# Using Tableau to Maximize Data Access and Impact Housing Policy 

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## We open the doors to an affordable place to call home

- Developing, rehabbing, and financing low- to moderateincome housing
- Helping homebuyers and renters find quality affordable housing that meets their needs
- Providing mortgage and utility assistance to struggling homeowners



## Using Tableau Dashboards to Help Support OHFA Programs



HOMEOWNERSHIP RATE
RATE OVER TIME RACE GAP OVER TIME RACE GAP BY INCOME
Quarterly Homeownership Rates for the U.S. \& Ohio
620

RATE BY COUNTY RACE GAP by region
Homeownership Rate

## Nnership Rate

## Ohio Housing Needs Assessment

- Technical supplement to OHFA's Annual Plan
- Data to identify challenges and inform strategic priorities
- Previously a static, printed book of up to 200 pages



## Improving Accessibility

- Web-based format
- Interactive Tableau maps and data visualizations
- Links to downloadable Excel files and data sources
- Allowed for:
- Efficient use of resources
- Ability to make edits, update
- Increased accessibility
- More content, information



## Compact Design

HOMEOWNERSHIP RATE


Source: Current Population Survey/Housing Vacancy Survey (CPS/HVS), U.S. Census Bureau

Homeownership Rate


Source: 2017-2021 American Community Survey (ACS) Five-Year Estimates, Table B25003; 2021 Current Population Survey/Housing Vacancy Survey (CPS/HVS), U.S. Census Bureau

## Innovative Data Visualizations

## MORTGAGE LOAN DENIAL

RATE OVER TIME
RATE BY LOAN PURPOSE
RATE BY RACE
RACE GAP OVER TIME RACE GAP BY INCOME

Denial Rate Gap, Black \& White


10\%

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Source: Home Mortgage Disclosure Act (HMDA) data, Consumer Financial Protection Bureau
RATE BY REGION RATE BY COUNTY RACE GAP BY REGION

Denial Rate Gap, Black \& White, by Region

10\%
Central Ohio NEOhio NW Ohio SEOhio SW Ohio

Source: Home Mortgage Disclosure Act (HMDA) data, Consumer Financial Protection Bureau

## Process of Producing an Online Data Report in Tableau

1. Create a project plan
2. Collect, organize, and analyze the data
3. Create Tableau visualizations
4. Decide what to include in the tooltips
5. Publish dashboards
6. Plan and build webpages
7. Review, quality check, and make edits
8. Go live

Demonstration

## OHIO HOUSINC

FINANCE AGENCY
FY 2024 HOUSING NEEDS ASSESSMENT SECTIONS:

FISCAL YEAR 2024
OHIO HOUSING NE=DS
ASSESSMIT

## EXECUTIVE SUMMARY

The Ohio Housing Needs Assessment uses a wide range of data to identify the scale and scope of Ohio's housing challenges. As part of OHFA's annual planning process, the assessment plays a critical role in providing baseline information that the Agency uses to determine its strategic priorities. The following executive summary highlights the key trends related to affordable and accessible housing throughout Ohio.

Check out the Ohio Housing Needs Assessment at: https://ohiohome.org/research/housingneeds.aspx

Questions? Email us at:<br>Research@ohiohome.org

