Baltimore Region Building Permit Data System

Maryland Planning Directors' Roundtable

April 29, 2021

BMC BRTB Baltimore Regional Transportation Board

Presentation Overview

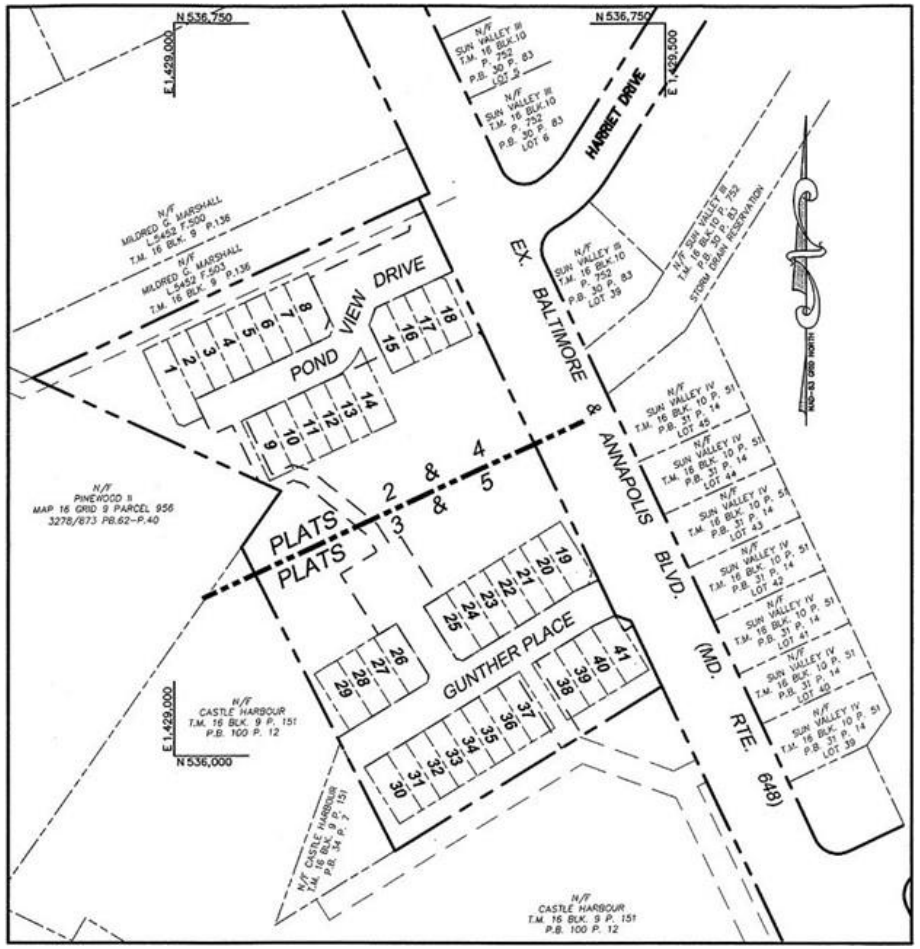
What is the Building Permit Data System?

- Where the data comes from
- What is in the database
- How the data is used
- The data products

Where does the data come from and how is it processed?

- **Building permit data is provided by local jurisdictions**
  - Database includes all permits >=$10,000 in estimated cost
  - Permits w/ estimated cost >= $50,000 are geocoded

- **Weekly building permit data system maintenance**
  - Upload of permits received from local jurisdictions
  - Conversion of permits to a regional coding system
  - Data review and quality control



What is in the Database?

Twenty Years of Building Permits

New Residential

- Single Family Detached
- Single Family Attached
- Multi-family
- Etc

Additions / Alterations / Repairs

- Residential

New Non-Residential Projects

- Office
- Industrial
- Commercial/Retail
- Etc

Additions / Alterations / Repairs

- Non-residential

New Mixed Use

- Residential and Non-residential use in same building

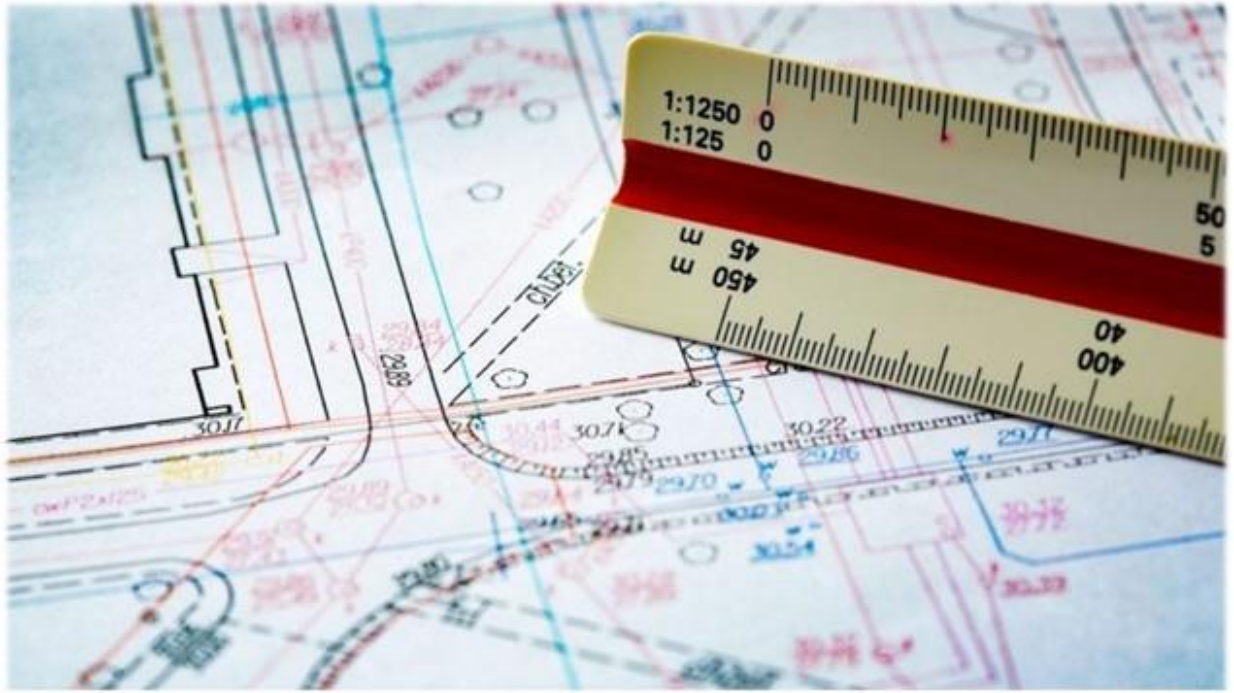
How is the Data Used?

Internally

- Transportation Analyses
- Building Permits Spatial layer
- Cooperative Forecasting Group
- Housing Analyses

Externally

- Local Planning Departments
- County Budget Offices
- Local Departments of Transportation
- Economic Development Agencies
- State Agencies
- Public

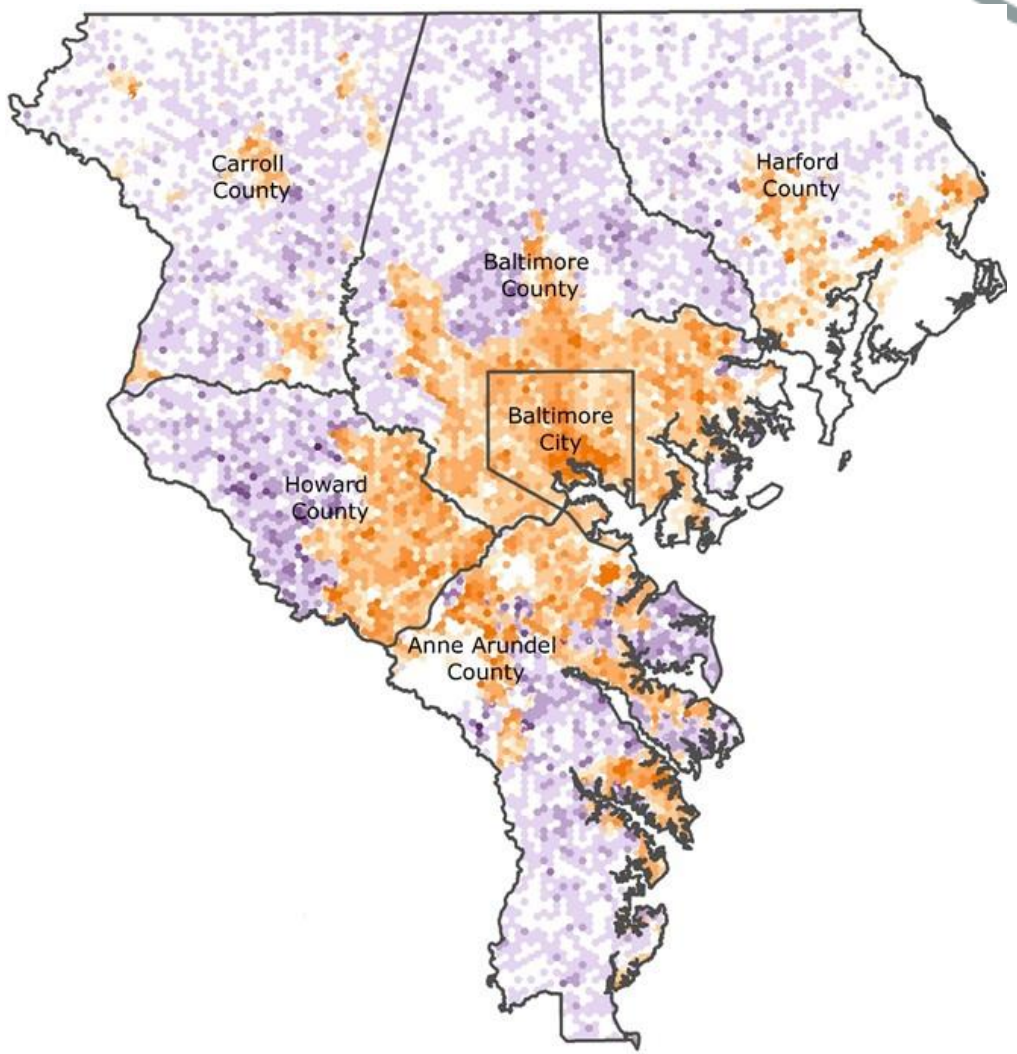


kalasek/iStock)

What are the Data Products?

Reports and Tools:

- Annual, Quarterly, Monthly Reports
- Building Permit Dashboards
- Water/Sewer Report
- Hot Growth Report
- BPDS Online
- Quick Viewer
- Custom Building Permit Analysis



METROPOLITAN

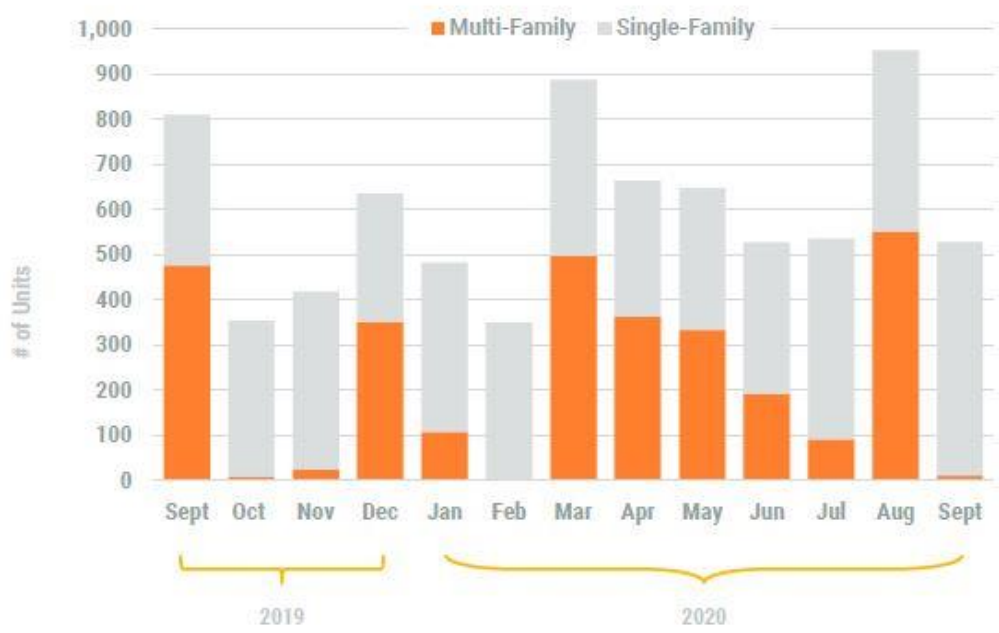
Building Activity Report

September, 2020 Region

Residential Construction Overview

MONTHLY UNIT TOTAL		YEAR-TO-DATE UNIT TOTAL	
Single-Family Units	Multi-Family Units	Single-Family Units	Multi-Family Units
517	10	3,521	2,143
Total Units		Total Units	
527		5,664	

Exhibit 1: New Residential Unit Permit Activity (13-Month)



METROPOLITAN

Building Activity Report

September, 2020 Region

Non-Residential Construction Overview

	MONTHLY VALUE	YEAR-TO-DATE VALUE
New NON-RESIDENTIAL	$96,884,000	$356,010,000
AARs NON-RESIDENTIAL *Alterations, Additions, Repairs (AARs)*	$68,655,000	$1,170,895,000

Exhibit 2: Non-Residential Construction Permit Activity (13-Month)

Regional Recovery Dashboard – Building Permits

Residential Units Permitted in the Baltimore Region

Customize the chart by selecting a time period, geography, and type of residential unit

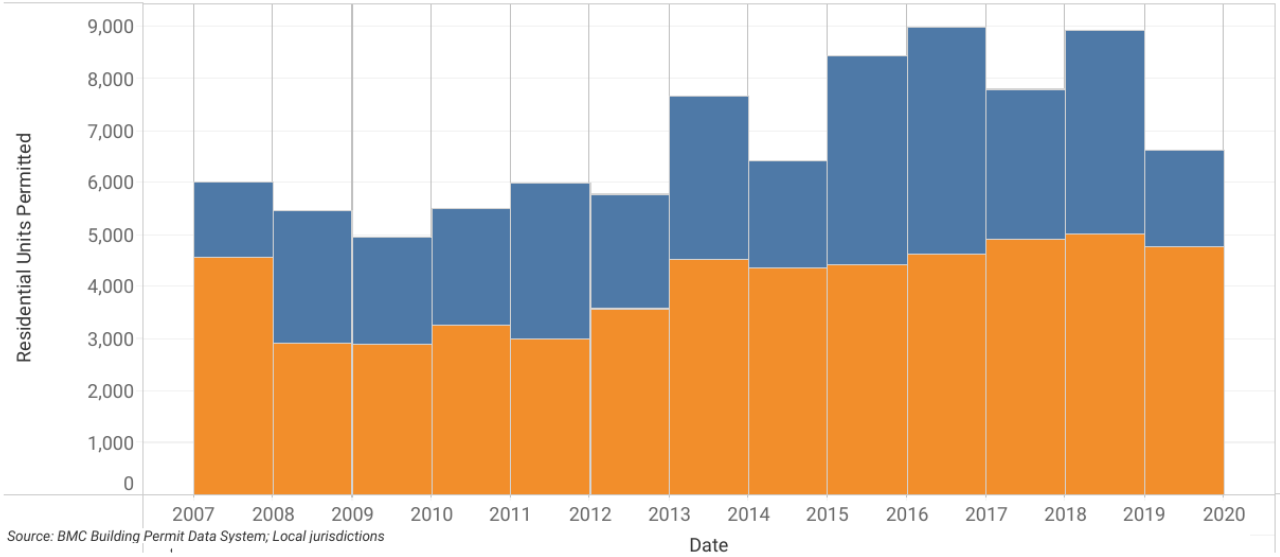
Select Time Period...
- ○ Monthly
- ○ Quarterly
- ◉ Annually

Select Geography of Interest...
Baltimore Region

Display Single Family, Multi-family, or Both...
All

Multifamily
Single Family

Drag slider to customize dates shown in the chart (if dates selected include partial quarters or years, data will reflect units permitted for the dates selected only)
1/1/2007 to 12/30/2019



Source: BMC Building Permit Data System; Local jurisdictions

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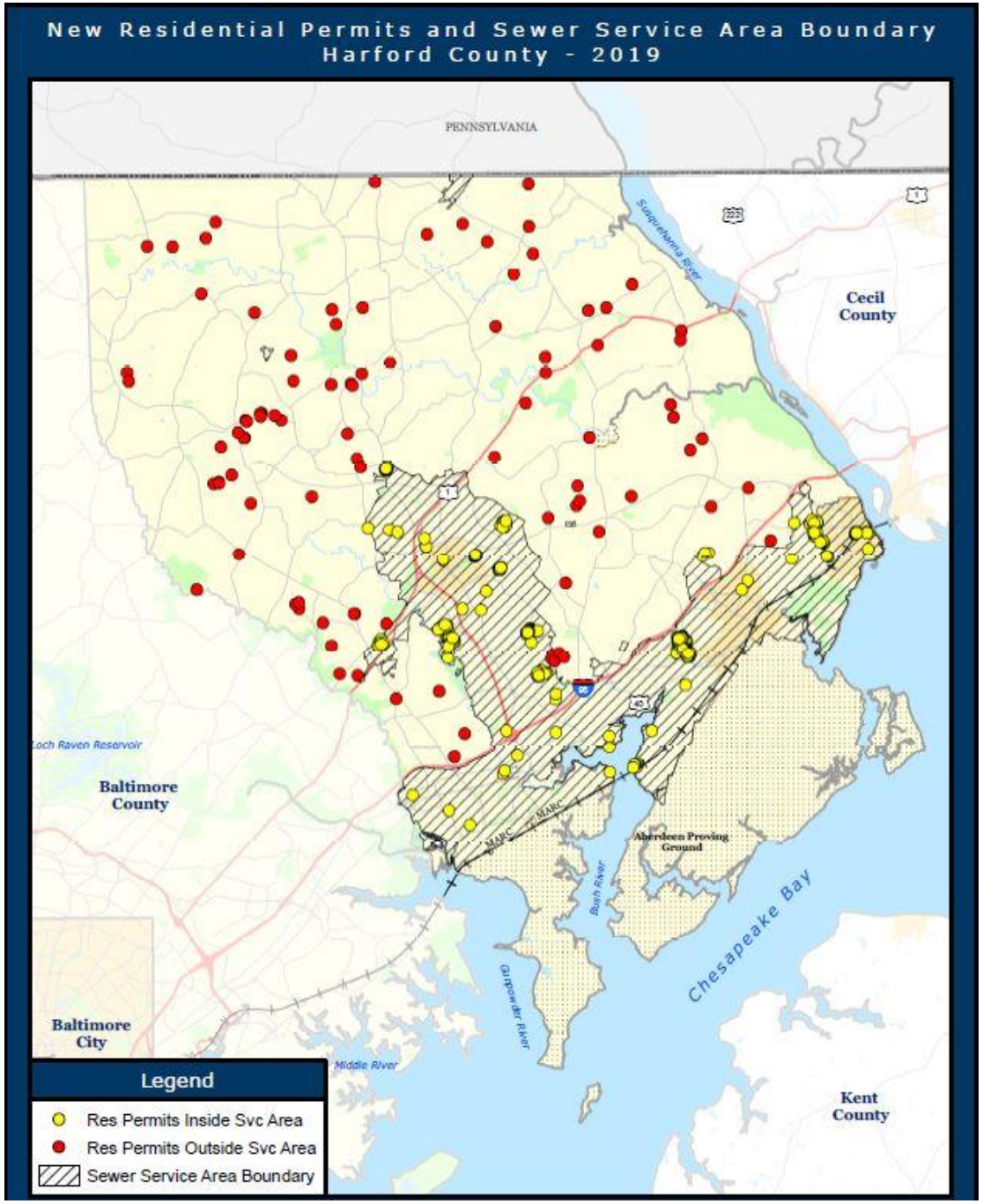
Sewer Service Area

Share of Permitted Units in Sewer Service Areas, by Type and Jurisdiction, 2019

Jurisdiction	SFD	TH	MF	Total
Anne Arundel	88.4%	100.0%	100.0%	96.3%
Baltimore City	100.0%	100.0%	100.0%	100.0%
Baltimore	75.7%	100.0%	100.0%	91.7%
Carroll	59.9%	100.0%	100.0%	69.5%
Harford	78.7%	100.0%	100.0%	88.4%
Howard	69.1%	100.0%	100.0%	84.1%
Region	77.9%	100.0%	100.0%	91.7%



Hot Growth Reports

Permitted New Residential Development

Location

- Regional Planning District
- Development Name
- Mapped Location

Unit Count

Type

- Single Family Detached
- Single Family Attached
- Multi-family
- Mixed Use

Anne Arundel County

RPD	Development Name	Unit Count	Type
Marley Neck	Tanyard Cove North/ Creekside Village at Tanyard	252	SFD/SFA
Crofton	Watershed/Regency/Highlands/Cascades/Heritage at Two Rivers	216	SFD/SFA
Jessup/Severn	Shipleys Homestead	121	SFD/SFA
Fort Meade	Saratoga at Parkside	125	SFA
Severna Park	Reserve at Pondview	76	SFA

Baltimore City

RPD	Development Name	Unit Count	Type
East Baltimore	The Liberty Apartments	400	Mixed
Highlandtown	Alta Brewers Hill	371	MF
Mount Washington	The Woodberry	284	MF
South Baltimore	24 Bainbridge Federal Hill	224	MF
Metro Center	9 Mount Royal	64	Mixed

Baltimore County

RPD	Development Name	Unit Count	Type
Towson/Loch Raven	Towson Town Center	371	Mixed
Towson/Loch Raven	101 York Rd	248	Mixed
Reisterstown/Owings Mills	The View at Mill Run	156	MF
Perry Hall/White Marsh	Cowenton South	151	MF
Chase/Bowleys Quarters	The Preserve at Windlass	121	SFD/SFA

Carroll County

RPD	Development Name	Unit Count	Type
Eldersburg	Snowden Creek	109	MF
Westminster	Bolton Hill	37	SFD
Mount Airy	Reserve @ New Windsor	20	SFA
Westminster	Stonegate	17	SFD
Taneytown	Meadowbrook	17	SFD

Harford County

RPD	Development Name	Unit Count	Type
Bel Air/Fallston	Magness Overlook	55	SFD/SFA
Aberdeen/Havre De Grace	Scenic Manor	48	SFD
Edgewood/Joppa	Trimble Meadows	48	SFA
Aberdeen/Havre De Grace	Greenway Farm	39	SFD/SFA
Aberdeen/Havre De Grace	Bulle Rock	34	SFD/SFA

Howard County

RPD	Development Name	Unit Count	Type
Elkridge	Merriweather Development	382	Mixed
Elkridge	Dartmoor Place at Oxford Square	258	MF
Elkridge	Corridor Square	250	MF
Elkridge	Oxford Square	124	MF/SFA
Ellicott City	Ellicotts Retreat	80	MF

RPD* Regional Planning District

Type of Unit** Mixed-Use: (Mixed), Multi-Family: (MF), Single-Family Attached (SFA), Single-Family (SFD)

Source: Baltimore Metropolitan Council Building Permit Data System

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Building Permit Data System Online

Baltimore Metropolitan Council

Partners in Progress...

Working to improve the quality of life in the Baltimore region

- Home
  - Admin
    - User
    - Contractors
  - Permits
    - Search Permits

New Construction of a Residential Building:

- Single Family Detached (Non-Condo)
- Single Family Detached (Condo)
- Semi-Detached/Duplex (Non-Condo)
- Semi-Detached/Duplex (Condo)
- Townhouse (Non-Condo)
- Townhouse (Condo)
- Multifamily (Non-Condo)
- Multifamily (Condo)
- Mobile Home
- Miscellaneous Residential
- Residential Swimming Pool

New Construction of a Non-Residential Building:

- Industrial Structure
- Commercial
- School
- Group Home
- Health Care Facility
- Other Institutions
- Religious Facility
- Office Building
- Warehouse
- Public Utility
- Arts/Cultural & Recreational Facilities
- Hotel or Motel

Additions, Alterations or Repair:

- Residential
- Industrial
- Commercial
- Institutional
- Office
- Warehouse
- Public Utility
- Miscellaneous
- Residential Demolition
- Non-Residential Demolition

Mixed Use:

- Commercial w/Single Family Residenti
- Commercial w/Multifamily Residential
- Hotel/Motel w/Single Family Residentia
- Hotel/Motel w/Multifamily Residential
- Office w/Single Family Residential
- Office w/Multifamily Residential

Issue Date From: | **Issue Date To:**

Enter Date From: | **Enter Date To:**

Minimum Amount: | **Maximum Amount:**

Jurisdiction:

- Anne Arundel County
- City of Annapolis
- Baltimore City
- Baltimore County
- Carroll County
- Harford County
- Howard County
- Queen Annes County

RPD:

- 101
- 102
- 103
- 104
- 105
- 106
- 107
- 108

Census Tract: | **Zip Code:**

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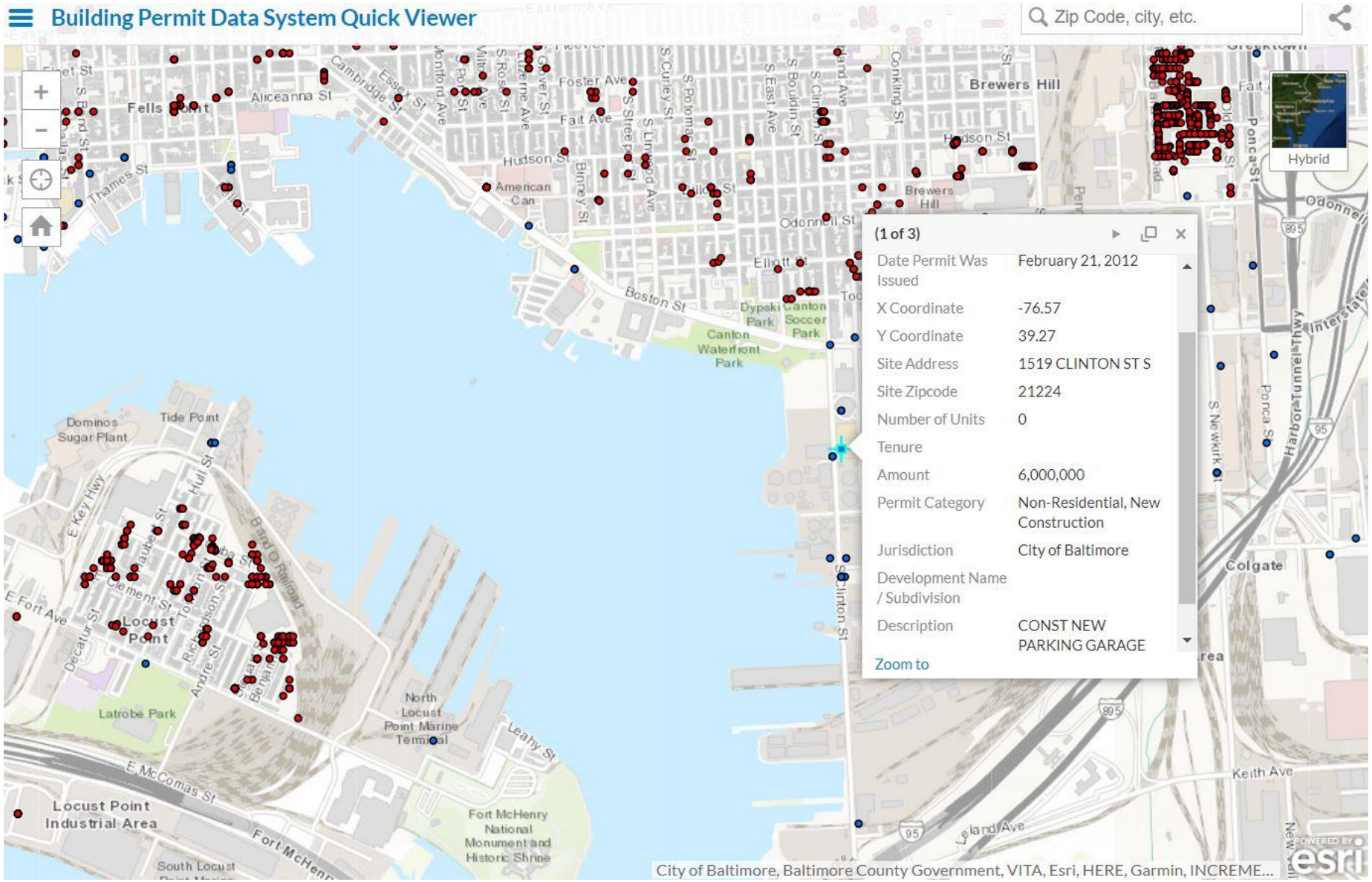
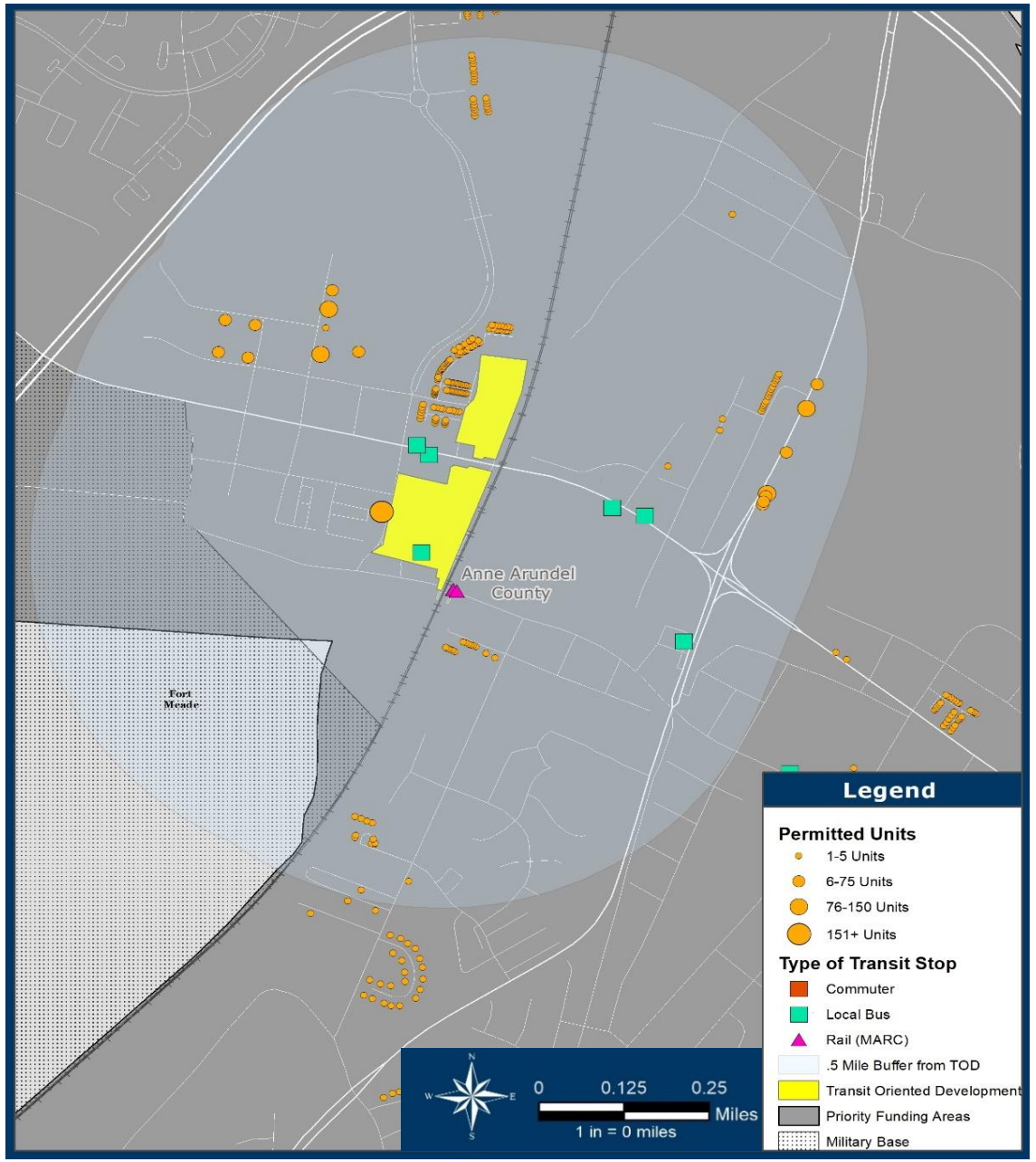
Building Permit Data System Quick Viewer



Custom Building Permit Analysis

Example:

- **Permitted Residential Development Activity and Transit**



Source
MDP-Transit Station Area Profile Tool (TSAPT)
MDP-IMAP Transit Station/Rail Station
Prepared by Transportation Planning Division
Projected Coordinate System - NAD 1983 State Plane (ft)
Data Source - BMC, © HERE 2019, TIGER/Line®, MTA

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For More Information

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