Mapping, Census 2020, and Baltimore's Communities

Cheryl Knott Research Manager

cknott@ubalt.edu







About BNIA-JFI

- Non-profit started about 20 years ago by local stakeholders, housed within **Jacob France Institute** at **University of Baltimore**
- "One-stop-shop" for comprehensive, non-partisan data indicators and training
 - Multiple topic areas
 - ► Longitudinal data (2000 2021)
- Member of the National Neighborhood Indicators Partnership at Urban Institute
 - ▶ 30+ cities focusing on data democratization
 - http://www.neighborhoodindicators.org







Yearly report of our comprehensive aggregated indicators; Vital
 Signs 20 to be released virtually next spring with all data through

2020







Housing and Community Development



and Children and nity Family Health nent and Well-Being



Crime and Saftey



Workforce and Economic Development



Arts and Culture



Education and Sustainability Youth



 BNIA Open Data Portal; data also cross-posted on Open Baltimore (both Esri Hubs)





Community Statistical Areas



Census Defined



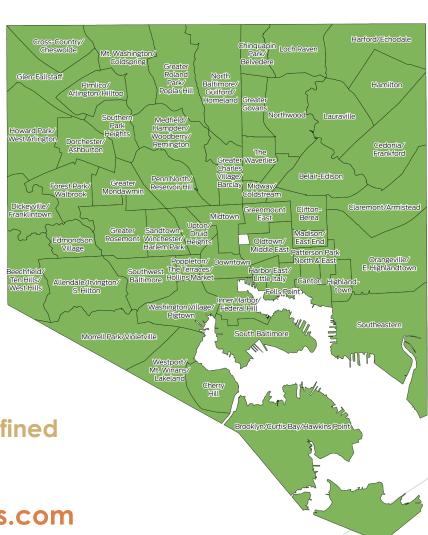




Community Statistical Area

BNIA Defined

vital-signs-bniajfi.hub.arcgis.com data.baltimorecity.gov









U.S. Decennial Census

- Data releases:
 - ▶ Individual household records: 72 years
 - ▶ Generalized summaries: ~1.5 years

Data variables: total population, race/ethnicity, sex, age, housing units

▶ P.L. 94-171 Redistricting data for 2020 – first look August 2021





- ► Total annual sample survey of ~3.5 million Americans
- Due to sampling size, data available at different geographic units across time
 - ▶ 1-Year ACS states, most counties (2019)
 - ▶ 3-Year ACS states, smaller size counties (2017-2019)
 - ▶ 5-Year ACS* states, all counties, sub-counties (2015-2019)

*Even with 5 years of data, margins of error are high due to the smaller geographic area and smaller population sampled

Socio-economic status (SES) data: income, educational attainment, labor force/employment, commuting, etc. in addition to population data (race/age/sex/etc.)





Population Change



Growing

Stable

Declining

Problems of Growth

Maintenance

Problems of Contraction

Congestion

Rise in Housing Costs ncreased

Displacement Fear

School Quality Marketing

Rehabilitation

Vacant Buildings

High Unemployment Concentrated Poverty

School Closings Violent Crime

Deserts Food INDICATORS ALLIANCE **lacob France Institute**



Census Geographies

Country State County

Tract
Block Group
Block

Address

Federal Information Processing Standard (FIPS) Codes Unique GEO ID

24 Maryland

510 Baltimore City

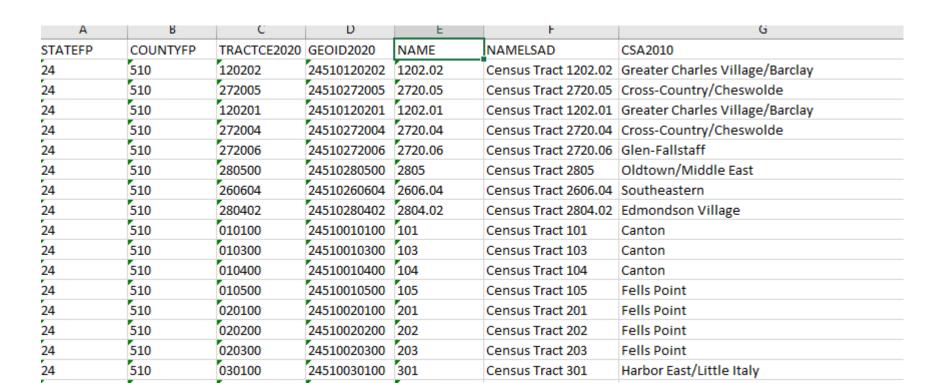
020100 Tract 201

1 Block Group 1

004 Block 4

245100201001004



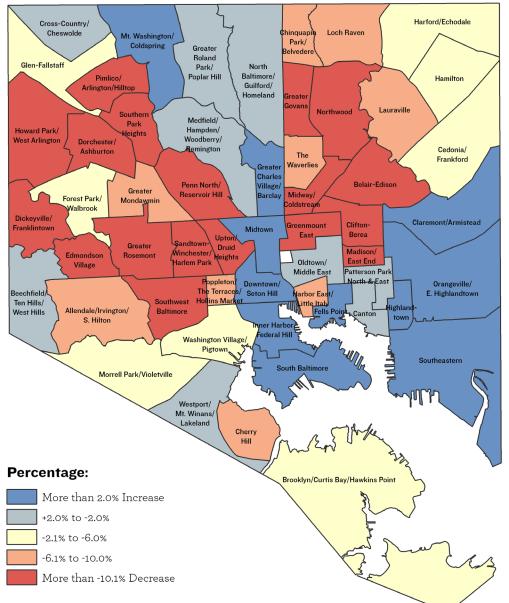


Crosswalk example: Tracts to Community

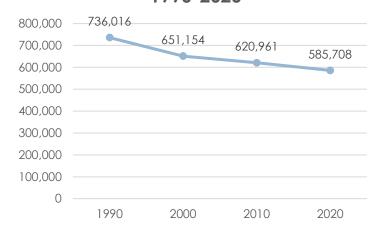




Preliminary Population Change by Community Statistical Area, 2010-2020



Baltimore City Population Loss, 1990-2020







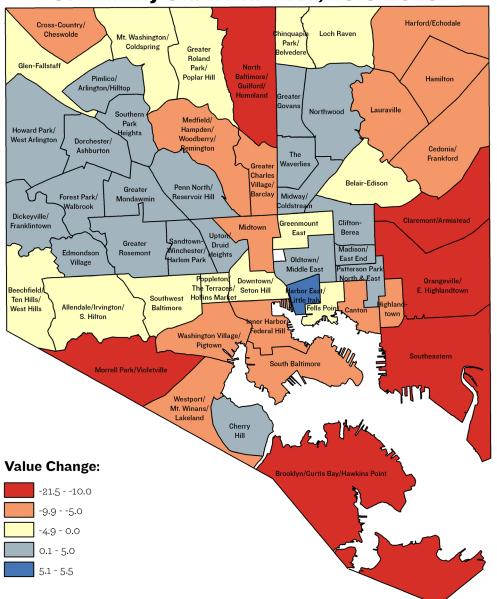
Percent of Residents - Black/African-American Population Change by

Community Statistical Area, 2010-2020 Harford/Echodale Cross-Country/ Loch Raven Cheswolde Mt. Washington/ Park/ Coldspring Greater Glen-Fallstaff Park/ North Poplar Hill Baltimore/ Pimlico/ Hamilton Guilford/ Arlington/Hilltop Homeland ovans Lauraville Northwood Hampden/ Howard Park/ West Arlington Woodberry/ Remington Cedonia/ The Frankford Greater Charles Belair-Edison Village/ Penn North/ Greater Barclay Midway/ Forest Park/ Dickeyville/ Claremont/Armistead Clifton-Franklintown Berea East. Greater Druid Winchester, Edmondson East End Harlem Park Village Middle East Poppleton Downtown/ Orangeville/ The Terrace Beechfield Seton Hill E. Highlandtown Southwest Hollins Market Ten Hills/ Allendale/Irvington/ Baltimore West Hills Canton S. Hilton Washington Village/ Pigtown Southeastern Morrell Park/Violetville Westport/ Mt. Winans Lakeland Cherry Value Change: Brooklyn/Curtis Bay/Hawkins Point -13.9 - -10.0 -9.9 - -5.0 -4.9 - 0.0 0.1 - 5.0 5.1 - 10.8





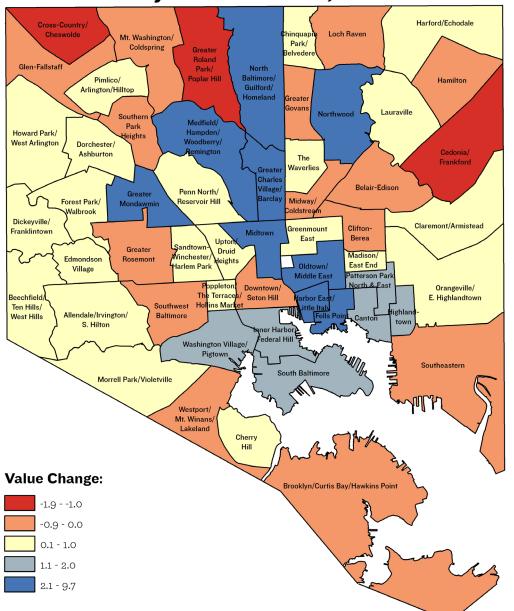
Percent of Residents - White/Caucasian Population Change by Community Statistical Area, 2010-2020







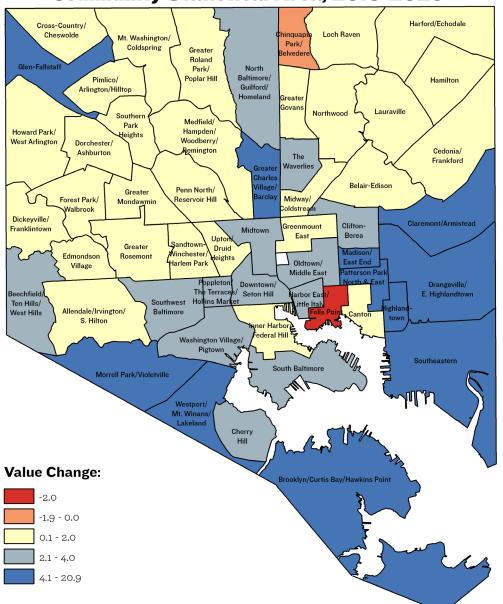
Percent of Residents - Asian Population Change by Community Statistical Area, 2010-2020







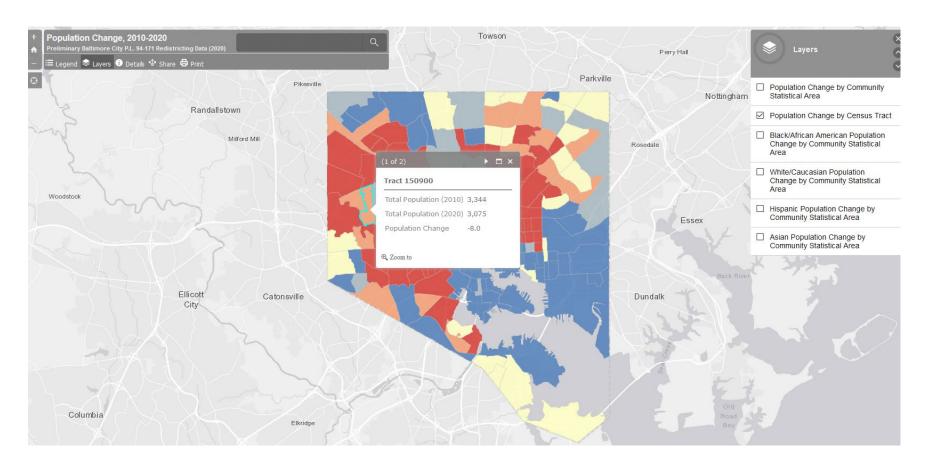
Percent of Residents - Hispanic Population Change by Community Statistical Area, 2010-2020







Community Change Mapping

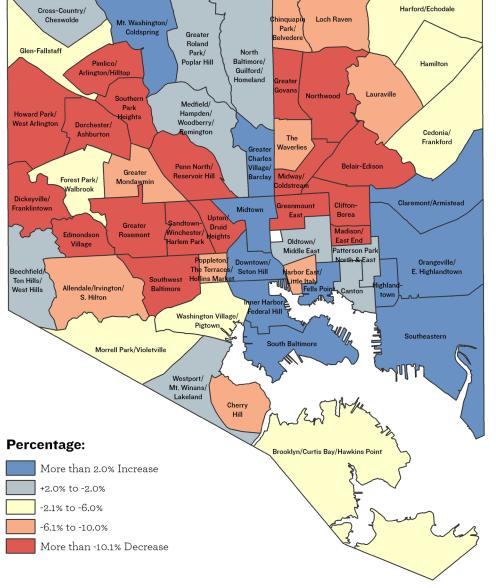


https://bit.ly/30Hee1T

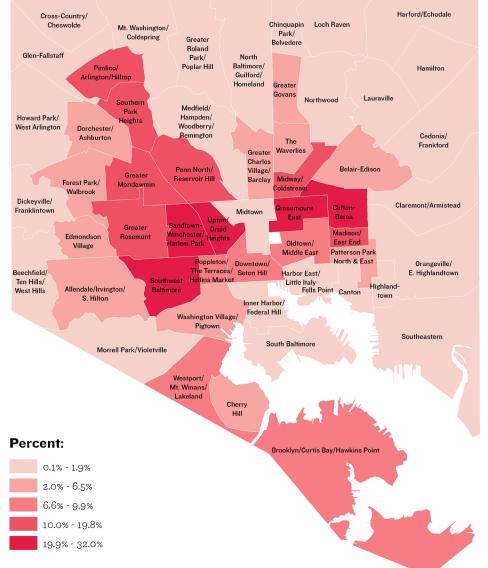




Preliminary Population Change by Community Statistical Area, 2010-2020

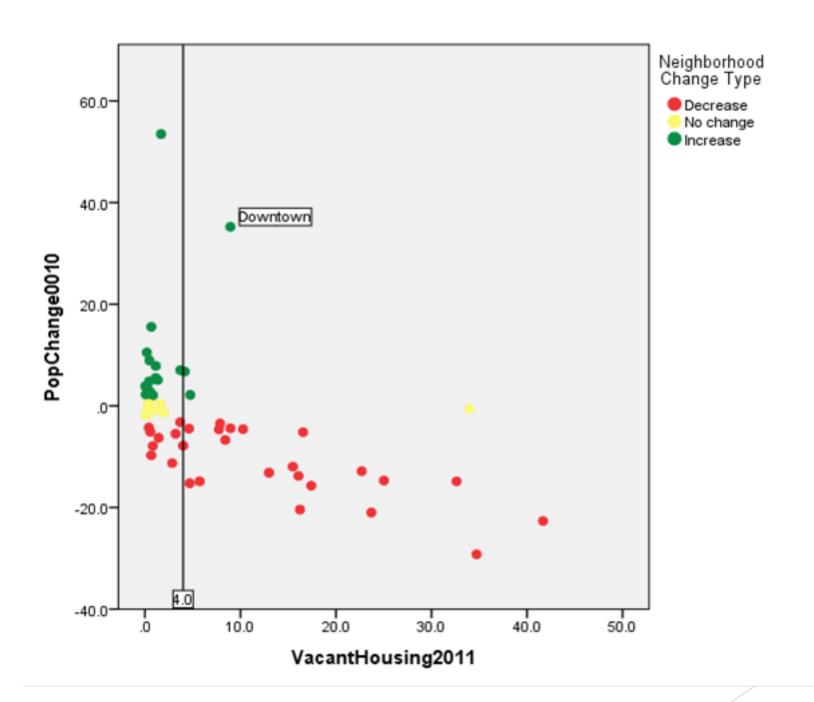


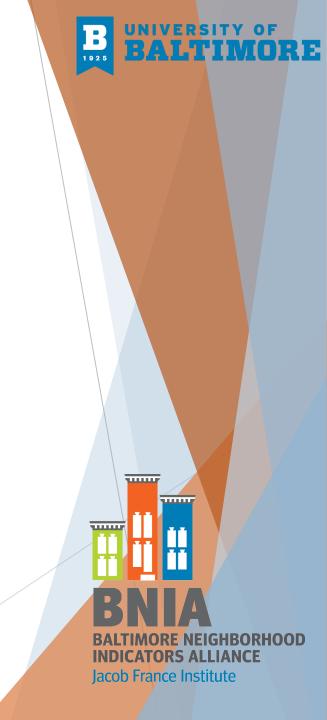
Percentage of Residential Properties that are Vacant and Abandoned, 2020



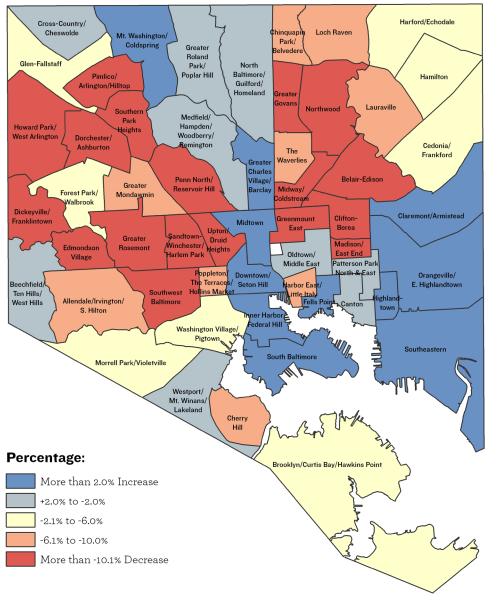




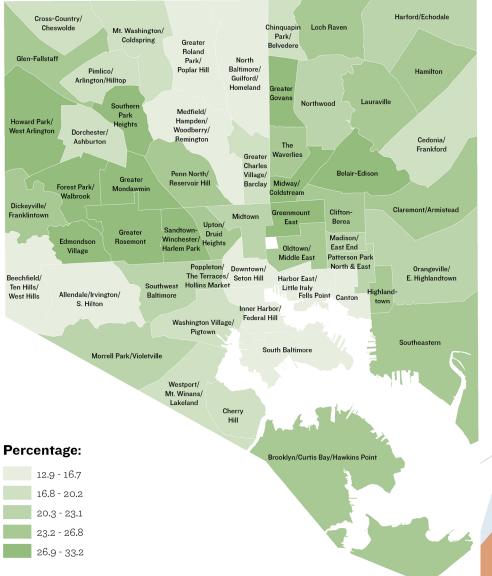




Preliminary Population Change by Community Statistical Area, 2010-2020

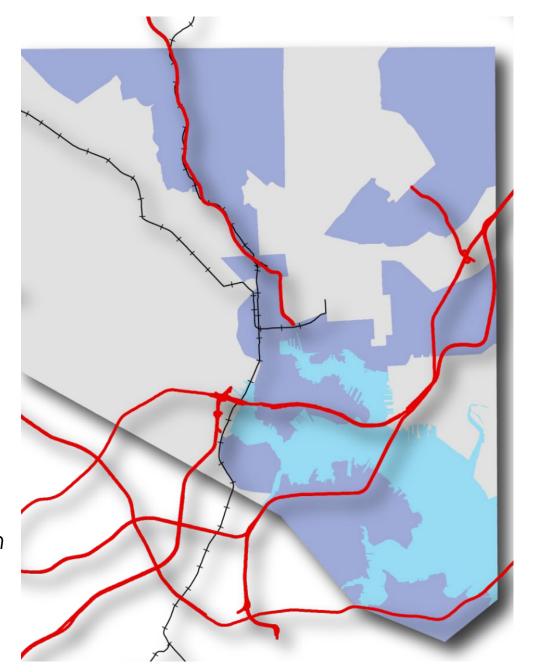


Percent of Employed Population with a Travel Time to Work of 45 Minutes or More, 2015-2019









Communities that grew in total population from 2000 to 2010 and major roads/rail







Community Change Research

Issue Brief #1 How Have Baltimore's Neighborhoods Changed by Population Size and Socio-demographics

Issue Brief #2 How Have Baltimore's Neighborhoods Ensured Housing Diversity for All

Issue Brief #3 How Have Baltimore's Neighborhoods Ensured Building Occupancy and Rehabilitation

Issue Brief #4 How Have Baltimore's Neighborhoods Increased Accessibility and Mobility

Issue Brief #5 How Have Baltimore's Neighborhoods Become More Connected

Issue Brief #6 How Have Baltimore's Neighborhoods Improved Quality of Life





Cheryl Knott cknott@ubalt.edu

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