%	0.42	31.8%	49.1%	-	67.2%	50.0%	46.1%	5.1% - 10%	31.9%	18.0%	7,363	9.4%	993
92549	Riverside	11.1%	30.1%	0.40	22.1%	56.7%	-	31.8%	12.4%	11.5%	1.1% - 5%	13.3%	8.2%	3,926	5.9%	1,756
92551	Riverside	17.3%	51.8%	0.36	33.2%	45.5%	2.0%	54.1%	59.5%	51.1%	5.1% - 10%	26.2%	22.6%	3,540	9.4%	387
92553	Riverside	18.0%	58.7%	0.40	50.9%	44.5%	5.3%	62.2%	63.2%	58.7%	10.1% - 15%	28.7%	27.5%	1,954	9.0%	394
92555	Riverside	13.3%	32.9%	0.34	28.8%	50.4%	1.8%	40.0%	43.6%	47.9%	1.1% - 5%	19.5%	13.1%	2,467	10.1%	390
92557	Riverside	14.0%	38.2%	0.40	31.6%	53.9%	2.7%	43.9%	46.7%	40.8%	5.1% - 10%	19.6%	19.4%	1,366	7.8%	504
92561	Riverside	13.9%	27.0%	0.41	11.0%	69.3%	-	29.5%	11.4%	13.3%	0% - 1%	13.9%	5.7%	36,635	5.0%	901
92562	Riverside	13.8%	21.6%	0.40	30.5%	51.8%	1.2%	27.6%	24.2%	19.6%	1.1% - 5%	12.3%	7.4%	4,694	20.5%	556
92563	Riverside	11.0%	17.3%	0.36	28.4%	47.2%	0.9%	34.9%	27.0%	26.8%	1.1% - 5%	13.2%	6.3%	1,337	30.0%	494
92567	Riverside	14.7%	44.3%	0.38	26.8%	48.5%	1.0%	56.0%	54.6%	49.1%	5.1% - 10%	21.3%	18.5%	7,322	13.2%	591
92570	Riverside	22.6%	60.7%	0.43	35.6%	45.2%	4.0%	68.6%	68.6%	62.5%	10.1% - 15%	35.2%	26.5%	5,850	9.9%	566
92571	Riverside	21.1%	53.1%	0.37	32.2%	41.3%	5.7%	62.4%	71.1%	60.9%	10.1% - 15%	26.3%	27.8%	3,905	9.6%	335
92582	Riverside	18.6%	44.3%	0.36	23.7%	48.7%	6.4%	44.6%	50.6%	30.0%	5.1% - 10%	18.0%	14.0%	9,023	7.5%	563
92583	Riverside	22.0%	51.0%	0.44	32.6%	53.8%	0.7%	56.2%	51.2%	41.7%	5.1% - 10%	20.4%	25.7%	2,935	8.2%	870
92584	Riverside	14.3%	23.2%	0.35	23.4%	46.8%	1.8%	36.3%	30.6%	19.6%	1.1% - 5%	14.2%	9.1%	2,948	13.8%	447
92585	Riverside	18.5%	34.7%	0.38	23.4%	45.8%	1.9%	46.8%	45.6%	32.2%	5.1% - 10%	21.0%	17.3%	3,953	12.5%	564
92586	Riverside	18.9%	32.3%	0.43	26.0%	49.5%	-	47.9%	22.9%	16.8%	1.1% - 5%	13.0%	7.1%	3,905	12.9%	2,429
92587	Riverside	14.4%	25.8%	0.40	21.9%	44.0%	-	39.5%	27.8%	18.6%	1.1% - 5%	14.2%	9.4%	3,791	13.2%	656
92590	Riverside	11.5%	39.9%	0.60	53.4%	24.8%	7.8%	42.2%	34.6%	23.5%	5.1% - 10%	19.9%	9.5%	3,660	35.8%	762
92591	Riverside	12.8%	29.5%	0.40	40.2%	51.0%	0.3%	32.3%	26.1%	22.9%	1.1% - 5%	15.9%	7.6%	1,337	26.1%	455
92592	Riverside	9.8%	18.3%	0.36	24.4%	48.7%	1.0%	27.0%	22.2%	18.9%	1.1% - 5%	12.6%	5.8%	4,650	22.7%	462
92595	Riverside	15.0%	32.0%	0.39	24.7%	46.1%	0.7%	40.0%	33.6%	23.2%	1.1% - 5%	17.4%	12.0%	3,082	18.8%	755
92596	Riverside	9.8%	21.8%	0.33	22.4%	47.0%	1.1%	33.9%	28.4%	25.6%	1.1% - 5%	12.6%	5.1%	1,451	18.1%	336
92860	Riverside	11.9%	22.1%	0.39	20.9%	48.1%	0.5%	45.8%	30.9%	26.4%	1.1% - 5%	11.8%	10.7%	9,844	12.1%	576
92879	Riverside	13.0%	37.2%	0.38												

## Appendix B

TABLE 2: INDICATOR SCORES FOR ALL ZIP CODES - SAN BERNARDINO COUNTY

LOCATION		ECONOMY & HOUSING					EDUCATION & CULTURE					HEALTH & ACCESS TO CARE				
		Unemploy- ment Rate	Percent of Population Under 200% of Poverty	Gini Coefficient of Inequality	Percent Renters	Without Affordable Housing	High School Dropout Rate	Percent of Pop Without higher Education (Some college or more)	Percent of Population that is Hispanic	Percent of Pop Linguistically Isolated (Doesn't speak English at home)	Percent Migrant Workers	Percent Uninsured	Percent on Medicaid	Population to 1 FTE Physician	Health Center penetration Rate of Low- Income Population	Mortality Rate (per 100,000)
Zip Code	County															
6071	San Bernardino	14.5%	41.7%	0.44	38.1%	14.5%	4.2%	55.7%	49.2%	41.1%	4.1% - 7%	20.2%	18.3%	1,333	4.3%	600
89019	San Bernardino	1.9%	34.8%	0.40	34.0%	0.0%	-	51.0%	16.2%	16.5%	-	4.0%	0.5%	69	3.5%	691
91701	San Bernardino	11.7%	18.2%	0.41	22.2%	56.1%	1.0%	30.4%	30.6%	25.6%	1.1% - 5%	12.5%	3.8%	2,866	0.8%	631
91708	San Bernardino	11.8%	9.8%	0.31	6.8%	36.5%	-	42.8%	33.2%	41.2%	1.1% - 5%	11.1%	0.6%	4,963	0.0%	156
91709	San Bernardino	10.9%	16.0%	0.38	20.4%	54.6%	1.5%	25.0%	29.1%	43.4%	1.1% - 5%	13.4%	4.8%	1,316	1.6%	351
91710	San Bernardino	11.0%	30.0%	0.40	29.1%	47.0%	2.5%	45.9%	55.0%	44.9%	5.1% - 10%	17.5%	9.9%	1,814	1.7%	452
91730	San Bernardino	11.6%	28.8%	0.37	51.2%	57.5%	-	33.4%	41.2%	37.3%	1.1% - 5%	15.8%	8.7%	3,452	1.7%	482
91737	San Bernardino	9.8%	14.3%	0.44	26.0%	54.3%	0.8%	22.5%	27.8%	28.8%	1.1% - 5%	9.6%	5.6%	2,718	2.0%	491
91739	San Bernardino	10.2%	11.4%	0.38	27.1%	49.1%	0.9%	26.0%	32.7%	38.3%	1.1% - 5%	9.2%	5.0%	4,134	2.3%	341
91759	San Bernardino	2.3%	6.9%	0.40	14.4%	53.4%	-	17.7%	9.7%	10.6%	0% - 1%	5.5%	3.9%	2,416	0.0%	-
91761	San Bernardino	12.9%	41.2%	0.36	35.5%	48.7%	2.4%	54.4%	65.8%	54.8%	10.1% - 15%	25.3%	15.2%	3,504	1.7%	341
91762	San Bernardino	15.2%	45.4%	0.41	46.0%	43.3%	4.0%	59.7%	70.1%	57.6%	15.1% +	24.5%	17.4%	2,577	1.6%	614
91763	San Bernardino	12.5%	47.3%	0.40	39.2%	49.9%	3.5%	60.3%	70.1%	65.1%	10.1% - 15%	26.1%	16.9%	1,911	1.8%	536
91764	San Bernardino	15.9%	49.3%	0.38	49.7%	42.0%	24.2%	60.3%	71.5%	64.8%	15.1% +	25.7%	21.1%	2,737	1.4%	434
91784	San Bernardino	8.0%	10.6%	0.40	11.7%	54.0%	0.0%	22.5%	21.9%	22.0%	0% - 1%	9.5%	3.4%	2,071	0.6%	707
91786	San Bernardino	12.3%	39.7%	0.42	58.1%	56.7%	1.3%	39.4%	44.9%	39.4%	5.1% - 10%	19.8%	18.0%	2,005	1.4%	774
92242	San Bernardino	4.7%	49.6%	0.48	11.4%	60.9%	-	50.4%	11.9%	5.7%	0% - 1%	22.8%	3.4%	2,335	6.1%	2,935
92252	San Bernardino	22.2%	48.2%	0.42	41.8%	55.4%	-	43.8%	16.5%	11.4%	0% - 1%	16.1%	17.8%	2,364	0.3%	1,198
92256	San Bernardino	26.9%	61.3%	0.51	32.1%	44.5%	-	43.5%	14.8%	16.8%	0% - 1%	27.4%	21.6%	2,310	1.6%	990
92267	San Bernardino	-	0.0%	-	-	0.0%	-	-	10.3%	-	0% - 1%	-	0.0%	2,335	0.0%	-
92268	San Bernardino	29.4%	45.6%	0.49	8.3%	19.2%	-	64.5%	3.7%	11.2%	-	29.0%	0.2%	2,310	0.0%	1,566
92277	San Bernardino	18.2%	47.6%	0.43	62.3%	70.8%	0.6%	42.4%	20.2%	12.3%	0% - 1%	10.8%	18.0%	4,912	0.3%	618
92278	San Bernardino	21.7%	17.0%	0.28	100.0%	0.0%	-	44.3%	20.5%	15.1%	0% - 1%	0.0%	0.0%	3,846	0.0%	-
92280	San Bernardino	-	0.0%	-	-	0.0%	-	-	7.1%	-	0% - 1%	-	0.0%	2,335	0.0%	-
92284	San Bernardino	17.0%	45.7%	0.41	37.7%	58.7%	2.9%	42.2%	17.5%	10.9%	1.1% - 5%	17.8%	18.9%	2,310	0.7%	1,232
92285	San Bernardino	21.2%	71.3%	0.55	22.5%	38.3%	-	56.5%	16.1%	7.2%	0% - 1%	28.5%	22.2%	2,310	0.0%	1,475
92301	San Bernardino	23.8%	61.2%	0.43	43.3%	43.3%	-	61.4%	58.0%	42.8%	5.1% - 10%	19.2%	36.1%	20,294	4.9%	436
92304	San Bernardino	0.0%	100.0%	-	-	0.0%	-	-	58.8%	100.0%	0% - 1%	100.0%	0.0%	33,720	0.0%	-
92305	San Bernardino	12.2%	32.9%	0.38	58.7%	23.3%	-	28.4%	16.6%	0.4%	0% - 1%	11.5%	0.3%	5,127	0.0%	-
92307	San Bernardino	13.6%	38.3%	0.45	29.0%	56.5%	5.1%	42.4%	27.0%	14.0%	1.1% - 5%	16.3%	13.5%	3,119	3.9%	1,022
92308	San Bernardino	16.3%	42.2%	0.47	31.0%	51.3%	4.2%	47.2%	29.6%	17.0%	1.1% - 5%	15.9%	20.9%	4,122	1.6%	1,064
92309	San Bernardino	3.9%	58.3%	0.45	63.7%	51.7%	10.7%	81.4%	66.8%	61.2%	10.1% - 15%	31.7%	43.9%	763	4.5%	-
92310	San Bernardino	20.6%	30.0%	0.32	98.8%	0.0%	-	22.3%	25.6%	23.0%	0% - 1%	0.7%	0.5%	8,845	0.0%	73
92311	San Bernardino	14.7%	45.7%	0.42	45.2%	70.4%	5.6%	51.2%	42.2%	24.3%	1.1% - 5%	15.1%	22.6%	1,172	0.9%	928
92313	San Bernardino	10.3%	22.8%	0.42	38.1%	56.8%	1.1%	36.7%	39.2%	25.7%	1.1% - 5%	13.3%	6.5%	277	9.6%	783
92314	San Bernardino	18.0%	36.5%	0.45	35.6%	56.6%	2.3%	49.1%	19.1%	16.1%	0% - 1%	28.7%	9.2%	5,127	0.6%	828
92315	San Bernardino	14.8%	53.5%	0.51	46.4%	50.7%	-	39.6%	21.3%	22.3%	5.1% - 10%	31.8%	11.0%	5,127	0.5%	1,029
92316	San Bernardino	17.6%	58.1%	0.38	24.9%	41.0%	1.9%	62.2%	78.8%	64.8%	15.1% +	29.0%	22.0%	376	14.5%	441
92321	San Bernardino	0.0%	37.4%	0.36	26.6%	66.2%	-	26.5%	32.3%	26.3%	5.1% - 10%	24.1%	11.0%	3,540	0.0%	-
92322	San Bernardino	25.5%	38.5%	0.50	40.3%	69.5%	-	38.5%	13.8%	3.3%	0% - 1%	17.4%	31.9%	3,537	0.0%	1,505
92324	San Bernardino	14.7%	52.7%	0.43	46.7%	52.1%	6.9%	58.4%	70.7%	51.7%	10.1% - 15%	26.1%	23.1%	352	5.3%	531
92325	San Bernardino	11.1%	44.4%	0.44	24.4%	55.7%	16.1%	35.3%	16.8%	7.4%	0% - 1%	14.8%	15.7%	3,537	3.6%	918
92327	San Bernardino	34.0%	80.8%	0.45	48.0%	94.1%	5.9%	46.9%	21.4%	60.4%	0% - 1%	27.1%	52.3%	1,520	0.0%	479
92332	San Bernardino	-	0.0%	0.09	0.0%	0.0%	-	100.0%	29.2%	0.0%	0% - 1%	0.0%	0.0%	75,898	0.0%	-
92333	San Bernardino	35.8%	38.0%	0.41	28.4%	55.9%	-	33.5%	7.2%	0.0%	-	26.3%	0.0%	5,127	0.0%	776
92335	San Bernardino	17.5%	59.3%	0.40	48.0%	48.3%	1.8%	71.1%	81.7%	72.6%	15.1% +	32.6%	26.6%	735	2.9%	430
92336	San Bernardino	15.2%	27.2%	0.33	19.4%	50.8%	2.2%	40.9%	55.2%	47.5%	5.1% - 10%	19.5%	12.9%	3,987	3.0%	345
92337	San Bernardino	15.2%	35.5%	0.33	22.5%	44.4%	2.8%	55.1%	70.2%	62.8%	10.1% - 15%	24.7%	17.5%	1,227	4.6%	281
92338	San Bernardino	-	0.0%	-	-	0.0%	-	-	16.7%	-	0% - 1%	-	0.0%	12	0.0%	-
92339	San Bernardino	4.4%	20.8%	0.49	35.3%	67.5%	-	7.5%	12.1%	5.2%	0% - 1%	8.9%	11.0%	5,127	0.0%	956
92341	San Bernardino	36.2%	47.5%	0.52	25.9%	0.0%	-	8.3%	12.2%	12.8%	-	23.9%	7.7%	5,127	0.0%	-
92342	San Bernardino	7.8%	27.9%	0.36	26.1%	67.4%	0.0%	37.4%	19.4%	15.5%	1.1% - 5%	11.0%	13.2%	1,172	1.3%	908
92344	San Bernardino	20.2%	35.3%	0.37	23.5%	49.9%	2.4%	42.9%	43.9%	29.1%	1.1% - 5%	17.7%	17.2%	1,842	1.4%	440
92345	San Bernardino	18.5%	52.1%	0.42	35.9%	51.7%	7.7%	56.9%	48.0%	32.4%	5.1% - 10%	21.1%	23.4%	2,376	2.3%	740
92346	San Bernardino	11.8%	36.8%	0.42	31.0%	59.6%	13.2%	46.2%	40.6%	33.9%	5.1% - 10%	16.4%	19.4%	691	7.6%	614
92347	San Bernardino	9.8%	38.6%	0.42	24.3%	75.5%	-	48.8%	40.1%	14.6%	1.1% - 5%	9.1%	13.3%	1,171	0.0%	1,005
92352	San Bernardino	9.1%	21.1%	0.38	15.9%	53.2%	0.9%	22.7%	17.7%	9.2%	0% - 1%	9.2%	6.8%	3,537	0.7%	779
92354	San Bernardino	8.4%	32.2%	0.51	57.9%	57.9%	-	24.3%	22.2%	40.0%	1.1% - 5%	15.7%	9.3%	303	11.2%	875
92356	San Bernardino	29.1%	53.6%	0.44	24.0%	53.8%	4.0%	50.6%	24.9%	15.0%	1.1% - 5%	23.8%	18.6%	1,244	1.0%	1,300
92358	San Bernardino	19.4%	19.9%	0.33	31.8%	74.4%	-	37.3%	14.3%	23.8%	0% - 1%	10.6%	13.8%	2,284	0.0%	1,124
92359	San Bernardino	9.8%	35.6%	0.41	36.1%	55.1%	-	45.7%	35.4%	25.5%	1.1% - 5%	15.3%	12.5%	1,169	4.9%	784
92363	San Bernardino	10.9%	54.9%	0.47	49.3%	54.4%	6.0%	53.8%	21.9%	8.0%	0% - 1%	22.2%	22.8%	2,335	1.4%	1,299
92364	San Bernardino	0.0%	52.6%	0.36	22.7%	0.0%	-	15.4%	24.4%	8.8%	0% - 1%	19.3%	42.1%	90	0.0%	-
92365	San Bernardino	15.2%	46.3%	0.37	21.4%	63.6%	-	47.9%	24.6%	21.2%	1.1% - 5%	16.5%	11.2%	2,637	0.0%	1,058
92368	San Bernardino	19.3%	52.1%	0.43	40.6%	72.0%	1.3%	69.3%	53.0%	39.9%	5.1% - 10%	22.7%	25.5%	1,180	2.0%	485
92371	San Bernardino	16.6%	34.6%	0.39	29.4%	51.6%	13.0%	51								

# Appendix B

**TABLE 3: NORMALIZED INDICATOR SCORES FOR ALL ZIP CODES - RIVERSIDE COUNTY**

Zip Code	County	ECONOMY & HOUSING					EDUCATION & CULTURE					HEALTH & ACCESS TO CARE				
		Unemployment Rate	Percent of Population Under 200% of Poverty	Gini Coefficient	Percent Renters	Without Affordable Housing	High School Dropout Rate	Percent of population Without higher Education	Percent of Population that is Hispanic	Percent of Population Linguistically Isolated	Percent Undocumented Workers	Percent Uninsured	Percent on Medicaid	Population to 1 FTE Physician	Health Center penetration Rate of Low-Income Population	Mortality Rate (per 100,000)
		Normalized	Normalized		Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized
92254	Riverside	0.0	24.8	37.5	63.2	41.4	-	0.0	100.0	0.0	0.0	45.1	0.0	88.0	0.0	0.0
92274	Riverside	43.3	25.5	42.5	64.9	21.6	85.4	11.4	91.6	12.3	33.8	44.7	11.5	86.6	35.9	3.8
92258	Riverside	100.0	0.0	22.7	74.3	100.0	-	4.4	72.2	37.8	-	0.0	9.5	95.8	11.6	21.0
92230	Riverside	21.4	30.2	28.1	45.3	22.8	-	24.4	43.8	68.6	66.9	59.9	34.8	88.9	76.4	7.7
92236	Riverside	43.7	42.5	39.0	67.5	42.3	98.5	15.0	98.9	3.8	0.7	44.3	23.0	88.0	64.6	0.3
92501	Riverside	53.6	61.1	43.3	42.3	15.9	0.0	50.7	51.2	61.9	33.8	62.4	47.1	92.0	70.0	7.4
92570	Riverside	40.1	45.4	43.1	67.8	34.8	92.3	27.6	69.2	37.1	0.7	44.2	32.4	84.5	84.0	5.8
92543	Riverside	40.9	36.5	43.1	49.9	32.2	40.2	42.0	40.8	75.5	33.8	65.9	23.9	93.4	86.8	22.4
92553	Riverside	58.3	47.7	39.7	47.8	35.7	89.7	36.3	63.4	41.8	0.7	56.0	29.7	95.2	85.5	2.3
92240	Riverside	62.7	42.5	43.2	51.3	26.5	94.2	41.5	54.9	51.9	33.8	53.8	36.3	95.8	32.8	9.5
92548	Riverside	42.1	56.6	42.2	72.8	29.1	-	29.5	49.3	57.3	33.8	50.2	54.7	80.4	84.8	14.3
92571	Riverside	46.0	54.3	37.2	72.3	40.3	88.8	36.1	71.8	39.0	0.7	60.4	29.1	89.9	84.4	1.2
92509	Riverside	52.4	64.6	40.2	70.4	24.2	92.6	35.4	67.5	44.3	0.7	58.9	44.4	87.3	66.7	5.3
92225	Riverside	61.9	58.5	46.3	55.8	3.2	89.6	36.6	52.7	57.3	66.9	73.2	48.1	93.9	35.6	4.9
92507	Riverside	65.5	48.2	46.5	29.1	29.2	96.0	57.7	45.6	56.0	33.8	70.3	49.7	93.1	66.1	3.9
92201	Riverside	62.3	52.5	43.9	57.9	30.4	93.4	40.1	76.0	35.2	33.8	58.2	34.0	94.0	73.8	7.2
92505	Riverside	72.2	66.4	38.5	52.1	29.7	95.2	50.5	57.7	51.7	0.7	66.6	52.9	94.5	74.5	4.0
92503	Riverside	67.1	65.9	40.4	68.3	24.4	94.2	48.3	57.6	50.1	0.7	62.8	51.9	98.4	72.2	5.7
92530	Riverside	58.7	60.7	41.2	63.7	30.2	94.3	42.5	50.8	63.6	33.8	58.6	45.7	92.6	72.7	5.1
92234	Riverside	81.0	59.3	43.7	65.4	38.4	93.4	47.7	58.7	46.2	33.8	55.3	52.9	94.7	34.3	10.3
92583	Riverside	42.5	56.7	43.6	71.7	22.3	99.2	44.6	50.6	62.7	33.8	71.2	34.5	92.6	86.7	11.9
92551	Riverside	61.1	55.7	36.3	70.9	34.3	96.5	47.6	59.4	51.1	33.8	60.6	42.6	90.9	84.9	2.2
92241	Riverside	54.4	62.5	45.2	88.5	34.4	-	48.7	36.8	70.0	33.8	66.4	63.6	95.6	73.5	12.0
92879	Riverside	78.2	72.7	38.0	64.8	36.4	81.3	56.7	52.4	53.6	0.7	73.0	64.7	88.8	79.4	5.0
92536	Riverside	62.3	77.7	40.9	88.0	30.2	-	56.7	17.7	90.3	66.9	64.6	82.9	25.8	73.0	11.6
92276	Riverside	81.3	54.1	38.1	86.4	43.5	-	55.8	52.8	56.3	33.8	62.6	70.6	95.8	51.7	16.8
91752	Riverside	63.9	75.0	40.6	64.3	28.5	94.6	51.0	57.0	52.6	33.8	69.7	70.3	68.9	74.0	6.3
92567	Riverside	71.4	64.4	38.1	79.3	30.0	98.5	44.9	54.2	53.6	33.8	69.5	53.4	80.5	78.6	6.3
92882	Riverside	82.1	79.8	39.6	69.5	24.7	97.4	63.2	48.5	57.7	0.7	74.3	66.5	94.8	67.4	3.7
92504	Riverside	70.6	68.0	41.7	62.2	21.6	97.8	55.4	47.7	67.8	33.8	72.3	58.2	99.5	77.3	10.0
92582	Riverside	56.0	64.4	35.7	83.4	29.7	87.5	60.6	49.9	77.2	33.8	75.5	65.3	75.8	87.9	5.7
92282	Riverside	43.7	46.6	38.2	82.9	36.8	-	54.4	27.8	99.1	93.4	73.7	38.0	95.8	78.9	13.5
92262	Riverside	76.2	68.6	51.1	55.4	28.7	96.6	72.5	48.5	75.4	33.8	68.4	68.9	95.7	50.5	21.2
92557	Riverside	74.2	71.4	39.9	73.0	22.3	95.0	61.6	45.7	63.8	33.8	72.6	51.1	96.9	87.4	4.5
92585	Riverside	56.3	75.5	37.8	83.8	33.9	96.6	57.6	44.6	74.4	33.8	70.1	56.6	89.8	79.8	5.8
92590	Riverside	84.1	69.5	60.5	44.5	64.2	84.7	63.8	32.9	85.1	33.8	72.1	77.1	90.6	42.1	9.7
92539	Riverside	84.5	56.6	35.1	88.4	27.4	94.3	48.7	22.0	96.8	66.9	67.3	47.8	87.6	77.8	14.6
92544	Riverside	60.7	62.8	45.9	70.8	14.5	96.6	56.6	31.0	87.1	66.9	75.2	51.0	93.3	86.8	19.2
92561	Riverside	74.6	84.5	41.2	100.0	0.0	-	81.3	8.0	97.8	93.4	83.0	87.1	0.0	92.0	12.5
92220	Riverside	79.0	65.0	41.9	73.7	27.0	93.1	47.2	38.5	76.8	66.9	72.1	57.1	88.8	78.7	21.2
92545	Riverside	56.3	67.6	42.6	73.0	26.5	96.5	52.0	28.9	82.7	66.9	78.3	63.0	92.5	85.7	23.6
92555	Riverside	77.0	77.7	34.0	76.7	27.2	96.9	67.0	42.5	55.1	66.9	72.8	67.5	93.8	83.8	2.3
92264	Riverside	84.9	67.9	51.4	63.7	32.6	87.2	82.3	16.0	81.3	66.9	76.3	79.1	74.3	66.4	23.7
92518	Riverside	22.2	88.8	40.3	0.0	100.0	-	76.6	11.7	82.8	93.4	92.5	47.0	93.5	42.0	100.0
92532	Riverside	77.4	93.3	30.3	77.5	28.1	98.5	70.4	35.4	80.0	33.8	85.6	86.9	92.2	67.4	2.0
92880	Riverside	94.4	94.9	35.1	86.0	31.9	99.2	76.8	38.8	55.3	33.8	80.3	81.5	74.6	75.7	0.6
92586	Riverside	54.8	78.4	42.8	80.4	28.6	-	56.1	20.3	93.4	66.9	84.7	83.5	89.9	79.2	43.1
92591	Riverside	79.0	81.5	39.8	61.8	26.4	100.0	77.5	23.7	85.9	66.9	79.4	82.2	96.9	57.9	3.6
92587	Riverside	72.6	85.8	39.6	85.7	36.5	-	67.6	25.6	91.2	66.9	82.5	77.4	90.2	78.7	7.6
92595	Riverside	70.2	78.6	39.3	82.1	33.5	99.2	66.9	31.7	85.5	66.9	76.6	70.5	92.1	69.6	9.6
92203	Riverside	76.2	86.5	42.8	78.5	28.8	-	75.2	41.0	78.2	66.9	81.2	76.9	95.6	82.9	8.1
92860	Riverside	82.5	90.1	39.1	87.0	30.6	99.5	58.9	28.8	81.6	66.9	86.9	73.9	73.6	80.5	6.0
92563	Riverside	86.1	95.6	35.7	77.2	31.8	98.7	73.9	24.7	81.1	66.9	84.3	85.4	96.9	51.5	4.3
92562	Riverside	75.0	90.7	40.3	74.5	25.2	98.0	83.9	21.7	89.9	66.9	85.9	82.5	87.7	67.0	5.6
92320	Riverside	88.9	77.8	41.1	95.4	26.4	-	60.2	19.7	93.3	66.9	81.2	83.1	88.9	91.0	21.9
92584	Riverside	73.0	88.8	35.2	83.8	32.5	96.9	72.0	28.5	90.0	66.9	82.5	78.2	92.5	77.7	3.4
92549	Riverside	85.7	80.9	40.1	85.5	18.1	-	78.2	9.1	100.0	66.9	84.1	80.6	89.8	90.5	29.6
92223	Riverside	90.5	84.5	39.2	85.3	25.5	95.3	67.8	35.9	78.6	66.9	84.3	73.9	88.9	80.3	9.4
6065	Riverside	70.6	70.9	44.1	70.5	78.5	93.8	88.4	44.4	65.0	-	71.5	60.6	95.0	73.4	7.6
92506	Riverside	86.5	84.6	44.6	82.7	15.1	85.8	86.4	26.7	89.0	66.9	83.4	74.6	98.6	80.3	9.6
92881	Riverside	82.5	94.8	39.1	87.0	18.1	99.4	72.5	30.4	75.4	66.9	85.2	87.7	95.4	81.2	3.6
92592	Riverside	90.9	94.5	36.5	82.5	29.7	98.5	84.8	19.6	90.8	66.9	85.4	86.8	87.8	63.4	3.7
92596	Riverside	90.9	90.4	33.2	85.1	32.1	98.3	75.2	26.2	82.5	66.9	85.4	88.6	96.6	70.8	1.2
92239	Riverside	73.0	54.9	37.7	83.1	56.1	-	38.2	17.4	85.2	93.4	85.6	57.7	100.0	100.0	-
92883	Riverside	88.5	99.4	38.3	96.6	34.4	-	80.7	26.2	81.9	66.9	86.1	88.9	94.9	84.1	2.6
92253	Riverside	91.3	84.8	47.2	78.4	32.4	94.8	79.8	28.0	82.6	66.9	84.9	76.2	97.4	82.3	8.6
92270	Riverside	79.4	82.2	55.6	83.4	36.2	-	86.4	8.0	92.1	66.9	90.3	87.2	97.0	81.9	27.0
92260	Riverside	89.7	77.6	51.7	65.6	38.3	98.8	80.6	23.4	81.5	66.9	82.3	82.3	97.6	78.5	23.4
92508	Riverside	90.9	93.5	36.3	88.6	21.4	99.7	79.2	27.8	80.3	66.9	85.8	90.7	93.5	83.6	2.1
92211	Riverside	82.1	87.2	48.7	83.0	31.6	-	86.2	9.3	92.5	66.9	93.2	93.6	97.0	90.1	25.4
92210	Riverside	84.5	100.0	58.4	90.1	29.3	-	100.0	0.0	97.9	93.4	100.0	100.0	97.8	100.0	24.5

# Appendix B

**TABLE 4: NORMALIZED INDICATOR SCORES FOR ALL ZIP CODES - SAN BERNARDINO COUNTY**

Zip Code	County	ECONOMY & HOUSING					EDUCATION & CULTURE					HEALTH & ACCESS TO CARE				
		Unemployment Rate	Percent of Population Under 200% of Poverty	Gini Coefficient	Percent Renters	Without Affordable Housing Normalized	High School Dropout Rate	Percent of population Without higher Education Normalized	Percent of Population that is Hispanic Normalized	Percent of Population Linguistically Isolated Normalized	Percent Undocumented Workers Normalized	Percent Uninsured Normalized	Percent on Medicaid Normalized	Population to 1 FTE Physician Normalized	Health Center penetration Rate of Low-Income Population Normalized	Mortality Rate (per 100,000) Normalized
		Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized	Normalized
92401	San Bernardino	26.5	6.1	46.2	6.3	50.0	-	26.7	73.5	49.3	0.0	70.8	19.4	98.3	0.0	47.6
92410	San Bernardino	41.4	26.9	44.4	43.7	55.0	35.6	29.0	89.6	36.1	0.0	69.6	25.3	97.8	71.9	15.7
92327	San Bernardino	6.1	19.2	45.2	52.0	5.9	75.9	57.4	22.7	39.6	93.4	72.9	0.0	98.0	100.0	14.2
91764	San Bernardino	56.1	50.7	38.2	50.3	58.0	1.0	42.9	87.0	35.2	0.0	74.3	59.7	96.4	96.4	12.6
92301	San Bernardino	34.3	38.8	42.6	56.7	56.7	-	41.7	69.6	57.2	33.8	80.8	30.9	73.3	87.2	12.7
92411	San Bernardino	40.9	29.2	44.0	49.8	55.6	91.3	28.9	92.5	42.7	0.0	70.4	32.9	98.3	80.8	22.3
92408	San Bernardino	68.5	41.1	47.0	35.9	46.7	45.9	46.0	63.2	43.7	33.8	75.0	48.0	99.0	68.5	17.6
92405	San Bernardino	40.3	41.1	43.2	45.7	49.7	86.5	44.8	76.5	54.6	0.7	75.0	39.3	98.1	73.5	17.1
92309	San Bernardino	89.2	41.7	44.9	36.3	48.3	56.2	20.1	81.0	38.8	0.7	68.3	16.1	99.0	88.2	-
92335	San Bernardino	51.7	40.7	40.2	52.0	51.7	92.6	31.2	100.0	27.4	0.0	67.4	49.2	99.0	92.4	12.5
92376	San Bernardino	50.6	46.0	39.3	58.0	51.2	80.8	39.6	86.3	40.9	0.7	73.0	47.6	98.2	90.2	15.0
92316	San Bernardino	51.4	41.9	37.9	75.1	59.0	92.3	40.9	96.3	35.2	0.0	71.0	57.9	99.5	62.3	12.8
92324	San Bernardino	59.4	47.3	42.9	53.3	47.9	72.0	44.9	85.9	48.3	0.7	73.9	55.8	99.6	86.3	16.0
92404	San Bernardino	51.9	39.1	44.7	46.6	53.9	85.0	43.0	66.0	56.6	33.8	76.4	42.8	98.5	79.4	27.2
92368	San Bernardino	46.7	47.9	42.8	59.4	28.0	94.6	33.2	63.2	60.1	33.8	77.3	51.3	98.5	94.8	14.4
92394	San Bernardino	59.4	48.0	39.2	59.0	46.1	-	46.3	57.8	60.8	66.9	79.1	53.4	94.8	90.5	9.1
91763	San Bernardino	65.5	52.7	39.7	60.8	50.1	85.5	43.0	85.1	34.9	0.7	73.9	67.6	97.5	95.4	16.2
93516	San Bernardino	19.9	41.4	42.2	58.2	44.4	95.1	43.6	18.2	89.7	66.9	91.5	44.8	98.8	86.0	40.1
91762	San Bernardino	58.0	54.6	40.7	54.0	56.7	83.7	43.6	85.1	42.4	0.0	75.5	66.8	96.6	95.9	18.9
92345	San Bernardino	48.9	47.9	42.4	64.1	48.3	68.5	46.5	56.8	67.6	33.8	78.9	55.3	96.9	94.0	23.3
92346	San Bernardino	67.4	63.2	41.6	69.0	40.4	45.9	58.1	47.4	66.1	33.8	83.6	62.9	99.1	80.2	18.9
92407	San Bernardino	55.5	53.9	41.4	58.8	48.4	84.7	48.9	64.9	58.0	33.8	78.9	58.0	98.0	82.5	12.1
92315	San Bernardino	59.1	46.5	51.5	53.6	49.3	-	65.3	22.6	77.7	33.8	68.2	78.9	93.3	98.8	33.4
92337	San Bernardino	58.0	64.5	32.8	77.5	55.6	88.4	48.6	85.3	37.2	0.7	75.3	66.6	98.4	88.1	7.3
91761	San Bernardino	64.4	58.8	36.0	64.5	51.3	90.3	49.3	79.7	45.2	0.7	74.7	71.0	95.4	95.5	9.4
92395	San Bernardino	56.9	44.0	45.2	51.4	50.4	56.7	52.8	49.0	65.9	66.9	82.1	48.1	97.3	94.3	30.4
92333	San Bernardino	1.1	62.0	41.2	71.6	44.1	-	71.9	4.5	100.0	-	73.7	100.0	93.3	100.0	24.6
93562	San Bernardino	49.4	54.1	53.8	64.3	16.0	88.6	46.4	17.1	92.9	93.4	77.0	59.0	97.6	54.4	44.2
92256	San Bernardino	25.7	38.7	51.4	67.9	55.5	-	61.1	14.3	83.2	93.4	72.6	58.8	97.0	95.7	32.1
91786	San Bernardino	66.0	60.3	41.9	41.9	43.3	94.6	65.5	52.8	60.6	33.8	80.2	65.5	97.4	96.2	24.5
92304	San Bernardino	100.0	0.0	-	-	100.0	-	-	70.7	0.0	93.4	0.0	100.0	55.6	100.0	-
92268	San Bernardino	18.8	54.4	49.0	91.7	80.8	-	38.3	0.0	88.8	-	71.0	99.7	97.0	100.0	52.2
92356	San Bernardino	19.6	46.4	44.2	76.0	46.2	83.5	53.4	27.2	85.0	66.9	76.2	64.4	98.4	97.4	42.9
92372	San Bernardino	54.7	60.1	52.8	72.7	40.4	-	50.5	25.5	85.3	66.9	83.6	84.2	73.1	96.7	25.5
92371	San Bernardino	54.1	65.4	39.2	70.6	48.4	46.6	52.2	32.9	81.1	66.9	84.6	70.6	97.3	95.9	24.0
92311	San Bernardino	59.4	54.3	42.3	54.8	29.6	77.1	52.8	49.4	75.7	66.9	84.9	56.8	98.5	97.6	29.9
92392	San Bernardino	53.9	60.9	39.2	70.9	41.5	70.9	57.8	55.5	65.9	66.9	83.7	64.0	97.6	85.5	20.1
92354	San Bernardino	76.8	67.8	50.6	42.1	42.1	-	81.8	23.8	60.0	66.9	84.3	82.2	99.6	70.7	28.0
92322	San Bernardino	29.6	61.5	50.5	59.7	30.5	-	66.5	13.1	96.7	93.4	82.6	38.9	95.4	100.0	50.0
92373	San Bernardino	80.4	76.1	47.1	52.9	41.8	0.0	85.4	20.3	80.0	66.9	89.0	84.5	99.2	86.5	29.7
92277	San Bernardino	49.7	52.4	42.7	37.7	29.2	97.4	62.2	21.2	87.7	93.4	89.2	65.6	93.5	99.2	19.0
92391	San Bernardino	66.6	48.8	43.4	69.6	60.7	-	68.9	33.6	73.6	-	73.5	86.1	95.4	97.1	7.9
92365	San Bernardino	58.0	53.7	37.3	78.6	36.4	-	56.4	26.9	78.8	66.9	83.5	78.6	96.5	100.0	34.4
92252	San Bernardino	38.7	51.8	42.1	58.2	44.6	-	60.8	16.4	88.6	93.4	83.9	66.0	96.9	99.2	39.3
92285	San Bernardino	41.4	28.7	55.4	77.5	61.7	-	47.0	15.9	92.8	93.4	71.5	57.5	97.0	100.0	49.0
91730	San Bernardino	68.0	71.2	36.8	48.8	42.5	-	72.0	48.1	62.7	66.9	84.2	83.3	95.5	95.5	14.3
92336	San Bernardino	58.0	72.8	33.3	80.6	49.2	90.9	63.8	66.1	52.5	33.8	80.5	75.3	94.8	92.1	9.5
92284	San Bernardino	53.0	54.3	41.1	62.3	41.3	88.2	62.5	17.7	89.1	66.9	82.2	63.9	97.0	98.1	40.5
92359	San Bernardino	72.9	64.4	41.3	63.9	44.9	-	58.7	40.6	74.5	66.9	84.7	76.0	98.5	87.2	24.8
92386	San Bernardino	69.6	61.2	39.2	57.0	62.6	-	71.4	17.8	82.2	-	72.6	93.5	93.3	100.0	27.5
92363	San Bernardino	69.9	45.1	47.3	50.7	45.6	75.6	49.9	23.4	92.0	93.4	77.8	56.4	96.9	96.4	42.9
92358	San Bernardino	46.4	80.1	32.8	68.2	25.6	-	67.8	13.6	76.2	93.4	89.4	73.6	97.0	100.0	36.7
92325	San Bernardino	69.3	55.6	43.6	75.6	44.3	34.2	69.9	16.8	92.6	93.4	85.2	69.9	95.4	90.6	29.5
6071	San Bernardino	59.9	58.3	43.6	61.9	85.5	82.8	47.8	58.3	58.9	-	79.8	65.0	98.3	88.8	18.4
92308	San Bernardino	55.0	57.8	46.8	69.0	48.7	82.8	57.1	33.3	83.0	66.9	84.1	60.1	94.6	95.7	34.6
92344	San Bernardino	44.2	64.7	37.2	76.5	50.1	90.3	61.8	51.6	70.9	66.9	82.3	67.0	97.6	96.3	12.8
92382	San Bernardino	70.4	70.9	36.7	73.4	44.2	-	79.2	13.1	87.2	66.9	82.2	81.8	93.3	96.5	17.1
91710	San Bernardino	69.6	70.0	39.8	70.9	53.0	89.8	58.4	65.9	55.1	33.8	82.5	81.1	97.6	95.6	13.2
92377	San Bernardino	59.4	70.6	32.8	83.5	47.8	89.1	54.3	62.9	55.0	66.9	83.7	70.9	94.6	90.7	14.3
92314	San Bernardino	50.3	63.5	44.9	64.4	43.4	90.8	55.0	19.8	83.9	93.4	71.3	82.5	93.3	98.5	26.4
92307	San Bernardino	62.4	61.7	45.1	71.0	43.5	79.2	62.3	29.9	86.0	66.9	83.7	74.2	95.9	89.8	33.2
92310	San Bernardino	43.1	70.0	31.8	1.2	100.0	-	84.0	28.1	77.0	93.4	99.3	99.0	88.4	100.0	0.0
92374	San Bernardino	72.7	69.7	41.5	65.1	35.2	91.8	68.8	45.1	69.5	66.9	86.4	72.0	99.5	85.8	17.5
92347	San Bernardino	72.9	61.4	42.0	75.7	24.5	-	55.4	46.7	85.4	66.9	90.9	74.6	98.5	100.0	32.6
92378	San Bernardino	100.0	73.3	27.7	73.1	0.0	-	47.1	27.5	100.0	-	100.0	49.0	95.4	100.0	-
91708	San Bernardino	67.4	90.2	30.8	93.2	63.5	-	61.9	37.9	58.8	66.9	88.9	98.8	93.5	100.0	2.9
92399	San Bernardino	60.2	69.1	43.4	73.9	44.9	93.9	66.8	29.7	81.2	66.9	84.0	78.5	98.5	91.5	28.8
92313	San Bernardino	71.5	77.2	41.5	61.9	43.2	95.5	68.4	45.5	74.3	66.9	86.7	87.5	99.7	74.9	24.8
92342	San Bernardino	78.5	72.1	35.7	73.9	32.6	100.0	67.7	20.2	84.5	66.9	89.0	74.7	98.5	96.6	29.2
92321	San Bernardino	100.0	62.6	36.2	73.4	33.8	-	79.5	36.7	73.7	33.8	75.9	78.9	95.4	100.0	-
89019	San Bernardino	94.8	65.2	40.2	66.0	100.0	-	52.9	16.1	83.5	-	96.0	99.0	99.9	90.8	21.6
91709	San Bernardino	69.9	84.0	38.2	79.6	45.4	93.7	81.1	32.7	56.6	66.9	86.6	90.9	98.3	95.9	9.7
92398	San Bernardino	64.9	75.0	39.1	68.3	12.3	96.3	71.3	27.7	87.8	-	91.7	84.0	98.5	100.0	43.3
92332	San Bernardino	-	100.0	8.8	100.0	100.0	-	0.0	32.8	100.0	93.4	100.0	100.0	0.0	100.0	-
91739	San Bernardino	71.8	88.6	38.3	72.9	50.9	96.5	79.9	37.2	61.7	66.9	90.8	90.4	94.6	93.9	9.4
92397	San Bernardino	80.9	73.7	39.7	74.1	42.5	-	79.3	10.7	93.0	93.4	87.1	91.2	96.8	97.2	

## Appendix B

**TABLE 5: INDEX SCORES FOR ALL ZIP CODES - RIVERSIDE COUNTY**

Zip Code	County	Overall Score	Economy and Housing Index Score	Education and Culture Index Score	Health and Access to Care Index Score
92254	Riverside	28.33	33.4	25.0	26.6
92274	Riverside	40.99	39.6	46.9	36.5
92258	Riverside	41.70	59.4	38.1	27.6
92230	Riverside	44.66	29.6	50.9	53.5
92236	Riverside	44.82	47.0	43.4	44.1
92501	Riverside	46.18	43.2	39.5	55.8
92570	Riverside	47.26	46.2	45.4	50.2
92543	Riverside	48.48	40.5	46.5	58.5
92553	Riverside	48.66	45.9	46.4	53.8
92240	Riverside	48.71	45.2	55.2	45.6
92548	Riverside	49.29	48.5	42.5	56.9
92571	Riverside	50.10	50.0	47.3	53.0
92509	Riverside	50.33	50.4	48.1	52.5
92225	Riverside	52.30	45.1	60.6	51.1
92507	Riverside	52.71	43.7	57.8	56.6
92201	Riverside	52.85	49.4	55.7	53.4
92505	Riverside	53.81	51.8	51.1	58.5
92503	Riverside	53.85	53.2	50.2	58.2
92530	Riverside	54.28	50.9	57.0	54.9
92234	Riverside	54.33	57.5	56.0	49.5
92583	Riverside	54.96	47.4	58.2	59.4
92551	Riverside	55.19	51.7	57.7	56.2
92241	Riverside	55.51	57.0	47.3	62.2
92879	Riverside	56.38	58.0	48.9	62.2
92536	Riverside	56.42	59.8	57.9	51.6
92276	Riverside	56.62	60.7	49.7	59.5
91752	Riverside	56.70	54.5	57.8	57.9
92567	Riverside	57.10	56.6	57.0	57.7
92882	Riverside	58.01	59.2	53.5	61.3
92504	Riverside	58.92	52.8	60.5	63.4
92582	Riverside	59.22	53.8	61.8	62.1
92282	Riverside	59.41	49.6	68.7	60.0
92262	Riverside	59.43	56.0	61.4	60.9
92557	Riverside	59.55	56.2	60.0	62.5
92585	Riverside	59.76	57.5	61.4	60.4
92590	Riverside	60.98	64.6	60.1	58.3
92539	Riverside	61.06	58.4	65.7	59.0
92544	Riverside	61.23	51.0	67.6	65.1
92561	Riverside	61.70	60.1	70.1	54.9
92220	Riverside	61.80	57.3	64.5	63.6
92545	Riverside	62.41	53.2	65.4	68.6
92555	Riverside	62.74	58.5	65.7	64.0
92264	Riverside	63.60	60.1	66.7	64.0
92518	Riverside	63.79	50.3	66.1	75.0
92532	Riverside	63.91	61.3	63.6	66.8
92880	Riverside	63.93	68.5	60.8	62.5
92586	Riverside	64.07	57.0	59.2	76.1
92591	Riverside	64.16	57.7	70.8	64.0
92587	Riverside	64.71	64.1	62.8	67.3
92595	Riverside	64.83	60.7	70.0	63.7
92203	Riverside	65.61	62.6	65.3	68.9
92860	Riverside	65.72	65.9	67.1	64.1
92563	Riverside	66.29	65.3	69.1	64.5
92562	Riverside	66.32	61.1	72.1	65.8
92320	Riverside	66.40	65.9	60.0	73.2
92584	Riverside	66.79	62.7	70.9	66.8
92549	Riverside	66.85	62.1	63.5	74.9
92223	Riverside	67.08	65.0	68.9	67.4
6065	Riverside	67.14	66.9	72.9	61.6
92506	Riverside	67.65	62.7	71.0	69.3
92881	Riverside	67.95	64.3	68.9	70.6
92592	Riverside	68.12	66.8	72.1	65.4
92596	Riverside	68.23	66.3	69.8	68.5
92239	Riverside	68.45	61.0	58.5	85.8
92883	Riverside	68.91	71.4	63.9	71.3
92253	Riverside	69.04	66.8	70.4	69.9
92270	Riverside	69.13	67.4	63.4	76.7
92260	Riverside	69.21	64.6	70.2	72.8
92508	Riverside	69.35	66.1	70.8	71.1
92211	Riverside	70.04	66.5	63.7	79.9
92210	Riverside	76.58	72.5	72.8	84.5



**TABLE 6: INDEX SCORES FOR ALL ZIP CODES - SAN BERNARDINO COUNTY**

Zip Code	County	Overall Score	Economy and Housing Index Score	Education and Culture Index Score	Health and Access to Care Index Score
92401	San Bernardino	37.20	27.0	37.4	47.2
92410	San Bernardino	45.46	42.3	38.1	56.1
92327	San Bernardino	46.83	25.7	57.8	57.0
91764	San Bernardino	50.58	50.7	33.2	67.9
92301	San Bernardino	51.12	45.8	50.6	57.0
92411	San Bernardino	51.97	43.9	51.1	60.9
92408	San Bernardino	51.98	47.8	46.5	61.6
92405	San Bernardino	52.42	44.0	52.6	60.6
92309	San Bernardino	53.11	52.1	39.3	67.9
92335	San Bernardino	53.87	47.3	50.3	64.1
92376	San Bernardino	54.49	49.0	49.6	64.8
92316	San Bernardino	55.57	53.0	53.0	60.7
92324	San Bernardino	55.60	50.1	50.4	66.3
92404	San Bernardino	56.19	47.2	56.9	64.5
92368	San Bernardino	56.40	45.0	57.0	67.2
92394	San Bernardino	57.89	50.4	57.9	65.4
91763	San Bernardino	57.89	53.7	49.8	70.1
93516	San Bernardino	58.12	41.2	62.7	70.4
91762	San Bernardino	58.17	52.8	51.0	70.7
92345	San Bernardino	58.21	50.3	54.7	69.7
92346	San Bernardino	58.50	56.3	50.3	68.9
92407	San Bernardino	58.52	51.6	58.0	65.9
92315	San Bernardino	58.78	52.0	49.8	74.5
92337	San Bernardino	58.95	57.7	52.0	67.1
91761	San Bernardino	59.07	55.0	53.0	69.2
92395	San Bernardino	59.43	49.6	58.3	70.5
92333	San Bernardino	60.38	44.0	58.8	78.3
93562	San Bernardino	60.56	47.5	67.7	66.5
92256	San Bernardino	60.68	47.8	63.0	71.2
91786	San Bernardino	61.63	50.7	61.5	72.8
92304	San Bernardino	61.75	66.7	54.7	63.9
92268	San Bernardino	61.75	58.9	42.4	84.0
92356	San Bernardino	61.84	46.5	63.2	75.8
92372	San Bernardino	61.93	56.1	57.0	72.6
92371	San Bernardino	61.99	55.6	55.9	74.5
92311	San Bernardino	61.99	48.1	64.4	73.5
92392	San Bernardino	62.28	53.3	63.4	70.2
92354	San Bernardino	62.32	55.9	58.1	73.0
92322	San Bernardino	62.38	46.3	67.4	73.4
92373	San Bernardino	62.65	59.7	50.5	77.8
92277	San Bernardino	62.68	42.3	72.4	73.3
92391	San Bernardino	62.84	57.8	58.7	72.0
92365	San Bernardino	62.88	52.8	57.2	78.6
92252	San Bernardino	62.98	47.1	64.8	77.1
92285	San Bernardino	63.39	52.9	62.3	75.0
91730	San Bernardino	63.48	53.5	62.4	74.6
92336	San Bernardino	63.54	58.8	61.4	70.4
92284	San Bernardino	63.88	50.4	64.9	76.3
92359	San Bernardino	63.96	57.5	60.2	74.2
92386	San Bernardino	64.14	57.9	57.1	77.4
92363	San Bernardino	64.22	51.7	66.9	74.1
92358	San Bernardino	64.24	50.6	62.7	79.3
92325	San Bernardino	64.39	57.7	61.4	74.1
6071	San Bernardino	64.63	61.8	62.0	70.1
92308	San Bernardino	64.64	55.5	64.6	73.8
92344	San Bernardino	64.69	54.5	68.3	71.2
92382	San Bernardino	64.97	59.1	61.6	74.2
91710	San Bernardino	65.09	60.7	60.6	74.0
92377	San Bernardino	65.10	58.8	65.6	70.9
92314	San Bernardino	65.42	53.3	68.6	74.4
92307	San Bernardino	65.65	56.7	64.9	75.3
92310	San Bernardino	65.72	49.2	70.6	77.3
92374	San Bernardino	65.82	56.8	68.4	72.2
92347	San Bernardino	66.07	55.3	63.6	79.3
92378	San Bernardino	66.38	54.8	58.2	86.1
91708	San Bernardino	67.40	69.0	56.4	76.8
92399	San Bernardino	67.42	58.3	67.7	76.3
92313	San Bernardino	67.96	59.1	70.1	74.7
92342	San Bernardino	68.00	58.6	67.8	77.6
92321	San Bernardino	68.22	61.2	55.9	87.6
89019	San Bernardino	68.51	73.2	50.8	81.5
91709	San Bernardino	68.62	63.4	66.2	76.3
92398	San Bernardino	68.73	51.9	70.8	83.5
92332	San Bernardino	69.58	77.2	56.5	75.0
91739	San Bernardino	69.58	64.5	68.4	75.8
92397	San Bernardino	69.81	62.2	69.1	78.1
92341	San Bernardino	70.03	55.6	65.8	88.7
91701	San Bernardino	70.19	62.4	69.4	78.8
91737	San Bernardino	70.50	64.5	69.9	77.1
92278	San Bernardino	71.29	50.1	65.0	98.7
92242	San Bernardino	71.97	62.6	62.9	90.4
92339	San Bernardino	72.05	62.6	74.8	78.8
92352	San Bernardino	73.37	64.5	76.4	79.2
93558	San Bernardino	73.96	82.0	52.4	87.4
92364	San Bernardino	74.24	72.0	75.7	75.0
91784	San Bernardino	74.81	68.3	75.7	80.4
92305	San Bernardino	74.95	57.8	71.8	95.3
92385	San Bernardino	78.64	67.8	72.1	96.0
91759	San Bernardino	79.20	71.8	69.8	96.0
92280	San Bernardino	82.63	100.0	48.9	99.0
92267	San Bernardino	83.31	100.0	51.0	99.0
92338	San Bernardino	85.01	100.0	55.0	100.0

# APPENDIX C: INTERACTIVE MAPS USER MANUAL

**Overall Score** - Map 1 shows the overall score. The overall score is an average of the three main sub-indices (categories): Economy & Housing, Education & Culture, and Health & Access to Care. When you hover the mouse over a zip code you will see the zip code name and overall score. When you click on a zip code you will see the three scores of the main categories.

Map 1 is available at: <http://cdb.io/1FDxGK4>

**Economy and Housing** – Map 2 is a visual representation of one of three sub-indices used in the overall score. Hovering will show you the zip code name and **Economy & Housing** score. Clicking will show you the actual individual indicator levels that make up the index. Although this interactive map shows you the raw data for each indicator, the normalized figures for each indicator were used to create the sub-index score.

Map 2 is available at: <http://cdb.io/1Ad55YT>

**Education and Culture** - Map 3 is a visual representation of one of three sub-indices used in the overall score. Hovering will show you the zip code name and **Education & Culture** score. Clicking will show you the actual individual indicator levels that make up the index. Although this interactive map shows you the raw data for each indicator, the normalized figures for each indicator were used to create the sub-index score.

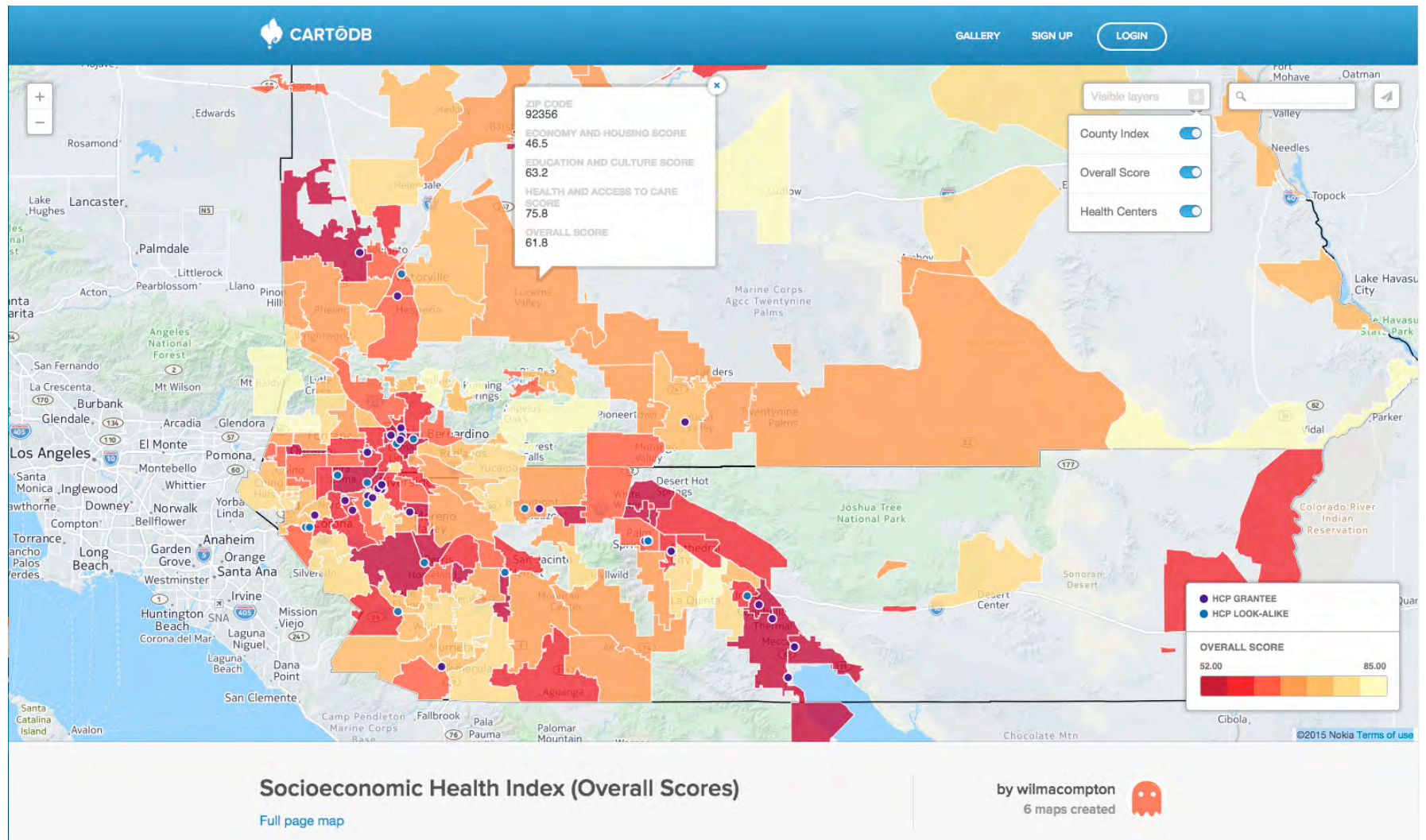
Map 3 is available at: <http://cdb.io/1FDsIgx>

**Health and Access to Care** - Map 4 is a visual representation of one of three sub-indices used in the overall score. Hovering will show you the zip code name and **Health & Access to Care** score. Clicking will show you the actual individual indicator levels that make up the index. Although this interactive map shows you the raw data for each indicator, the normalized figures for each indicator were used to create the sub-index score.

Map 4 is available at: <http://cdb.io/1FDtHgy>

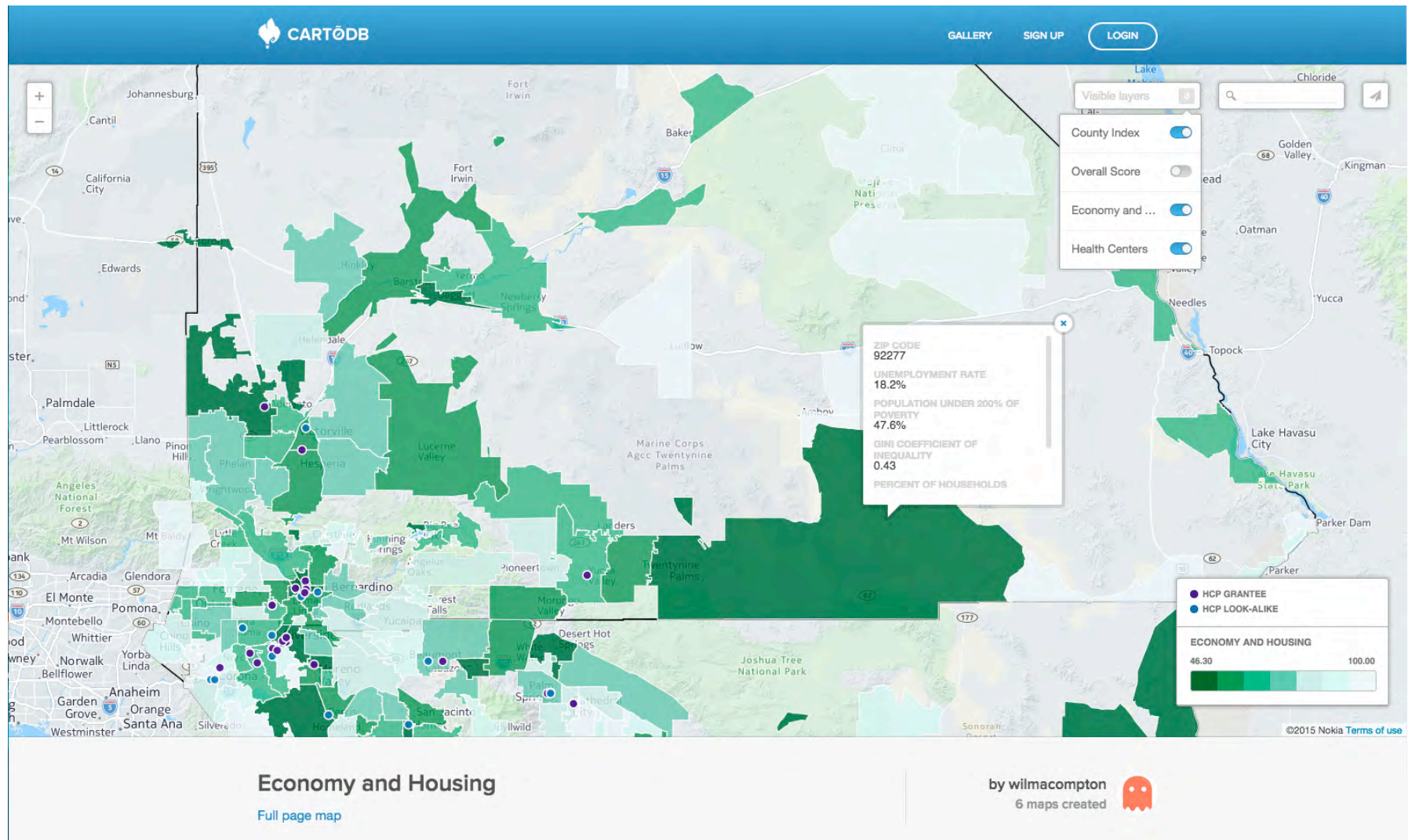
**Additional Layers** - Each map also has a **County Index** layer, which will give you the overall score when you hover the mouse and the individual figures of each category when you click on the county. To see this feature, you must make sure the Overall Score layer and Category layer is turned off. The Health Center layer can still be turned on. Although this interactive map doesn't show the normalized figure for each indicator (only the raw data) the normalized figures for each indicator were used to create the category score.

Map 1: Socioeconomic Health Index Interactive Map Snapshot (<http://cdb.io/1FDxGK4>)

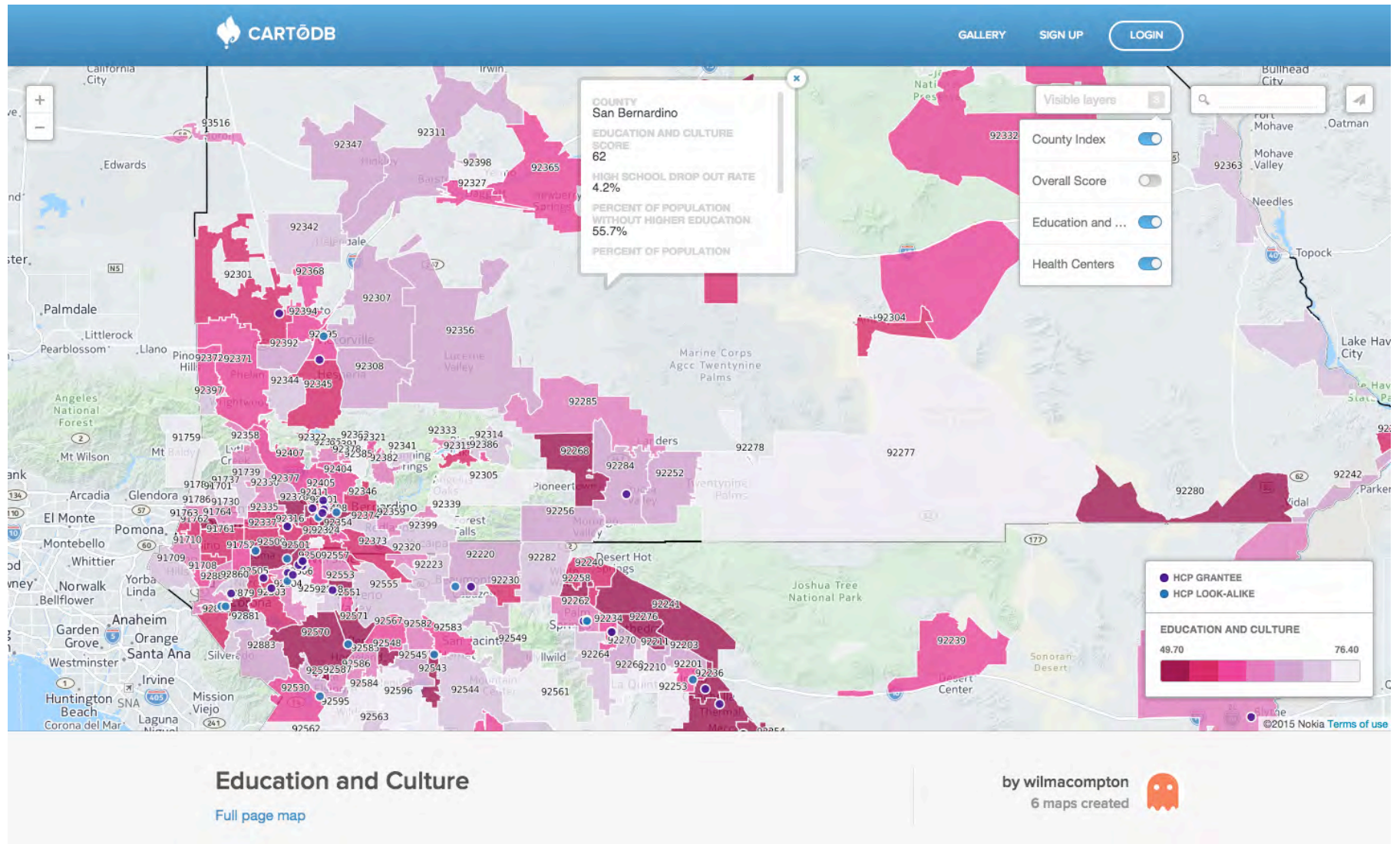




Map 2: Economy and Housing Index Interactive Map Snapshot (<http://cdb.io/1Ad55YT>)

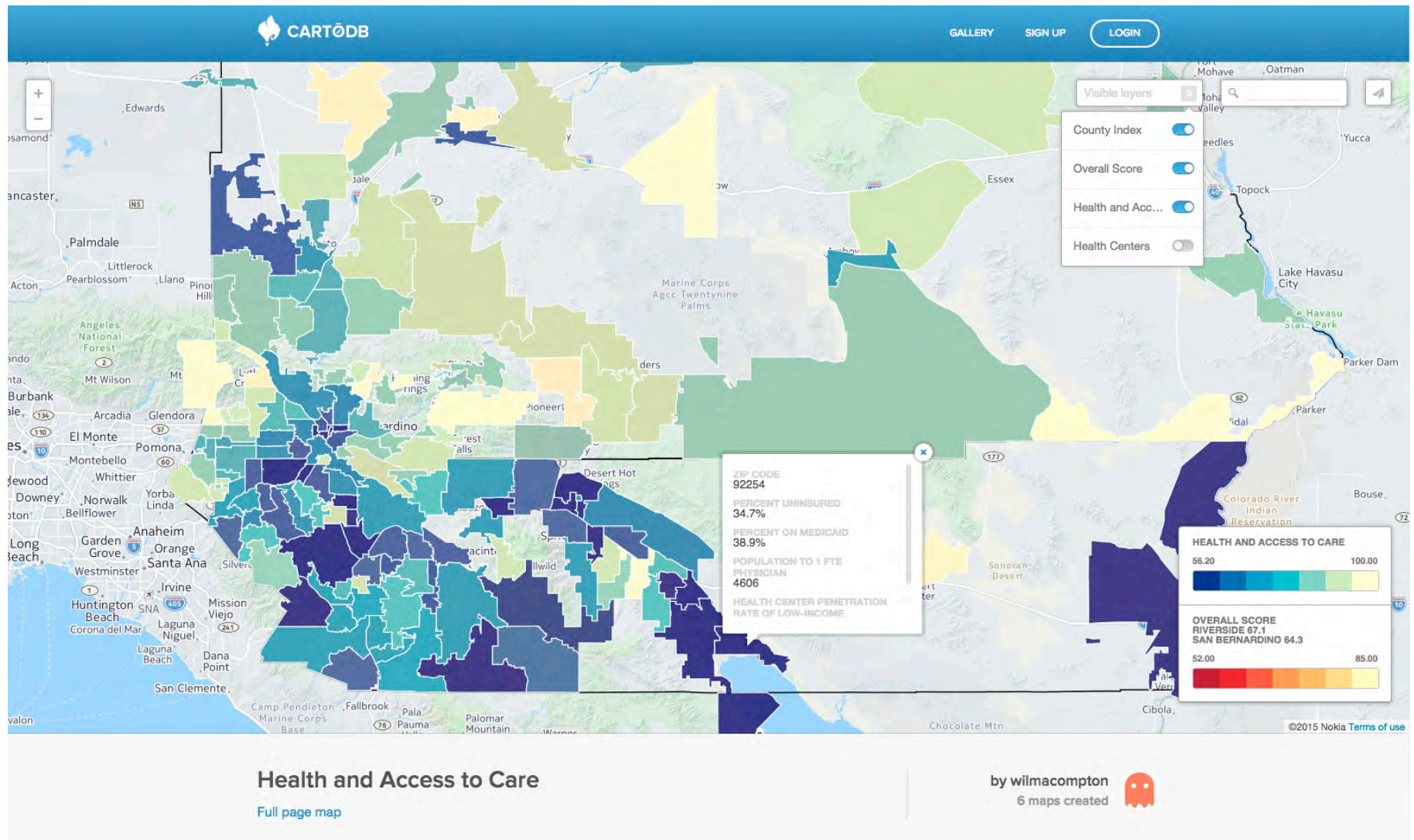


Map 3: Education and Culture Index Interactive Map Snapshot (<http://cdb.io/1FDsIgx>)





Map 4: Health and Access to Care Index Interactive Map Snapshot (<http://cdb.io/1FDtHgy>)





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