



**Los Angeles Equity Mapbook:
A Regional Visualization of
Injustice and Exclusion**



October 2020

Introduction

We all must continue to fight injustice where we see it, and where we don't.

Like most residents of Los Angeles, the team at Angel City Advisors has been stunned, infuriated, and inspired by the events of 2020. We leapt to the instinctive, easy things - we marched, spoke out, donated, shored up allies, and confronted institutional agendas. We voted and worked to get out the vote. But racial injustice is embedded so deeply in America that we must act more fundamentally. It is a [groundwater problem](#).

Our small Los Angeles firm helps connect capital and expertise to community voices, using data and our professional experience to design and execute investment strategy. So when we ask ourselves what resources, knowledge, and power we wield to confront structural racism and regional inequity, this is our arena.

For community benefit, Angel City is proud to release the ***Los Angeles Equity Mapbook***. The product is a collection of 34 maps that visualize injustice and exclusion across the Los Angeles County region. Over the past six months we have been collecting many current County-wide data sets - some public, others not - and mapping them across our region. These maps are for you to use, cite, and ACT upon.

We have also constructed a ***Social Equity Index*** that blends 17 of these variables into a single metric that was mapped across the Los Angeles region. In a more nuanced way, it shows what Los Angeles communities are unfairly impacted across multiple structural and current socioeconomic disadvantages. It also weights co-location with place-

based investment opportunities. The Equity Index product was first submitted to the Los Angeles County CEO's Office as part of ongoing economic development and resiliency efforts. But with their partnership, it is now an open resource to everyone.

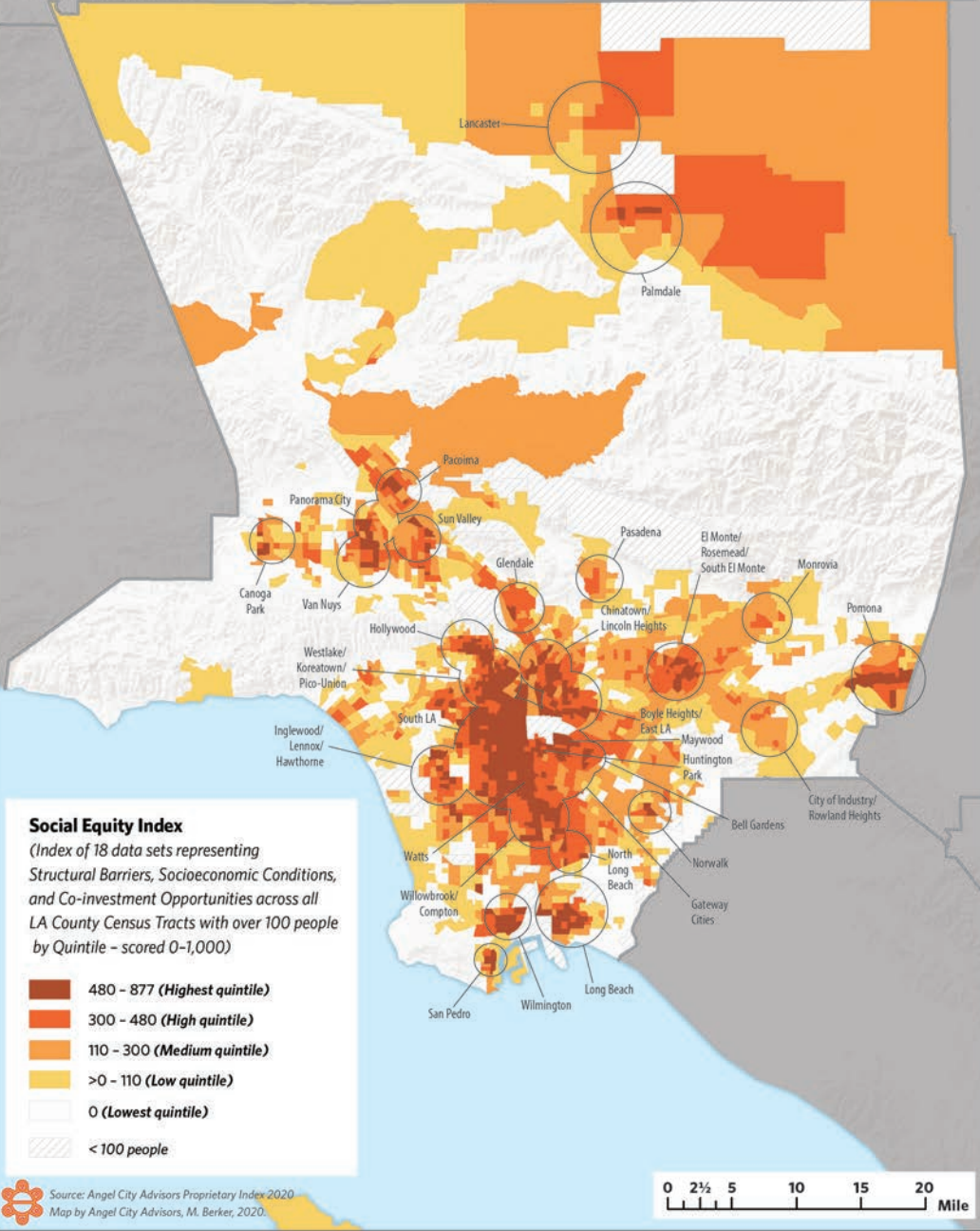
Our hope is that community activists, policymakers, funders, investors, and others will avail themselves of this data in making decisions about social policy, impact investments, and resource allocations. Social change requires sustained, intentional effort and clear, accurate information. Please use this information for good.

These data visualizations can be freely printed and downloaded individually or as an entire mapbook on our [website](#). The Social Equity Index can be printed as a wall map. We hope it is a new tool that can educate those with power, empower change agents, and help mitigate the racist policies and conditions that have been perpetuated in Los Angeles since its founding.

Submitted with integrity and humility,

Daniel Tellalian,
Founder & CEO
Angel City Advisors

LOS ANGELES COUNTY EQUITY MAP: Social Equity Index



Equity Index

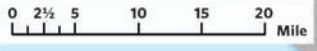
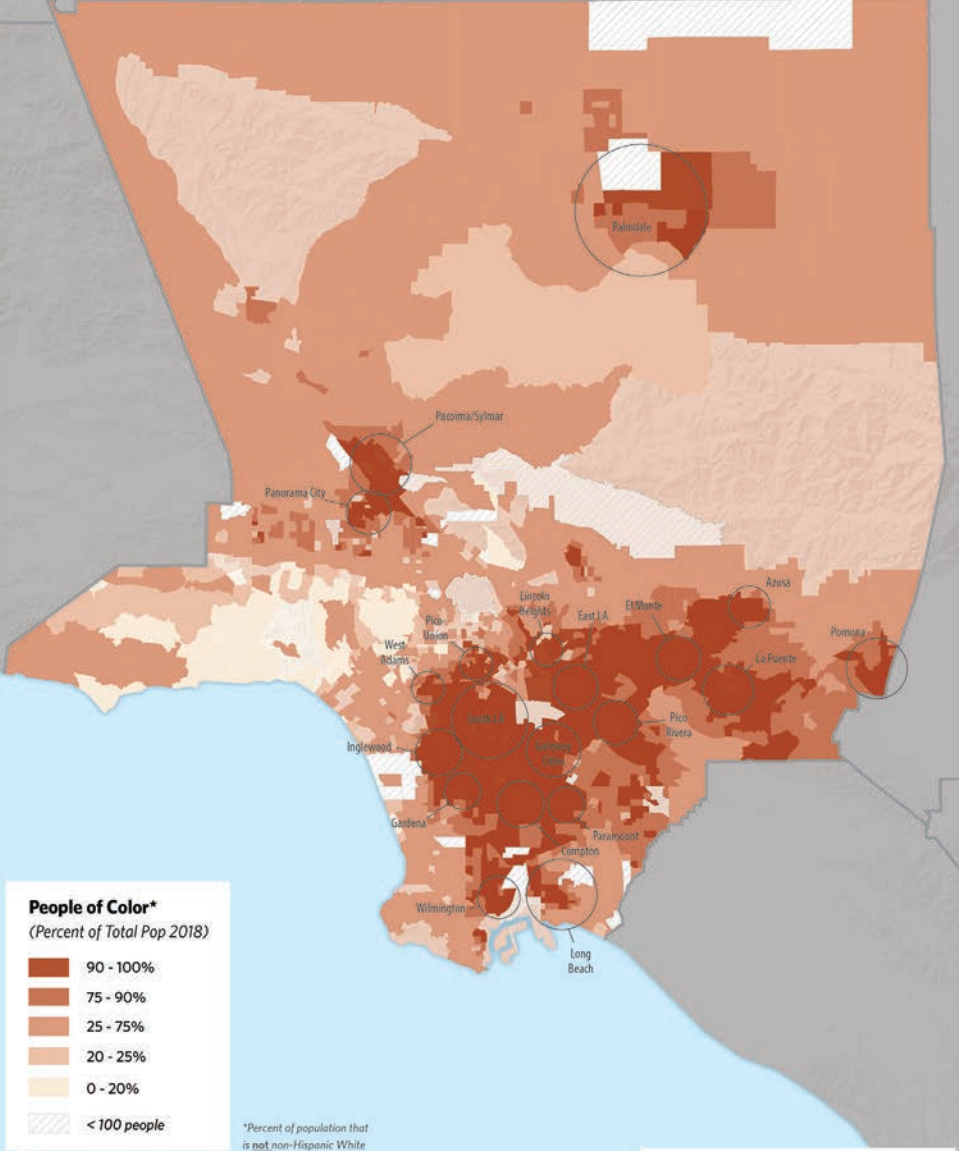
Angel City Advisors has constructed an Equity Index that integrates many equity metrics into a single scoring that can be regionally visualized and more logically identify areas of inequity for more intentional investment or policymaking. The equity metrics we have captured and visualized consist of the following data sets:

At a high level, the Index is composed of the following elements:

Structural/ Immutable Disadvantages (40% of Score):	Current/Evolving Socioeconomic Disadvantages (40% of Score):	Co-investment Opportunities (20% of Score):
<ul style="list-style-type: none"> Environmental Justice (pollution burden, per OEHA) Racism (designated as a tract of racially concentrated poverty, per PERE and the Haas Institute) Xenophobia (high concentrations of foreign born and recent Latin American immigrants, per US Census estimates) Redlining (poor historic grades by Home Owners Loan Corporation, per NCRC) Criminal Justice (high concentrations of active probation cases, per LA County) 	<ul style="list-style-type: none"> Household Income (MHI below 80% of AMI, per US Census estimates) Educational Attainment (high concentration below high school, per US Census estimates) Unemployment (high rates prior to COVID19 spike, per US Census estimates) Overcrowding (high rates of housing occupancy, per PERE) Homelessness (high homeless population per tract, per LAHSA and DRP) Public Benefits (high concentration of anti-poverty recipients, per DPSS) 	<ul style="list-style-type: none"> Location in a Promise Zone Location in an Opportunity Zone Location in a NMTC-eligible Zone Location in a Best Start Community Location in an AB 1550 Low Income Community tract Location in an SB 535 Disadvantaged Community tract

LOS ANGELES COUNTY EQUITY MAP:

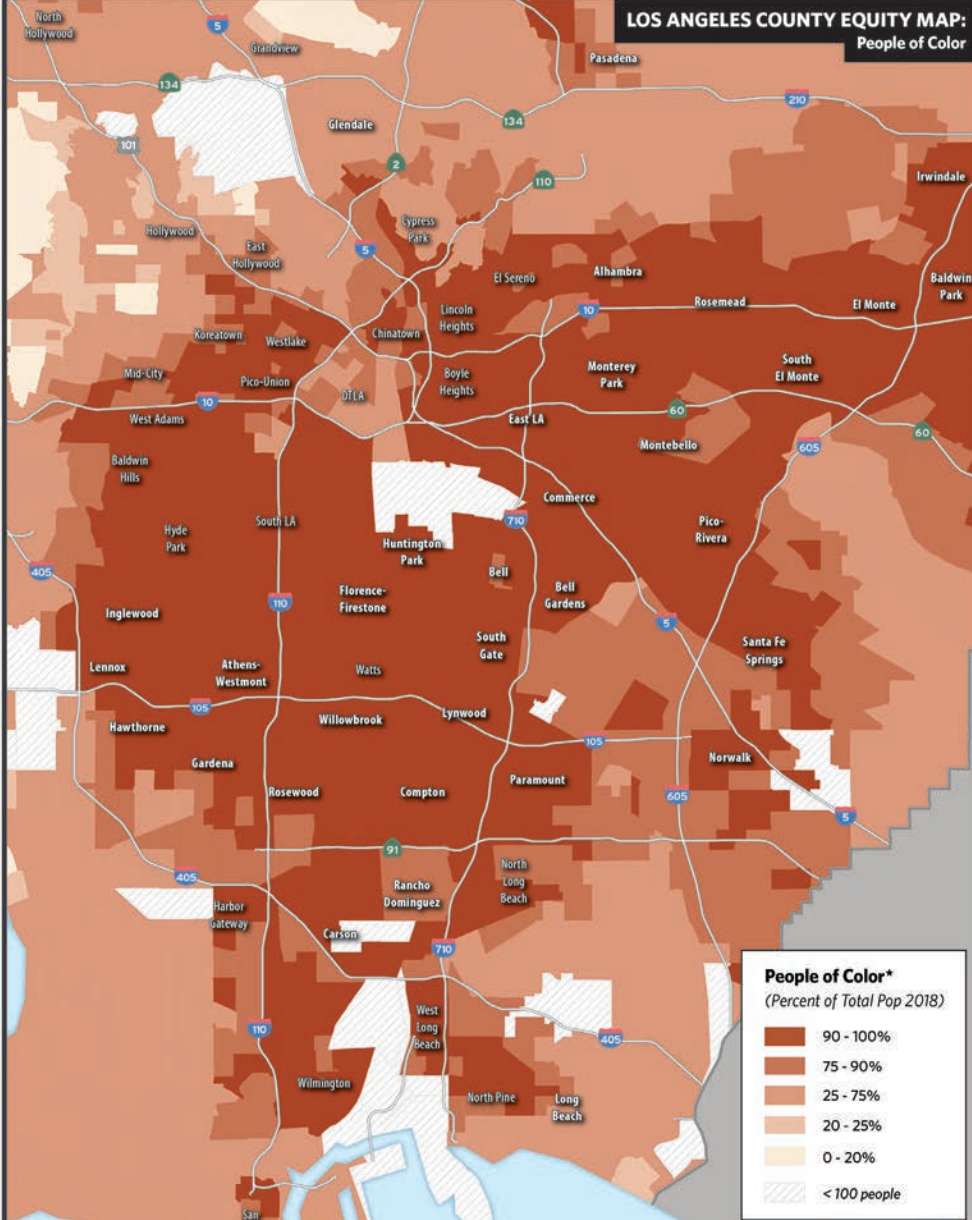
People of Color



Source: Program for Environmental and Regional Equity (PERE) USC, 2020
Map by Angel City Advisors, M. Berker, 2020.

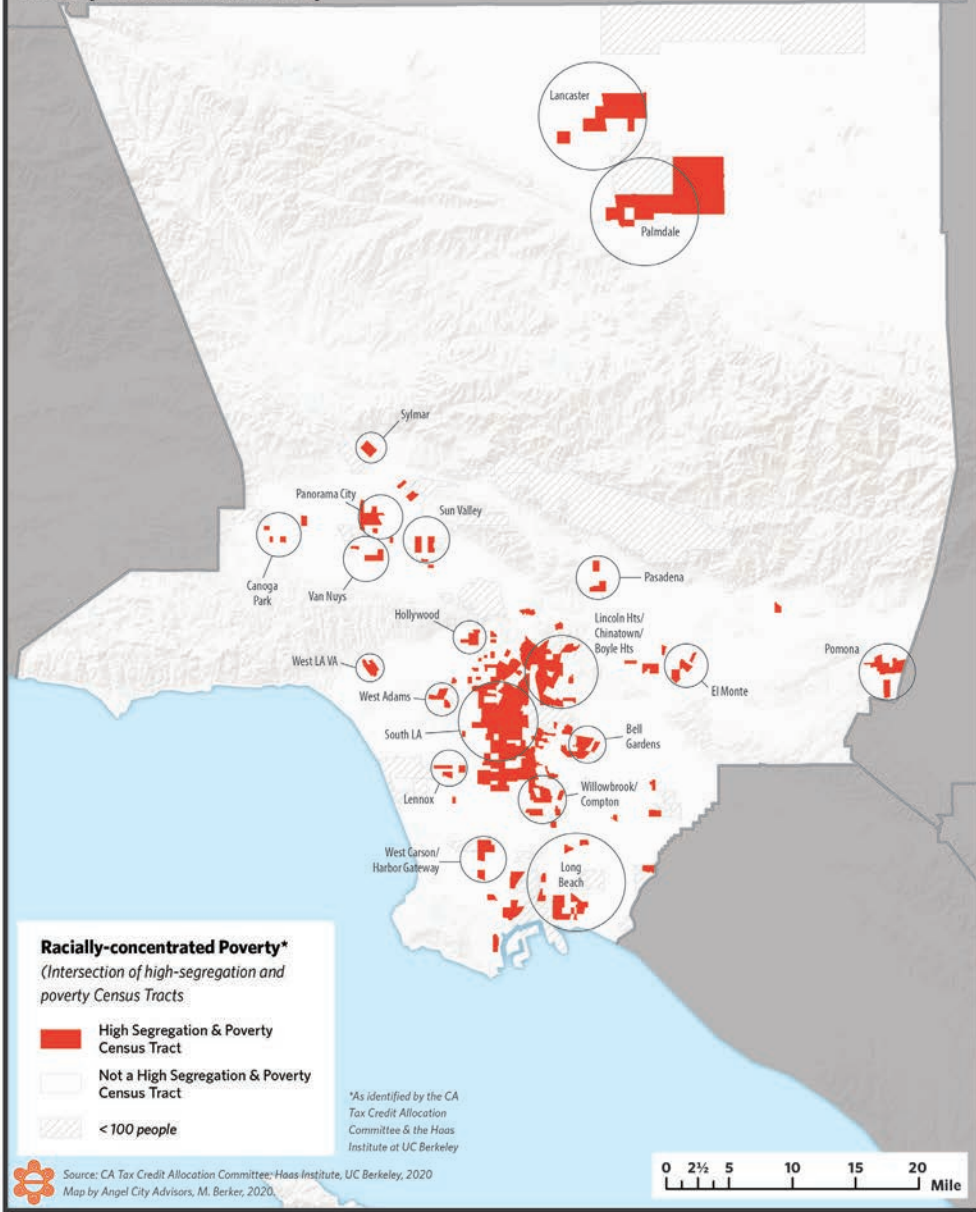
LOS ANGELES COUNTY EQUITY MAP:

People of Color

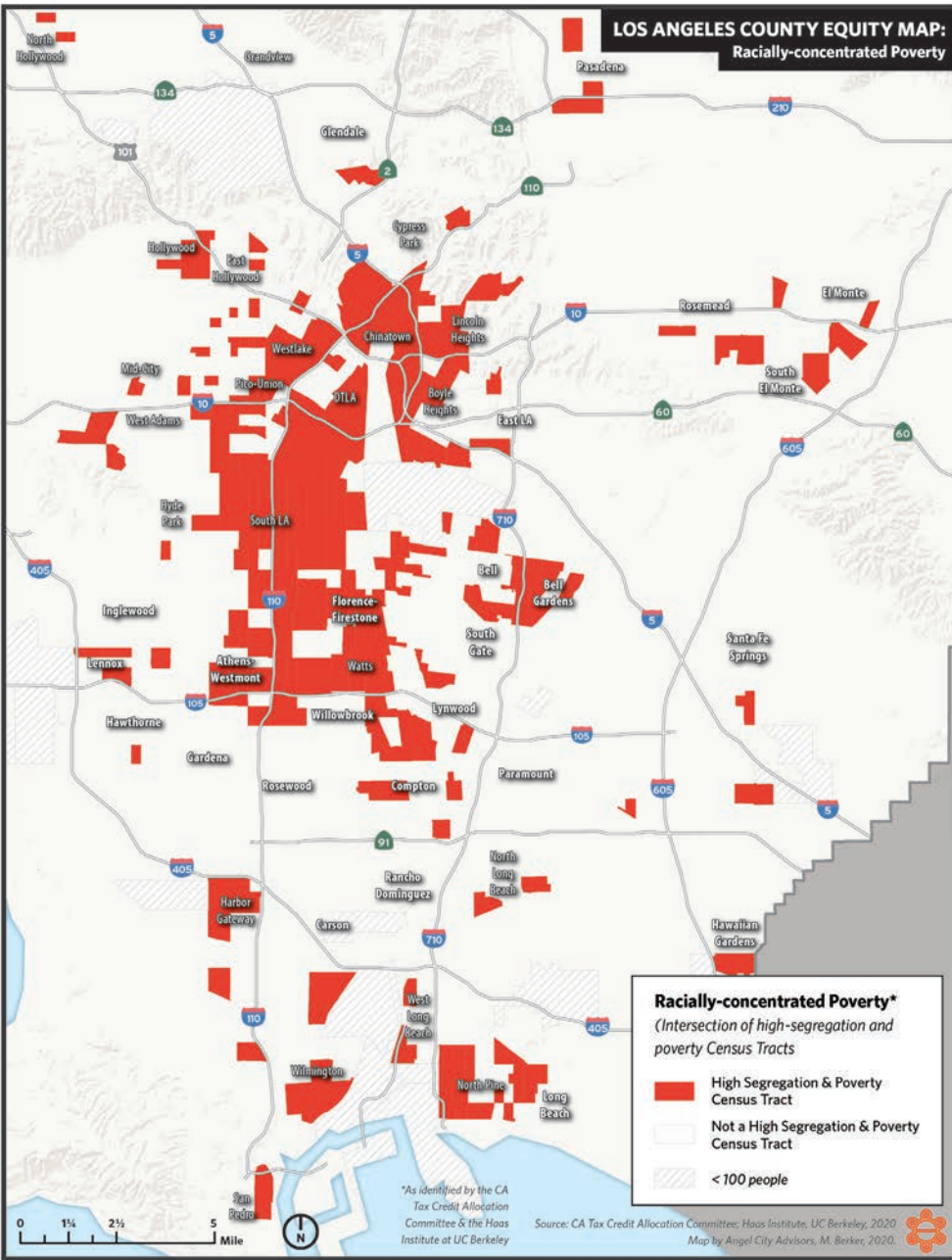


Source: Program for Environmental and Regional Equity (PERE) USC, 2020
Map by Angel City Advisors, M. Berker, 2020.

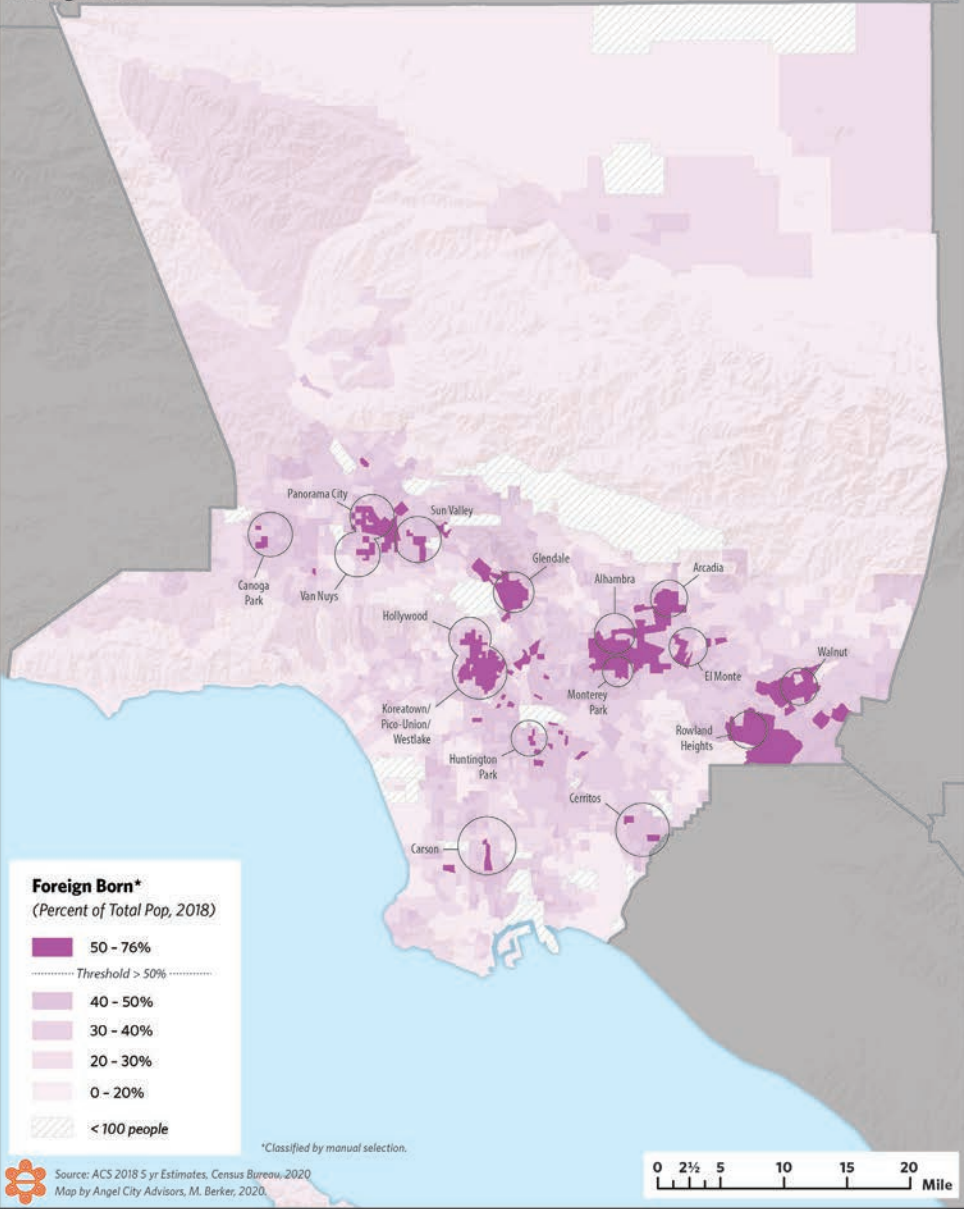
LOS ANGELES COUNTY EQUITY MAP: Racially-concentrated Poverty



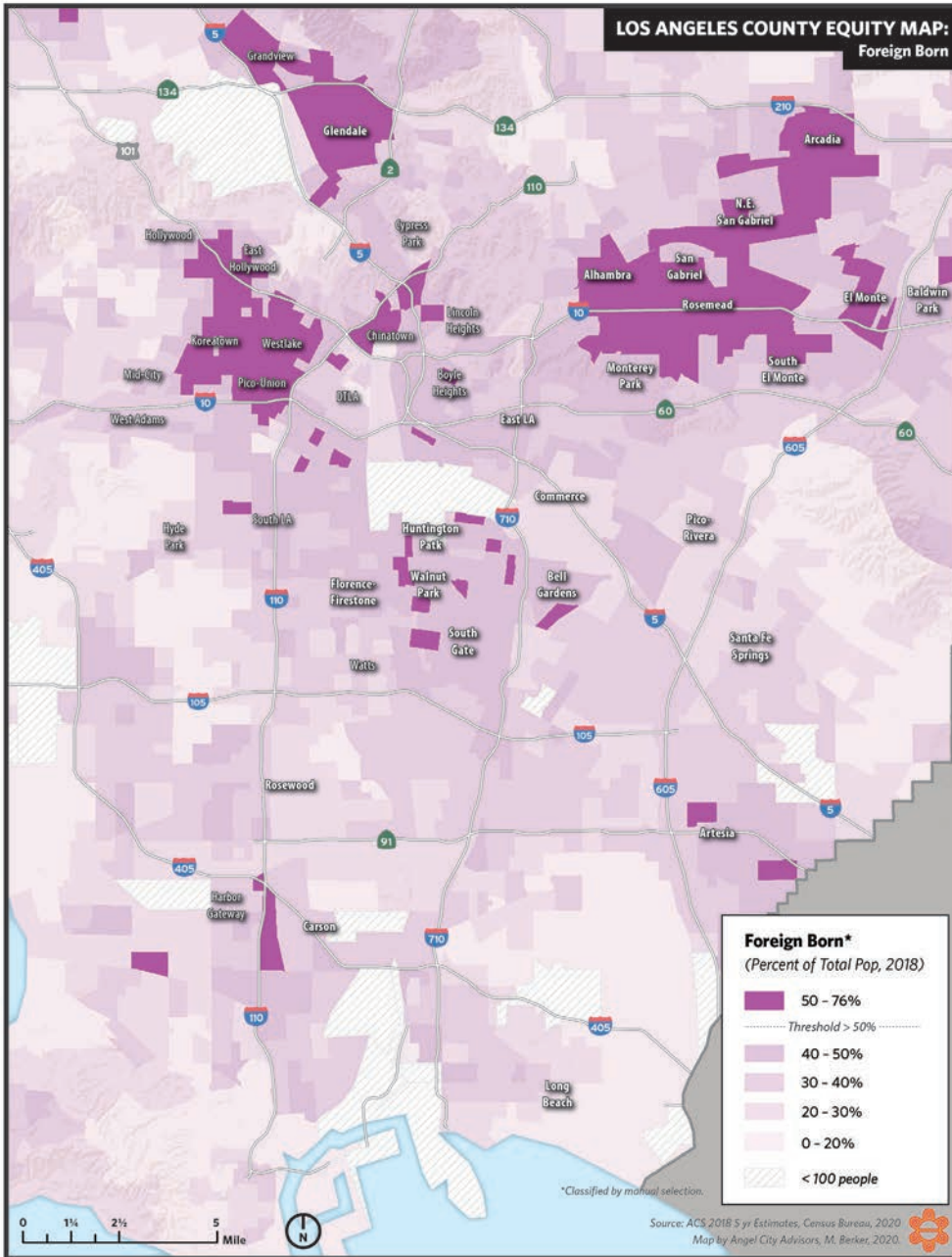
LOS ANGELES COUNTY EQUITY MAP: Racially-concentrated Poverty



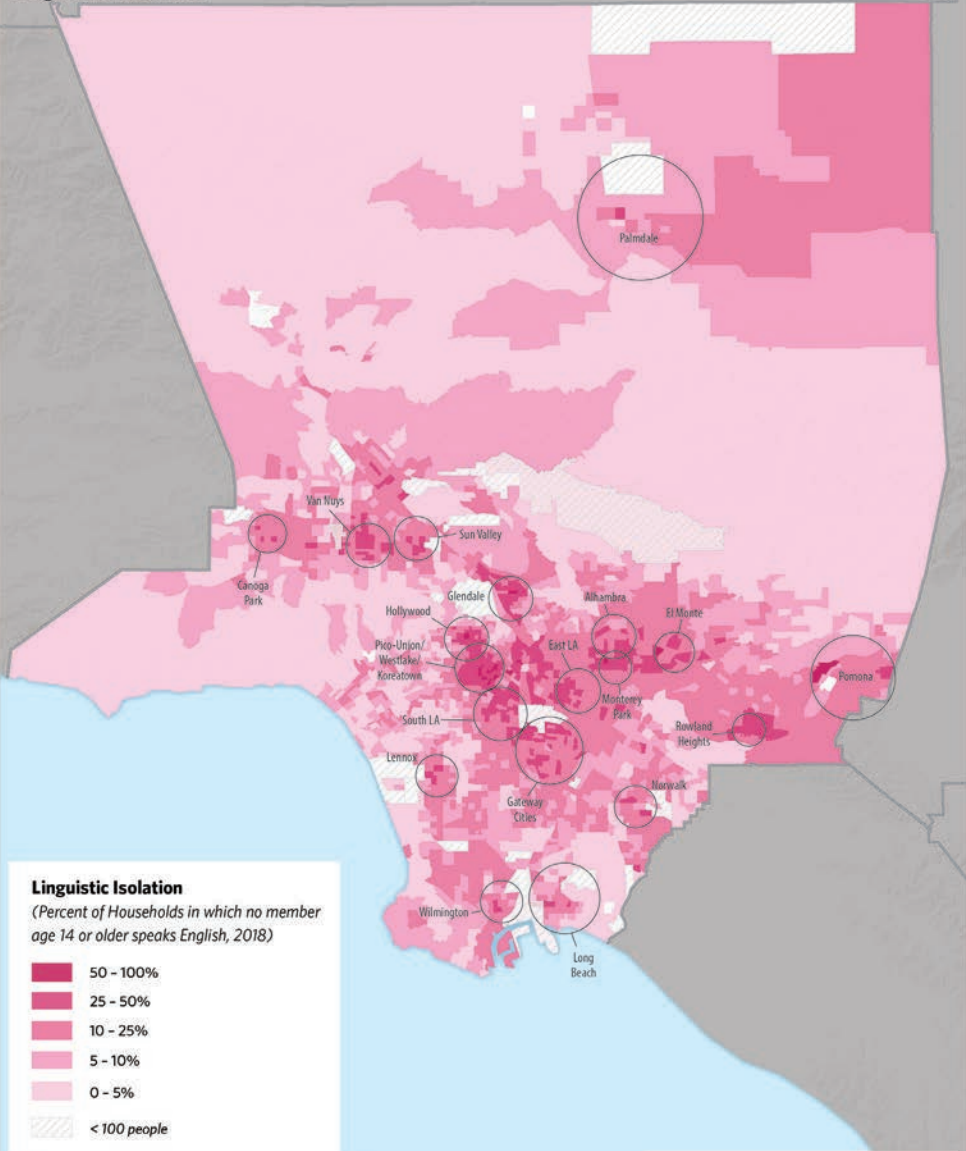
LOS ANGELES COUNTY EQUITY MAP: Foreign Born



LOS ANGELES COUNTY EQUITY MAP: Foreign Born



LOS ANGELES COUNTY EQUITY MAP: Linguistic Isolation

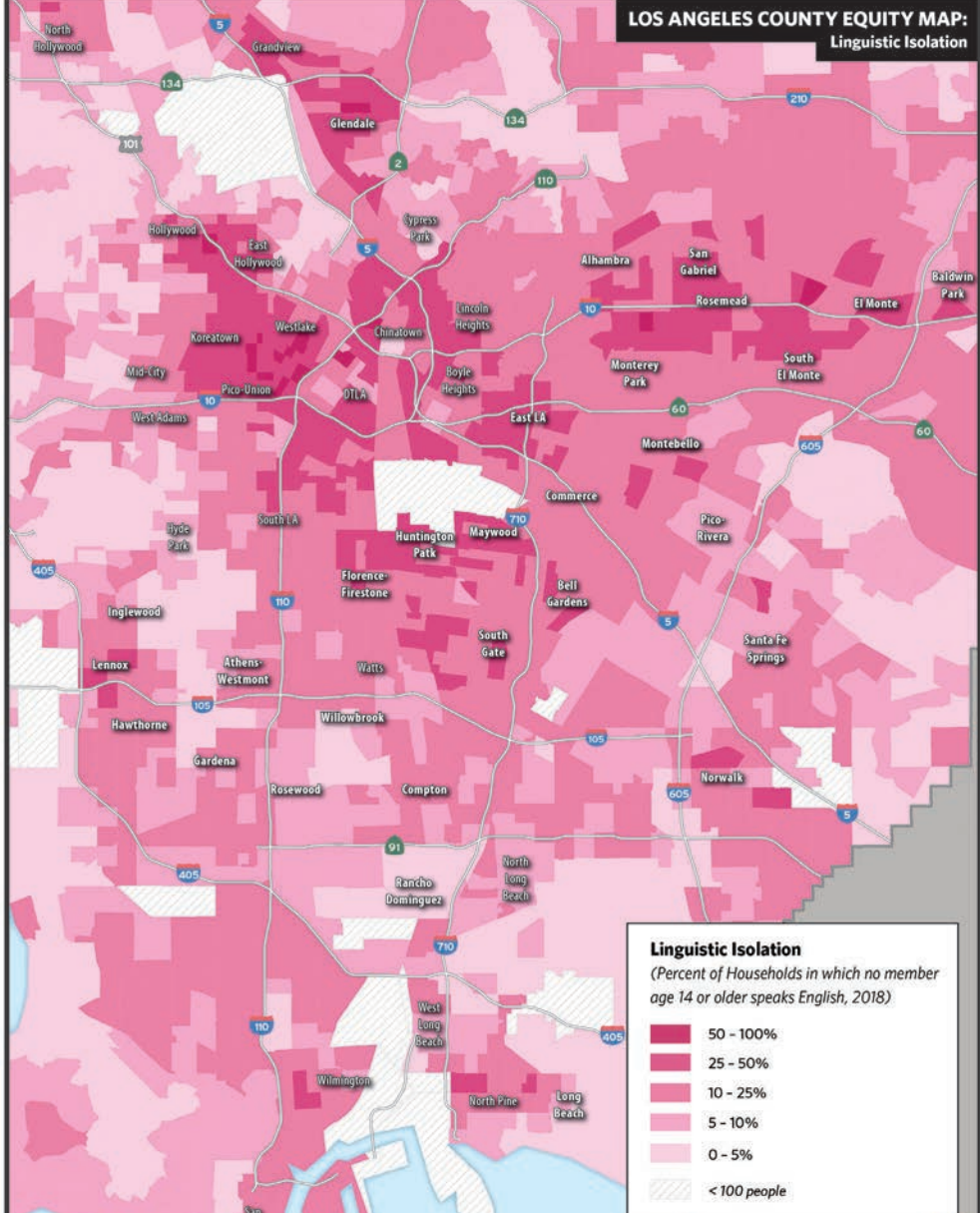


Linguistic Isolation
(Percent of Households in which no member age 14 or older speaks English, 2018)

- 50 - 100%
- 25 - 50%
- 10 - 25%
- 5 - 10%
- 0 - 5%
- < 100 people

Source: Program for Environmental and Regional Equity (PERE) USC, 2020
Map by Angel City Advisors, M. Berker, 2020.

LOS ANGELES COUNTY EQUITY MAP: Linguistic Isolation

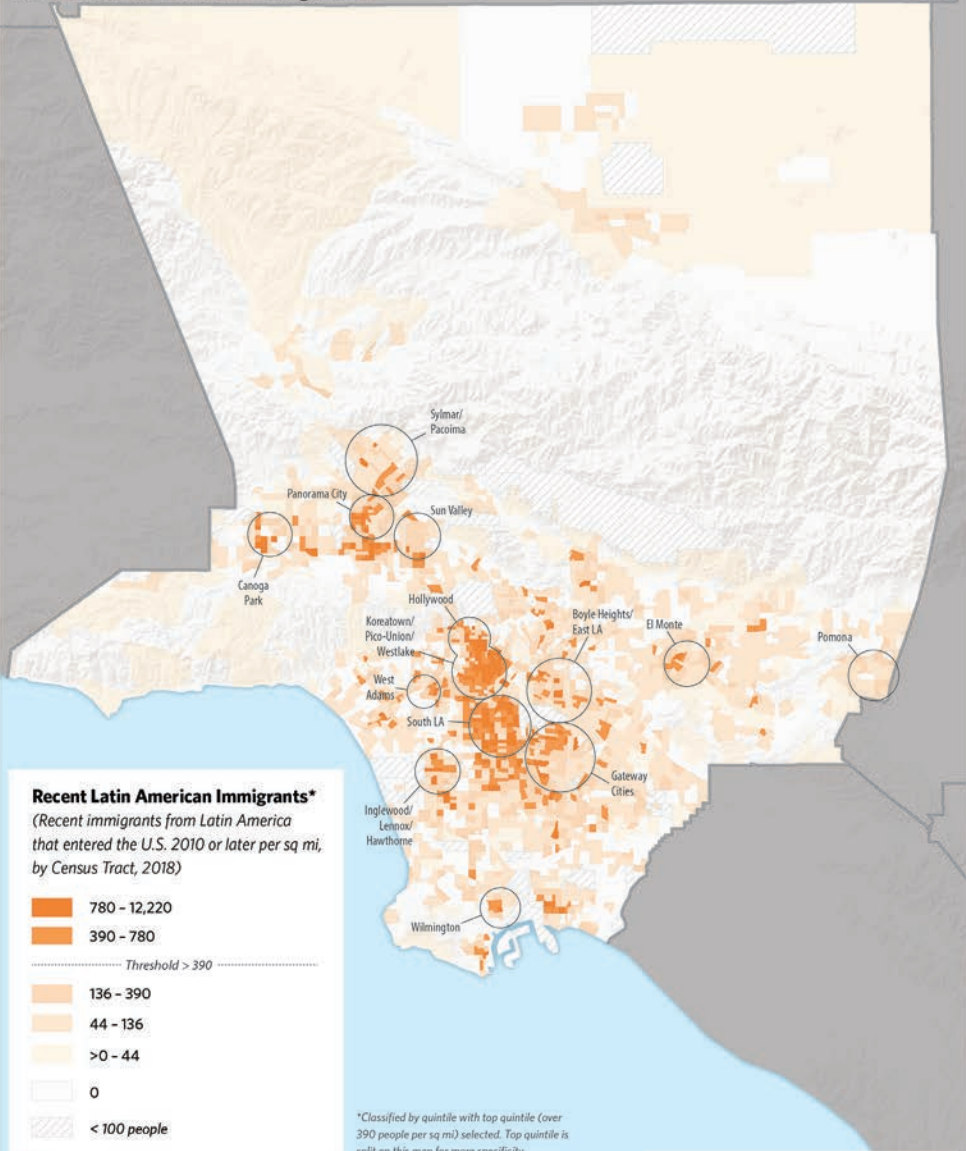


Linguistic Isolation
(Percent of Households in which no member age 14 or older speaks English, 2018)

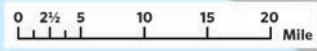
- 50 - 100%
- 25 - 50%
- 10 - 25%
- 5 - 10%
- 0 - 5%
- < 100 people

Source: Program for Environmental and Regional Equity (PERE) USC, 2020
Map by Angel City Advisors, M. Berker, 2020.

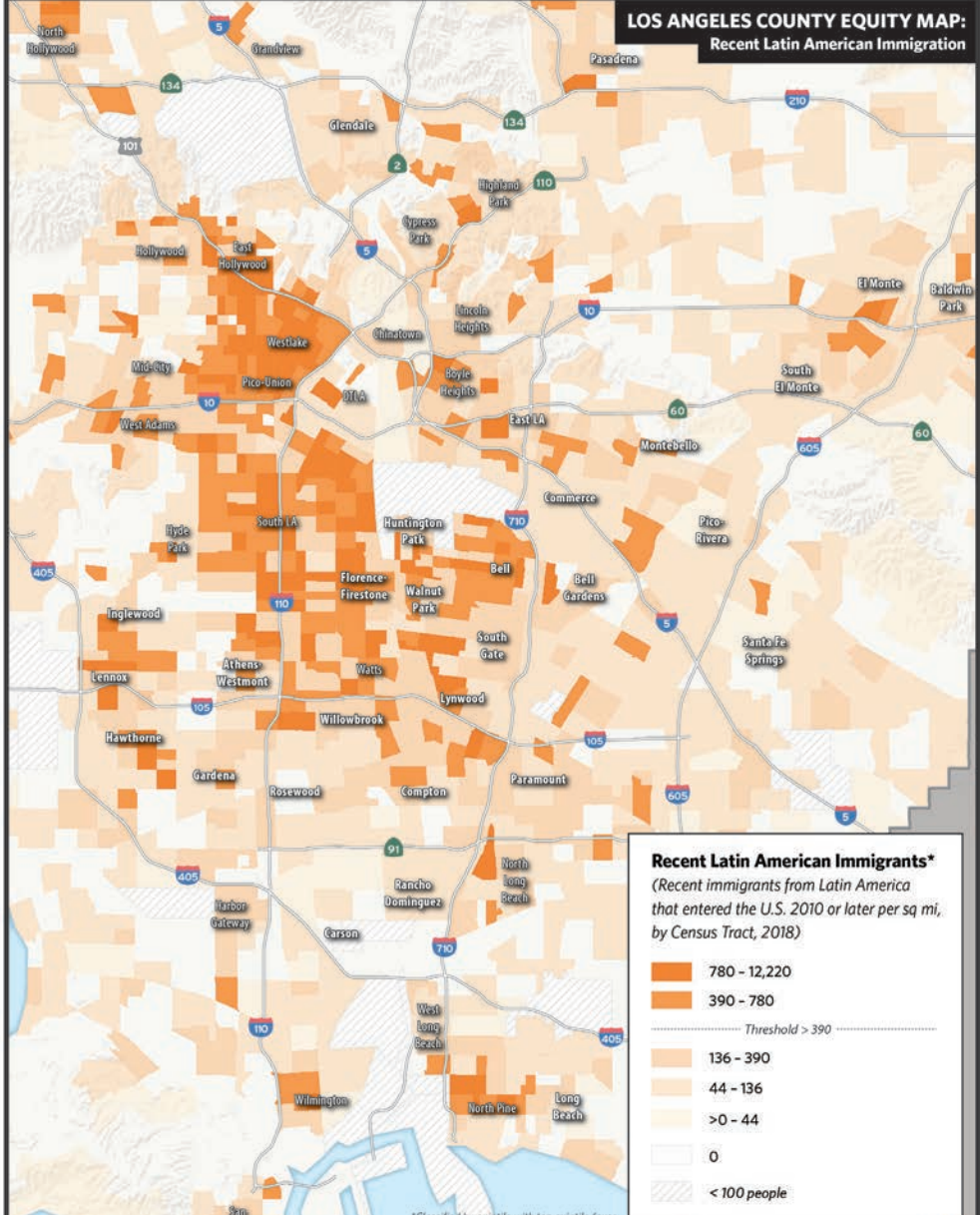
LOS ANGELES COUNTY EQUITY MAP: Recent Latin American Immigration



Source: ACS 2018 5 yr Estimates, Census Bureau, 2020
Map by Angel City Advisors, M. Berker, 2020.



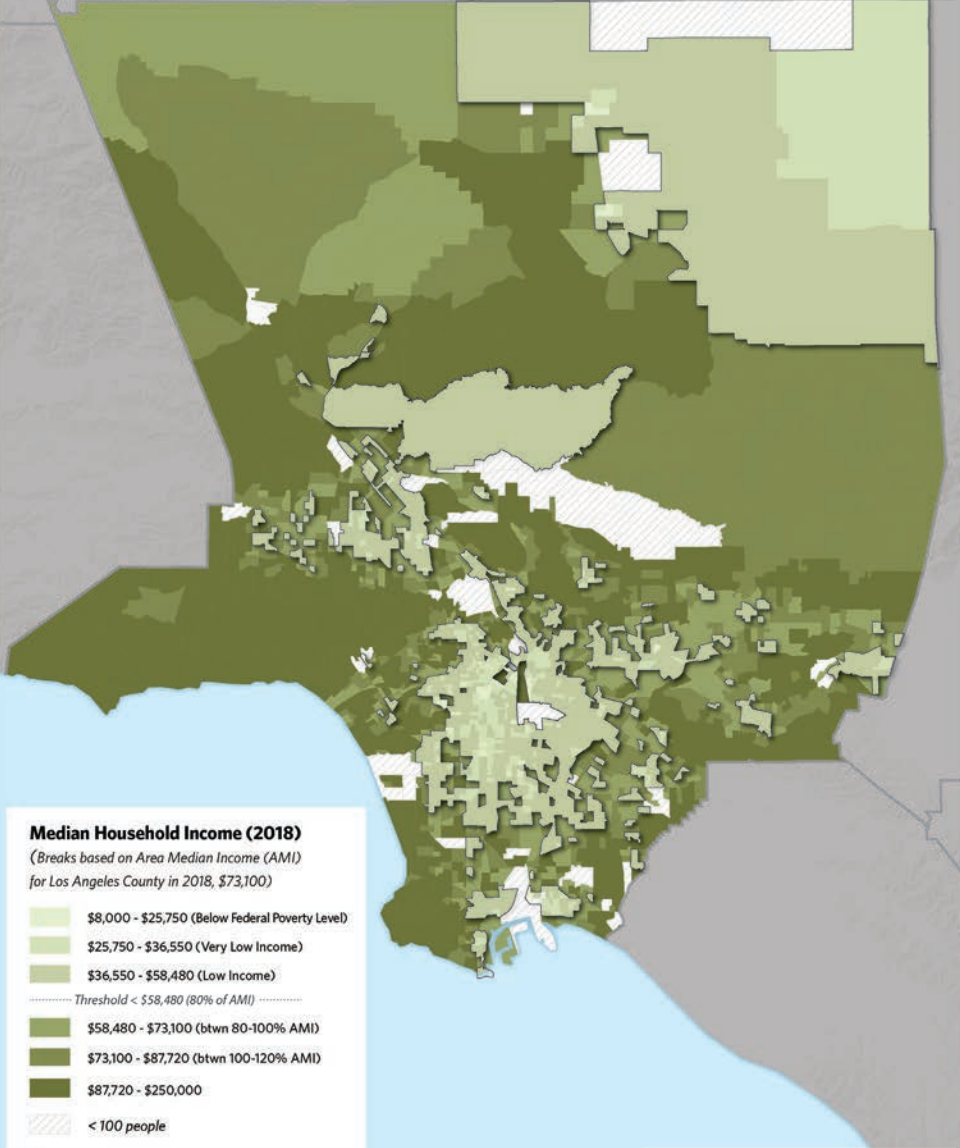
LOS ANGELES COUNTY EQUITY MAP: Recent Latin American Immigration



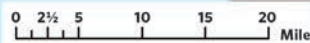
Source: ACS 2018 5 yr Estimates, Census Bureau, 2020
Map by Angel City Advisors, M. Berker, 2020.



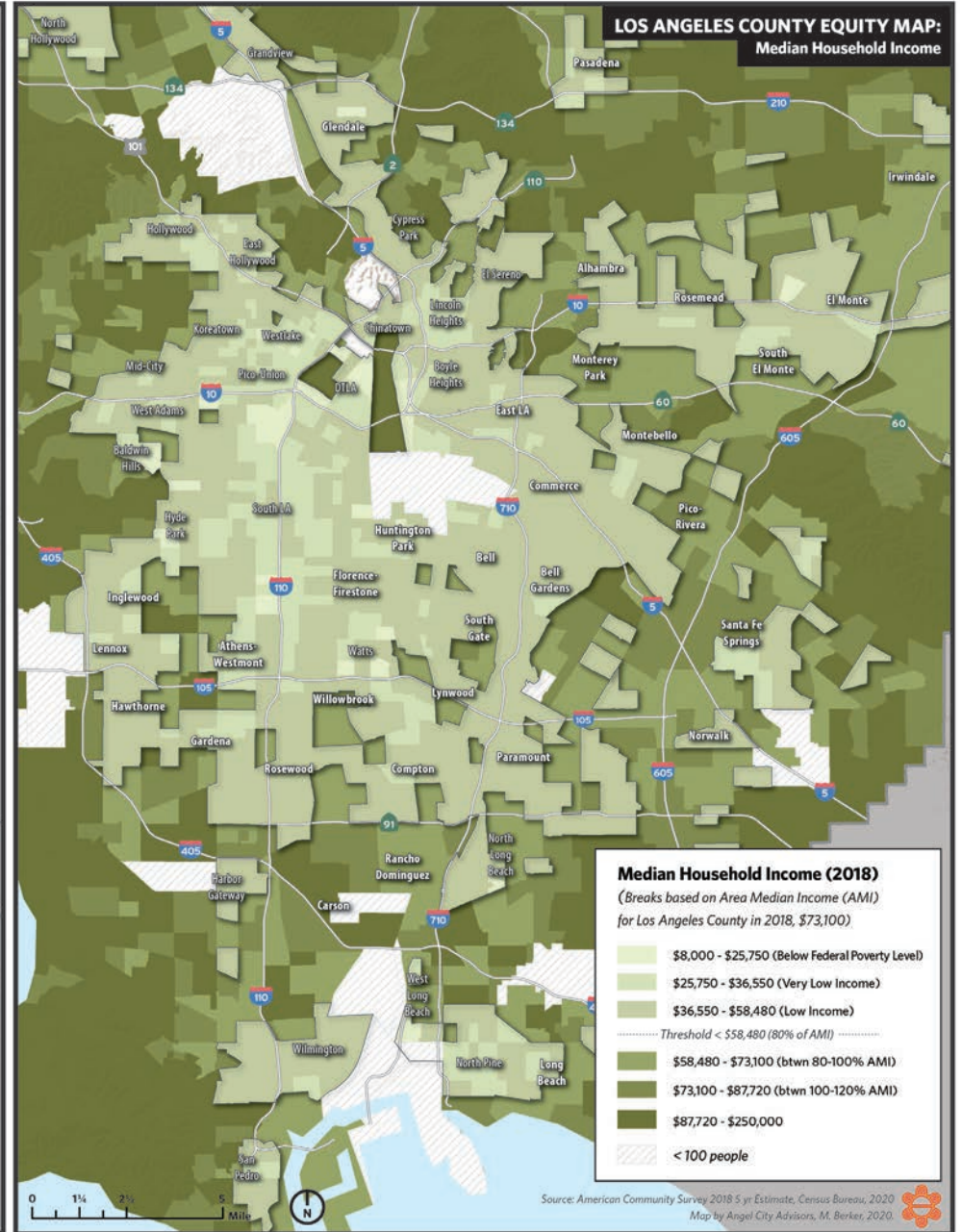
**L.A. COUNTY NEEDS ASSESSMENT:
Median Household Income**



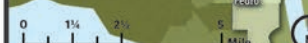
Source: American Community Survey 2018 5 yr Estimate, Census Bureau, 2020
Map by Angel City Advisors, M. Berke, 2020



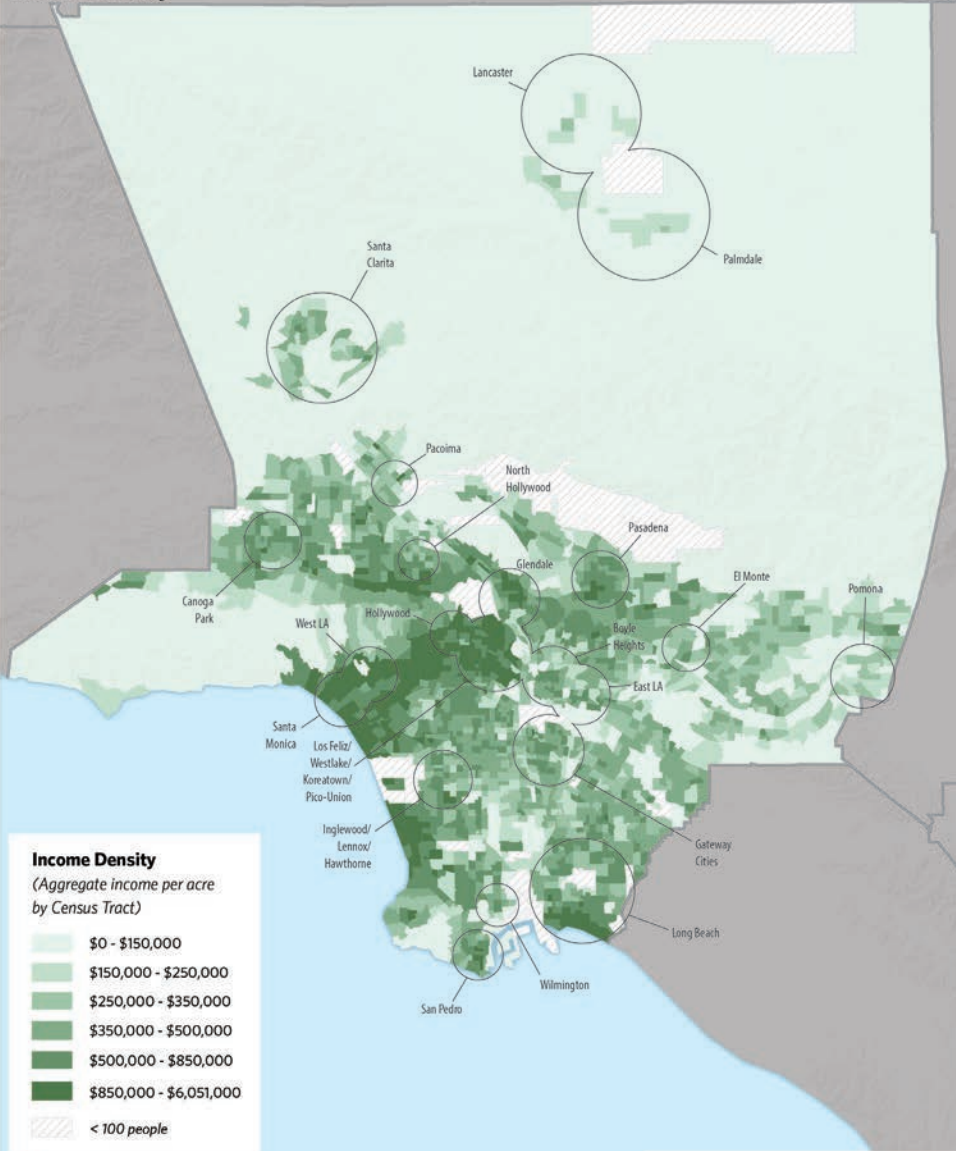
**LOS ANGELES COUNTY EQUITY MAP:
Median Household Income**



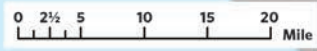
Source: American Community Survey 2018 5 yr Estimate, Census Bureau, 2020
Map by Angel City Advisors, M. Berke, 2020



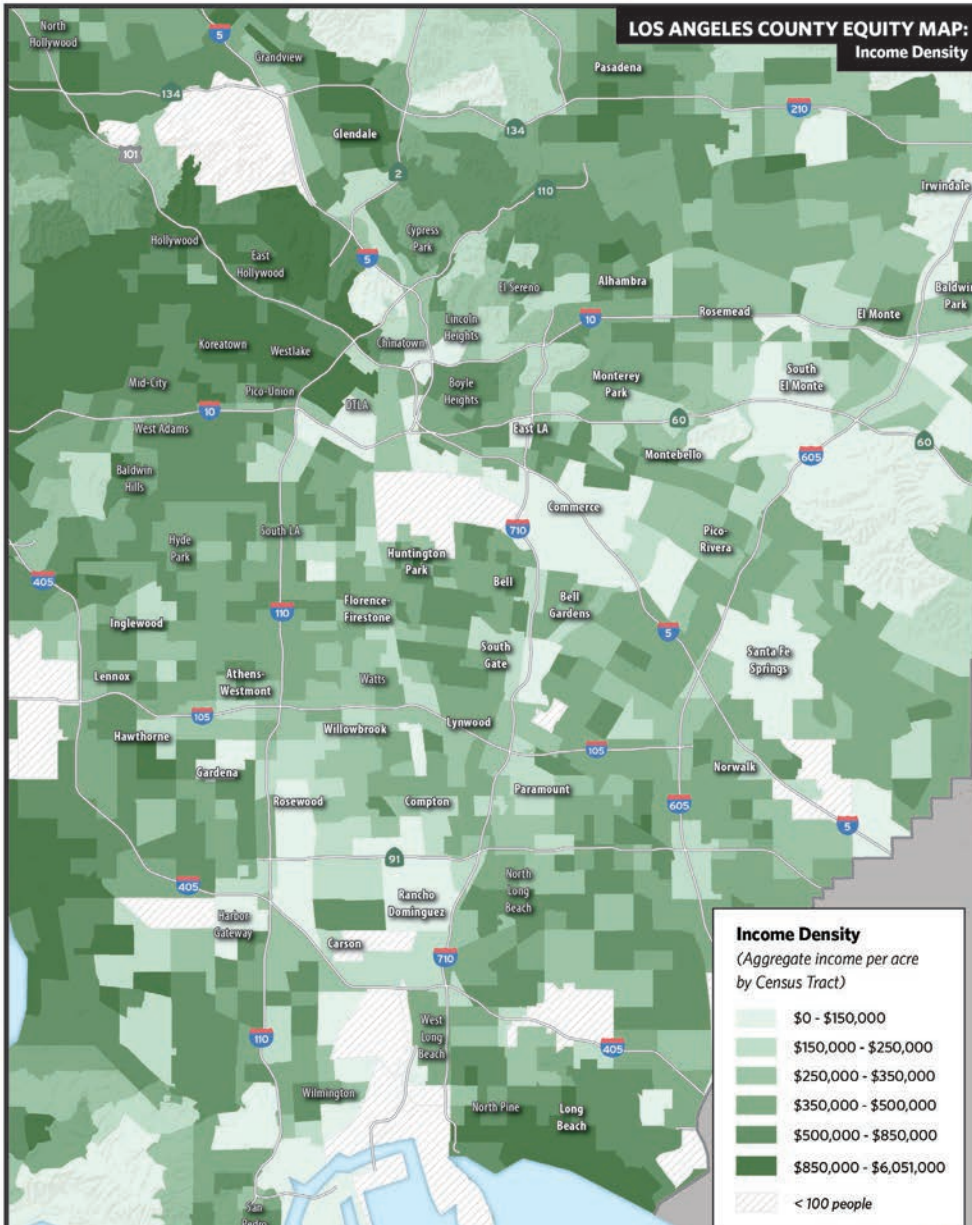
LOS ANGELES COUNTY EQUITY MAP: Income Density



Source: ACS 2018 5 yr Estimates, Census Bureau, 2020
Map by Angel City Advisors, M. Berker, 2020.



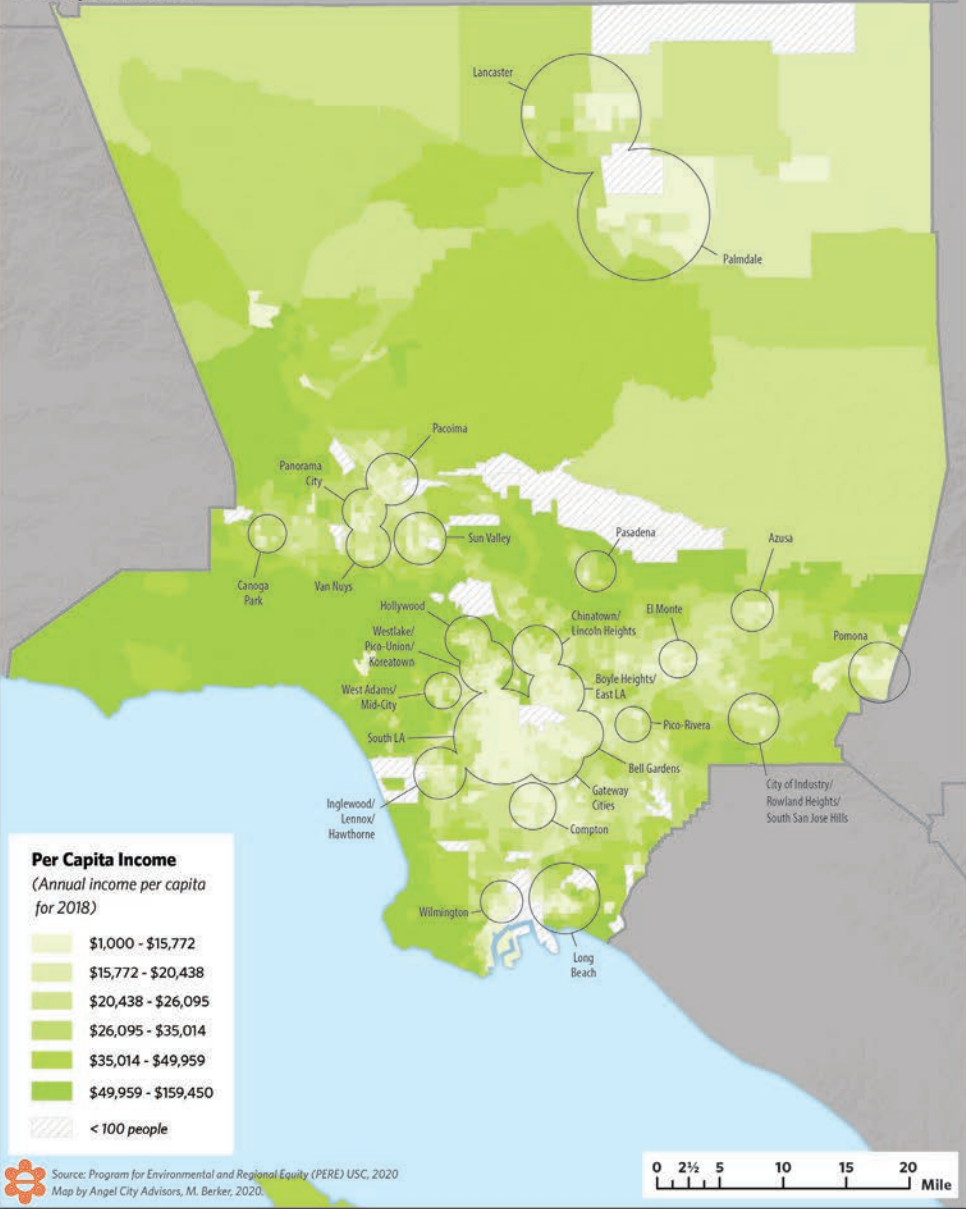
LOS ANGELES COUNTY EQUITY MAP: Income Density



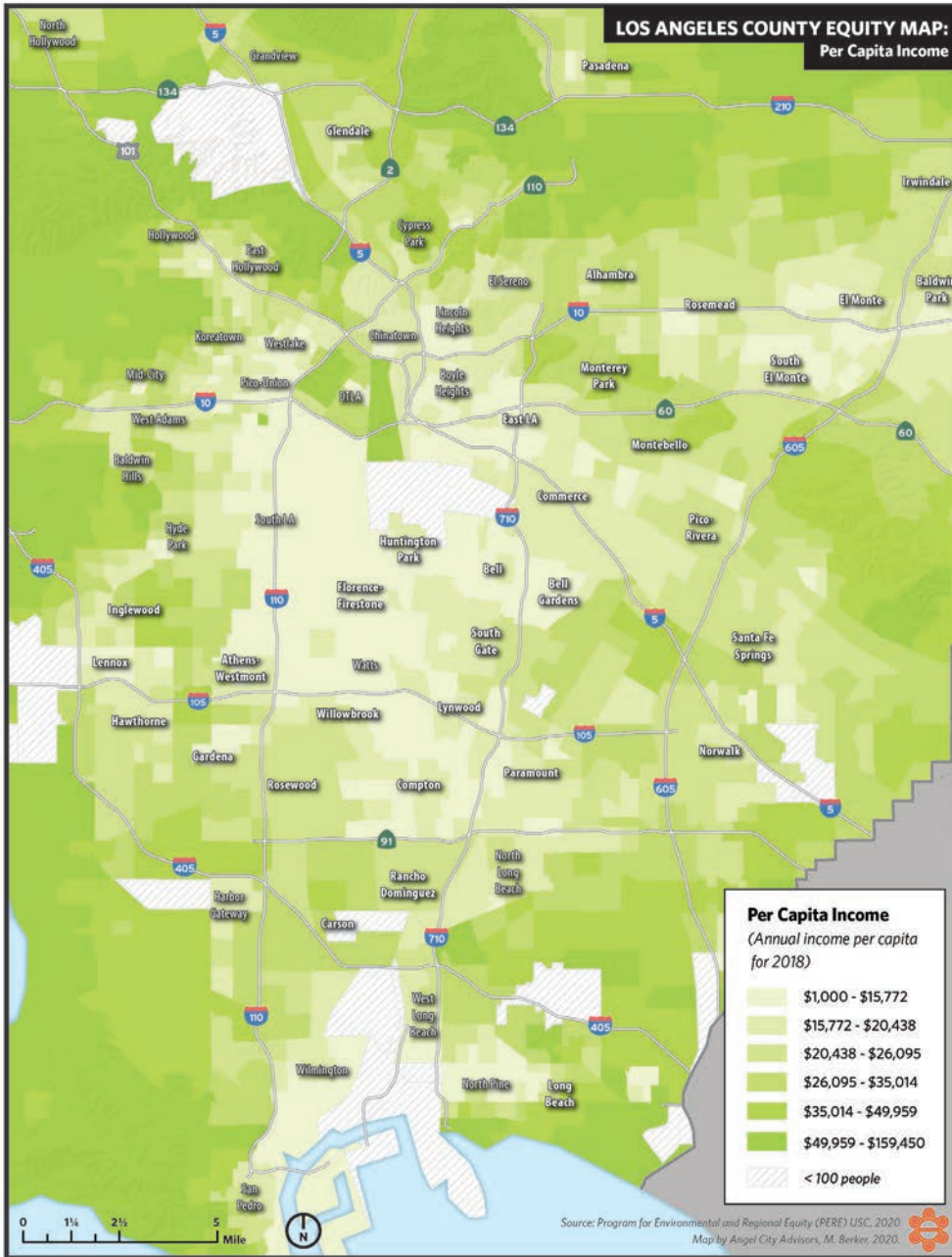
Source: ACS 2018 5 yr Estimates, Census Bureau, 2020
Map by Angel City Advisors, M. Berker, 2020.



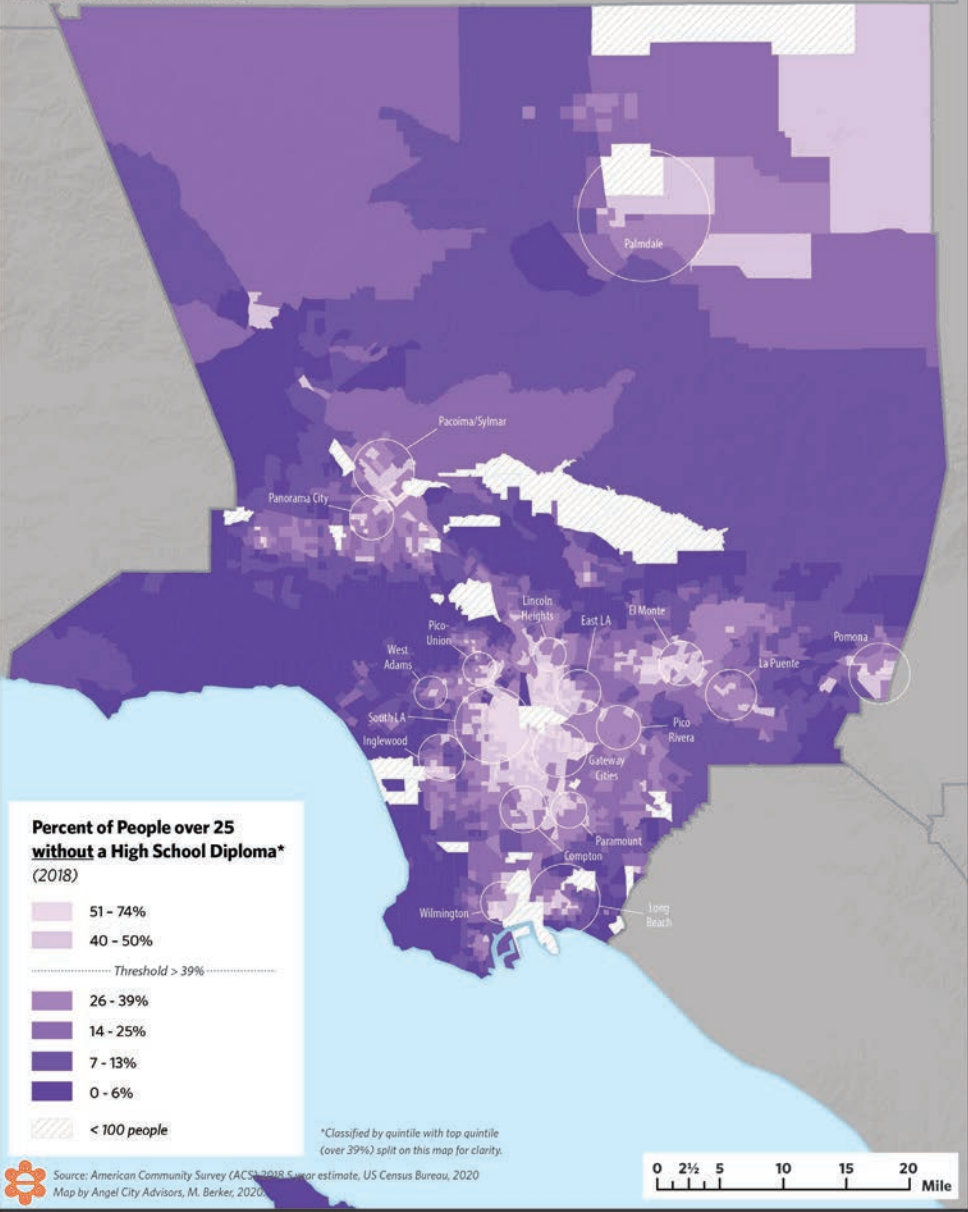
LOS ANGELES COUNTY EQUITY MAP: Per Capita Income



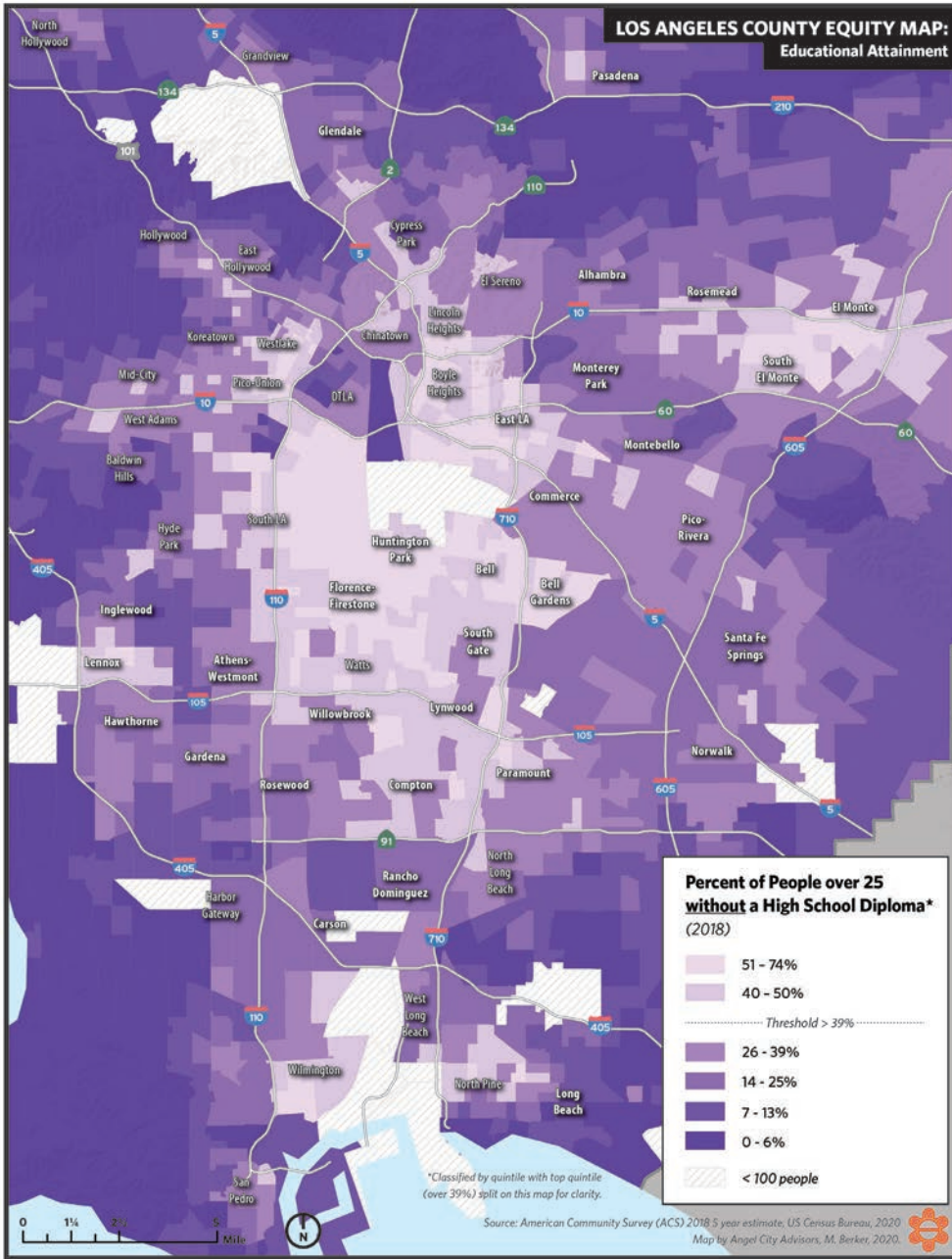
LOS ANGELES COUNTY EQUITY MAP: Per Capita Income



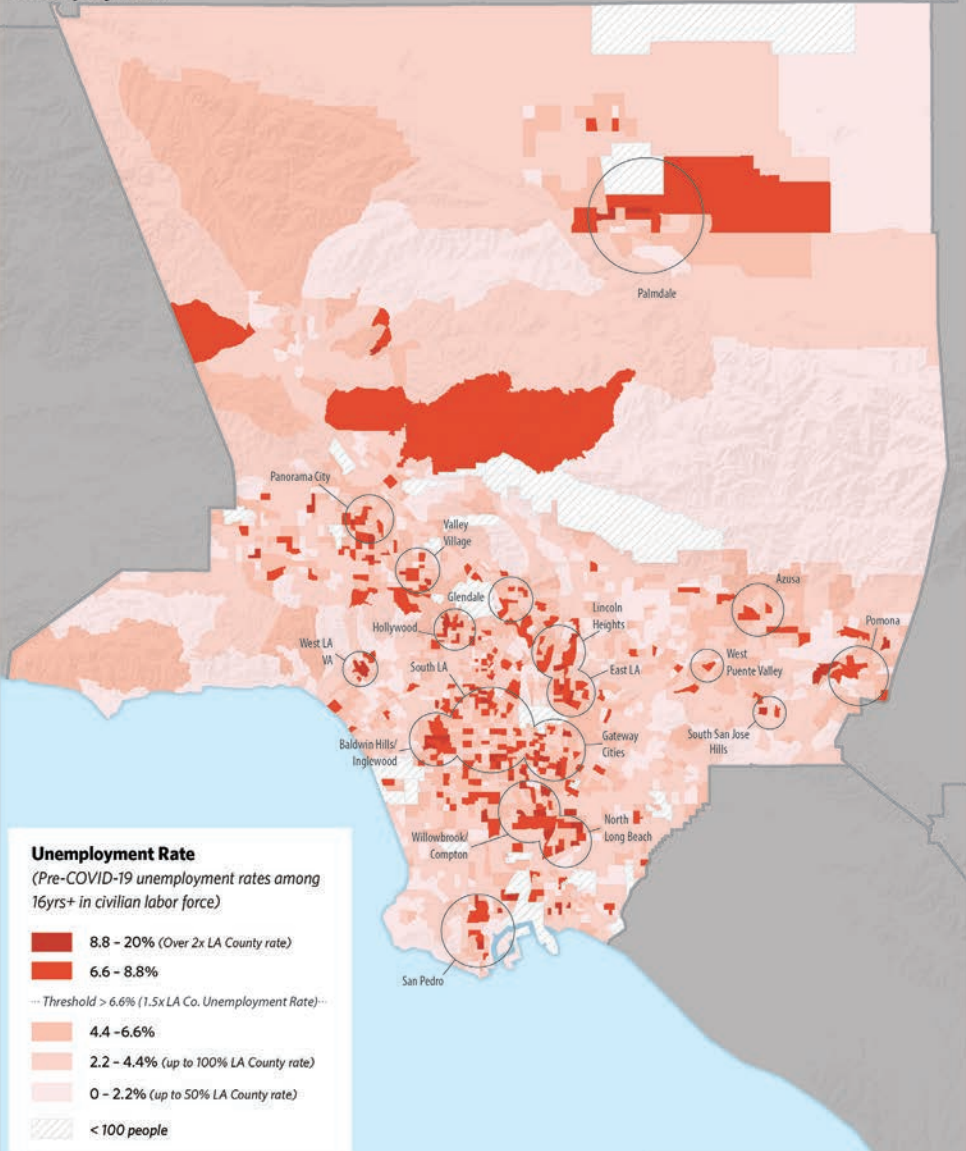
LOS ANGELES COUNTY EQUITY MAP: Educational Attainment



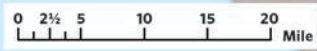
LOS ANGELES COUNTY EQUITY MAP: Educational Attainment



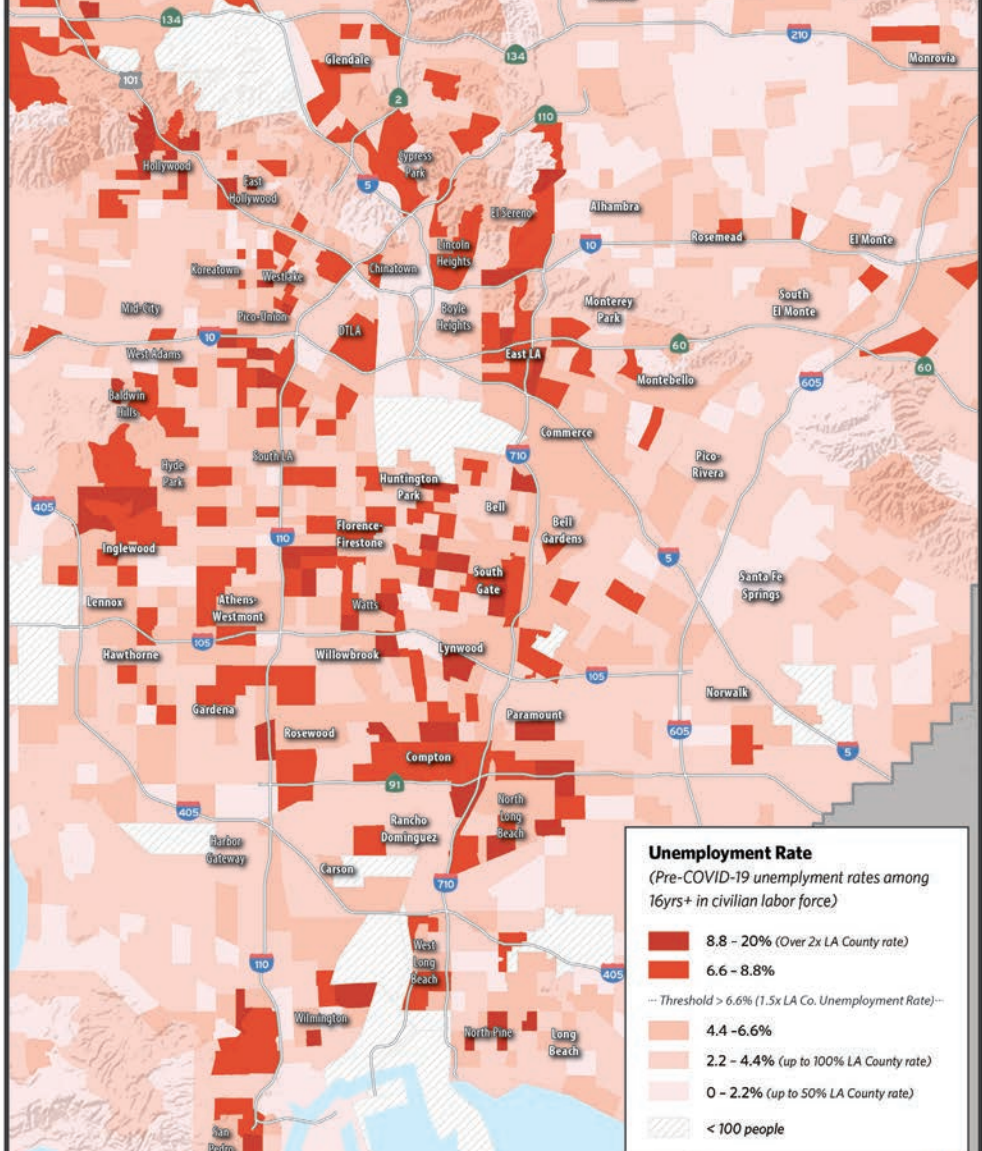
LOS ANGELES COUNTY EQUITY MAP: Unemployment



Source: American Community Survey (ACS) 2018 5 year estimate, US Census Bureau, 2020
Map by Angel City Advisors, M. Berkey, 2020.



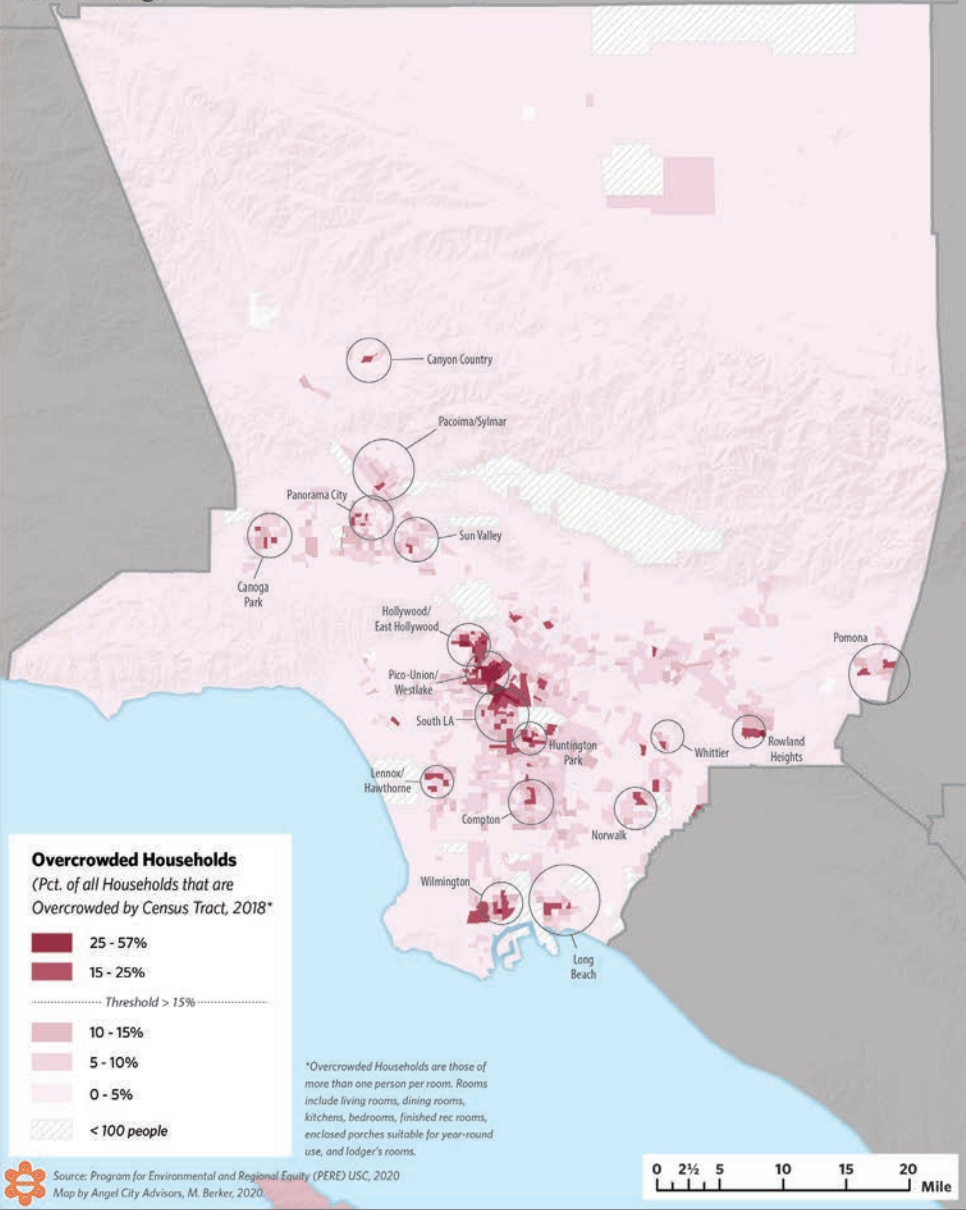
LOS ANGELES COUNTY EQUITY MAP: Unemployment



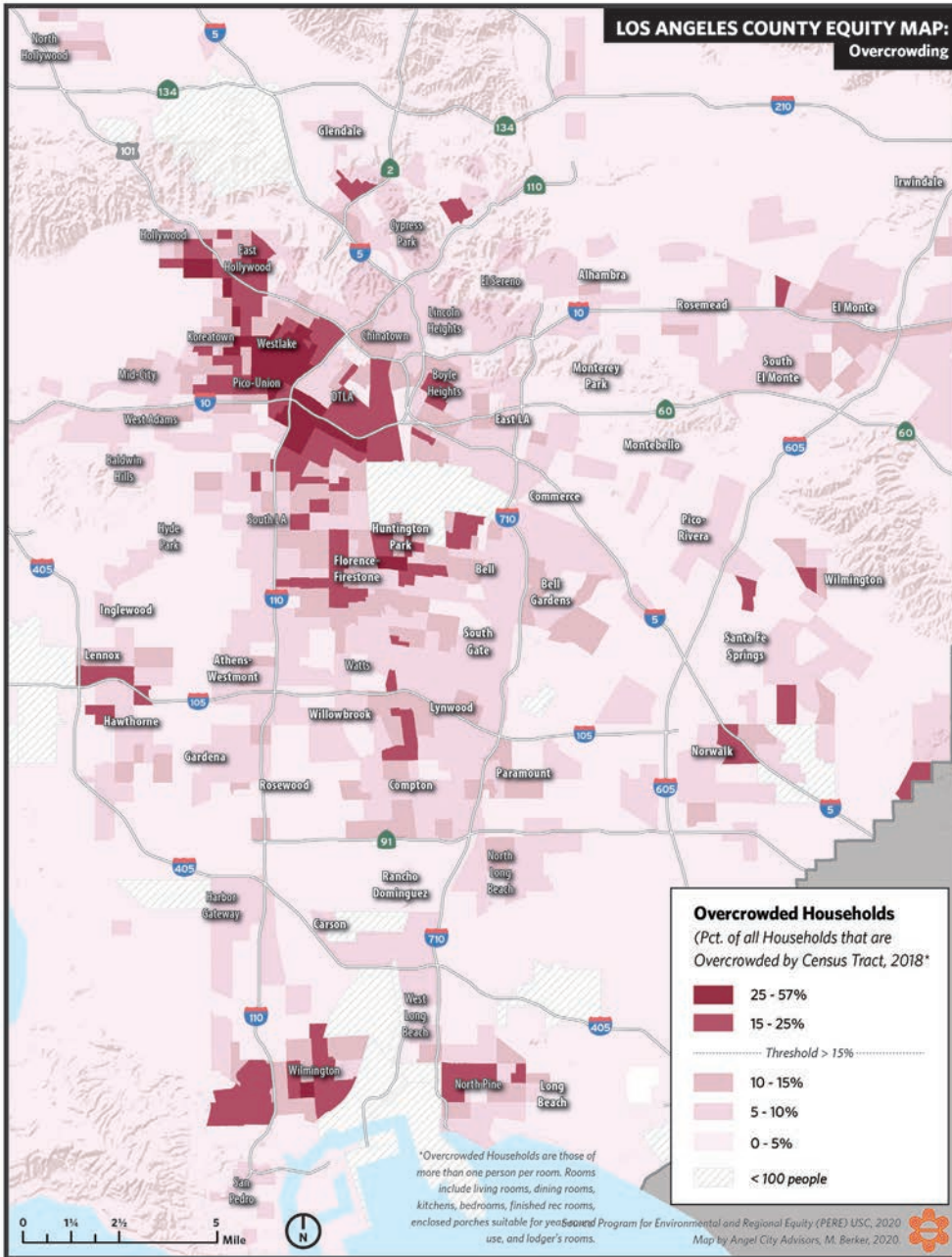
Source: American Community Survey (ACS) 2018 5 year estimate, US Census Bureau, 2020
Map by Angel City Advisors, M. Berkey, 2020.



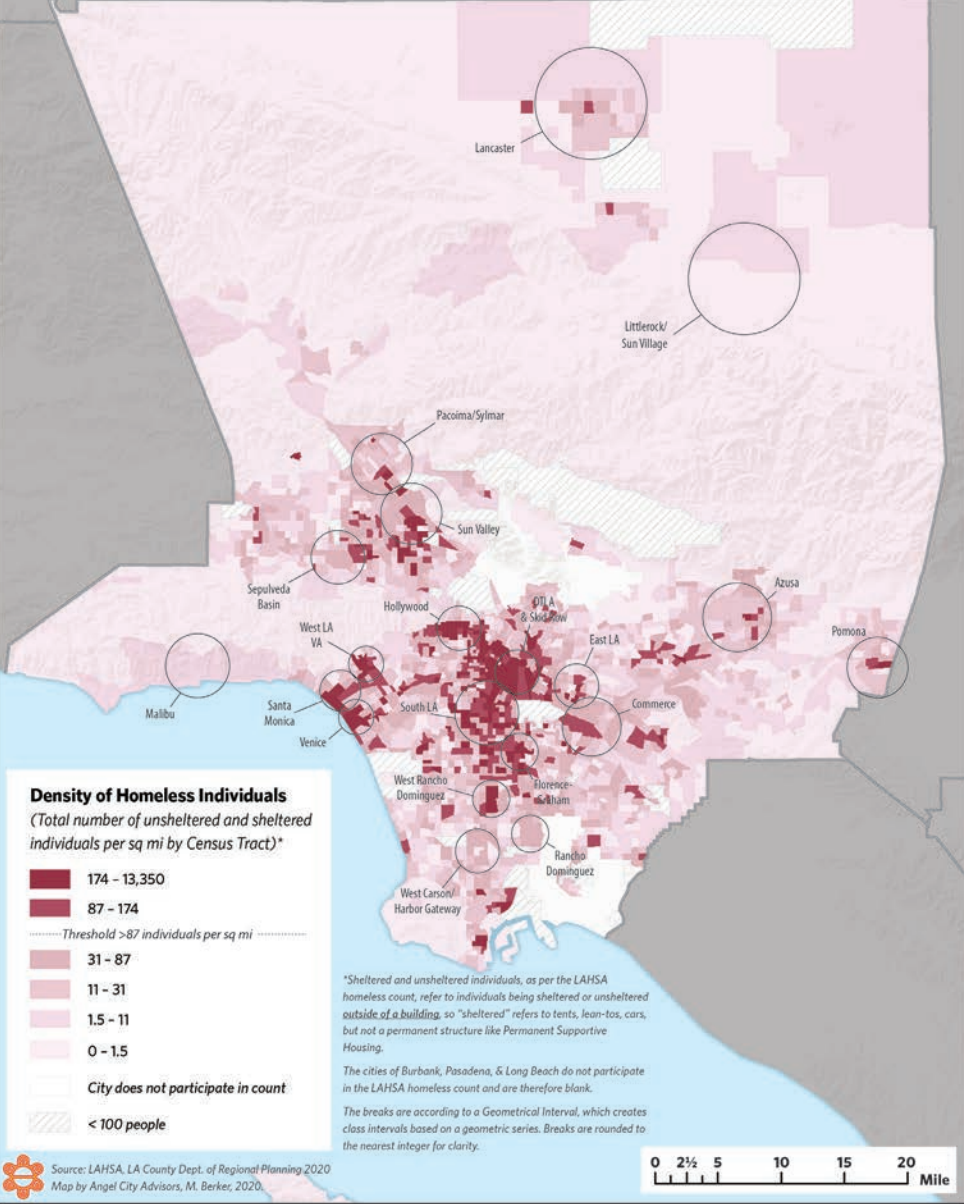
LOS ANGELES COUNTY EQUITY MAP: Overcrowding



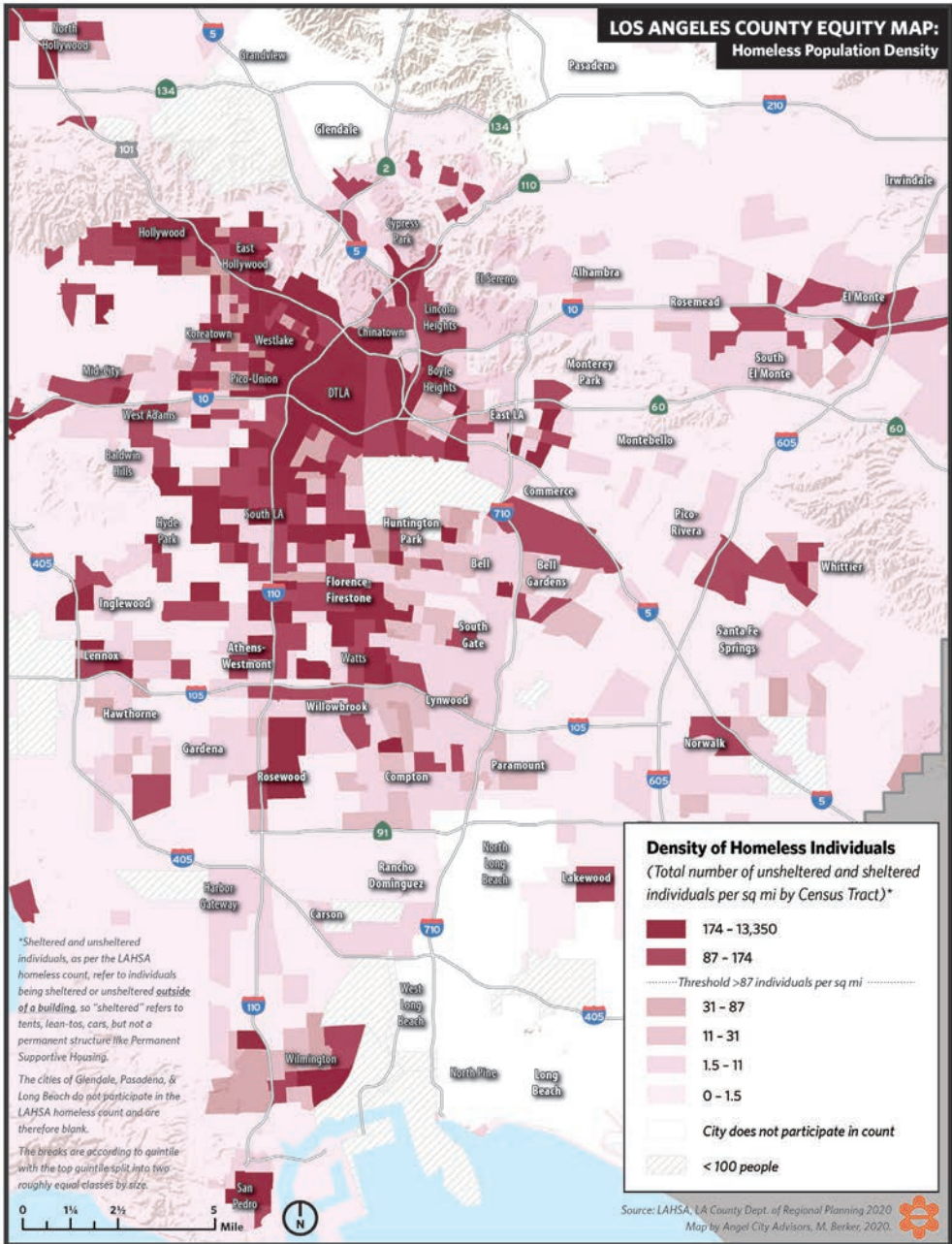
LOS ANGELES COUNTY EQUITY MAP: Overcrowding



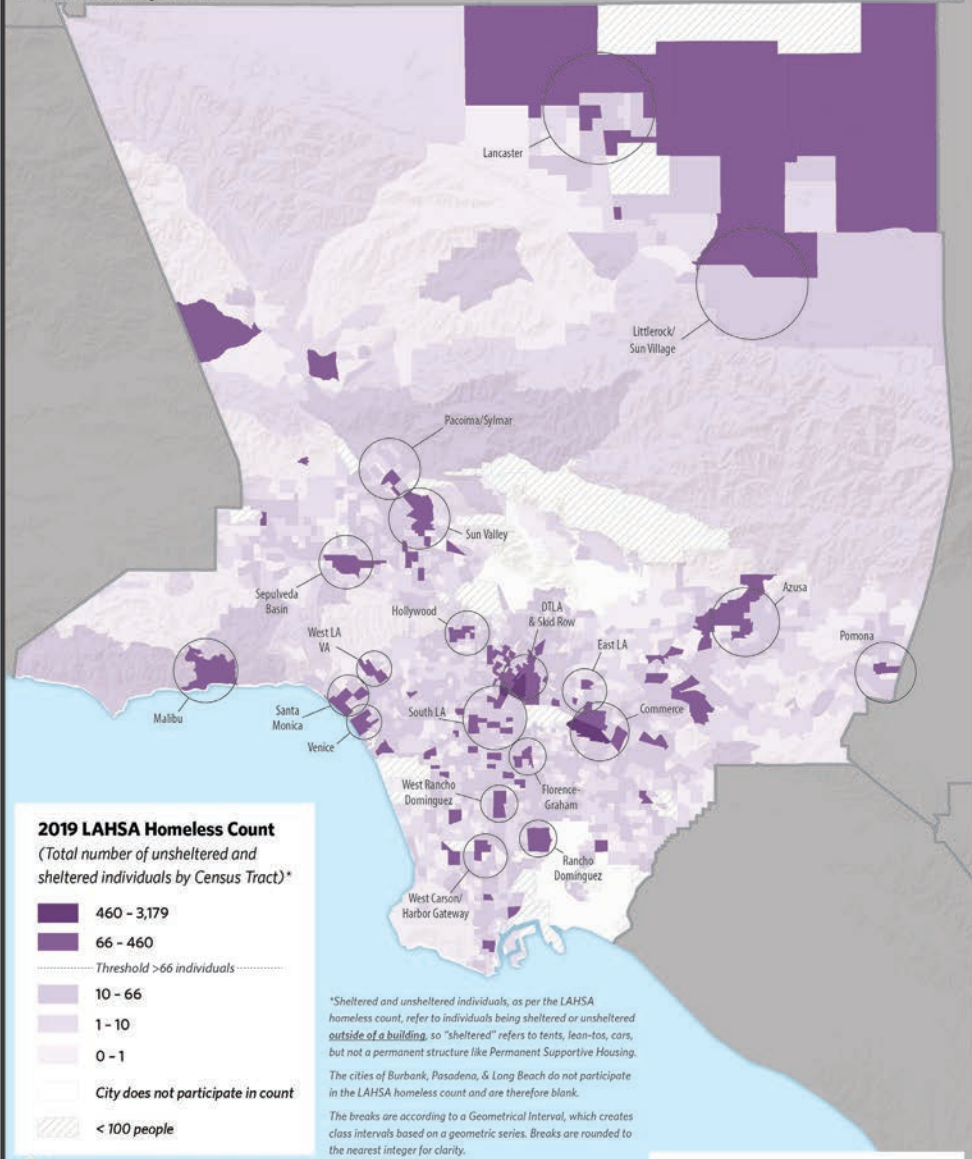
LOS ANGELES COUNTY EQUITY MAP: Homeless Population Density



LOS ANGELES COUNTY EQUITY MAP: Homeless Population Density



LOS ANGELES COUNTY EQUITY MAP: Homeless Population

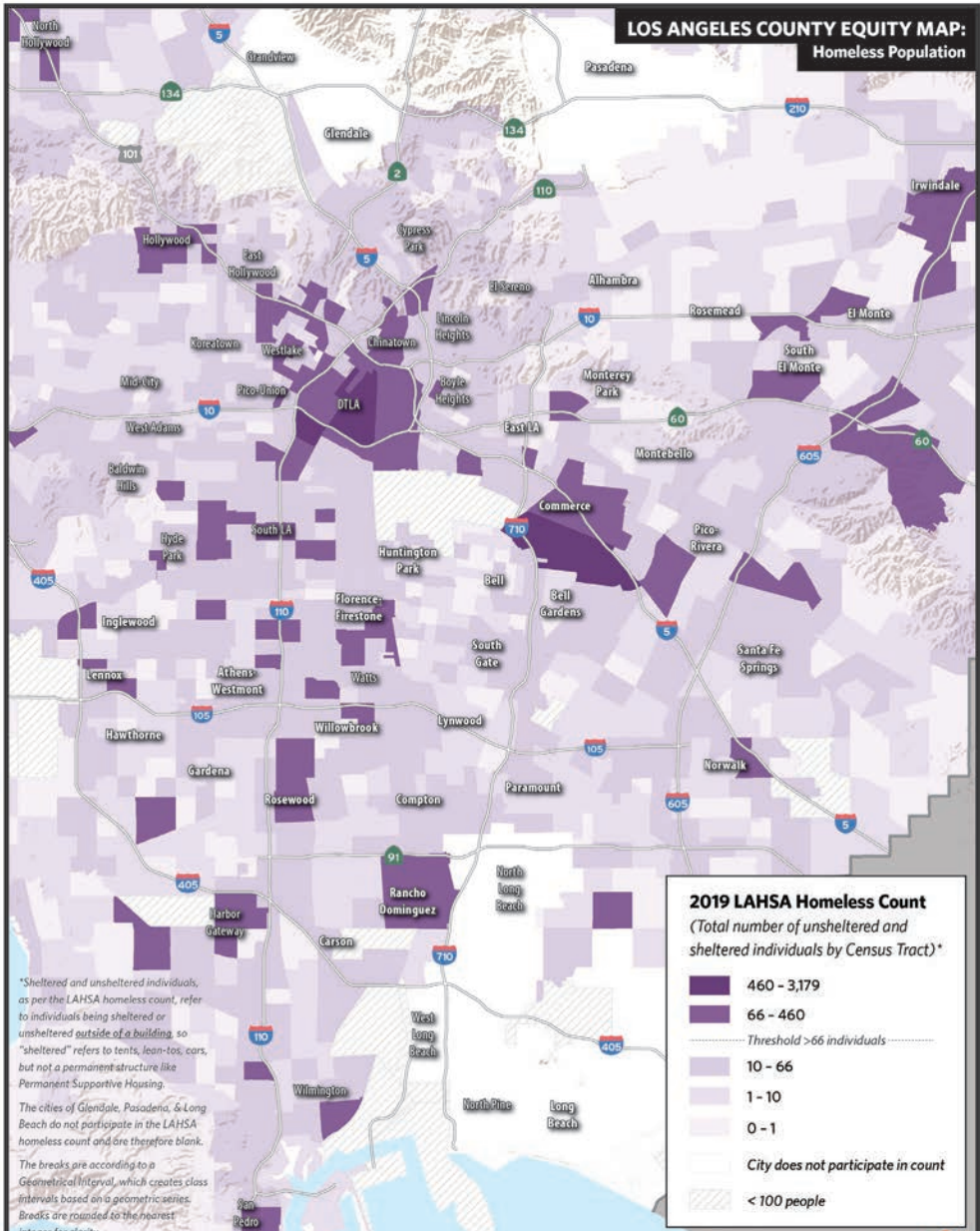


2019 LAHSA Homeless Count
(Total number of unsheltered and sheltered individuals by Census Tract)*

- 460 - 3,179
- 66 - 460
- Threshold >66 individuals -----
- 10 - 66
- 1 - 10
- 0 - 1
- City does not participate in count
- < 100 people

*Sheltered and unsheltered individuals, as per the LAHSA homeless count, refer to individuals being sheltered or unsheltered outside of a building, so "sheltered" refers to tents, lean-tos, cars, but not a permanent structure like Permanent Supportive Housing. The cities of Burbank, Pasadena, & Long Beach do not participate in the LAHSA homeless count and are therefore blank. The breaks are according to a Geometrical Interval, which creates class intervals based on a geometric series. Breaks are rounded to the nearest integer for clarity.

LOS ANGELES COUNTY EQUITY MAP: Homeless Population

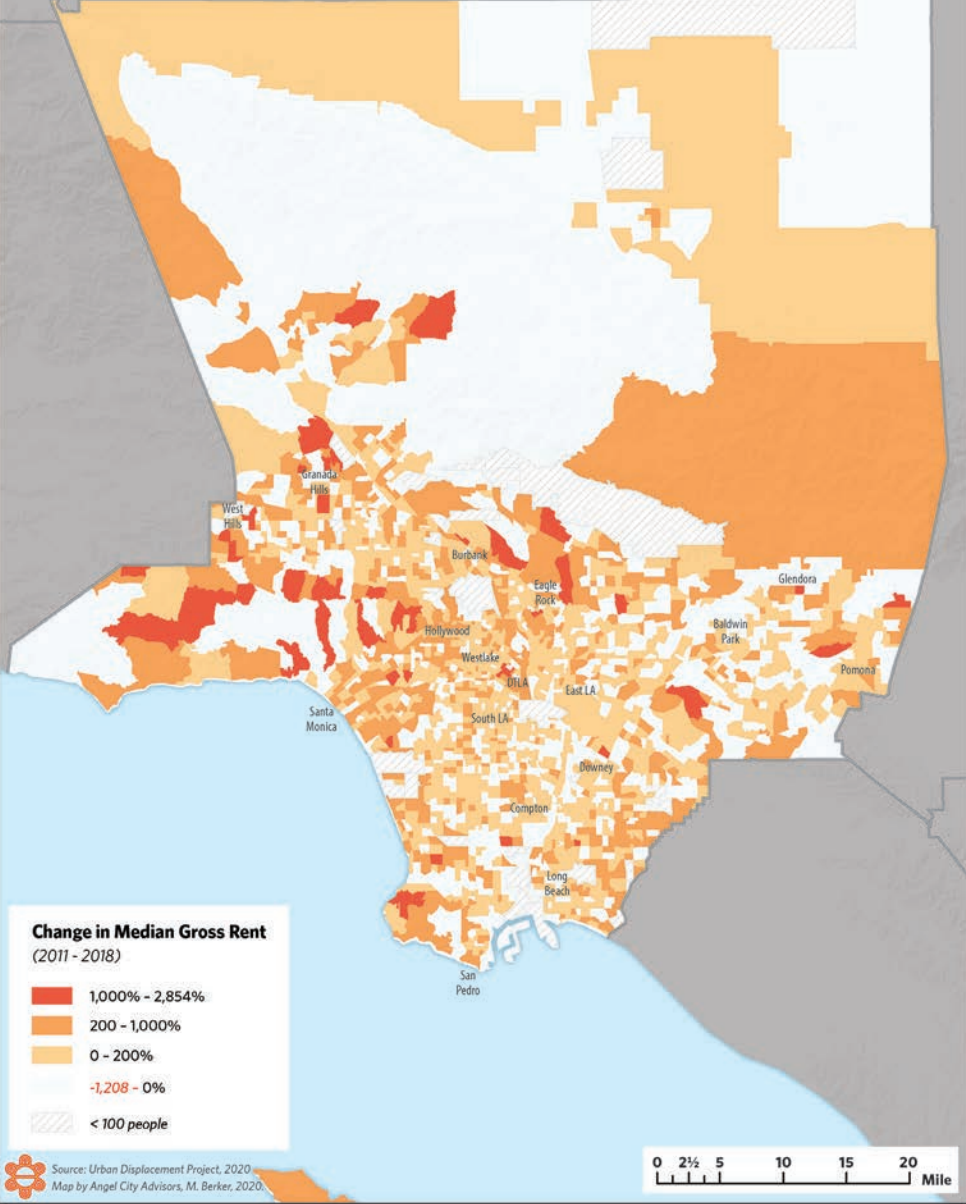


*Sheltered and unsheltered individuals, as per the LAHSA homeless count, refer to individuals being sheltered or unsheltered outside of a building, so "sheltered" refers to tents, lean-tos, cars, but not a permanent structure like Permanent Supportive Housing. The cities of Glendale, Pasadena, & Long Beach do not participate in the LAHSA homeless count and are therefore blank. The breaks are according to a Geometrical Interval, which creates class intervals based on a geometric series. Breaks are rounded to the nearest integer for clarity.

2019 LAHSA Homeless Count
(Total number of unsheltered and sheltered individuals by Census Tract)*

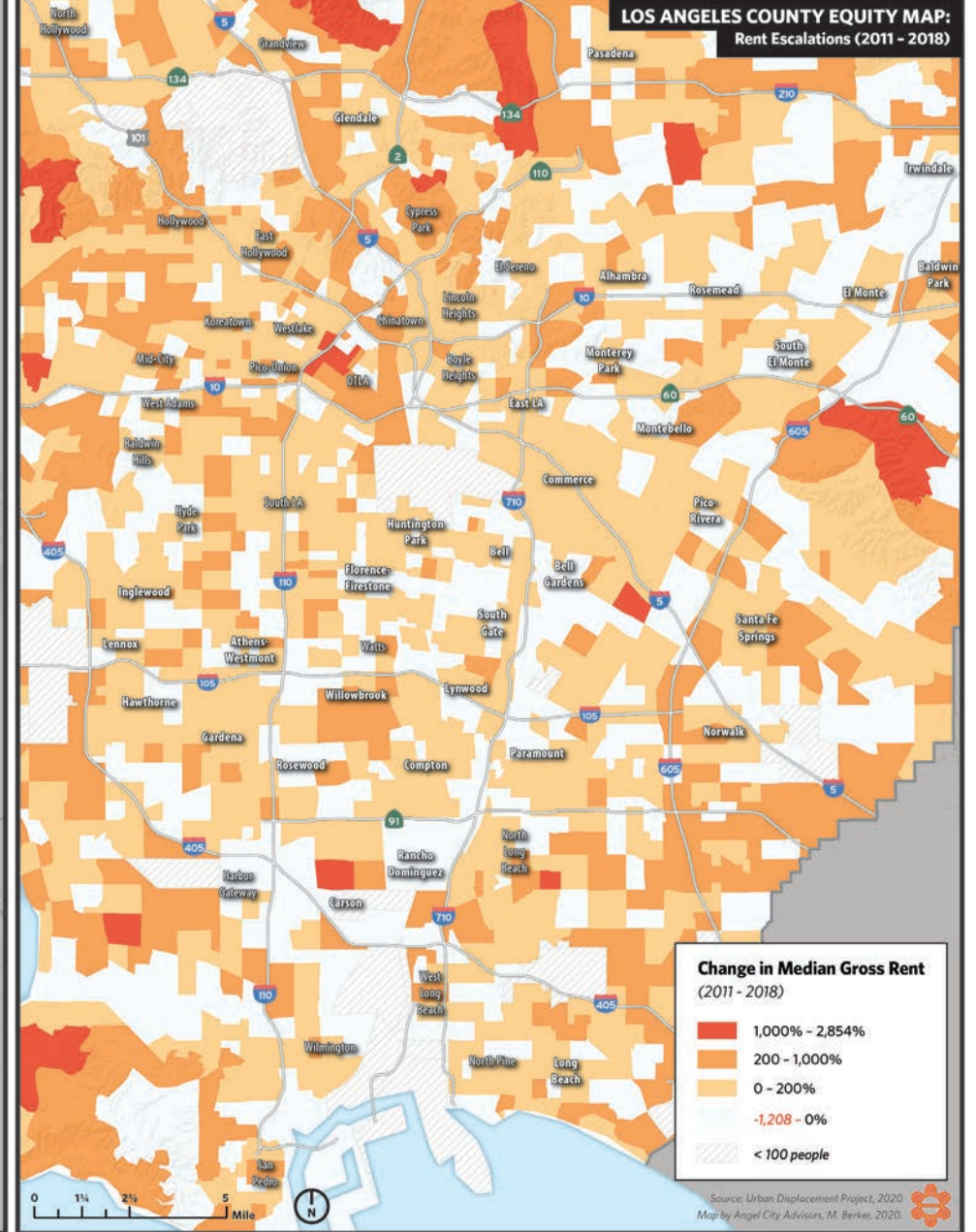
- 460 - 3,179
- 66 - 460
- Threshold >66 individuals -----
- 10 - 66
- 1 - 10
- 0 - 1
- City does not participate in count
- < 100 people

**LOS ANGELES COUNTY EQUITY MAP:
Rent Escalations (2011 - 2018)**



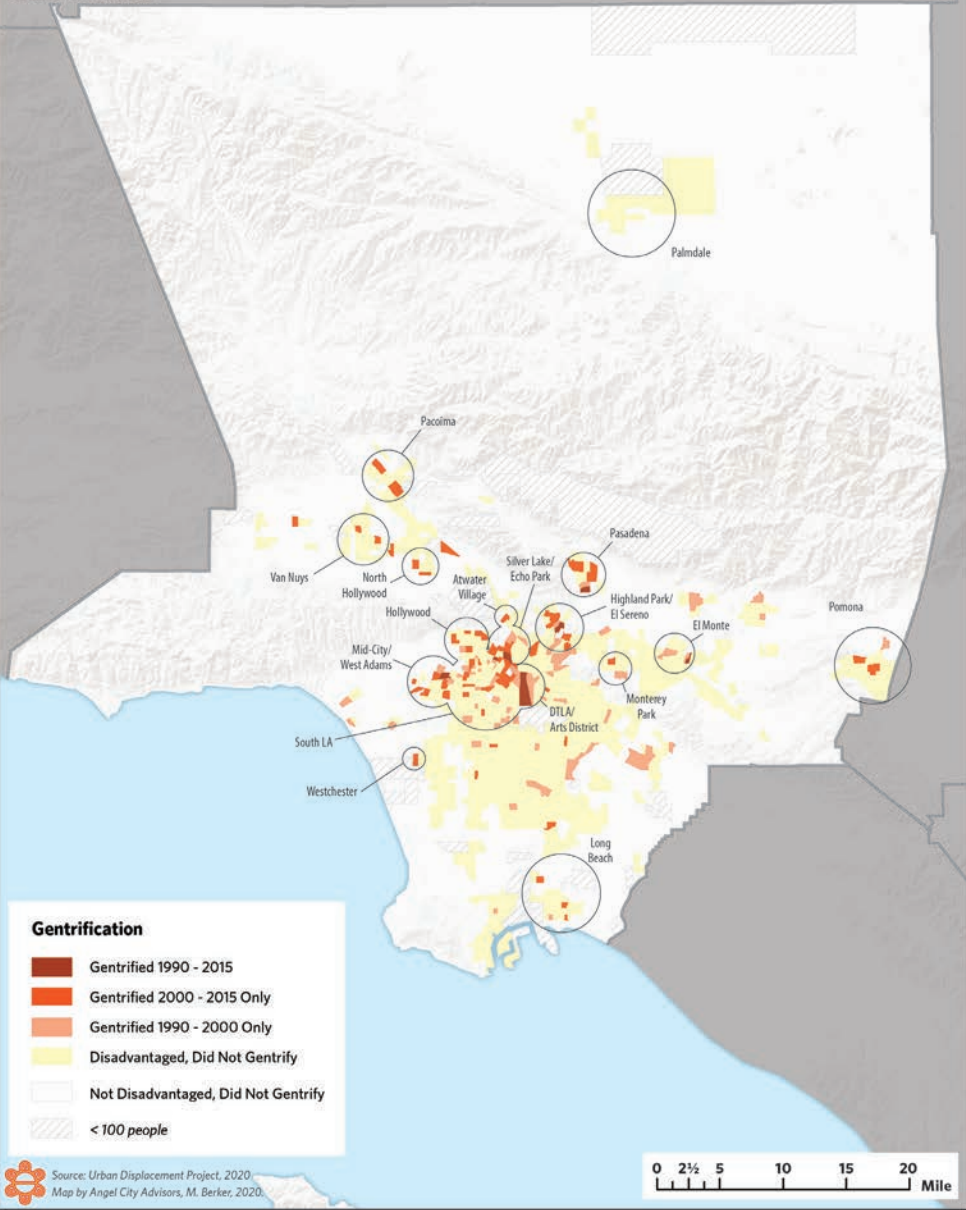
Source: Urban Displacement Project, 2020
Map by Angel City Advisors, M. Berke, 2020.

**LOS ANGELES COUNTY EQUITY MAP:
Rent Escalations (2011 - 2018)**

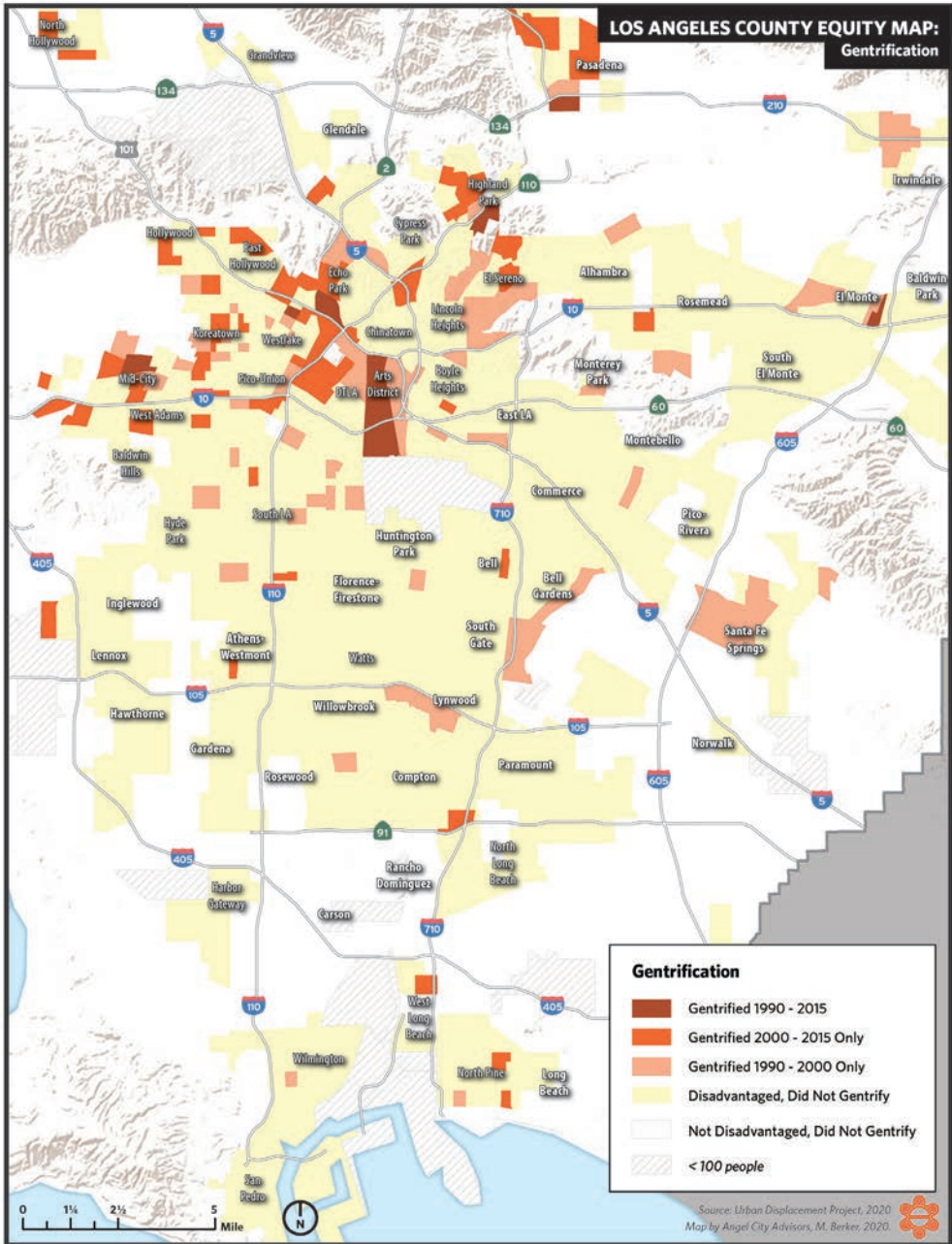


Source: Urban Displacement Project, 2020
Map by Angel City Advisors, M. Berke, 2020.

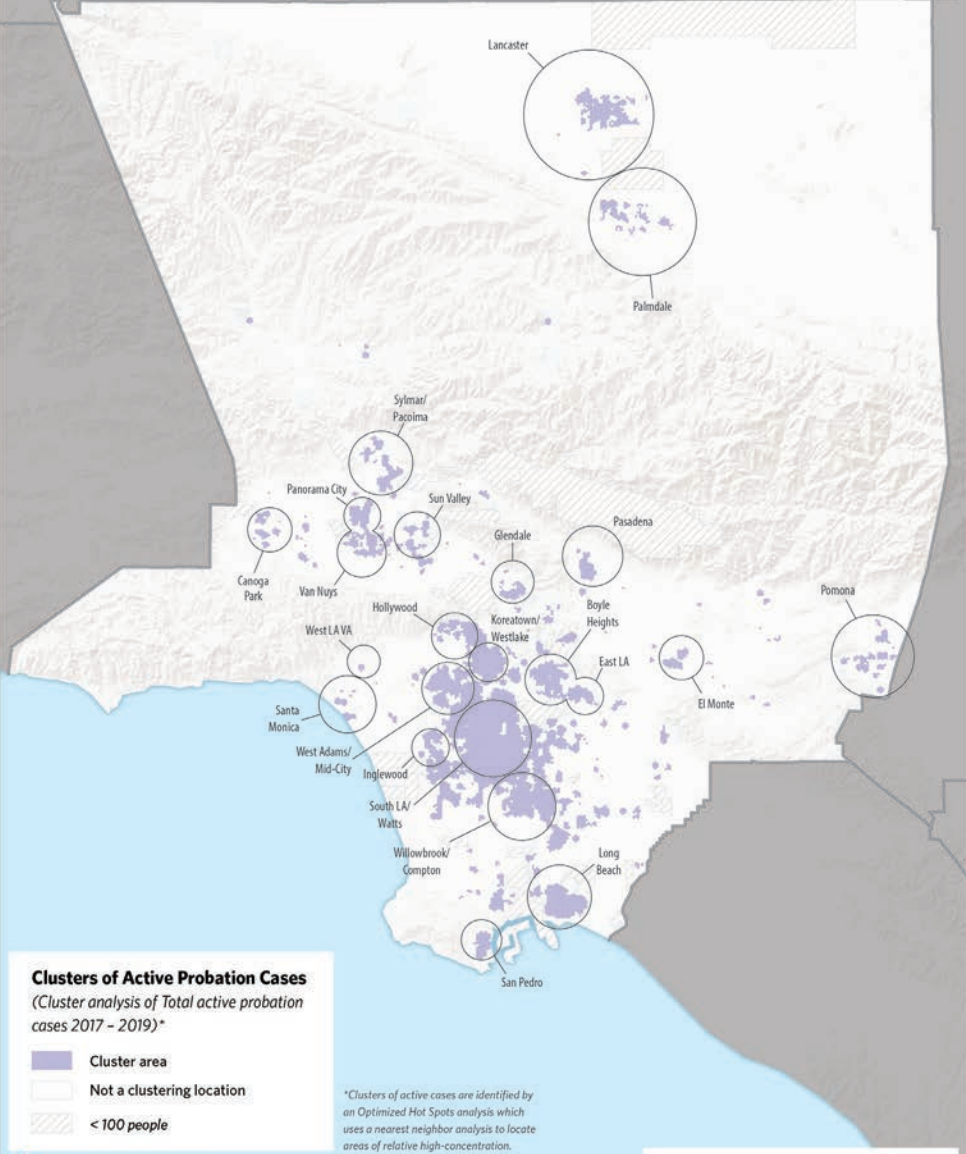
LOS ANGELES COUNTY EQUITY MAP: Gentrification



LOS ANGELES COUNTY EQUITY MAP: Gentrification

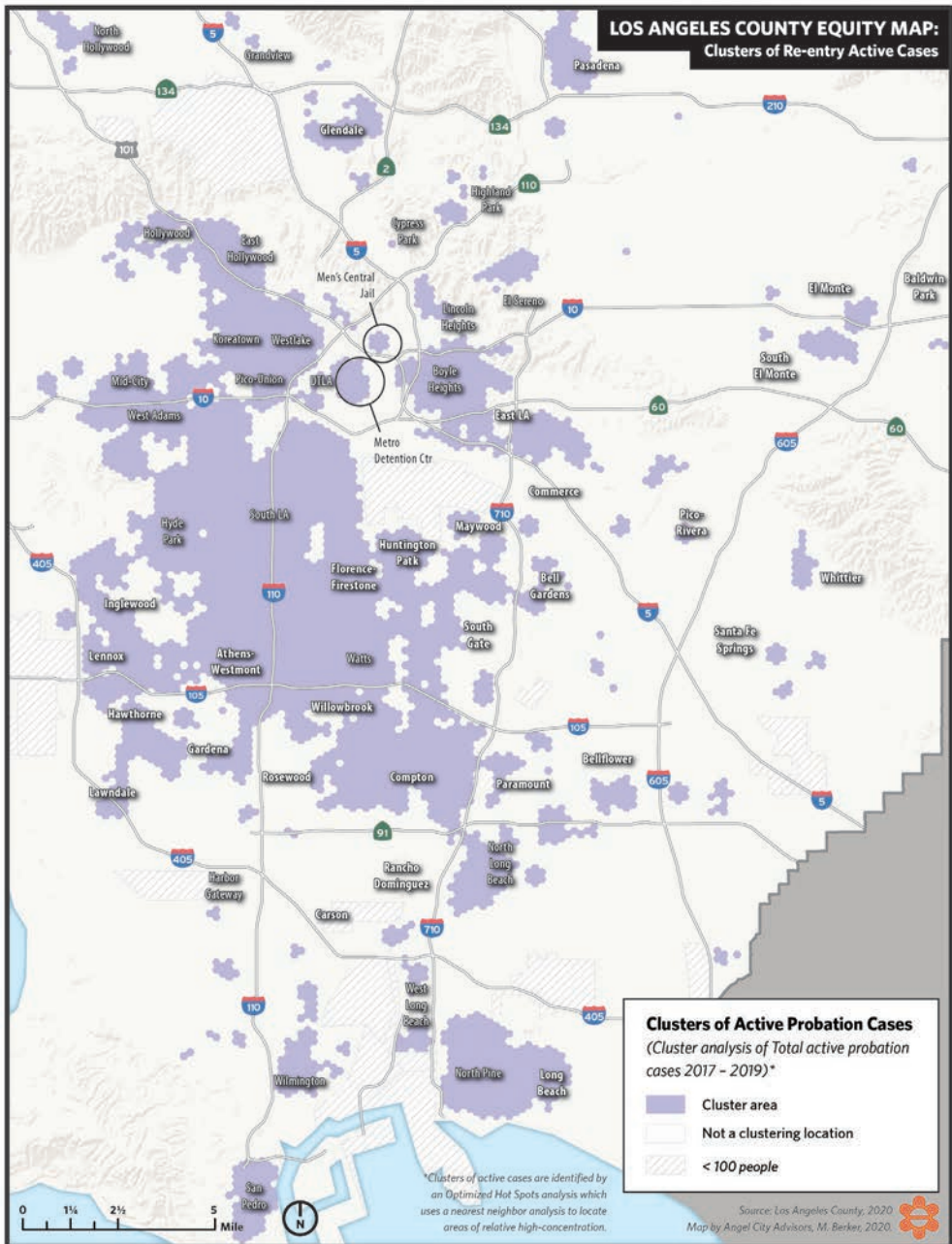


LOS ANGELES COUNTY EQUITY MAP: Clusters of Re-entry Active Cases



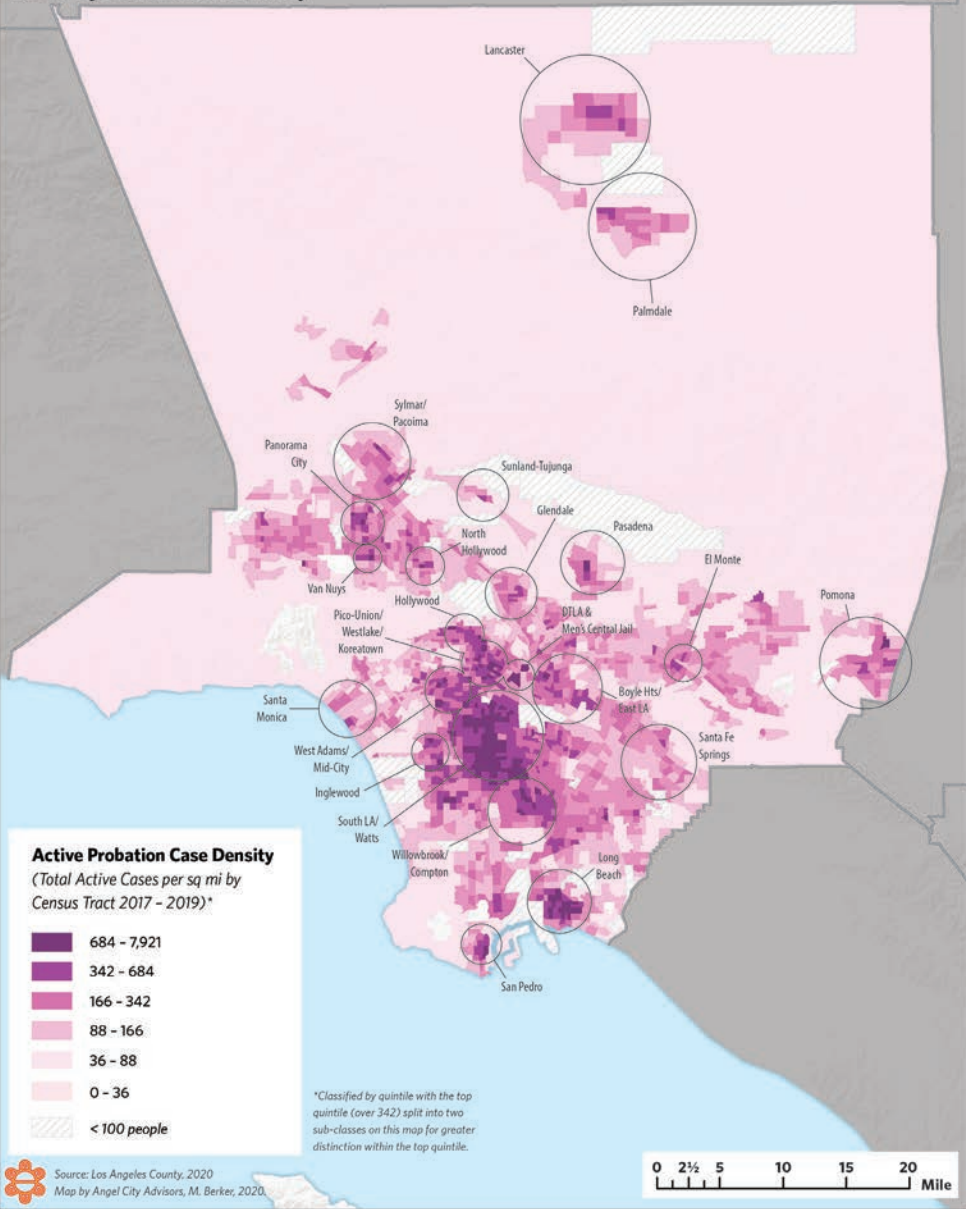
Source: Los Angeles County, 2020
Map by Angel City Advisors, M. Berker, 2020.

LOS ANGELES COUNTY EQUITY MAP: Clusters of Re-entry Active Cases

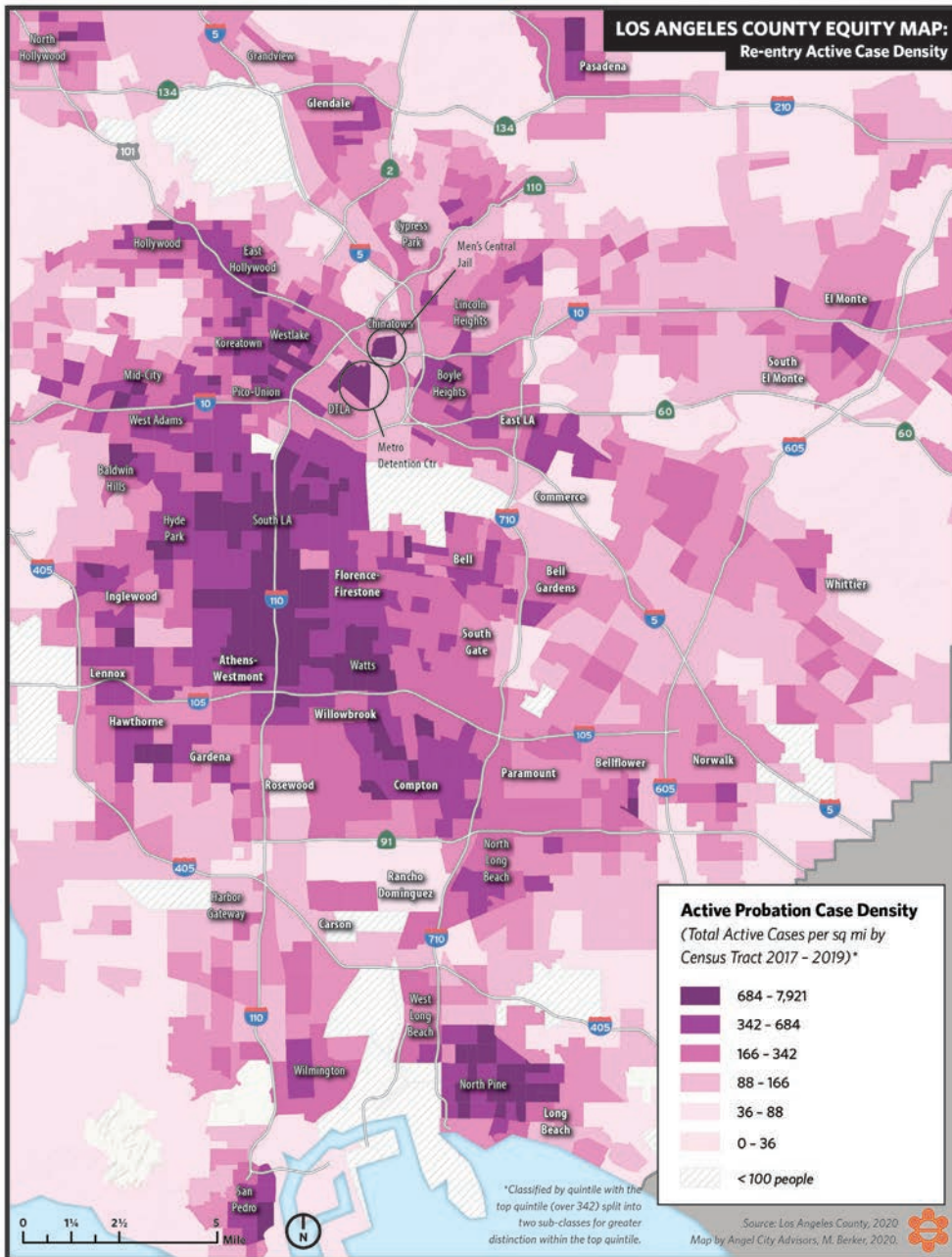


Source: Los Angeles County, 2020
Map by Angel City Advisors, M. Berker, 2020.

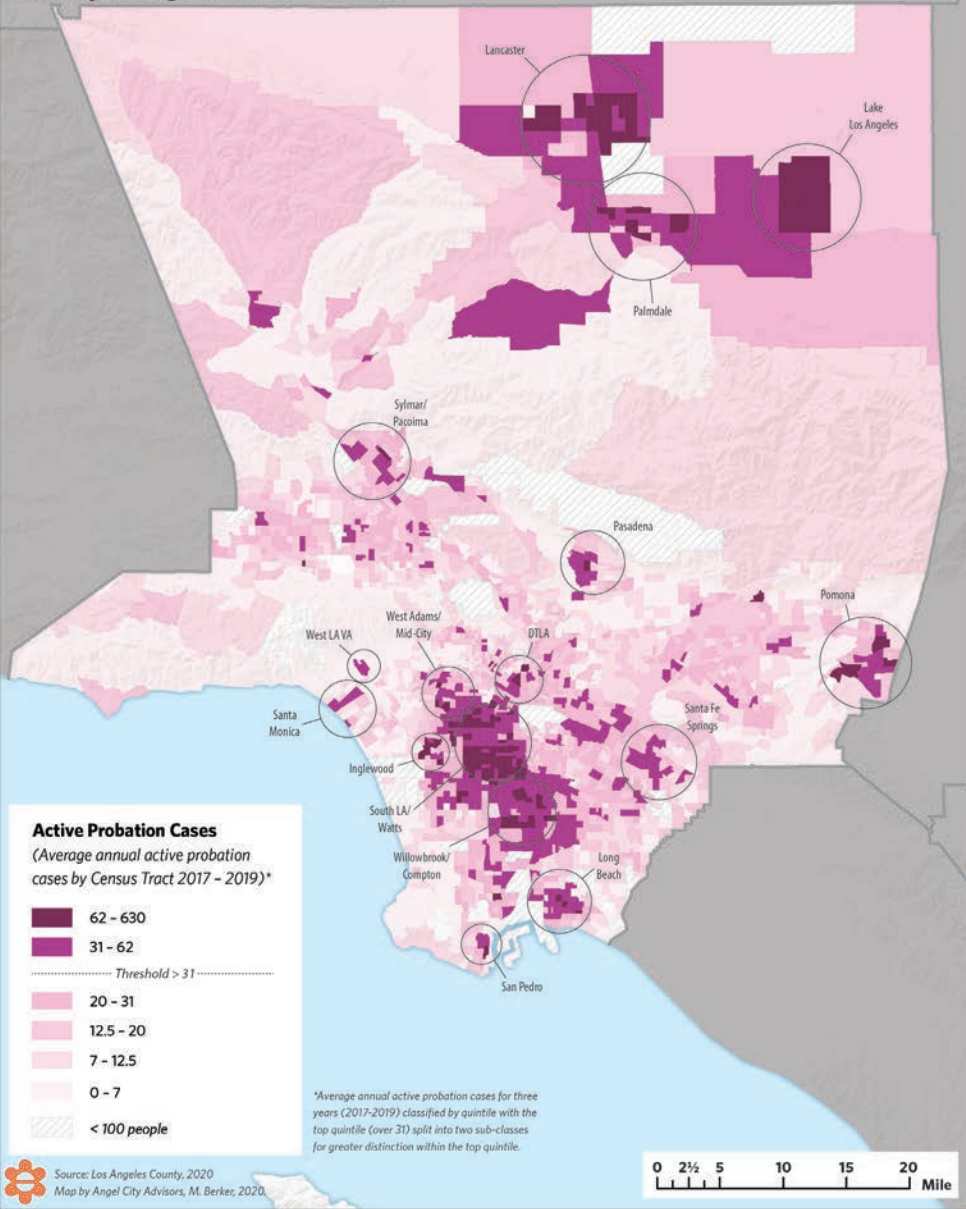
LOS ANGELES COUNTY EQUITY MAP: Re-entry Active Case Density



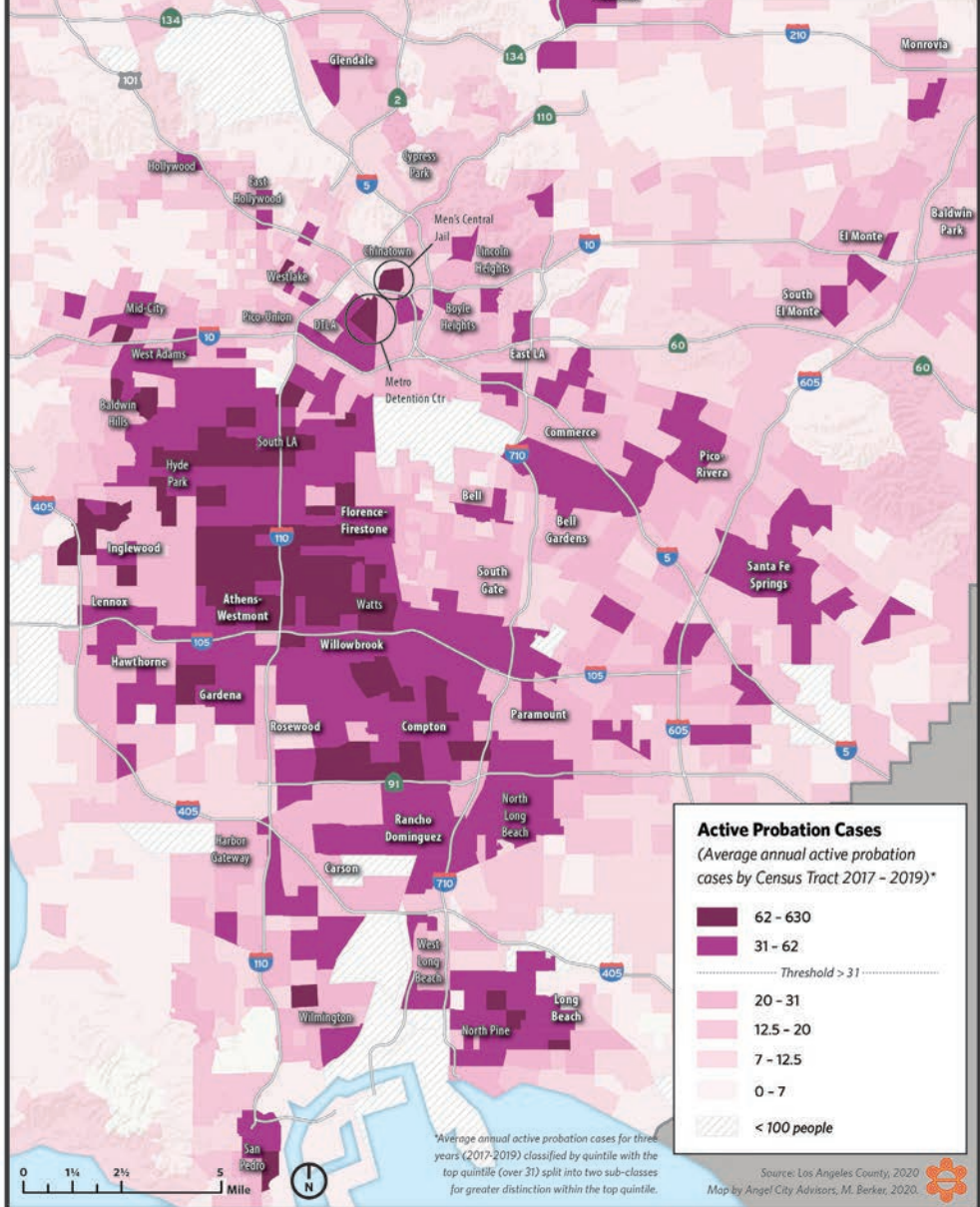
LOS ANGELES COUNTY EQUITY MAP: Re-entry Active Case Density



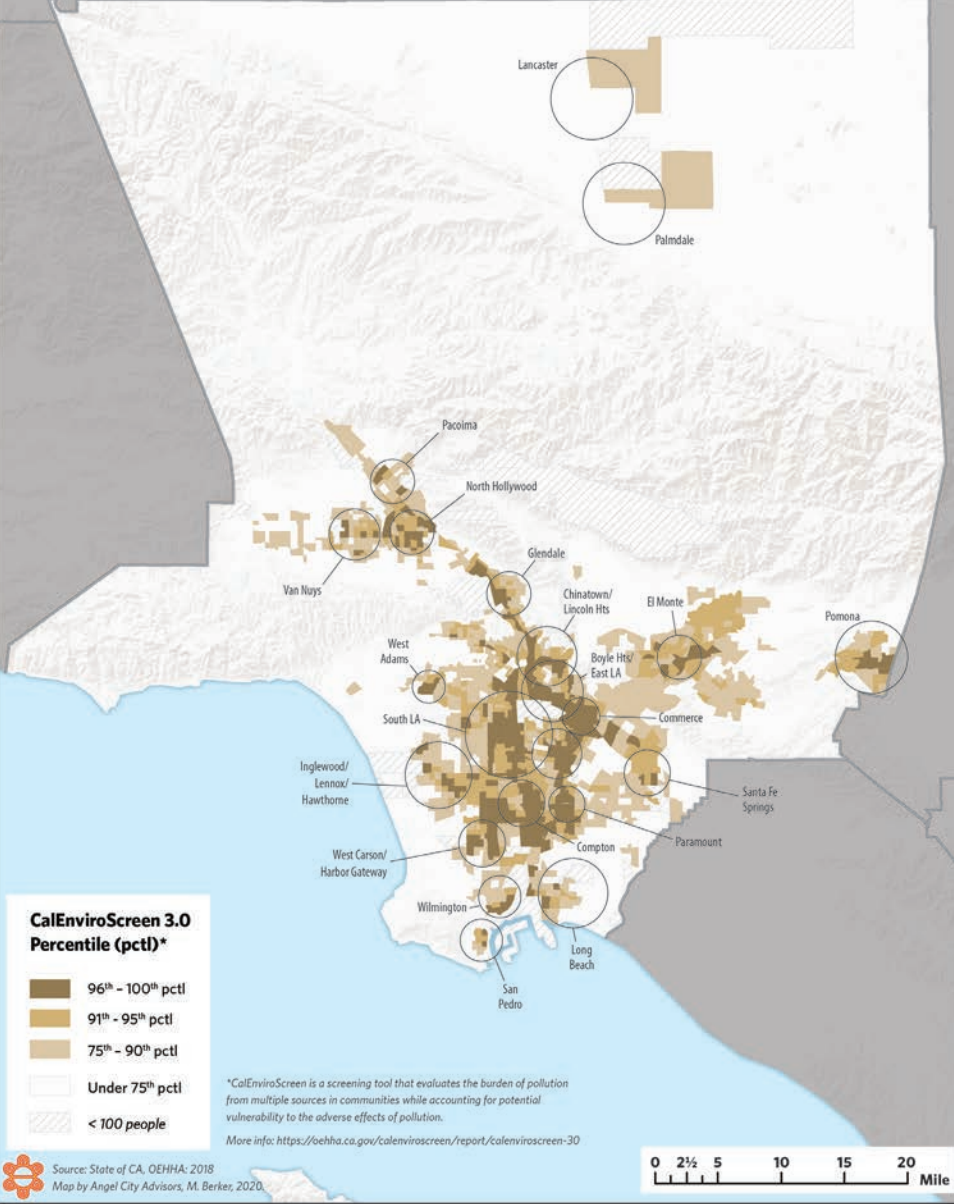
LOS ANGELES COUNTY EQUITY MAP: Re-entry Average Annual Active Cases



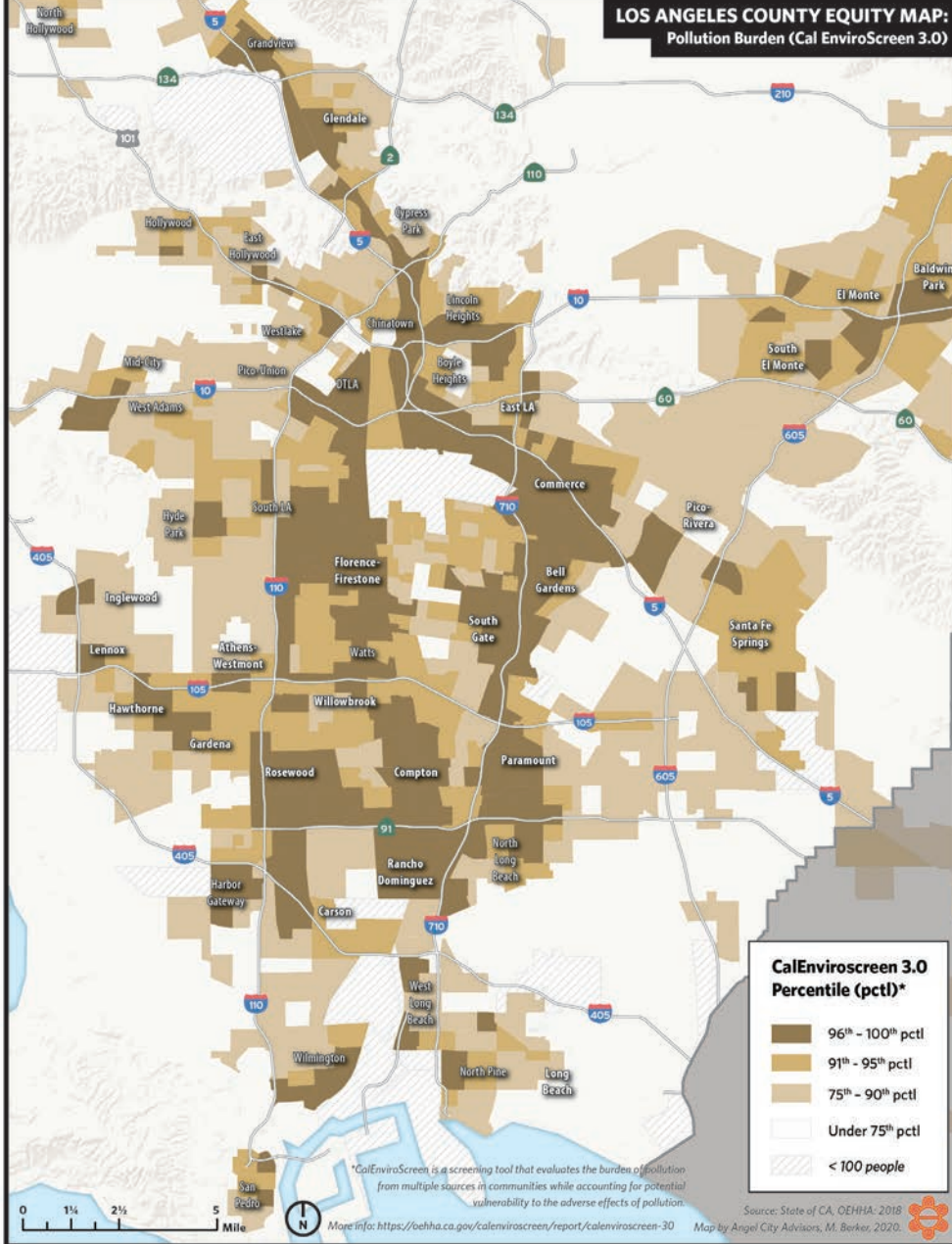
LOS ANGELES COUNTY EQUITY MAP: Re-entry Average Annual Active Cases



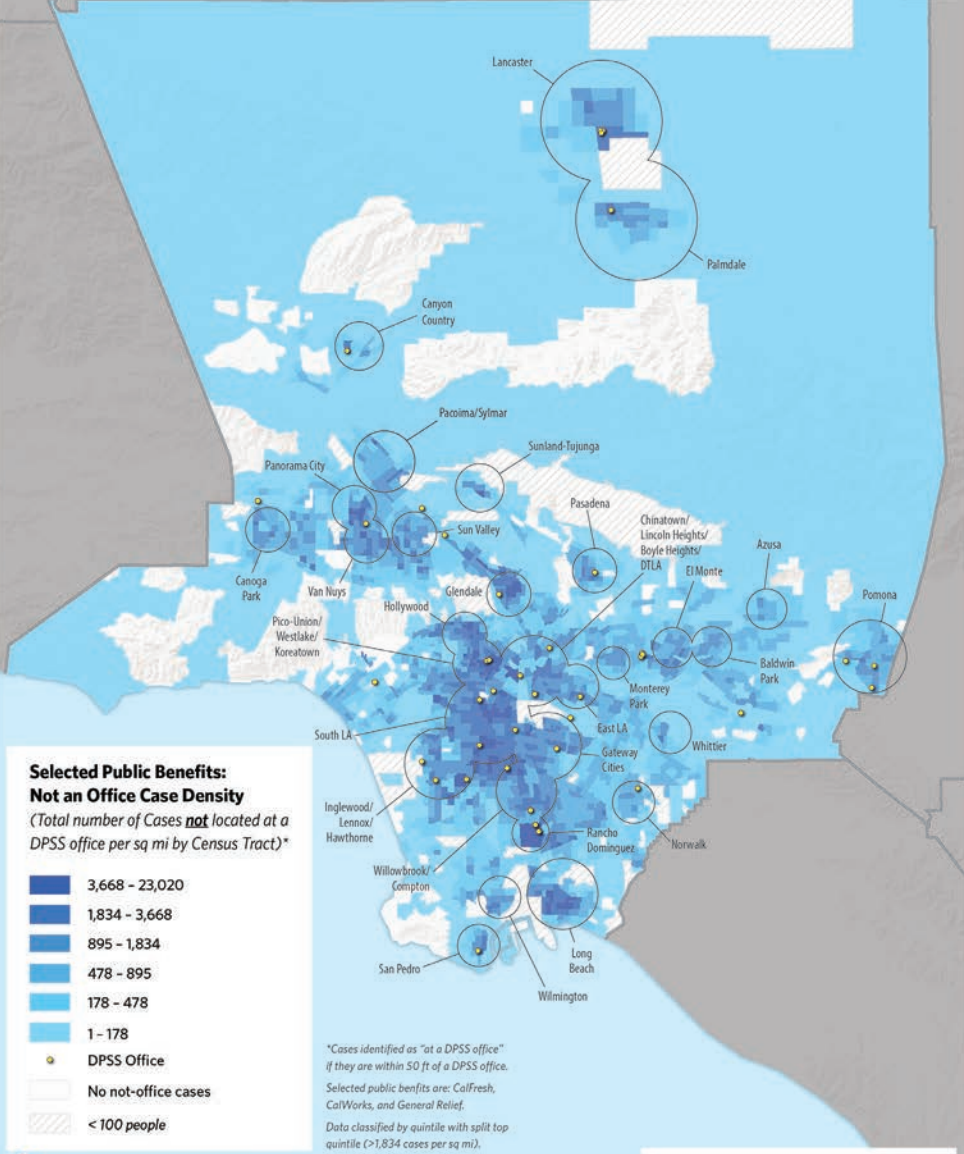
LOS ANGELES COUNTY EQUITY MAP: Pollution Burden (Cal EnviroScreen 3.0)



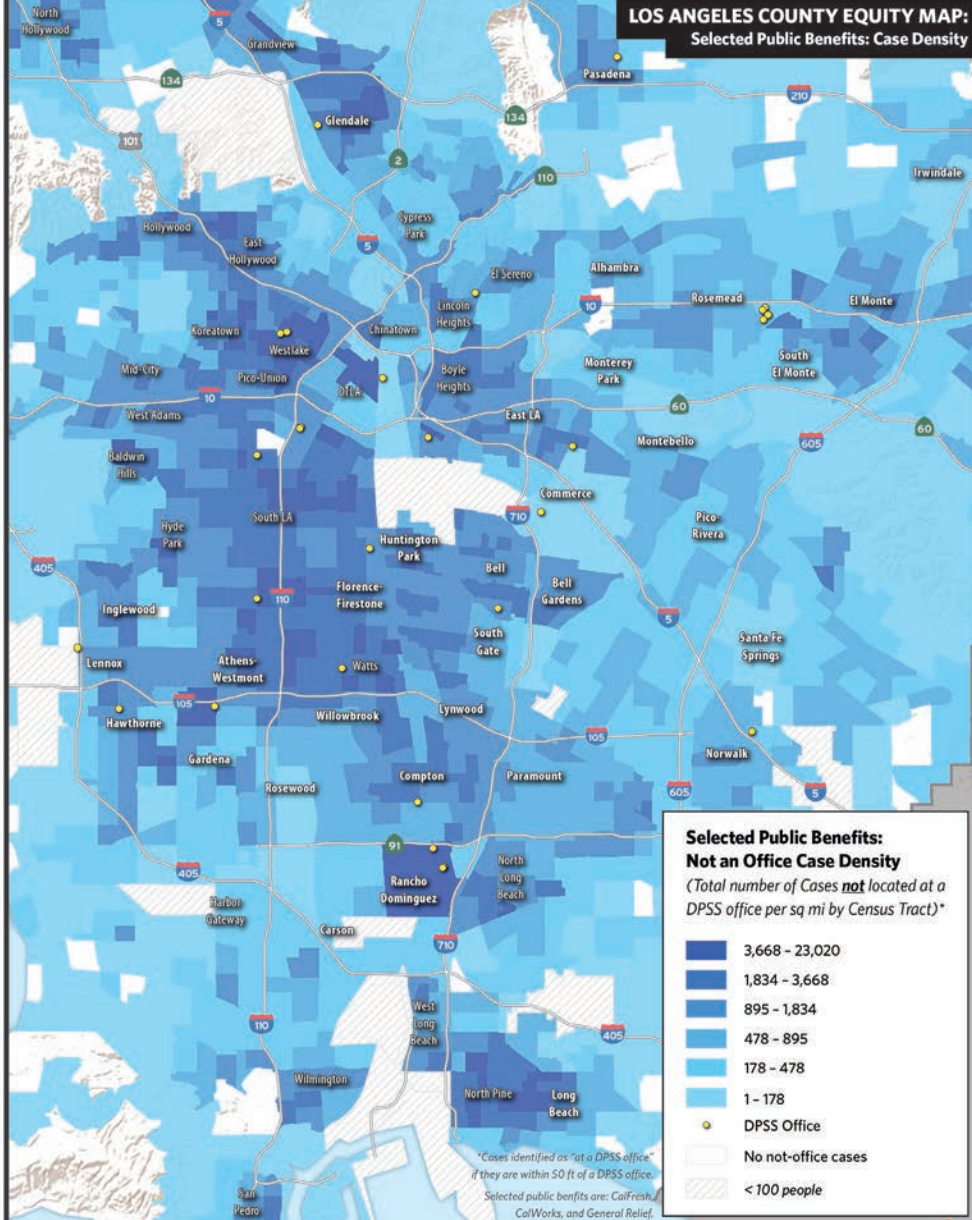
LOS ANGELES COUNTY EQUITY MAP: Pollution Burden (Cal EnviroScreen 3.0)



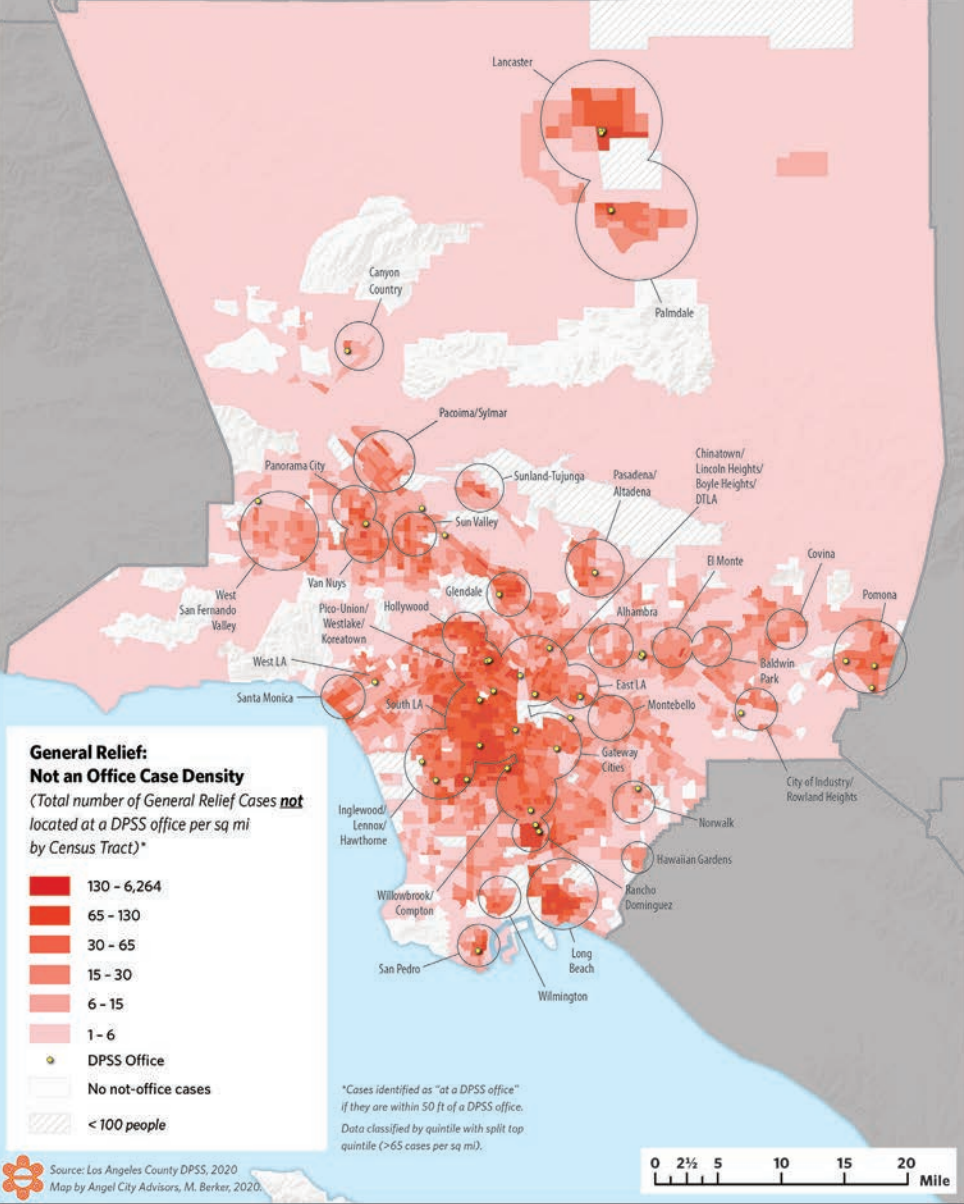
**LOS ANGELES COUNTY EQUITY MAP:
Selected Public Benefits: Case Density**



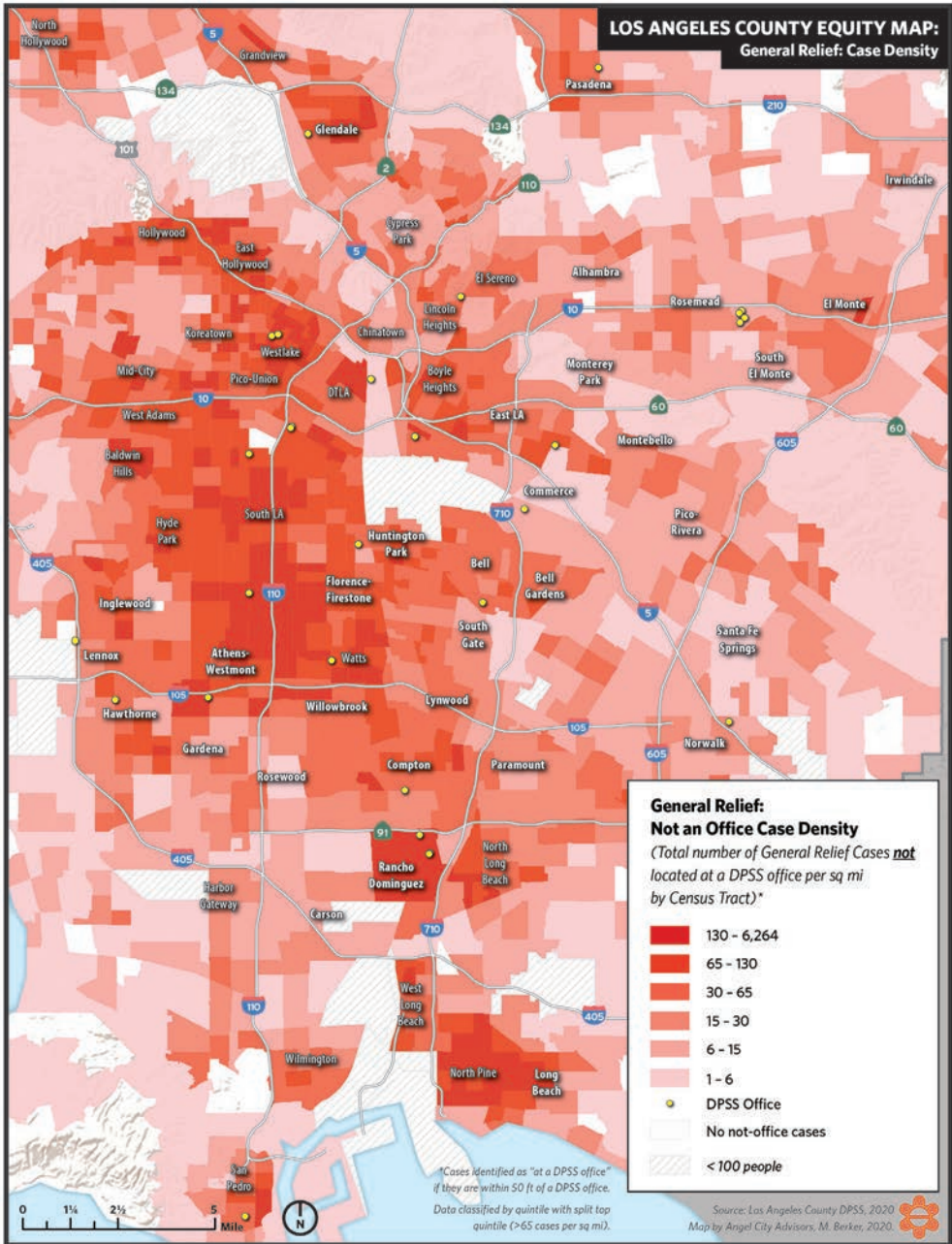
**LOS ANGELES COUNTY EQUITY MAP:
Selected Public Benefits: Case Density**



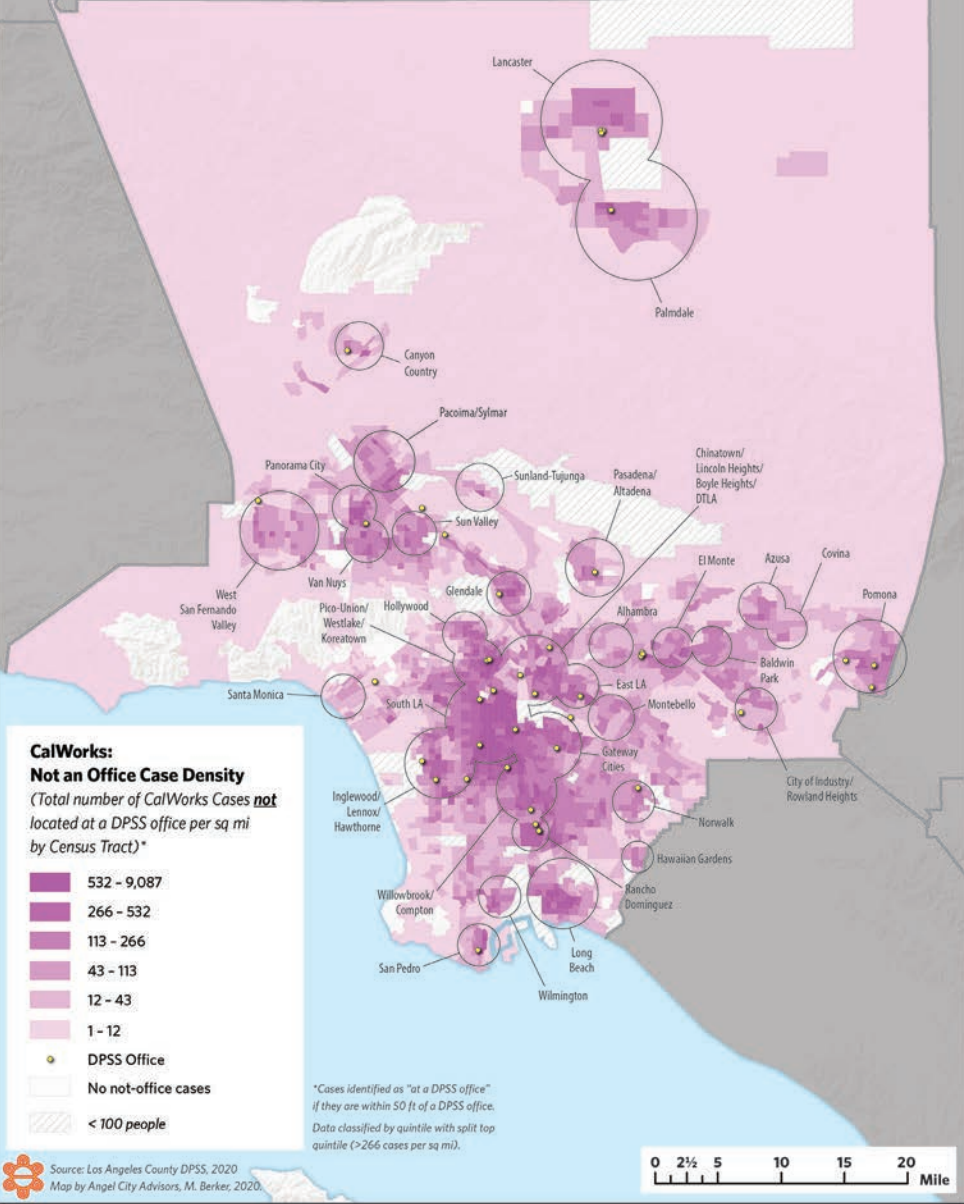
LOS ANGELES COUNTY EQUITY MAP:
General Relief: Case Density



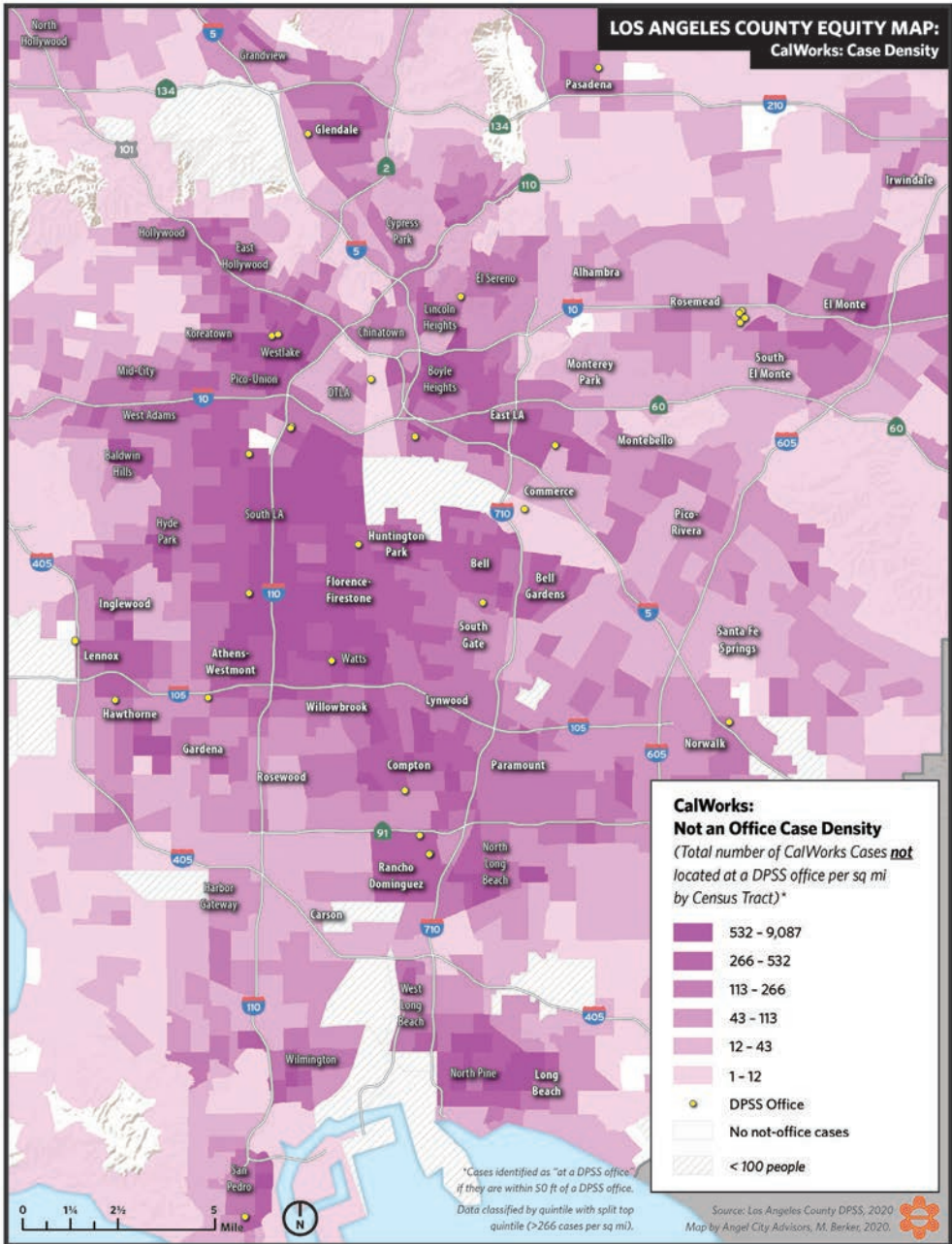
LOS ANGELES COUNTY EQUITY MAP:
General Relief: Case Density



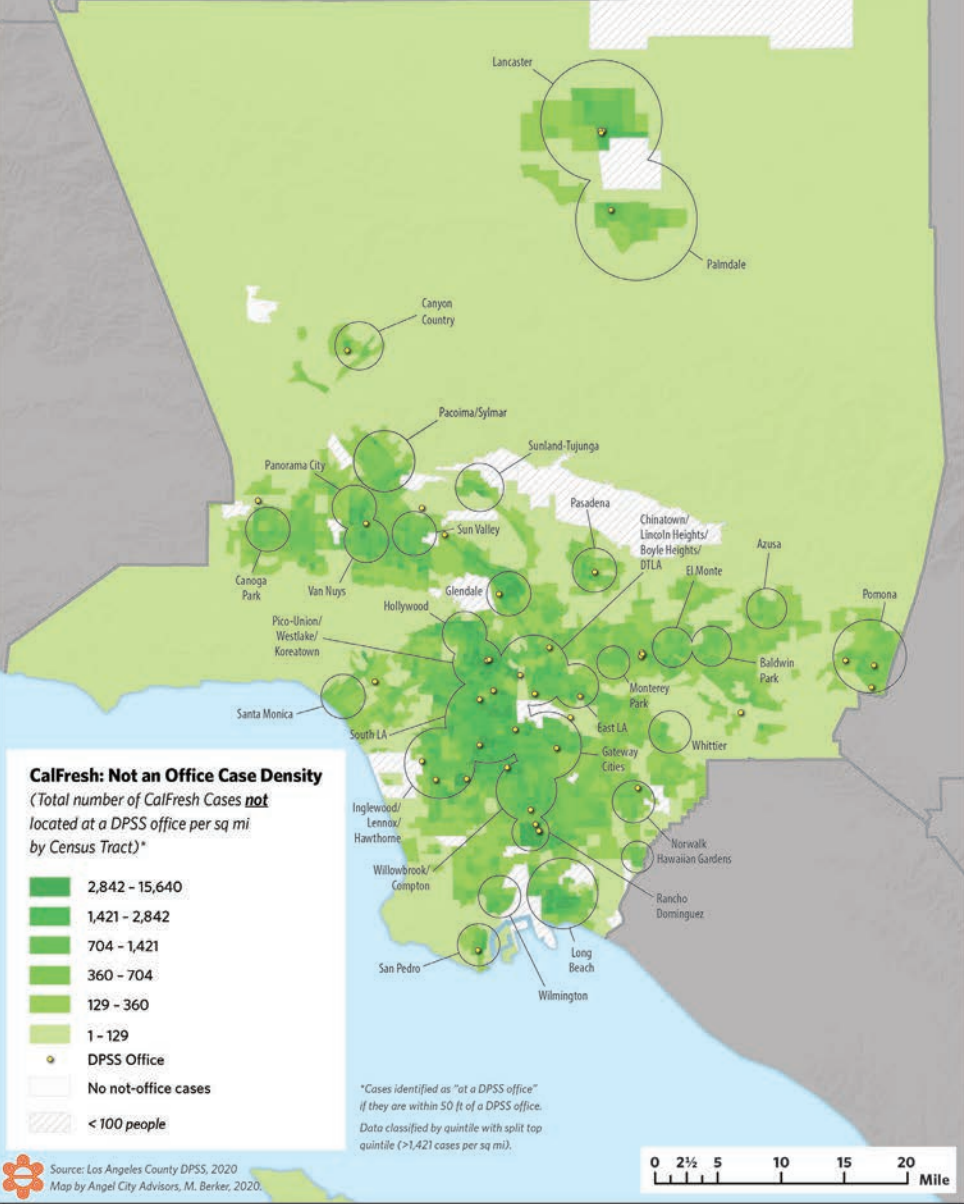
**LOS ANGELES COUNTY EQUITY MAP:
CalWorks: Case Density**



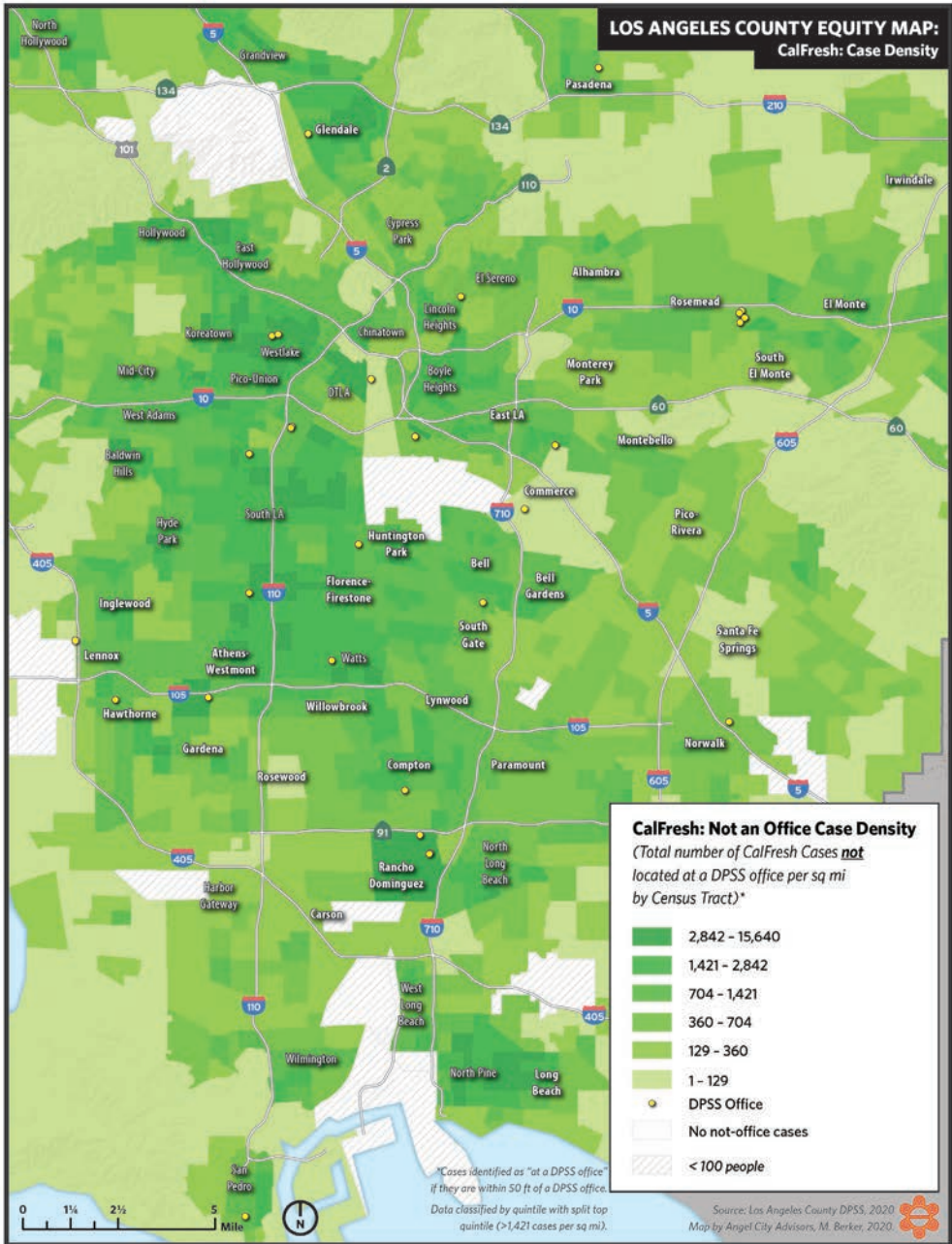
**LOS ANGELES COUNTY EQUITY MAP:
CalWorks: Case Density**



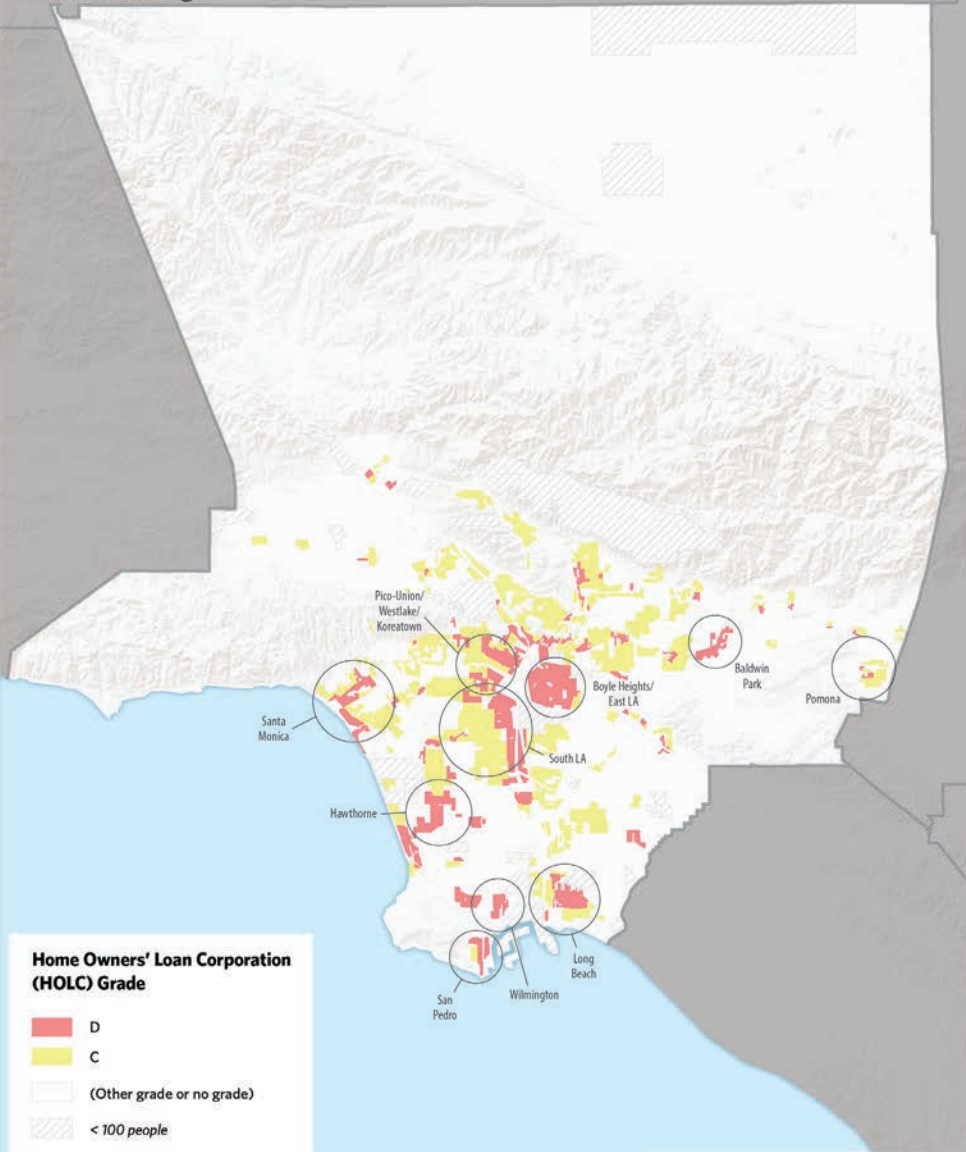
**LOS ANGELES COUNTY EQUITY MAP:
CalFresh: Case Density**



**LOS ANGELES COUNTY EQUITY MAP:
CalFresh: Case Density**



LOS ANGELES COUNTY EQUITY MAP: Historic Redlining

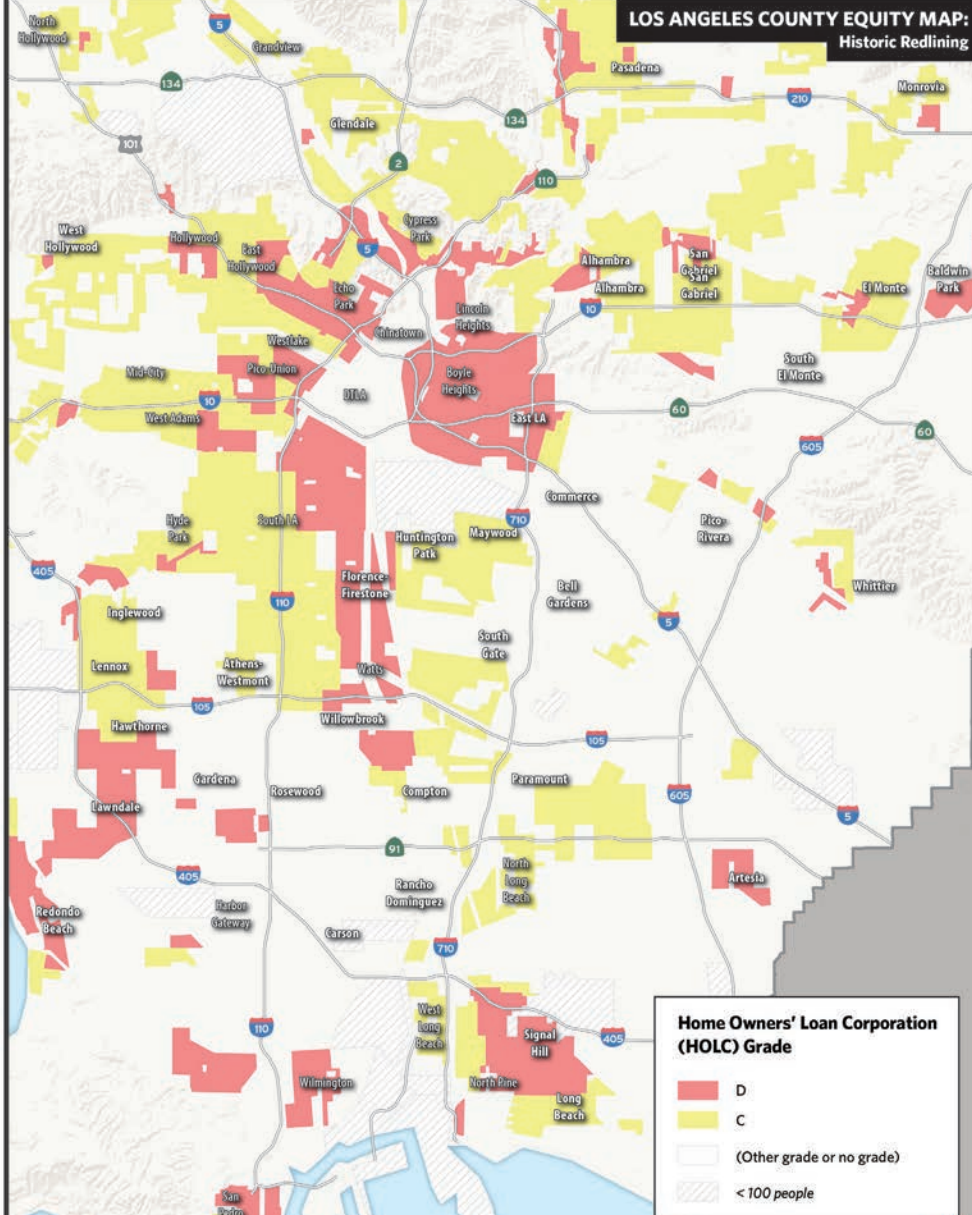


Home Owners' Loan Corporation (HOLC) Grade

- D
- C
- (Other grade or no grade)
- < 100 people

Source: Urban Displacement Project, 2020
Map by Angel City Advisors, M. Berke, 2020.

LOS ANGELES COUNTY EQUITY MAP: Historic Redlining

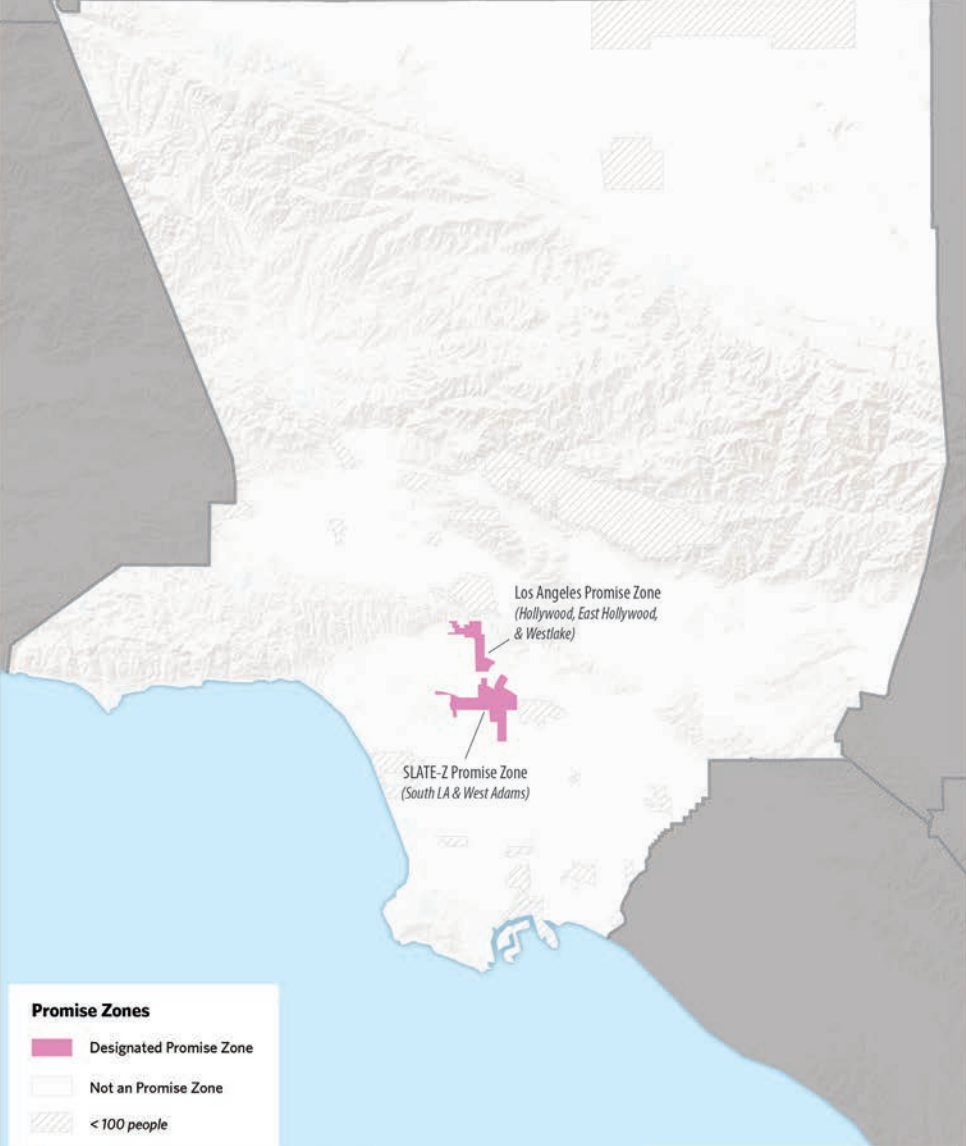


Home Owners' Loan Corporation (HOLC) Grade

- D
- C
- (Other grade or no grade)
- < 100 people

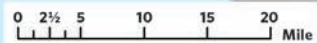
Source: Urban Displacement Project, 2020
Map by Angel City Advisors, M. Berke, 2020.

**L.A. COUNTY NEEDS ASSESSMENT:
Promise Zones**



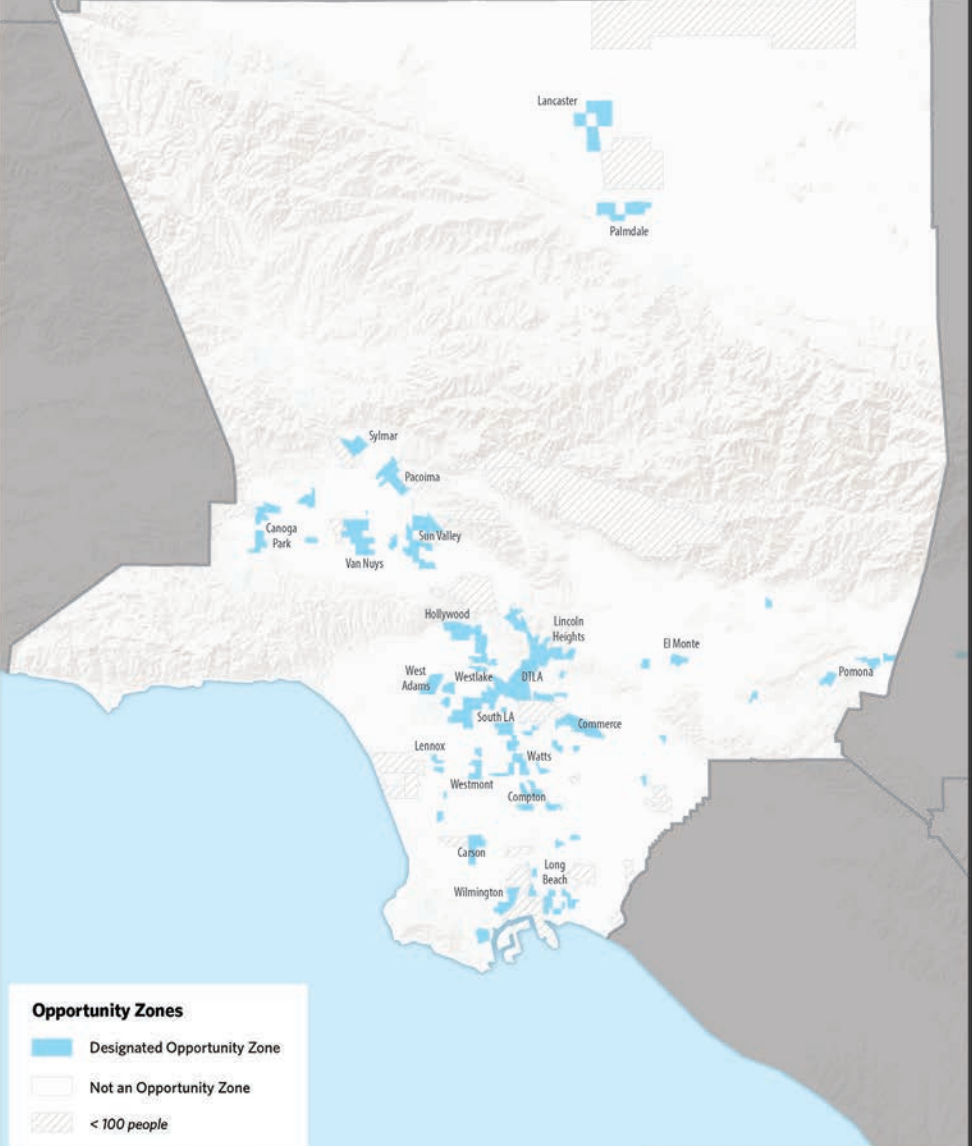
Promise Zones

- Designated Promise Zone
- Not an Promise Zone
- < 100 people



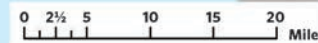
Source: Department of Housing & Urban Development (HUD), 2020
Map by Angel City Advisors, M. Berke, 2020

**LOS ANGELES COUNTY EQUITY MAP:
Opportunity Zones**



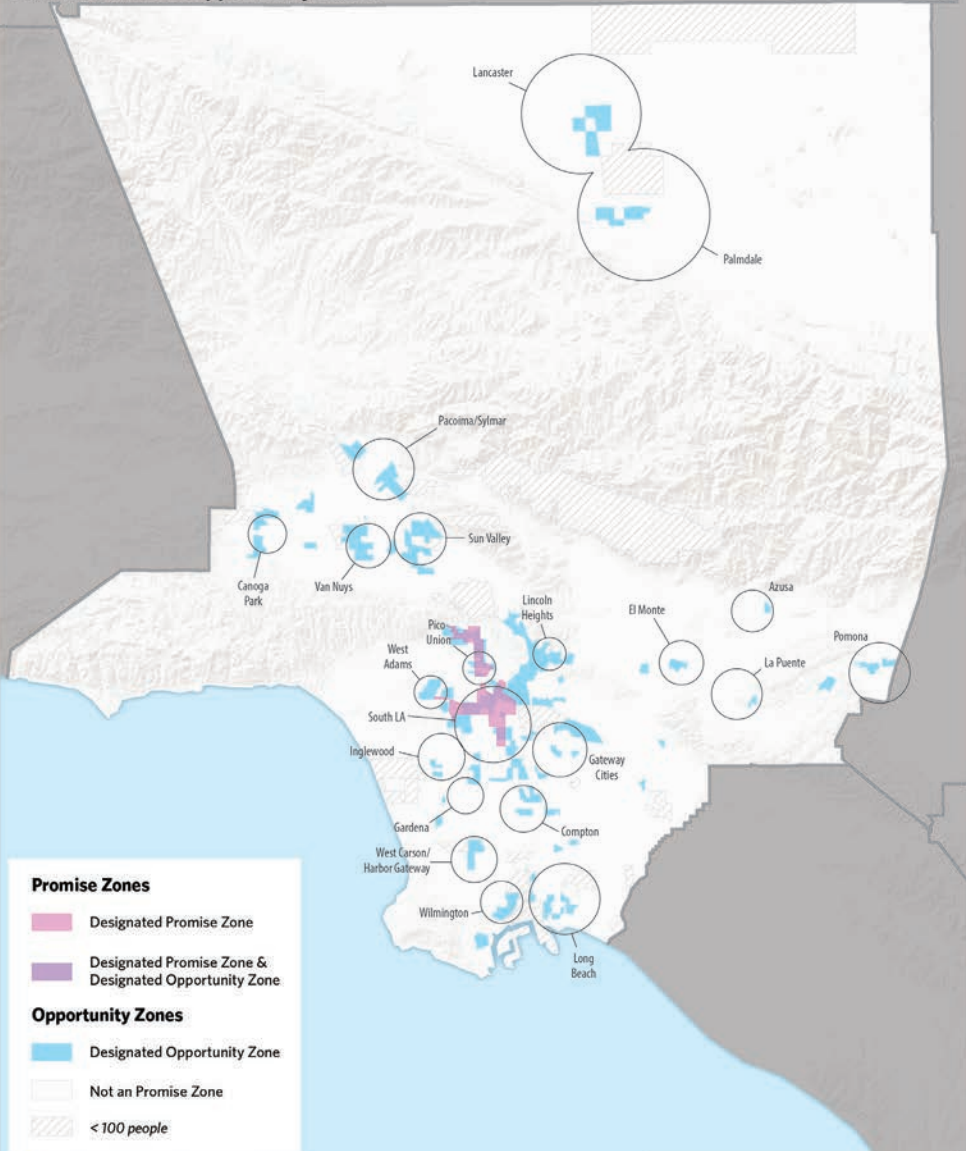
Opportunity Zones

- Designated Opportunity Zone
- Not an Opportunity Zone
- < 100 people

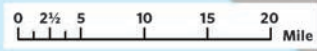


Source: Department of Housing & Urban Development (HUD), 2020
Map by Angel City Advisors, M. Berke, 2020

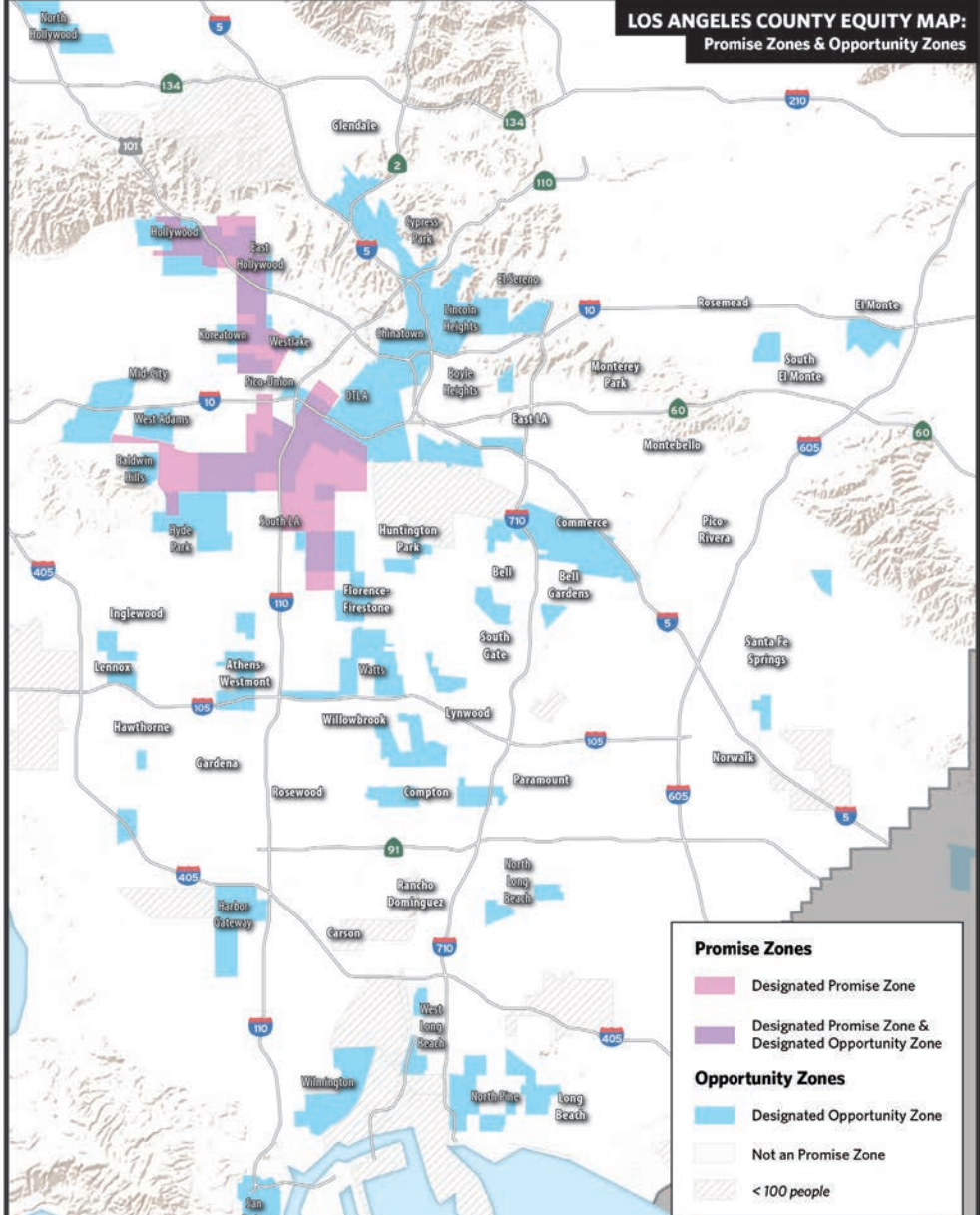
**LOS ANGELES COUNTY EQUITY MAP:
Promise Zones & Opportunity Zones**



Source: Department of Housing & Urban Development (HUD), 2020
Map by Angel City Advisors, M. Berker, 2020.



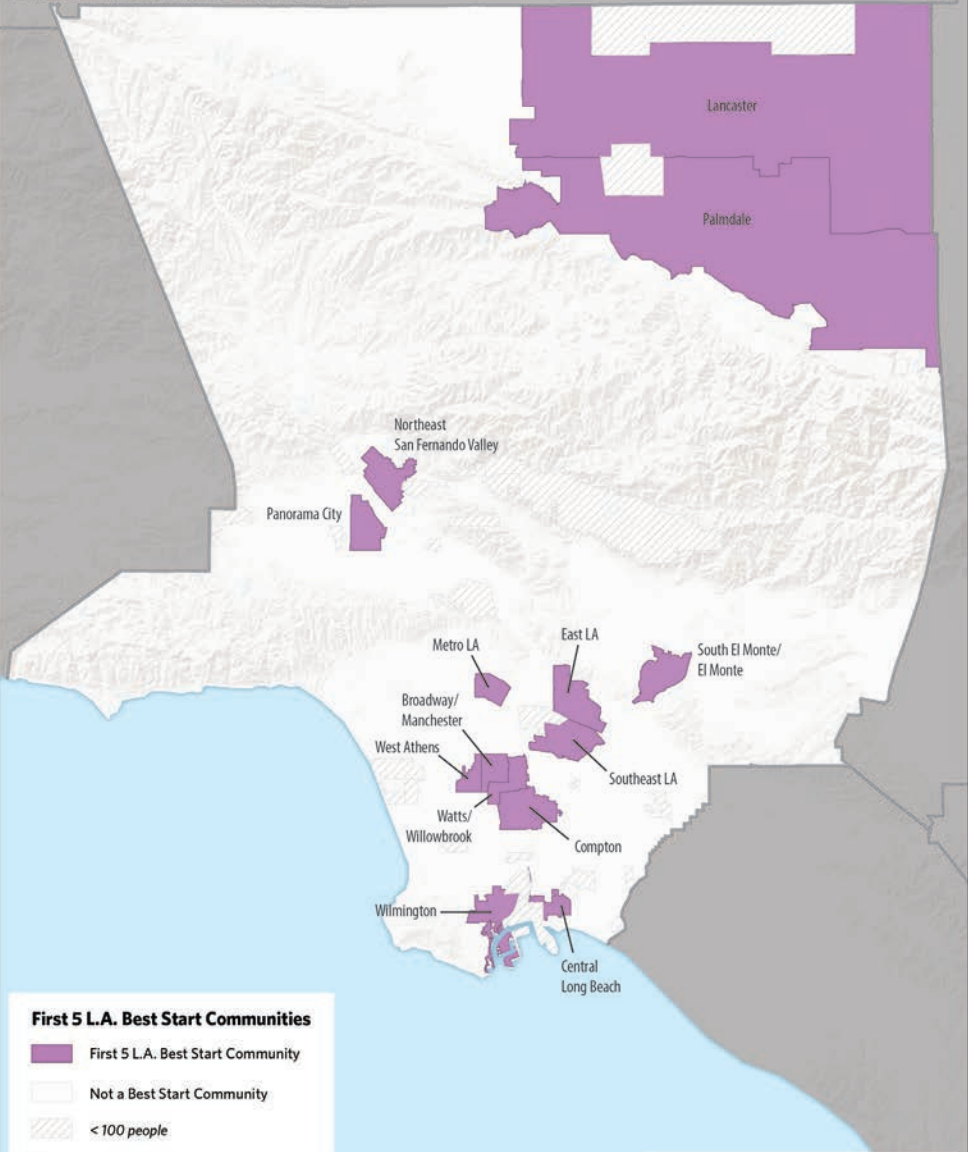
**LOS ANGELES COUNTY EQUITY MAP:
Promise Zones & Opportunity Zones**



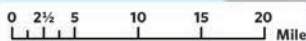
Source: Department of Housing & Urban Development (HUD), 2020
Map by Angel City Advisors, M. Berker, 2020.



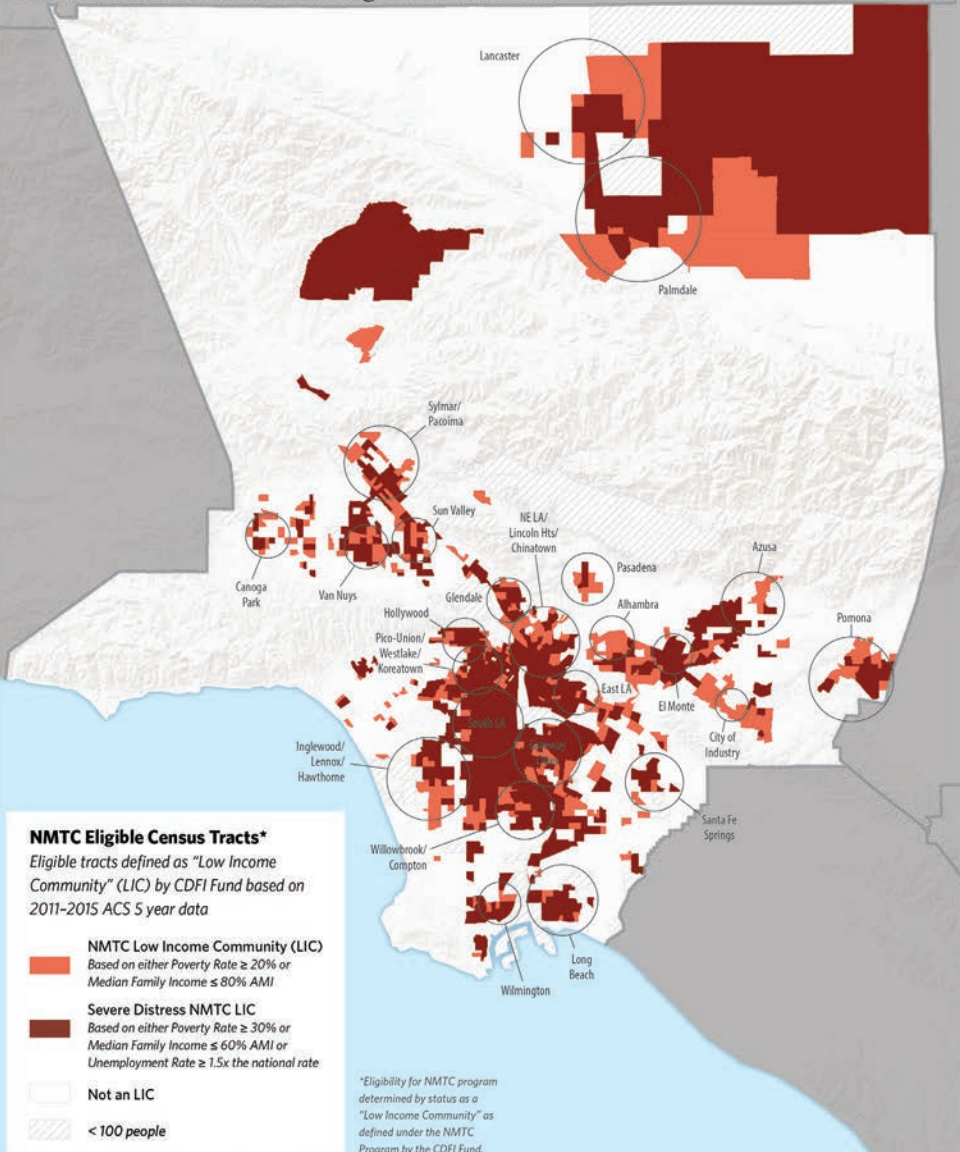
LOS ANGELES COUNTY EQUITY MAP: First 5 L.A. Best Start Communities



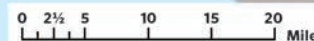
Source: First 5 L.A., 2020
Map by Angel City Advisors, M. Berke, 2020.



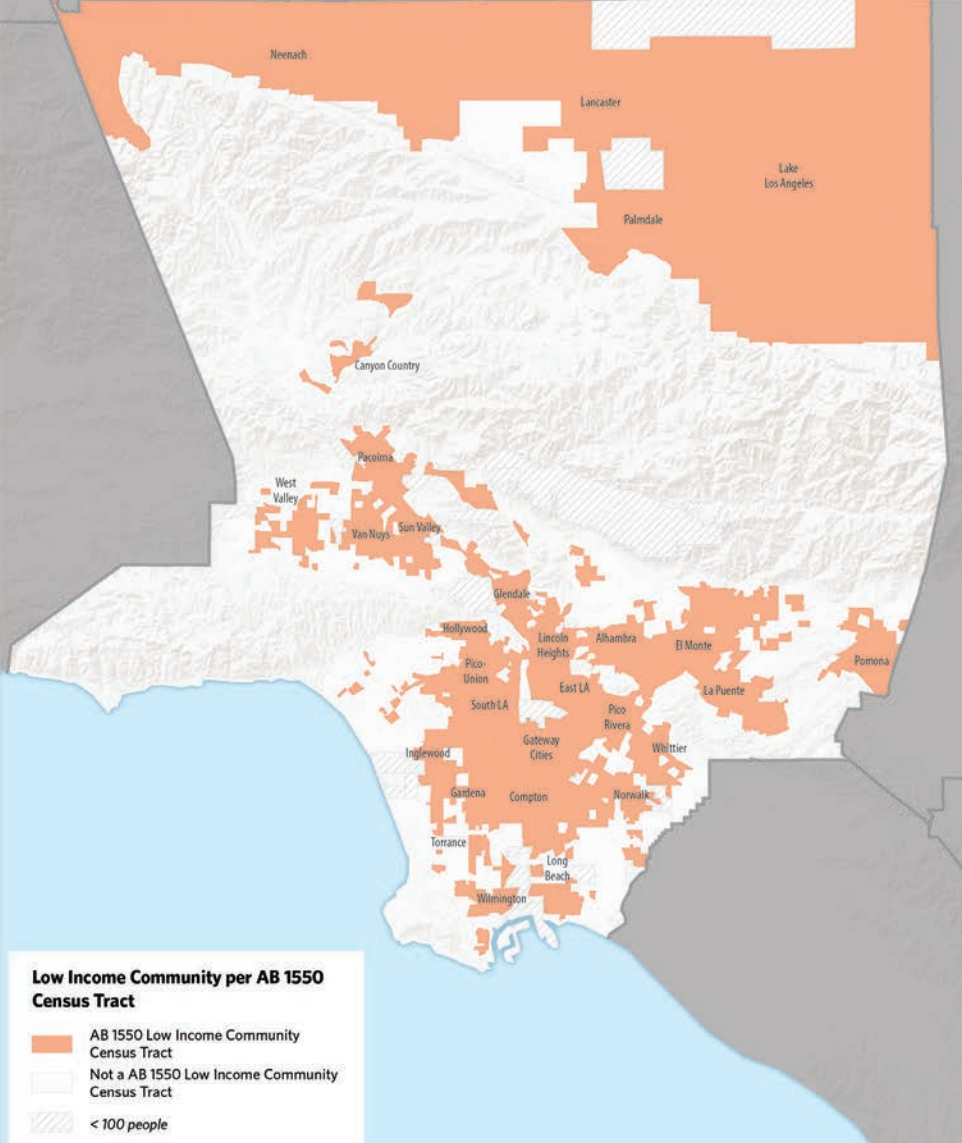
LOS ANGELES COUNTY EQUITY MAP: New Market Tax Credit (NMTC) Eligible Census Tracts



Source: CDFI Fund, US Dept. of the Treasury, 2020
Map by Angel City Advisors, M. Berke, 2020.

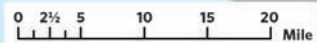


**LOS ANGELES COUNTY EQUITY MAP:
AB 1550 Low Income Communities**



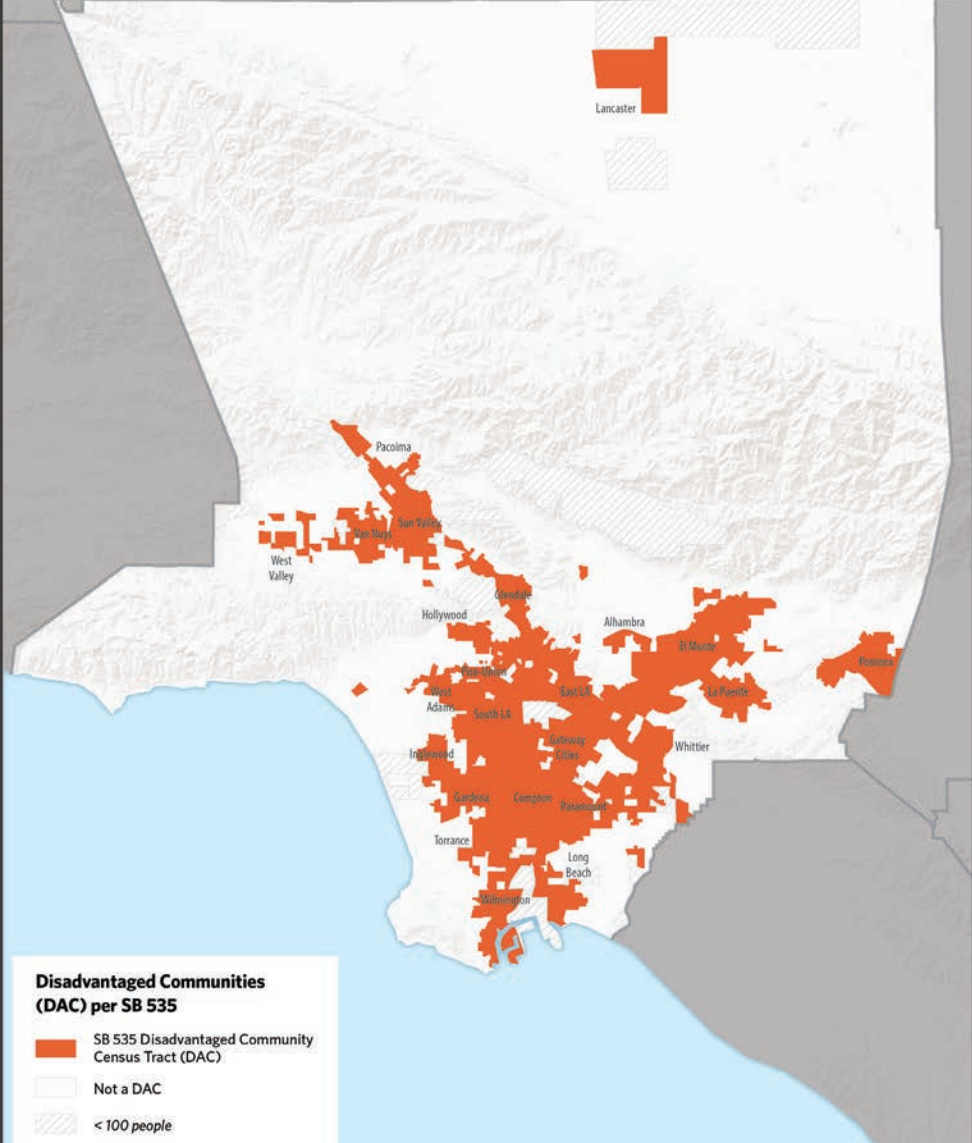
**Low Income Community per AB 1550
Census Tract**

- AB 1550 Low Income Community Census Tract
- Not a AB 1550 Low Income Community Census Tract
- < 100 people



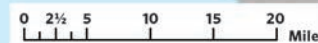
Source: State of California, 2020
Map by Angel City Advisors, M. Berke, 2020.

**LOS ANGELES COUNTY EQUITY MAP:
SB 535 Disadvantaged Communities**



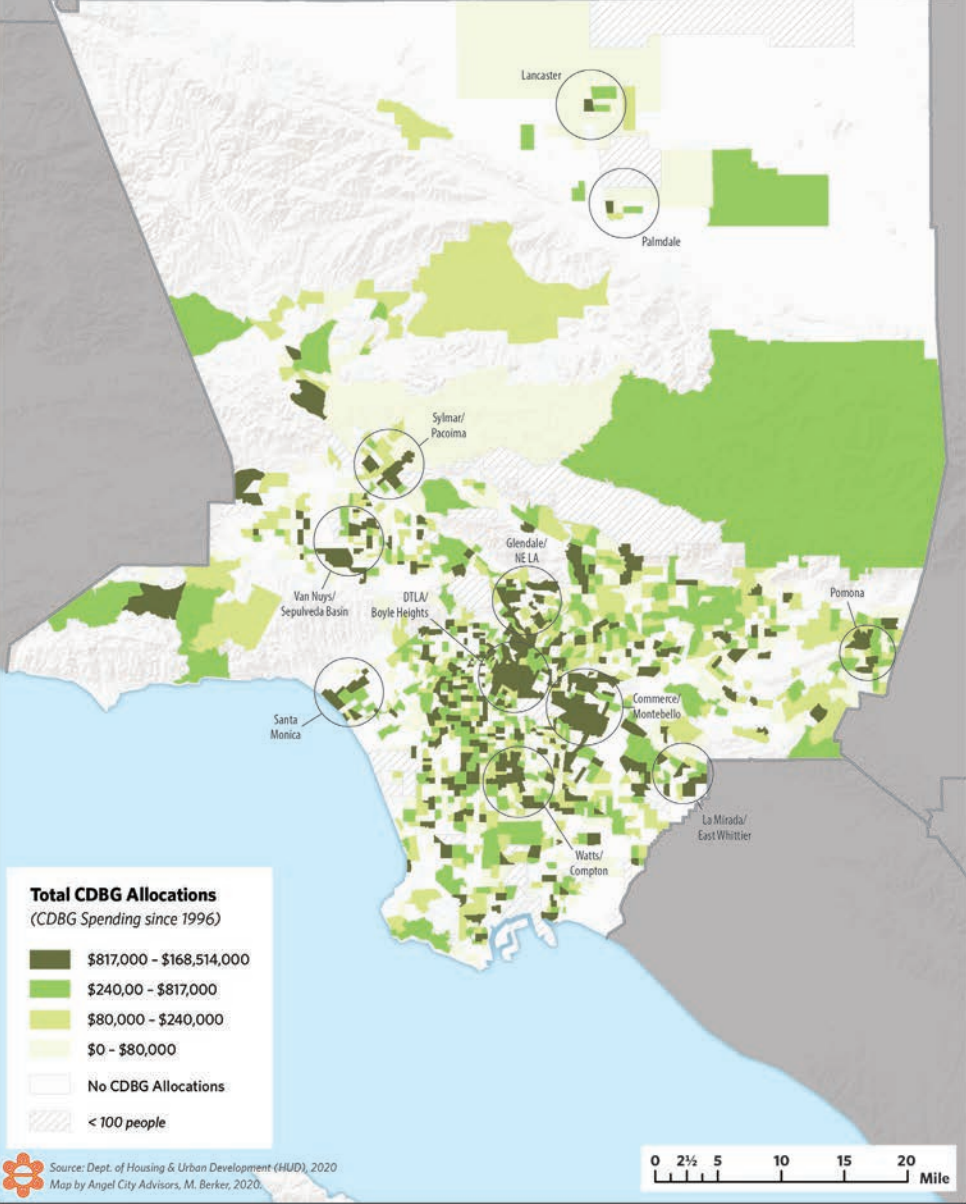
**Disadvantaged Communities
(DAC) per SB 535**

- SB 535 Disadvantaged Community Census Tract (DAC)
- Not a DAC
- < 100 people

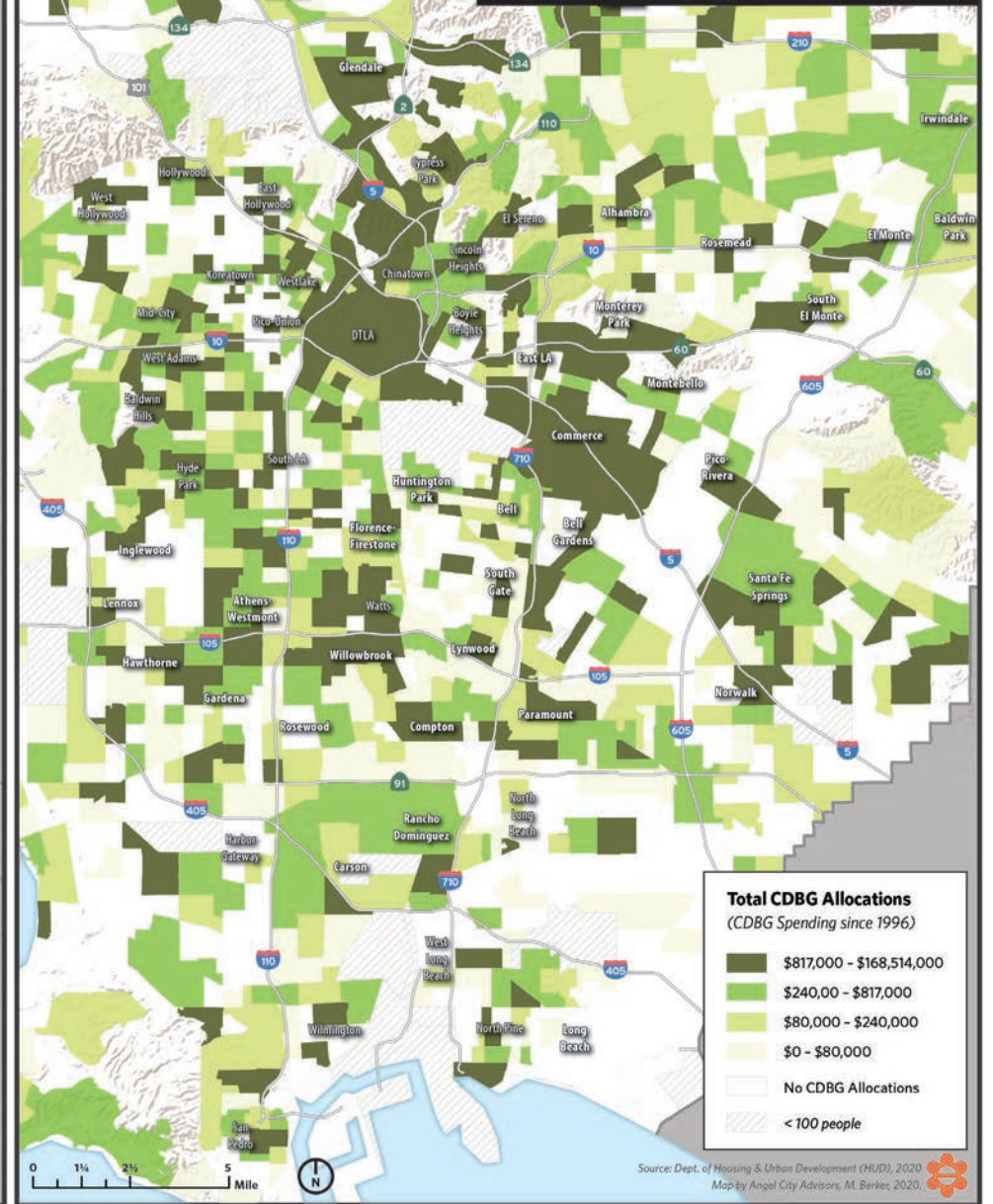


Source: State of California, 2020
Map by Angel City Advisors, M. Berke, 2020.

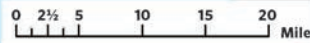
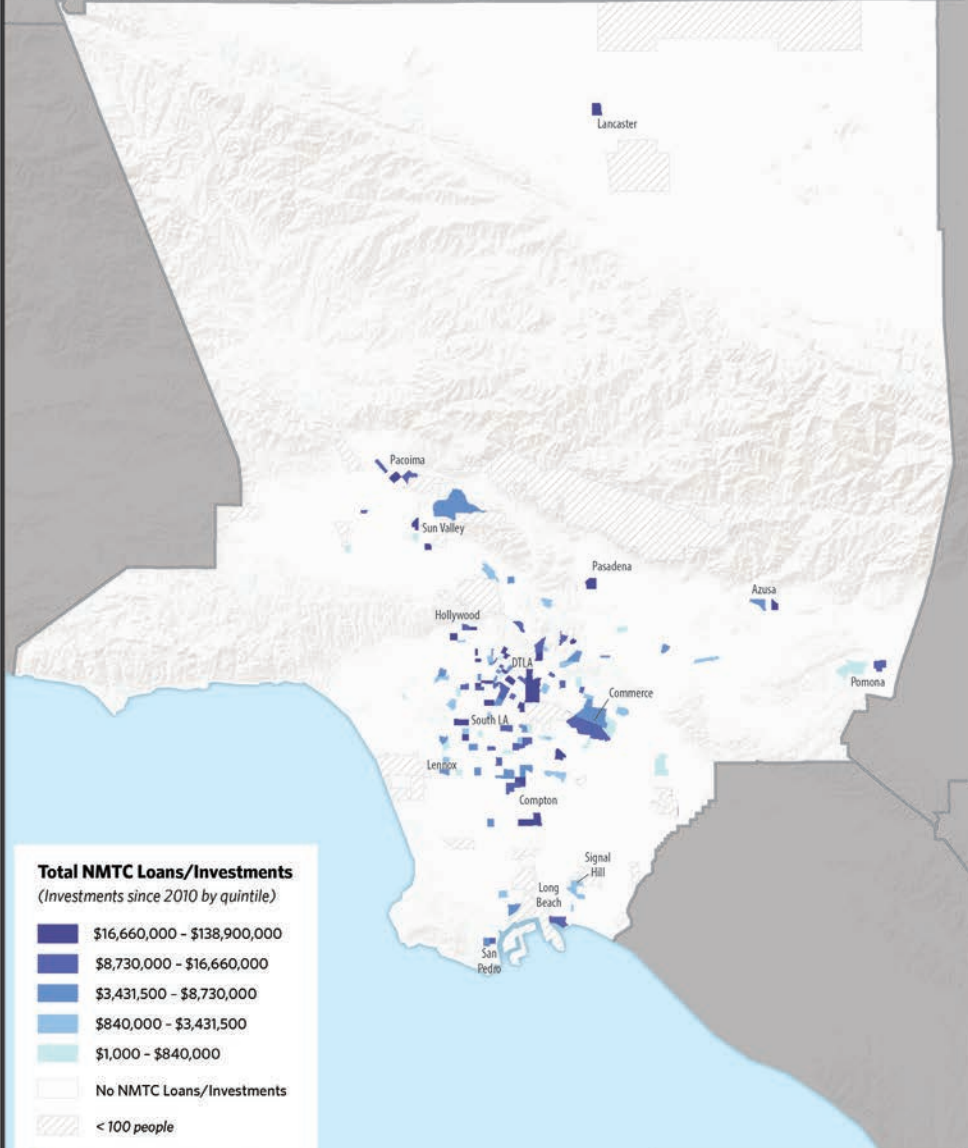
**LOS ANGELES COUNTY EQUITY MAP:
Community Development Block Grant (CDBG) Allocations by Tract**



**LOS ANGELES COUNTY EQUITY MAP:
Community Development Block Grant (CDBG) Allocations by Tract**

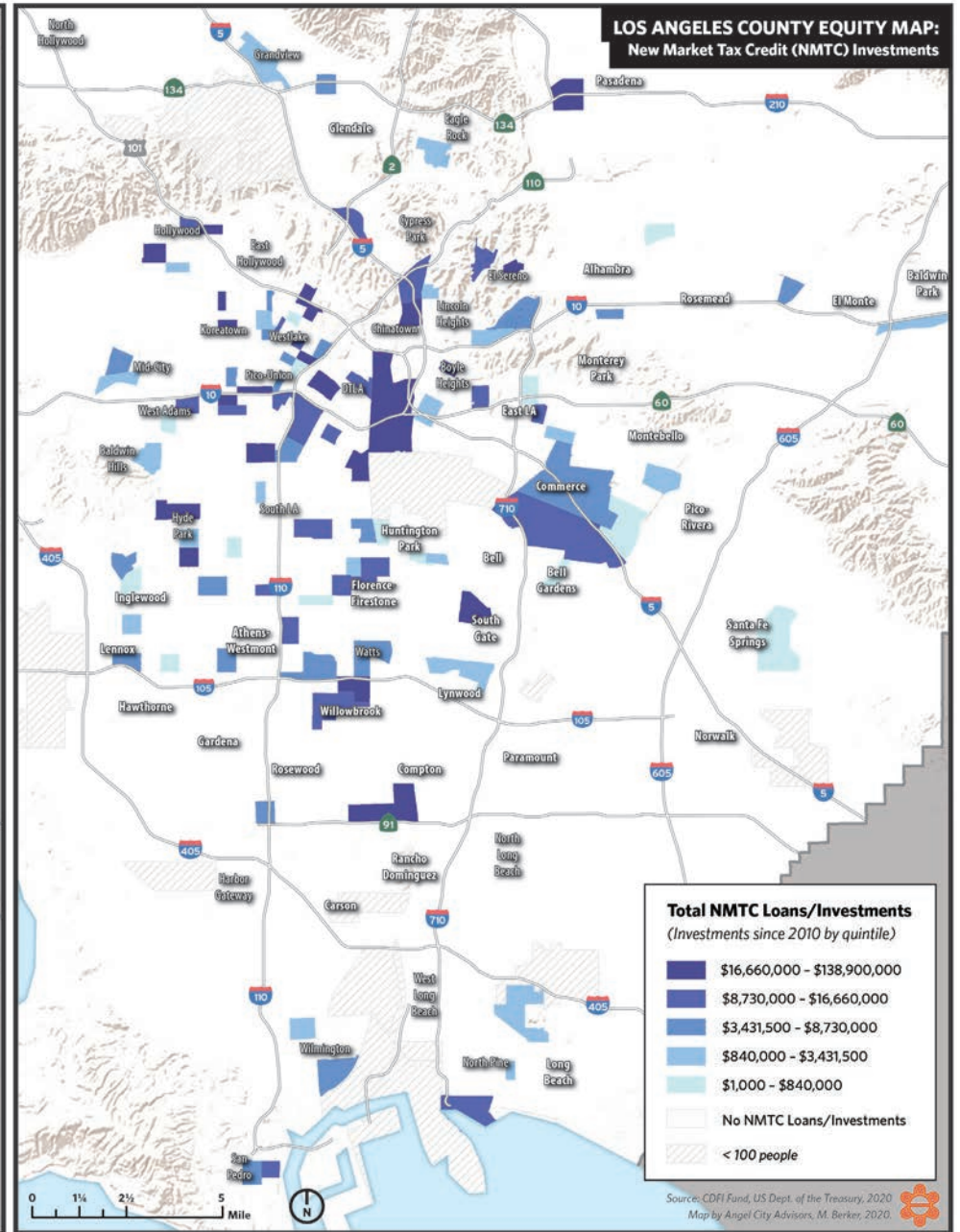


LOS ANGELES COUNTY EQUITY MAP: New Market Tax Credit (NMTC) Investments



Source: CDFI Fund, US Dept. of the Treasury, 2020
Map by Angel City Advisors, M. Berker, 2020.

LOS ANGELES COUNTY EQUITY MAP: New Market Tax Credit (NMTC) Investments



Source: CDFI Fund, US Dept. of the Treasury, 2020
Map by Angel City Advisors, M. Berker, 2020.

About Angel City Advisors

Angel City Advisors facilitates the flow of capital and expertise to expand opportunity, elevate community-generated ideas, and achieve equity among all. We place a premium on market-oriented solutions to social challenges, and take pride in executing our vision at the highest levels with integrity and humility.

We provide a broad portfolio of services that help family offices, fund managers, municipalities and other market participants connect to social enterprises and emerging community voices. We identify, cultivate, and organize pipelines of enterprises, places, initiatives, and projects that merit strategic and programmatic participation. We develop strategies and ecosystems, but also lead individual pilots, prototypes, and ventures.

Our experience is deepest in the following areas:

Strategic Fund Advising and Development

We conceive, structure, and capitalize strategic investment funds that make the world a better place. We also develop pipeline for existing funds and conduct due diligence on specific strategic investment opportunities.

Enterprise Consulting and Mentorship

We prepare startup companies and social enterprises for launch, growth, and capital attraction. We are subject matter experts in certain sectors (such as food) and segments (like low-income and multicultural populations).

Community Capacity Building and Ecosystem Development

We help communities evolve and prepare themselves for greater levels of investment and innovation. We design and execute place-based initiatives, and develop more robust ecosystems, in order to attract and channel market forces for economic development.

Real Estate Advising and Project Management

We assert that physical transformation of communities can translate

to improved health and happiness. We provide real estate strategy, entitlements, stakeholder engagement, and project management for inspiring community developers.

Research, Strategy and Thought Leadership

While we see ourselves as “doers” we understand that strategy fuels effective action and reflection drives innovation. We have been tapped to advise and publish across a number of subjects, including community banking, community development, diversity/equity/inclusion, food enterprise, food finance, strategic investing, leadership and mentoring, social enterprise, and more. This Equity Mapbook project is an example of thought leadership for public benefit.

About Daniel Tellalian, Founder and CEO

Daniel Tellalian is the Founder and CEO of Angel City Advisors. Angel City was created to provide a platform for investors, entrepreneurs, policy leaders, and community voices to come together in pursuit of a more just and sustainable world. It is a place where market-oriented solutions can be designed and executed to address complex problems. Daniel comes to Angel City with over two decades of experience in impact investing, social entrepreneurship, business mentoring, financial transactions, and community economic development.

About Mehmet Berker, Mapper

Mehmet Berker is a cartographer, GIS analyst, graphic designer, and Angeleno. He has collaborated with Daniel on maps, informational graphics, and reports supporting economic development, urban planning, and impact investment strategies for over a decade.

About Los Angeles County

Los Angeles County is the most populous county in the United States with a population greater than 41 U.S. States. Its 88 cities and unincorporated regions serve over 10 million persons across 4,083 square miles. Home to over one-quarter of all Californians, this diverse mega-city is the third largest metropolitan economy in the world with nominal GDP over \$700 billion. It continues to endure structural inequalities.



angelcityadvisors.com