

RACIAL DISPARITIES IN MORTGAGE LENDING IN LOS ANGELES

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Data Team

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MISSION & GOALS

- Replicate the Urban Institute study.
 - “What Different Denial Rates Can Tell Us About Racial Disparities in the Mortgage Market”
- Analyze mortgage denial trends look like over time.
- Analyze mortgage denial trends across demographics.
- Compare city denial rates to the county and state.
- Visualize findings



Choi, Jung Hyun; Mattingly, Peter J. “What Different Denial Rates Can Tell Us About Racial Disparities in the Mortgage Market” Jan 13, 2022. <https://www.urban.org/urban-wire/what-different-denial-rates-can-tell-us-about-racial-disparities-mortgage-market>

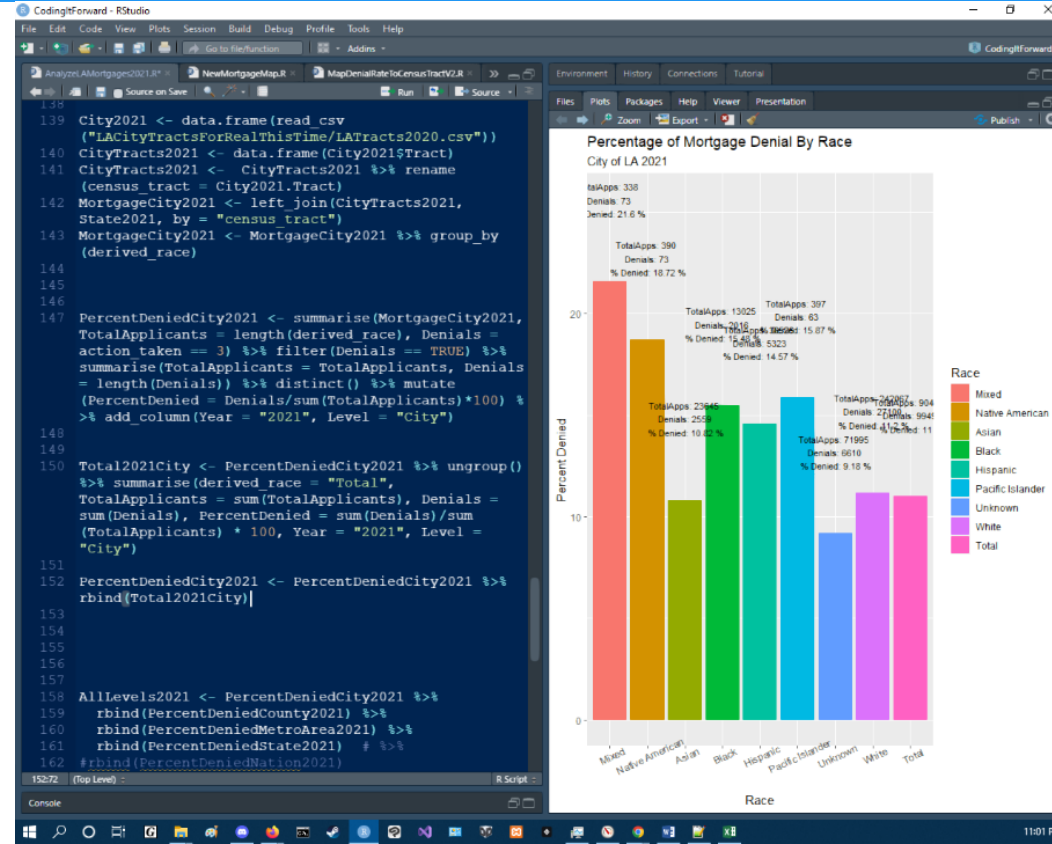
THE DATA

- Data sourced from Federal Financial Institutions Examinations Council (FFIEC)
- Via the Home Mortgage Disclosure Act (HMDA)
- Variables
 - Race/Ethnicity
 - Action Taken (Denied)
 - Loan Purpose
 - Occupancy Type



THE ANALYSIS

- Primary Tool: R Programming Language
- Import data into R Studio
- Extract city data from state data
- Aggregate by chosen variables
- Create rudimentary visualizations



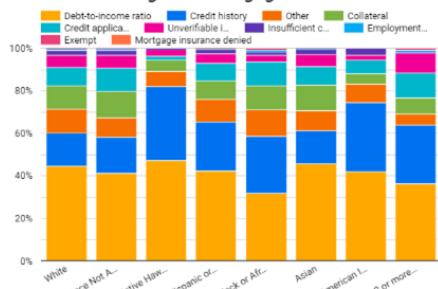
THE RESULTS

Mortgage Denial Reasons Across Ethnicities

2018 Percentages of Mortgage Denial Reasons



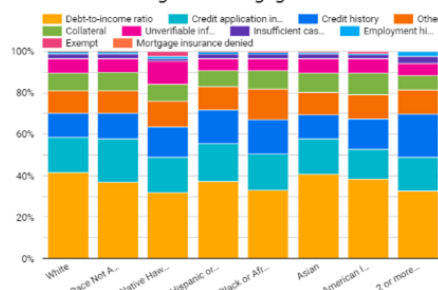
2019 Percentages of Mortgage Denial Reasons



2020 Percentages of Mortgage Denial Reasons

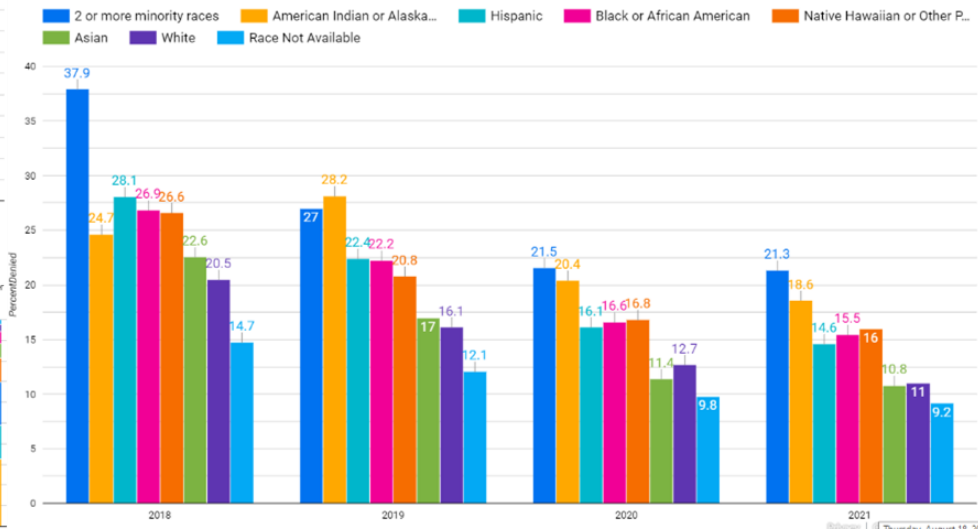


2021 Percentages of Mortgage Denial Reasons



City of LA LA County California

Race



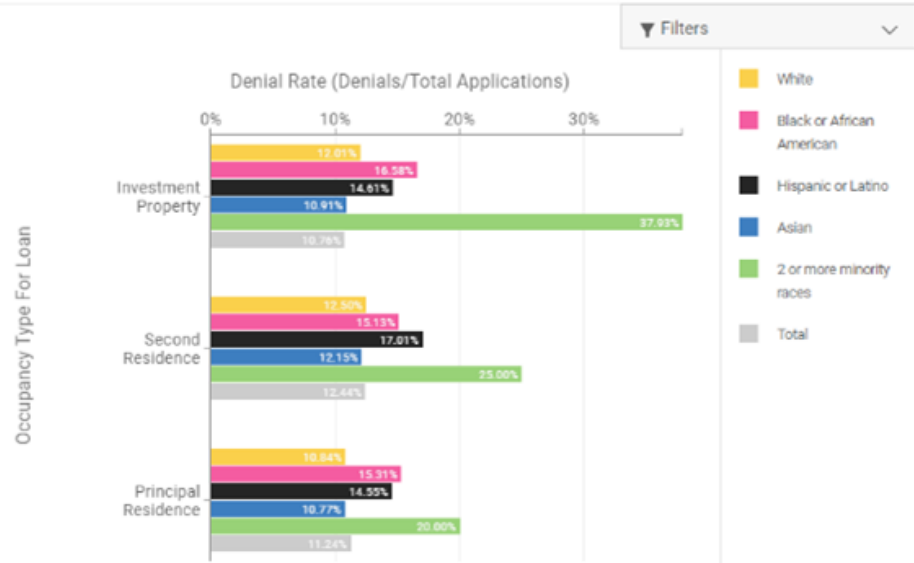
<https://storymaps.arcgis.com/stories/ad80f48015fe40a1b07e1d0f0f729809>

“Racial Disparities in Mortgage Lending in Los Angeles” Story map

THE RESULTS

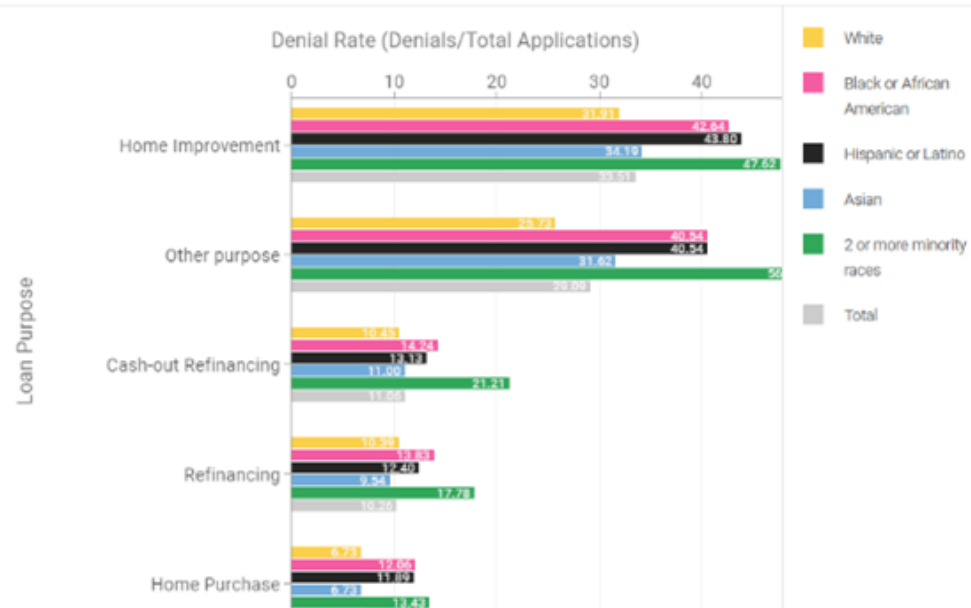
Mortgage Denial Rates by Occupancy Type, by Race and Ethnicity, 2021

Using Data from the Consumer Financial Protection Bureau we find the % of applicants among races whose mortgage applicati...

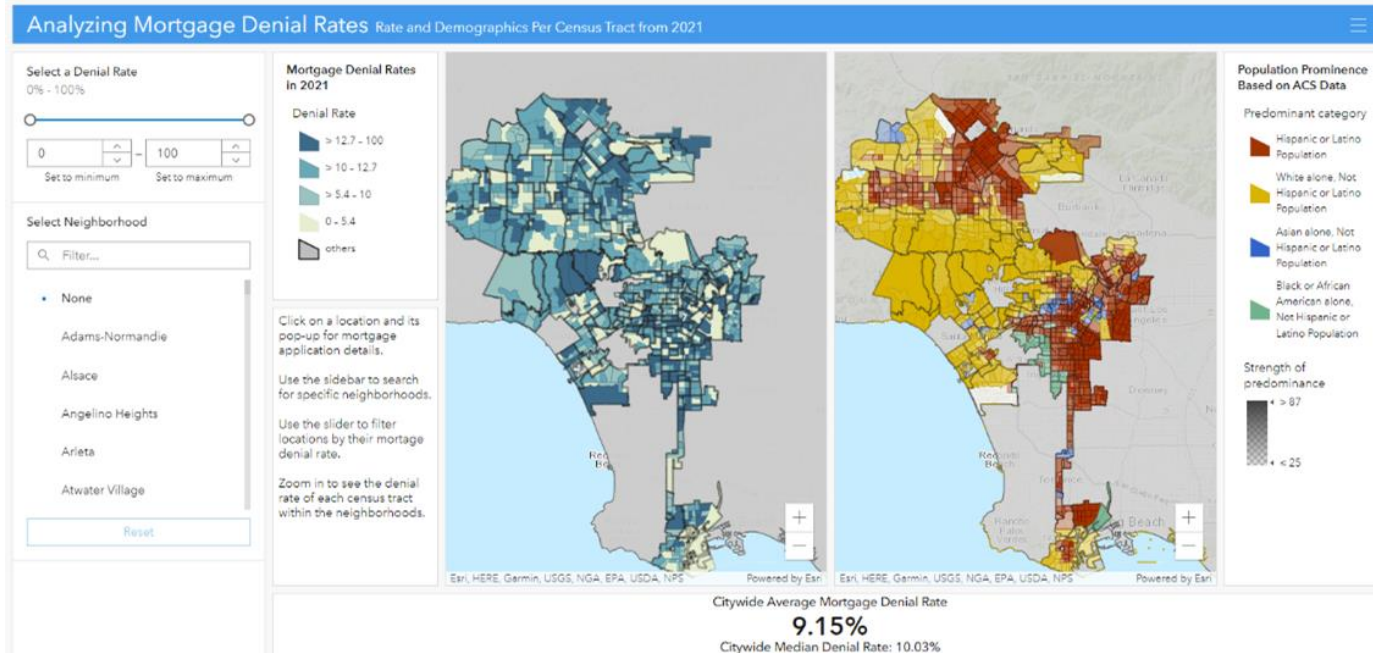


Mortgage Denial Rates for Types of Home Purchase Loans, by Race and Ethnicity, ...

Using Data from the Consumer Financial Protection Bureau we find the % of applicants among races whose mortgage applicati...



THE DASHBOARD



“Analyzing Mortgage Denial Rates and Race By Census 2021 Dashboard”

<https://arcg.is/OKGfne>

THANK YOU



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