Baltimore Data Day 2017
Accessing Open Data for Neighborhood Action

#BaltimoreDataDay
@bniajfi
www.bniajfi.org

BNIA
Baltimore Neighborhood Indicators Alliance
Jacob France Institute

PNC BANK

AECOM

T.RowePrice
Invest with Confidence

Kaiser Permanente

The Annie E. Casey Foundation

University of Baltimore
Knowledge That Works
What is Neighborhood?

Baltimore is a City of Neighborhoods

_Durable_ properties of places based on people, history, geography

*Robert Sampson, Great American City* 2012
Community Based Indicators

- Neighborhood context influences how activities and policies take hold.
- Bits of information that, when combined, generate a picture of what is happening in a local system.
- They provide insight into and ongoing monitoring of the overall direction of a community.

Rhonda Phillips, *Community Indicators* 2003
Which Indicators
We Heard From Communities

- Begin in 2000 through a community-based outreach process
- Community Roundtables again in 2011 for the next decade
- Community perceptions on quality of life

<table>
<thead>
<tr>
<th>Racial Diversity Index</th>
<th>Properties under foreclosure</th>
<th>Vacant and abandoned housing</th>
<th>Crime rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unemployment rate</td>
<td>High School Drop out rate</td>
<td>Dirty Streets and Alleys</td>
<td>Alternative Transportation Use</td>
</tr>
<tr>
<td></td>
<td>Walk Score</td>
<td></td>
<td>Poverty Rate</td>
</tr>
</tbody>
</table>
We Learn from Research

- Cash-Based Sales
- Historic Property Tax Credit
- Weatherized Homes
- Library Membership Rate
- Healthy Food Availability
- Mortality Rates

Average Healthy Food Availability Index, 2015

Score (0-28.5)
- 0.0 - 2.0
- 2.1 - 9.3
- 9.3 - 11.3
- 11.4 - 15.2
- 15.3 - 28.5

Natural breaks method used for displaying data.
Source: Johns Hopkins, Center for a Livable Future

Map created by BMA-JFL, 2017
We Work with Baltimore Groups

Kindergarten Readiness

% of Students Switching Schools

Life expectancy

Event Permits

No-Vehicle Households

Miles of Bike Lanes

Tax Lien Sales

Percentage of Residential Tax Lien Sales, 2015

Rate per 1,000 Residential Properties:
- 0.4% - 1.8%
- 1.9% - 3.5%
- 3.6% - 6.1%
- 6.2% - 10.3%
- 10.4% - 16.3%

Natural breaks method used for displaying data. Source: BJA/BJI, Tax Property View.

Map created by BNA-JFI, 2017.
Project funded by the Annie E. Casey Foundation
Available at the CSA data FREE on BNIA-JFI website
Supply of Housing
What’s New in
Median Price of Homes Sold - 2015

<table>
<thead>
<tr>
<th>Community</th>
<th>2010</th>
<th>2015</th>
<th>Value Change</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Baltimore</td>
<td>$69,812.7</td>
<td>$97,441.0</td>
<td>27628.3</td>
<td>39.6%</td>
</tr>
<tr>
<td>Canton</td>
<td>$74,685.1</td>
<td>$95,362.0</td>
<td>20676.9</td>
<td>27.7%</td>
</tr>
<tr>
<td>Fells Point</td>
<td>$64,113.2</td>
<td>$82,263.0</td>
<td>18149.8</td>
<td>28.3%</td>
</tr>
<tr>
<td>Downtown/Seton Hill</td>
<td>$33,873.7</td>
<td>$46,133.0</td>
<td>12259.3</td>
<td>36.2%</td>
</tr>
<tr>
<td>Hamilton</td>
<td>$52,678.3</td>
<td>$63,600.0</td>
<td>10921.7</td>
<td>20.7%</td>
</tr>
</tbody>
</table>
Housing Demand

- 19% Percent of Family Households Living Below the Poverty Line
- 1 in 5 households are eligible for a housing voucher (46,000)
- ~10,000 households have a voucher; 15,000 are on a waitlist
- Voucher value is set at the Metro Fair Market Rent

**Final FY 2015 FMRs By Unit Bedrooms**

<table>
<thead>
<tr>
<th>Efficiency</th>
<th>One-Bedroom</th>
<th>Two-Bedroom</th>
<th>Three-Bedroom</th>
<th>Four-Bedroom</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$833</td>
<td>$985</td>
<td>$1,232</td>
<td>$1,574</td>
</tr>
</tbody>
</table>

- Baltimore is operating in a housing scarcity market
1. Increase Housing Diversity in Every Neighborhood

<table>
<thead>
<tr>
<th>Key Indicators</th>
<th>Baltimore City</th>
<th>Washington Village/ Pigtown</th>
<th>Canton</th>
</tr>
</thead>
<tbody>
<tr>
<td>Median Sales Price of Homes</td>
<td>$125,000</td>
<td>$107,750</td>
<td>$302,900</td>
</tr>
<tr>
<td>Affordability Index – Spending more than 30% of Income on Rent</td>
<td>51.6%</td>
<td>67.2%</td>
<td>30.3%</td>
</tr>
<tr>
<td>Rate of Housing Vouchers per 1,000 Rental Units</td>
<td>127.8</td>
<td>294.2</td>
<td>11.0</td>
</tr>
<tr>
<td>Percent of Households Earning $75,000+</td>
<td>27.0</td>
<td>29.2</td>
<td>63.3</td>
</tr>
</tbody>
</table>
Key Recommendations

1. Adopt the **Small Area Fair Market Rent** demonstration program. Rent set at median for the zipcode.

2. Only 1,000 vouchers turnover every year. Need a pipeline of programs **specific for the high voucher-use** neighborhoods (Belair-Edison, Washington Village/Pigtown, Madison/East End)

3. Address the scale of the 15,000+ housing assistance waitlist.
Vacant Housing
Population Change & Vacant Housing

- Neighbohood Change Type
  - Decrease
  - No change
  - Increase

- Neighborhoods:
  - Downtown
  - Sandtown-Winchester/ Harlem Park
What's New in Vital Signs 15

Percentage of Residential Properties that are Vacant and Abandoned

Topic Area: Housing And Community Development
Source: Baltimore City Department of Housing

The percentage of residential properties that have been classified as being vacant and abandoned by the Baltimore City Department of Housing out of all properties. Properties are classified being vacant and abandoned if: the property is not habitable and appears boarded up or open to the elements; the property was designated as being vacant prior to the current year and still remains vacant; and the property is a multi-family structure where all units are considered to be vacant.

Legend
- Baltimore City
- Greater Charles Village/Barclay
- Sandtown-Winchester/ Harlem Park
Percent of Residential Properties that are Vacant and Abandoned, 2015

Percent:
- 0.1% - 1.3%
- 1.4% - 3.6%
- 3.7% - 6.8%
- 6.9% - 20.0%
- 20.1% - 35.4%

Total:
- 107 - 291
- 292 - 536
- 537 - 773
- 774 - 987
- 988 - 1453

Number of Students Ever Attended 1st - 5th Grade, 2014-2015 School Year

Natural breaks method used for displaying data.
Source: Baltimore Housing; MdProperty View
Map created by BNIA-JFI, 2015
Source: Baltimore City Public Schools
Map created by BNIA-JFI, 2015
2. Reduce or maintain vacant and abandoned housing below 4% in every neighborhood

<table>
<thead>
<tr>
<th>Key Indicators</th>
<th>Baltimore City</th>
<th>Sandtown-Winchester/ Harlem Park</th>
<th>Greater Roland Park/Poplar Hill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage of Residential Properties that are Vacant and Abandoned</td>
<td>8.2%</td>
<td>35.4%</td>
<td>0.1%</td>
</tr>
</tbody>
</table>
Key Recommendations

1. Need a plan for high vacancy neighborhoods

Percentage of Residential Properties that are Vacant and Abandoned - 2015

- Sandtown-Winchester/Harlem Park
- Upton/Druid Heights
- Greenmount East
- Southwest Baltimore
- Clifton-Berea
- Oldtown/Middle East
2. Ensure middle vacancy neighborhoods do not cross over to high vacancy neighborhoods
Travel Time to Work
What’s New in VITAL SIGNS

Percent Commuting 45+ Minutes, 2011-2015

<table>
<thead>
<tr>
<th>Community</th>
<th>2006-2010</th>
<th>2011-2015</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Downtown/Seton Hill</td>
<td>11.4</td>
<td>10.7</td>
<td>-0.7</td>
</tr>
<tr>
<td>Sandtown-Winchester/Harlem Park</td>
<td>30.1</td>
<td>34.4</td>
<td>4.3</td>
</tr>
<tr>
<td>Baltimore City</td>
<td>19.0</td>
<td>20.4</td>
<td>1.4</td>
</tr>
</tbody>
</table>
Percent of Employed Population with a Travel Time to Work of 45+ Minutes, 2010-2015

Unemployment Rate, 2010-2015

Percent:
- 10.7% - 14.9%
- 15.0% - 19.2%
- 19.3% - 23.4%
- 23.5% - 28.5%
- 28.6% - 34.4%

Unemployment Rate:
- 2.4% - 5.9%
- 6.0% - 8.3%
- 8.4% - 12.1%
- 12.2% - 16.8%
- 16.9% - 21.7%

Source: American Community Survey
Map created by BNA-JFI, 2017
3. **Reduce the percentage of households traveling more than 45 minutes to get to work**

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<tr>
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<th>Sandtown-Winchester/Harlem Park</th>
<th>Downtown/Seton Hill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent of Employed Population with Travel Time to Work of 45 Minutes and Over</td>
<td>20.4%</td>
<td>34.4%</td>
<td>10.7%</td>
</tr>
<tr>
<td>Unemployment Rate</td>
<td>11.4</td>
<td>16.6</td>
<td>4.8</td>
</tr>
</tbody>
</table>
Key Recommendations

1. Workforce training programs should focus on connecting people to proximate jobs

2. More jobs in the neighborhood/closer to the high commute neighborhoods

3. Better transit
Strategic Vision for BNIA-JFI

LIVING DATA

Place-Informed Decision Making

Demonstrable Impact

Alliance of Data Champions
Community Voices on

Robert A. DeAlmeida, President & CEO, Hamilton Bancorp Inc. and Hamilton Bank & Chair of the Merrick School of Business Advisory Committee

- George Mitchell, Neighborhoods United
- Lauren Kelly-Washington, Gwynns Falls Neighborhood Association
- Janet Allen, Heritage Crossing Resident Association
Changing Demographics
Why is measuring arts and culture important?

- Tell a more inclusive data story about what’s going on in neighborhoods
- Raise awareness about equitable distribution of resources and representation of cultural assets
- Heighten awareness of art opportunities among wide audiences, including arts organizations, businesses, developers, and policymakers
• Build from BNIA-JFI’s expertise as a data-gatherer

• Centralized source for geographically-based arts and culture data for neighborhoods

• Interactive, web-based, publicly-accessible

• Allow for crowdsourcing of information

• Available July 2017

• Learn more at geoloom.org