Building Permit Software Survey Report

Executive Summary

Maryland Department of Planning's (Planning) 2020 survey of county and municipal building permit software systems shows that most counties and larger municipalities are using third-party building permit software, with only two large counties using a software system developed in-house. The smaller jurisdictions that track building permit activity tend to use off the shelf office software, specifically Microsoft Office. More than 40% of Maryland's counties also provided building permit and inspection services for their municipalities.

There is a relatively limited number of software vendors supporting building permit tracking for Maryland jurisdictions. The top six software firms used by jurisdictions process 75% of all new housing permits on an annual basis in Maryland. While most counties and a majority of municipalities responding to the survey indicate they report local building activity, less than half of the counties and 20% of the municipalities post building reports online. Based on the survey responses, there appear to be opportunities for increased coordination and sharing of local building permit data with Planning and the potential to develop a statewide building permit reporting system that could help better describe the economic conditions of our communities, which would improve the accuracy of state projections of future development using near real time monitoring of construction activity.

Purpose

Title 12, §12–505, of the Public Safety Article requires that each local jurisdiction shall enforce the current version of the Maryland Building Performance Standards. At a minimum, the local jurisdiction shall implement these standards by reviewing plans, issuing building permits, inspecting the work, and issuing use/occupancy certificates. How local jurisdictions fulfill this responsibility varies among counties and municipalities across the state. To better understand the approaches taken by counties and municipalities that administer the building permit and inspection process, and to identify what software tools jurisdictions use, Planning conducted a survey in fall 2020 of all jurisdictions in Maryland. This report documents the responses received, analyzes commonalities, and serves as a resource for improved communication among jurisdictions with similar building permit software or for those considering changing software vendors.

Methodology

Planning prepared a short online survey (see Appendix A) using Google Forms to solicit information on how local governments manage the processing of building permits. The survey includes 14 questions to ascertain if the jurisdiction issues building permits; if they use some type of software to track permits; who can be contacted for more information about their permit system; and if they report their permit information publicly.

Using Planning's local government contact databases, supplemented by information on local governments' official websites, an email invitation to participate in the online survey was sent in fall 2020 to 177 of the 180 local jurisdictions in Maryland. (*Three small towns do not have a published public email address.)* A total of 312 people associated with the counties and municipalities were solicited to complete the survey.

The emails sent to planning departments, building officials, and town managers explained the purpose of the survey, informed them the survey should take about two to three minutes to complete, and included the link to the Google Form Survey. The standard email survey request stated -

> Planning is trying to get a better handle on local governments' building permit software systems and learn how you track building activity. We realize that many counties also handle the building permitting for some municipalities, but we are asking both counties and municipalities about their building permit software systems to get a statewide picture of who tracks building permits in your community. The short survey (which should take about two minutes or less to complete) will help us identify who is the most knowledgeable person in your community regarding your building permit system and the type of software you use to track permits. Ultimately, we will produce a report on the building permit software used throughout the state that you can reference when you are considering upgrading your building permit software system or have a question that another jurisdiction with the same type of building permit software may be able to answer. This information will also be used to initiate conversations about potentially sharing building permit information in a statewide reporting system modeled somewhat after the reporting system that the Baltimore Metropolitan Council maintains.

Results

According to the *CustomerThermometer.com* website, "A survey response rate of 50% or higher should be considered excellent in most circumstances. A high response rate is likely driven by high levels of motivation to complete the survey, or a strong personal relationship between business and customer." Planning has built strong relationships with our local government partners as reflected in 52% of the 180 Maryland jurisdictions completing the survey (94 responses). We appreciate the valuable insights these jurisdictions have offered regarding their building permit process and the software they use.

The individual responses to the survey can be found in Appendix B. Based on Planning's review of the responses, there is great diversity in Maryland on how building permits are processed. Except for those municipalities that delegate all building permit processing to the county, each jurisdiction has their own way of processing building permits – as unique as each jurisdiction's zoning regulations. However, the responses show some common approaches and preferred building permit software applications. The survey response analysis can be categorized under the following topics:

- Who participated in the survey?
- How do jurisdictions manage their building permits?
- What type of building permit software are jurisdictions using?
- Do jurisdictions publicly report their building activity?

<u>Who participated in the survey?</u>

A total of 94 jurisdictions completed the online survey. This includes all 24 counties (including Baltimore City) and 70 municipalities. At least one town or city completed the survey in every county with municipalities.

A regional distribution of the jurisdictions participating in the online survey can be found in Table 1. While the Capital Region has the highest number of municipalities participating, many of those towns do not have planning and zoning authority and coordinate their building permit review with Montgomery

or Prince George's County under the Maryland-National Capital Park and Planning Commission. The regional distribution of municipalities that participated in the survey generally reflects the concentration of municipalities in Maryland.

Table 1: Regional Distribution of Jurisdictions Completing Survey

Regions	Counties	Municipalities	Total
Capital	3	29	32 (34%)
Central	6	8	14 (15%)
Lower Eastern Shore	5	14	19 (20%)
Upper Eastern Shore	4	9	13 (14%)
Southern	3	4	7 (7%)
Western	3	6	9 (10%)
Total	**24**	**70**	**94 (100%)**

With all counties and 70 municipalities participating, the survey results reflect the permitting operations from the most populous county, to a town of less than 150 people (2019 est.). Not only did 45% of Maryland's municipalities participate in the survey, but 14 of the top 15 and 21 of the top 25 most populous towns completed the survey. Based on the US Census Building Permits Survey of annual reported building permits by Maryland jurisdictions, the jurisdictions that participated in the online survey accounted for 99.82% of all new housing units permitted over the past six years. This provides a high degree of confidence that the survey responses will be highly reflective of building permit practices at the local level. (See Appendix C for listing of 2014-2019 six-year annual average of building permits and Appendix D for population ranking of Maryland counties and municipalities.)

How do jurisdictions manage their building permits?

All counties in Maryland issue building permits and use some type of building permit software, but only 10 counties (41%) provide some form of permit processing for municipalities in their county (Calvert, Carroll, Cecil, Dorchester, Frederick, Garrett, Montgomery, Prince George's, Washington, and Wicomico counties). A total of 41 of the 70 municipalities (59%) responding to the survey indicated they use their county's building permit system. For many of the municipalities in these counties, some form of memorandum of understanding (formally or informally) appears to exist on how to process building permits and the associated building inspections between the county and the municipality. Some respondents indicated a separate zoning certificate is required from the municipality before the county building permit can be issued, and in some cases separate municipal software is used to track these certificates or similar local requirements. Some of the larger municipalities within these counties process their own building permits using their own software.

With Baltimore City and Baltimore and Howard counties not having any municipalities, the municipalities in the remaining eleven counties independently issue building permits without going through a county permit system. (Allegany, Anne Arundel, Caroline, Charles, Harford, Kent, Queen Anne's, St. Mary's, Somerset, Talbot, and Worcester counties do not issue building permits for their municipalities.) A total of 20 municipalities in these eleven counties participated in the survey, and 17 of those 20 municipalities use some form of building permit software. The others indicated they process building permits by hand.

Of the 70 municipalities that responded to the survey, 37 municipalities (53%) indicated they used some form of software to track building activity, while 33 municipalities (47%) indicated that no software was

used – presumedly either the municipality delegates its permitting duties to the county, or the municipality uses some form of hand processing of building permits. Because some municipalities use the county's permitting system, a direct relationship between the size of a municipality and the use of building permit software cannot be determined from this survey. Seven municipalities (10%) report not using any building permit software and do not appear to use the county's building permit system. Presumedly, these municipalities issue and track building permits using handwritten logs.

What type of building permit software are jurisdictions using?

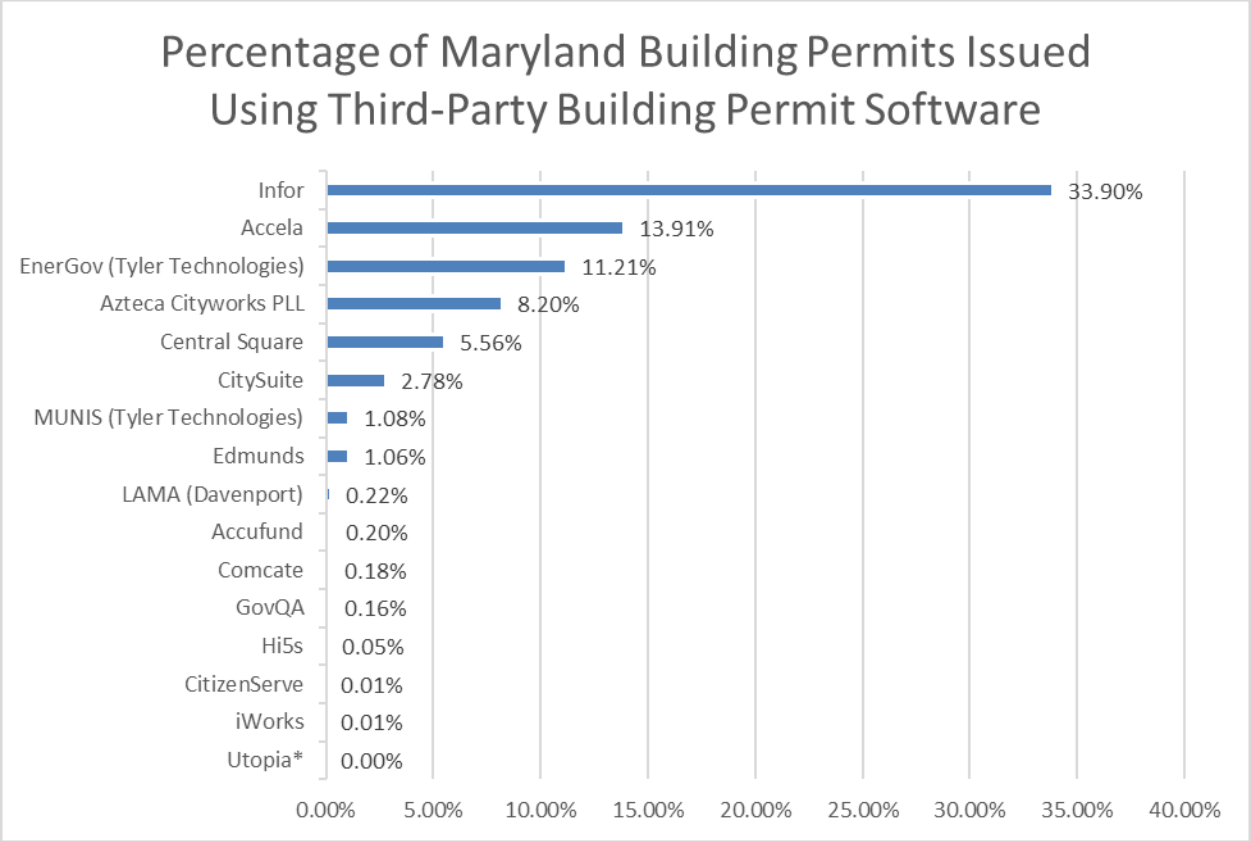
Half of the 94 jurisdictions (47) responding to the survey indicated they purchased their building permit software from a private vendor; 20 jurisdictions (21%) have building permit software systems that were developed in-house; and 27 jurisdictions (29%) either do not have, or do not know what type of building permit software/system they are using. Of the 20 jurisdictions that indicated the building permit software was developed in-house, nine jurisdictions report using Microsoft software applications (three MS Access and six MS Excel) to track building permits. It should be noted that some of the jurisdictions, who did not know what building permit software they used, are using their county's software system. Baltimore County developed an in-house building permit system, using an IBM Host on Demand Mainframe, but will be migrating to Azteca Cityworks PLL (https://www.cityworks.com/products/cityworks-pll/) after September 2021. For purposes of analyzing building permit software, Baltimore County's new building permit system is included with all other third-party software vendors (47 originally responded have 3rd party software plus Baltimore County for a total of 48).

The 48 jurisdictions responding that they purchased private sector software to manage their building permit activity identified 16 different software applications/firms. Table 2 is a summary breakdown of the building permit software that jurisdictions use. A detailed listing of software each jurisdiction uses can be found in Appendix B.

Table 2: Number of Jurisdictions using Third-Party Building Permit Software

No. of Jurisdictions	Name of Software Firm	WebSite
8	EnerGov (Tyler Technologies)	https://www.tylertech.com/products/energov/community-development
4	MUNIS (Tyler Technologies)	https://www.tylertech.com/products/munis
5	Central Square	https://www.centralsquare.com/
5	Infor	https://www.infor.com/industries/state-local-government
5	Accela	https://www.accela.com/
5	Edmunds	https://www.edmundsgovtech.com/
4	GovQA	https://www.govqa.com/
3	Comcate	https://www.comcate.com/solutions/permitting-and-inspections/
2	Accufund	https://accufund.com/government-accounting
1	Azteca Cityworks PLL	https://www.cityworks.com/products/cityworks-pll/
1	Citizen Serve	https://www.citizenserve.com/
1	CitySuite	https://harriserp.com/solutions/citysuite/
1	Hi5s	https://www.hi5s.com/
1	iWorks	https://iworkscorp.com/
1	LAMA (Davenport)	https://www.davenportgroup.us/
1	Utopia	http://perconti.com/commdev.html
48	**Total**	

According to the survey respondents, the 16 building permit software companies processed 79% of the new housing building permit activity in Maryland over the past six years, as listed in Figure 1. Infor's series of building software applications (Version 11, Infor Public Sector, Hansen) processed one-third of the new housing building permits in Maryland, followed by Accela government software at 14%, Tyler Technologies EnerGov civic services software at 11%, Azteca Cityworks PLL at 8%, and Central Square at 6%.



* Greenbelt uses Utopia to track building permits, but permits are issued by Prince George's County using Infor software.

At the county level, there are seven building permit software vendors that processed nearly 70% of the new housing building permits in Maryland for the 19 counties listed below. (see Table 3)

Table 3: Building Permit Software by County Size Ranking
and Percentage of New Housing Building Permits

Name of Software Firm	County Using	Population Size Ranking	Percent of New Housing Building Permits
Accela	Howard	6	8.90%
	Carroll	9	1.95%
	Washington	11	1.21%
Central Square	St. Mary's	12	4.13%
	Kent	24	0.15%
Azteca Cityworks PLL (after 09/2021)	Baltimore	3	8.20%
Edmunds	Dorchester	21	0.17%
	Somerset	23	0.22%
EnerGov (Tyler Technologies)	Harford	8	4.07%
	Charles	10	4.51%
	Queen Anne's	18	1.02%
Infor	Montgomery	1	11.88%
	Prince George's	2	11.95%
	Frederick	7	7.64%
	Cecil	14	0.83%
	Calvert	15	1.60%
LAMA (Davenport)	Caroline	20	0.22%
MUNIS (Tyler Technologies)	Wicomico	13	0.40%
	Talbot	19	0.12%
Total			69.16%

At the municipal level, there are 15 building permit software vendors that processed 9% of the new housing building permits in Maryland for the 29 municipalities listed below (see Table 4). It should be noted that some jurisdictions do not report on new building permits, as this is done by the county.

Table 4: Building Permit Software by Municipality Size Ranking
and Percentage of New Housing Building Permits

Name of Software Firm	Place	Population Size Ranking	Percent of New Housing Building Permits
Accela	College Park	9	
	Rockville	3	1.85%
Accufund	Centreville	42	0.20%
	Hebron	95	
Central Square	Easton	16	0.24%
	Ocean City	29	0.26%
CitizenServe	Cumberland	12	0.01%
CitySuite	Frederick	2	2.78%
Comcate	Cambridge	21	0.10%
	Mount Rainier	27	
	Fruitland	39	0.09%
Edmunds	Delmar	58	0.20%
	Havre de Grace	19	0.47%
	North East	55	
EnerGov (Tyler Technologies)	Aberdeen	17	0.42%
	Gaithersburg	4	0.63%
	La Plata	23	0.37%
	Laurel	10	0.15%
	Pocomoke City	50	0.05%
GovQA	Forest Heights	66	
	Seat Pleasant	46	
	Taneytown	31	
Hi5s	Elkton	18	0.05%
iWorks	Greensboro	75	0.01%
MUNIS (Tyler Technologies)	Hagerstown	6	0.25%
	Salisbury	8	0.30%
TrakIt/Central Square	Annapolis	7	0.78%
Utopia	Greenbelt	11	
WebQA	Bel Air	22	0.16%
Total			9.35%

There are twenty jurisdictions that use internally developed building permit tracking software or who did not indicate the type of software used in the survey (See Table 5). This includes five counties. Baltimore City and Anne Arundel County have internally developed building permit software systems, while Allegany and Garrett use Microsoft Office developed permit systems. Worcester County did not specify the type of system it is using.

Table 5: Internally Developed Building Permit Systems
and Percentage of New Housing Building Permits

Internally Developed Building Permit Systems		Percent of New Housing Building Permits
CCE and E-plans	Baltimore City	5.35%
PIPs/Case Manager	Anne Arundel County	13.28%
Microsoft Access (3)		0.75%
Microsoft Excel (6)		0.35%
Others/Unspecified (9)		1.58%
Total		21.31%

Do jurisdictions publicly report their building activity?

All but four of the counties (20 or 83% of the counties) responded that they prepare a report on the county's building activities, and 35 (50%) of the municipalities responding to the survey indicated they publish reports on their building activity. Eleven counties (46%) and 13 municipalities (19%) -a total of 24 jurisdictions-responded that they post a report on the jurisdiction's building activity online.

To test the availability of local building permit reports online, a series of Google searches were done for those counties that indicated they reported and posted building permit (or development) activity. A Building Permit Activity Summary Report was easily found on the county's website for eight of the 11 counties indicating that they posted building permit activity; however, the content of the reports varies widely but can be grouped into three general categories: (1) general reporting (monthly or annually) on the number of building permits by type of construction; (2) reporting of building permit activity impact on local adequate public facilities regulations; and (3) annual report on development activity trends and its impact on local growth management policies. The following are county examples (web links) of the types of construction activity reports found:

General Building Permit Reporting

Cecil – https://www.ccgov.org/home/showpublisheddocument?id=41864
Frederick – https://www.frederickcountymd.gov/DocumentCenter/View/330789/CountywideDwellingUnit_2021
Wicomico – https://www.wicomicocounty.org/DocumentCenter/View/8426/2014-2019-Building-Permit-Activity

Building Permit Activity Impact on Adequate Public Facilities Reporting

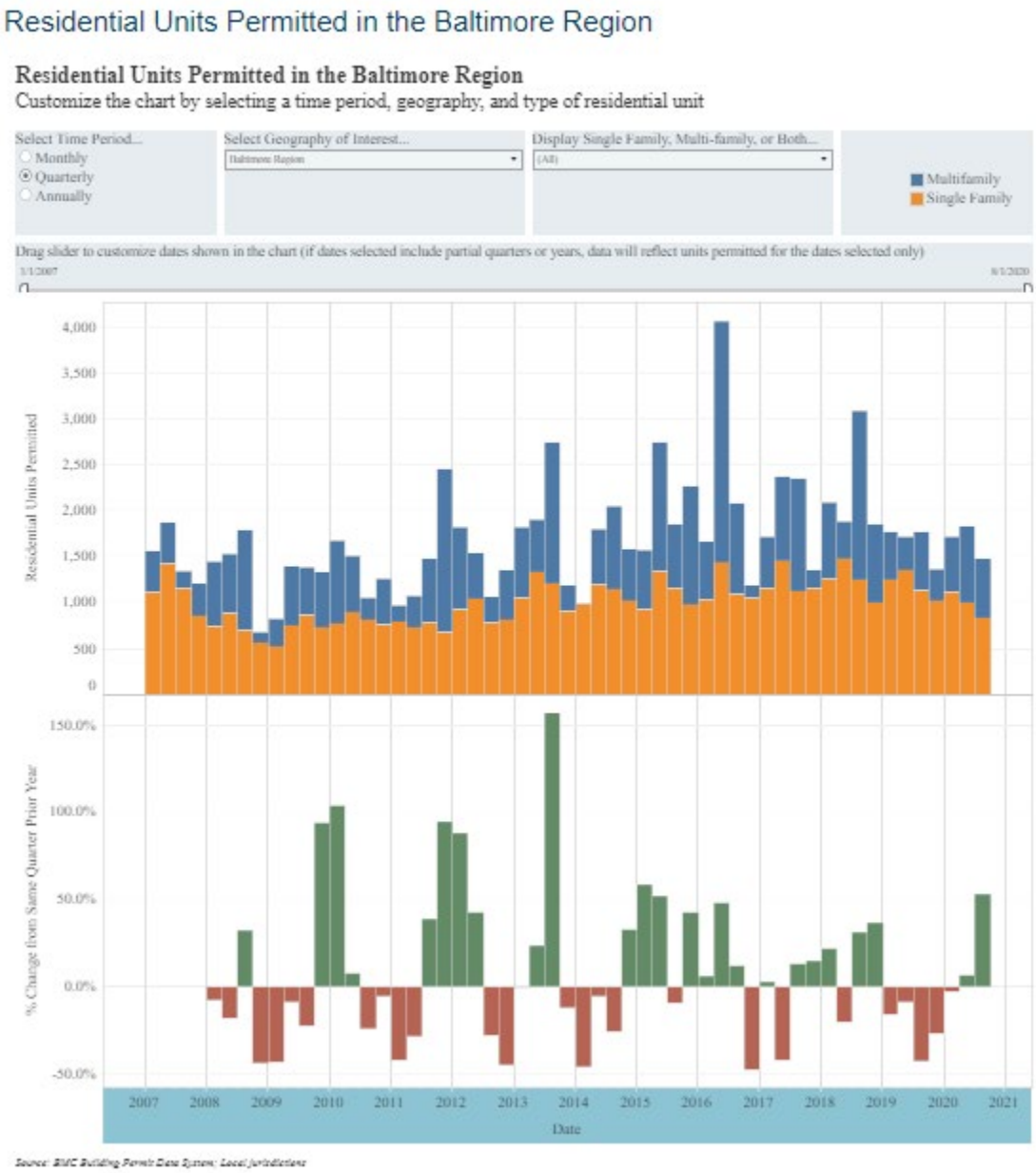
Anne Arundel – https://www.aacounty.org/departments/planning-and-zoning/research-and-gis/forms-and-publications/SchoolImpact.pdf
Carroll – https://www.carrollcountymd.gov/media/2021/fy-2018-concurrency-report.pdf

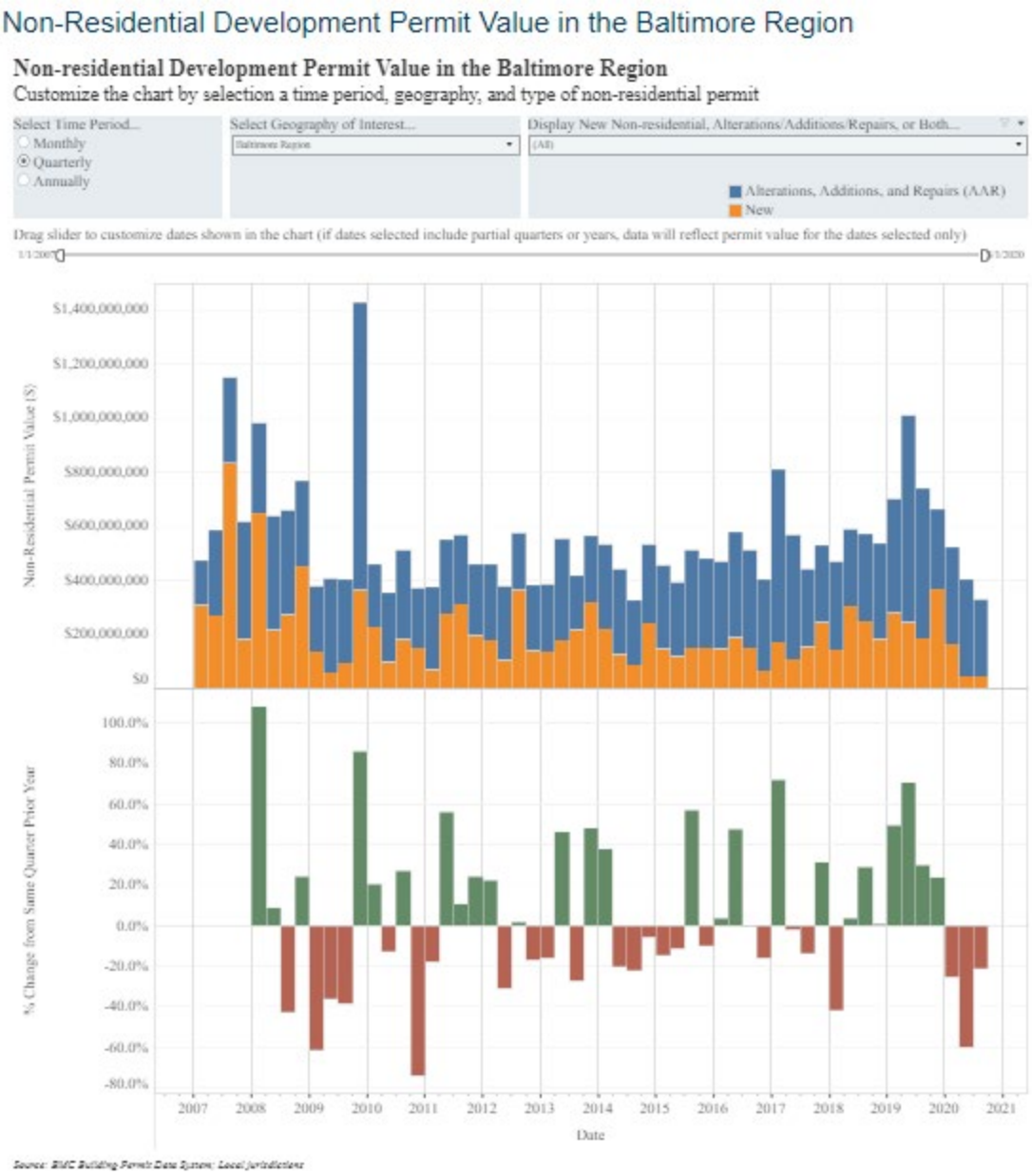
Growth Management/Development Activity Reporting

Harford – https://www.harfordcountymd.gov/DocumentCenter/View/15573/2019-Annual-Growth-Report
Howard – https://www.howardcountymd.gov/LinkClick.aspx?fileticket=EYPwF5-AeZk%3d&portalid=0

The Baltimore Metropolitan Council (BMC) collectively tracks and reports on the building permit activity for the seven counties in their region (Baltimore City, Anne Arundel, Baltimore, Carroll, Harford, Howard, and Queen Anne's counties), which accounts for 43% of Maryland's building activity. (It should be noted that Carroll County responded to the survey indicating they do not report building permit activity.) BMC reports on residential and nonresidential building activity for the region and for each

county using separate dashboards for each. For residential development, the dashboard shows the type of units permitted, and for nonresidential development, the dashboard displays the cumulative permit value of new development and of alterations, additions, and repairs. However, in the Washington Council of Government (WashCOG) region, which accounts for 36% of Maryland's building activity, there is no consolidated reporting of building activity, and two of the four counties (Frederick and Montgomery) indicated they report and post online building activity. BMC is unique in the state for its development permit reporting. No other metropolitan planning council or tri-county council in Maryland provides this type of coordination and reporting on building permits.





Conclusions and Recommendations

Given the local participation rate in Planning's building permit software survey, with 24 Maryland counties and 70 municipalities responding (accounting for 99.82% of all new housing permits processed), the following conclusions reflect the building permit operations in Maryland's jurisdictions:

- All counties use some form of building permit tracking, and 41% of the counties also provide building permit processing for all or some of the municipalities within the county.
- Most of Maryland's municipalities have some form of computerized permit tracking (either a dedicated specialty software or internally developed home-grown tracking using Microsoft Office Suite). It appears that smaller jurisdictions tend to use internally developed building permit tracking using Microsoft Office software or handwritten reporting.
- There is a limited number of building permit software firms (16) serving Maryland's jurisdictions, and this number may continue to decline due to consolidation in the building permit software

industry. (Several jurisdictions noted their current building software firm had recently merged with another firm.)
- Except for Baltimore City and Anne Arundel County, which have internally developed permit systems, 75% of all new housing permits are processed using the top six software firms (Infor, Accela, EnerGov (Tyler Technologies), Azteca Cityworks PLL, Central Square, and CitySuite).
- Less than half of the counties and less than 20% of the municipalities post their local building permit activity online.

Based on the survey responses, Planning may want to consider the following initiatives:

- Work with BMC to better understand the coordination and building permit processing required to consolidate permit data from different local building permit systems into a regional reporting format.
- Share best practice examples of building permit reporting and facilitate the development of standard data collection and reporting practices that can be used to generate reports for state and local governments, as well as the private sector and the public to monitor growth and economic development in their community.
- Explore opportunities for coordinating and sharing local building permit data with the state agencies and among regional planning organizations, modeled after BMCs' development reporting system, to gain a better understanding of local development activity and to improve the accuracy of state projections of future development using near real time monitoring of construction activity. Through improved coordination and interpretation of local building permit data, a potential statewide building reporting system could be developed modeled after BMC's development reporting system.
- Routinely engage jurisdictions with similar software systems to identify items of shared concern or opportunities to educate and improve the effectiveness of using the building permit software.
- Maintain a contact database of building permit software experts at the local level to support the communication and coordination among jurisdictions with the same type of building permit software or to serve as a reference if a jurisdiction is considering selecting a new software firm.

Acknowledgement

Planning wants to thank all the local government officials that participated in the building permit software survey and for their ongoing assistance to improve the communication and coordination of planning and development information in Maryland.

Appendix A

Survey instrument (Building Permit Software Survey - Google Forms)

Maryland Building Permit Software Survey

MDP survey of local governments to improve the sharing of data and technical assistance. (Should you have any questions on how to complete this survey, please email chuck.boyd@maryland.gov and he will address any questions or concerns you might have.)

* Required

1. Email address *

2. 1. Person Completing Survey *

3. 2. Jurisdiction? *

4. 3. Does your jurisdiction use a building permit software system to manage permits and inspections? *

   Mark only one oval.

   - ◯ Yes
   - ◯ No

5. 4. If a municipality, does your jurisdiction use the county permit software system?

   Mark only one oval.

   - ◯ Yes
   - ◯ No

6. 5. If a county, do you issue permits for municipalities using your software system?

Mark only one oval.

- ◯ Yes
- ◯ No

7. 6. If the answer to #5 above is Yes, please indicate if all municipalities in the county use the building permit system or list those municipalities that use the system?

_____

8. 7. If the answer to #5 is Yes, do you track permits and inspections for municipalities using your software system?

Mark only one oval.

- ◯ Yes
- ◯ No

9. 8. What type of building permit software system does your jurisdiction have? *

Mark only one oval.

- ◯ Developed In house/Homegrown
- ◯ Private Vendor Purchased
- ◯ Not Applicable/Do not know
- ◯ Other: _____

10. 9. Name of Building Permit Software System or Vendor Name?

_____

11. 10. Local contact most familiar with building permit software system? *

12. 11. Email address of contact most familiar with building permit software system? *

13. 12. Phone number of contact most familiar with building permit software system?

14. 13. Does your jurisdiction collect and publish a report on building permit activity?

Mark only one oval.

- Yes
- No

15. 14. If answer to #13 is "Yes", do you post the reports online?

Mark only one oval.

- Yes
- No

This content is neither created nor endorsed by Google.

Google Forms

Appendix B

Individual Survey Responses

(Contact the Maryland Department of Planning for email addresses of survey participants and local building permit software contacts)

Place	Co.	Muni	Muni Rank	Bldg Permit Rank	% Bldg Permit Issued	1. Person Completing Survey	3. Does your jurisdiction use a building permit software system to manage permits and inspections?	County Issues Building Permit & Uses Software	Municipality Directly Issues Permit & Uses Software	4. If a municipality, does your jurisdiction use the county permit software system?	5. If a county, do you issue permits for municipalities using your software system?	6. If the answer to #5 above is Yes, please indicate if all municipalities in the county use the building permit system or list those municipalities that use the system?	County issues permits and inspections for municipalities
Allegany County	**Y**			**57**	0.16%	Jeffrey Barclay	Yes	Yes			No		
Cumberland city		Y	12	80	0.01%	Kevin Thacker	Yes		Yes	No			
Frostburg city		Y	26	65	0.06%	L.J. Bennett	Yes		Yes	No			
Anne Arundel County	**Y**			**3**	13.28%	Rick Fisher	Yes	Yes		No	No	N/A	
Annapolis city		Y	7	31	0.78%	Sally Nash	Yes		Yes	No			
Baltimore city	**Y**		**1**	**11**	5.35%	Sara Paranilam	Yes	Yes			N/A		
Baltimore County	**Y**			**9**	8.20%	John Morris	Yes	Yes			N/A		
Calvert County	**Y**			**22**	1.60%	Mary Beth Cook	Yes	Yes			Yes	Chesapeake Beach and North Beach	
North Beach town		Y	73			Richard Crump	No		No	No			Yes
Caroline County	**Y**			**49**	0.22%	Katheleen Freeman	Yes	Yes			No		
Denton town		Y	48	63	0.09%	Don Mulrine	Yes		Yes	No			
Greensboro town		Y	75	83	0.01%	Wendy Dixon	Yes		Yes	No			
Ridgely town		Y	79	72	0.02%	Melissa Leonard	Yes		Yes				
Carroll County	**Y**			**19**	1.95%	Lynda Eisenberg	Yes	Yes			Yes	All towns in county	
Manchester town		Y	44			Michelle Wilder	No		No	Yes			Yes
Sykesville town		Y	51			Joe Cosentini	No		No	Yes			Yes
Taneytown city		Y	31			Jim Wieprecht	Yes		No	Yes			Yes
Westminster city		Y	13			Mark Depo	No		No	Yes			Yes
Cecil County	**Y**			**30**	0.83%	Eric Sennstrom	Yes	Yes			Yes	Cecilton, Charlestown, Chesapeake City, North East, Perryville, Port Deposit	
Elkton town		Y	18	67	0.05%	Micki Zeigler	Yes		Yes	No			
North East town		Y	55			Betsy Vennell	Yes		Yes	No			Yes
Perryville town		Y	49			Dianna Battaglia	No		Yes	No			Yes
Rising Sun town		Y	63	100	0.00%	Judy C Melton	Yes		Yes	No			
Charles County	**Y**			**14**	4.51%	Cathy Reisinger	Yes	Yes			No		
Indian Head town		Y	53	82	0.01%	Diane Campbell	Yes		Yes	No			
La Plata town		Y	23	39	0.37%	Jeanine Harrington	Yes		Yes	No			
Dorchester County	**Y**			**54**	0.17%	Rhonda Mills	Yes	Yes			Yes	Vienna, Brookview, Eldorado, Galestown, Church Creek	
Cambridge city		Y	21	62	0.10%	Patricia Escher	Yes		Yes	No			
East New Market town		Y	130			Michelle Jackson	No		No	No			Yes
Galestown town		Y	149			Ron James	No		No	Yes			Yes

Place	Co.	Muni	Muni Rank	Bldg Permit Rank	% Bldg Permit Issued	1. Person Completing Survey	3. Does your jurisdiction use a building permit software system to manage permits and inspections?	County Issues Building Permit & Uses Software	Municipality Directly Issues Permit & Uses Software	4. If a municipality, does your jurisdiction use the county permit software system?	5. If a county, do you issue permits for municipalities using your software system?	6. If the answer to #5 above is Yes, please indicate if all municipalities in the county use the building permit system or list those municipalities that use the system?	County issues permits and inspections for municipalities
Frederick County	**Y**			**10**	7.64%	Gary Hessong	Yes	Yes			Yes	Frederick County uses our permits software for the following municipalities: Middletown, Myersville, New Market, Brunswick, Thurmont, Emittsburg, Walkersville, Woodsboro, Burkitsville and Rosemeont.	
Brunswick city		Y	32			Bruce Dell	Yes		No	Yes			Yes
Burkittsville town		Y	144			Jayme Marshall	Yes		No	Yes			Yes
Emmitsburg town		Y	60			Zach Gulden	Yes		No	Yes			Yes
Frederick city		Y	2	18	2.78%	Joe Adkins	Yes		Yes	No			
Middletown town		Y	45			Cindy Unangst	Yes		No	Yes			Yes
Myersville town		Y	76			Brandon Boldyga	Yes		No	Yes			Yes
Thurmont town		Y	30			Rebecca Long	Yes		No	Yes			Yes
Walkersville town		Y	34			Susan Hauver	Yes		No	Yes			Yes
Garrett County	**Y**			**33**	0.60%	Chad Fike	Yes	Yes			Yes	County system is used for all building permits	
Mountain Lake Park town		Y	70			Lenora Fischetti	No		No	No			Yes
Harford County	**Y**			**17**	4.07%	David Culver	Yes	Yes			No		
Aberdeen city		Y	17	35	0.42%	Phyllis Grover	Yes		Yes	Yes			Yes
Bel Air town		Y	22	56	0.16%	Kevin Small	Yes		Yes	No			Yes
Havre de Grace city		Y	19	34	0.47%	Shane P. Grimm	Yes		Yes	Yes			Yes
Howard County	**Y**			**7**	8.90%	Bob Frances	Yes	Yes			N/A	Howard County has no incorporated municipalities within its borders	
Kent County	**Y**			**59**	0.15%	Maria Grieb	Yes	Yes			No		
Rock Hall town		Y	89	74	0.02%	Robert Resele	No		No	No			
Montgomery County	**Y**			**6**	11.88%	Mark Pfefferle	Yes	Yes			Yes	The independent areas of Montgomery County and cities and towns where the Montgomery County Department of Permitting Services issues building permits such as the the Chevy Chases, Garrett Park, Takoma Park, Martha's Addition, Somerset	
Chevy Chase Section Five village		Y	110			Ashley Kavanaugh	No		No	No			Yes
Chevy Chase Village town		Y	71			Jessica Gebhart	No		No	No			Yes
Gaithersburg city		Y	4	32	0.63%	W. Wesley Burnette	Yes		Yes	No			
Kensington town		Y	68			Matthew Hoffman	No		No	No			Yes
North Chevy Chase village		Y	119			Dana Peterson	No		No	No			Yes
Rockville city		Y	3	20	1.85%	Kelly Mendelsohn	Yes		Yes	No			
Takoma Park city		Y	15			Rosalind Grigsby	No		No	Yes			Yes
Prince George's County	**Y**			**5**	11.95%	Melinda Bolling	Yes	Yes			Yes		
Bowie city		Y	5			Joseph M. Meinert	Yes		Yes	No			Yes
Brentwood town		Y	57			Martha Nichols	No		No	No			Yes
Cheverly town		Y	33			John C. O'Berry	No		No	No			Yes
College Park city		Y	9			Bill Gardiner	Yes		Yes	No			Yes
District Heights city		Y	38			Dr. Sharla Crutchfield	No		No	No			Yes
Forest Heights town		Y	66			Joseph Hawkins	Yes		Yes	No			Yes
Greenbelt city		Y	11			Terri Heuby	Yes		Yes	No			Yes
Landover Hills town		Y	80			Kathleen Tavel	No		No	No			Yes
Laurel city		Y	10	58	0.15%	Christian Pulley	Yes		Yes	No			
Mount Rainier city		Y	27			Alma Ferrufino	Yes		Yes	No			Yes
Riverdale Park town		Y	28			Jessica Barnes	No		No	No			Yes
Seat Pleasant city		Y	46			Supervisor J. Johnson	Yes		Yes	No			Yes
University Park town		Y	65			Andrea Marcavtich	No		No	No			Yes
Upper Marlboro town		Y	113			Kyle Snyder	No		No	No			Yes

Place	Co.	Muni	Muni Rank	Bldg Permit Rank	% Bldg Permit Issued	1. Person Completing Survey	3. Does your jurisdiction use a building permit software system to manage permits and inspections?	County Issues Building Permit & Uses Software	Municipality Directly Issues Permit & Uses Software	4. If a municipality, does your jurisdiction use the county permit software system?	5. If a county, do you issue permits for municipalities using your software system?	6. If the answer to #5 above is Yes, please indicate if all municipalities in the county use the building permit system or list those municipalities that use the system?	County issues permits and inspections for municipalities
Queen Anne's County	**Y**			**26**	1.02%	Vivian J. Swinson	Yes	Yes			No		
Centreville town		Y	42	52	0.20%	Carolyn Rinkley	Yes		Yes	No			
St. Mary's County	**Y**			**16**	4.13%	Harry Knight	Yes	Yes			No		
Leonardtown town		Y	52	43	0.28%	Jada Stuckert	No		No	No			
Somerset County	**Y**			**49**	0.22%	Mary Phillips	Yes	Yes			No		
Princess Anne town		Y	56	55	0.17%	Nelson Sheppard	No		No	No			
Talbot County	**Y**			**60**	0.12%	Mary Kay Verdery	Yes	Yes			No		
Easton town		Y	16	47	0.24%	Lynn Thomas	Yes		Yes	No			
Washington County	**Y**			**25**	1.21%	Becky Gander	Yes	Yes			Yes	We issue the permits for the municipalities but they do not have access to the building permit system	
Boonsboro town		Y	54	61	0.11%	Reiley Stanley	No		No	No			Yes
Hagerstown city		Y	6	46	0.25%	Kathleen A. Maher	Yes		Yes	No			
Williamsport town		Y	69	100	0.00%	Linda Kuczynski	No		No	No			Yes
Wicomico County	**Y**			**37**	0.40%	Rick Dwyer	Yes	Yes			Yes	Wicomico County, through an MOU, performs the issuance, tracking, and inspections for the Towns of Hebron and Pittsville in exchange for retaining the revenue generated from the building permit fees and therefore, MUNIS software is used by the County for the issuance of permits for the Town of Hebron and Town of Pittsville. The City of Salisbury (independent of County permits division) uses MUNIS software system.	
Delmar town		Y	58	51	0.20%	Liz Peek	Yes		Yes	No			
Fruitland city		Y	39	63	0.09%	Marc Henderson	Yes		Yes	No			
Hebron town		Y	95			Melinda Stafford	Yes		Yes	No			Yes
Salisbury city		Y	8	41	0.30%	Bill Holland	Yes		Yes	No			
Willards town		Y	98	73	0.02%	Robin Littleton	No		No	No			
Worcester County	**Y**			**28**	0.88%	Jennifer Keener	Yes	Yes			No		
Berlin town		Y	43	44	0.27%	Dave Engelhart	Yes		Yes	No			
Ocean City town		Y	29	45	0.26%	Jacob Doub	Yes		Yes	No			
Pocomoke City city		Y	50	66	0.05%	Daniel L. Brandewie	Yes		Yes	No			
Snow Hill town		Y	72	76	0.01%	Margot Resto	Yes		Yes	No			

Place	7. If the answer to #5 is Yes, do you track permits and inspections for municipalities using your software system?	8. What type of building permit software system does your jurisdiction have?	9. Name of Building Permit Software System or Vendor Name?	Vendor Websites	10. Local contact most familiar with building permit software system?	12. Phone number of contact most familiar with building permit software system?
Allegany County		Developed In house/Homegrown	Microsoft Access		Jim Squires	301-777-5951
Cumberland city		Private Vendor Purchased	CitizenServe	https://www.citizenserve.com/	Kevin Thacker	301-759-6659
Frostburg city		Developed In house/Homegrown	Microsoft Excel		L.J. Bennett or Bethany Fife	301-689-6000, X 105 or 110
Anne Arundel County	No	Developed In house/Homegrown	PIPs/Case Manager		Jay Lechinski or Rick Fisher	410-222-7726 or 3295
Annapolis city		Private Vendor Purchased	TrakIt/Central Square	https://www.centralsquare.com/	Kevin Scott	410-260-2200
Baltimore city		Developed In house/Homegrown	CCE and E-plans		Shu-Shen Chia	410-396-5980
Baltimore County		Developed in house/Homegrown	Currently, IBM Host on Demand Mainframe,migrating to Azteca Cityworks PLL after 09/2021	https://www.cityworks.com/products/cityworks-pll/	Eric Tenney	410-887-4491
Calvert County	Yes	Private Vendor Purchased	Infor (IPS)	https://www.infor.com/industries/state-local-government	Dawn Mister	410-535-1600 x2386
North Beach town		Developed in house/Homegrown			Richard Crump	443-646-4245
Caroline County		Private Vendor Purchased	LAMA (Davenport)	https://www.davenportgroup.us/	Crystal Dadds	410-479-8100
Denton town	Yes	Developed In house/Homegrown			Don Mulrine	410-479-2050
Greensboro town		Private Vendor Purchased	iWorks	https://iworkscorp.com/	Sam Gieb	410-482-6222
Ridgely town		Developed In house/Homegrown			Melissa Leonard	410-634-2177
Carroll County		Private Vendor Purchased	Accela	https://www.accela.com/	Laura Matyas	410-386-2722
Manchester town		Developed In house/Homegrown			Michelle Wilder	
Sykesville town		Not Applicable/Do not know			Joe Cosentini	410-795-8959
Taneytown city		Private Vendor Purchased	GovQA	https://www.govqa.com/	Jim Wieprecht	410-751-1100 x 107
Westminster city		Not Applicable/Do not know			Carroll Co. Permits & Inspection	410-386-2674
Cecil County	Yes	Private Vendor Purchased	Infor (Version 11)	https://www.infor.com/industries/state-local-government	Brian F. Miller	410-996-5205
Elkton town		Private Vendor Purchased	Hi5s	https://www.hi5s.com/	Micki Zeigler	410-398-4999
North East town		Private Vendor Purchased	Edmunds	https://www.edmundsgovtech.com/	Lisa Rhoades	410-287-5801
Perryville town		Not Applicable/Do not know			Cecil County Government	
Rising Sun town		Developed In house/Homegrown	Microsoft Excel		Judy C Melton	410-658-5353
Charles County		Private Vendor Purchased	EnerGov (Tyler Technologies)	https://www.tylertech.com/products/energov/community-development	Sarah Sandy	301-848-2120
Indian Head town		Not Applicable/Do not know			Diane Campbell	301-743-5511
La Plata town		Private Vendor Purchased	EnerGov (Tyler Technologies)	https://www.tylertech.com/products/energov/community-development	Jeanine Harrington	301-363-0742
Dorchester County	Yes	Private Vendor Purchased	Edmunds	https://www.edmundsgovtech.com/	Rhonda Mills	410-228-3234
Cambridge city		Private Vendor Purchased	Comcate	https://www.comcate.com/solutions/permitting-and-inspections/	Todd Parks	410-228-4020
East New Market town		Not Applicable/Do not know			Rhonda Mills	410-228-9636
Galestown town		Not Applicable/Do not know			Mayor Ron James	410-829-6308

Place	7. If the answer to #5 is Yes, do you track permits and inspections for municipalities using your software system?	8. What type of building permit software system does your jurisdiction have?	9. Name of Building Permit Software System or Vendor Name?	Vendor Websites	10. Local contact most familiar with building permit software system?	12. Phone number of contact most familiar with building permit software system?
Frederick County	Yes	Private Vendor Purchased	Infor (IPS with Rhythm for Civis public portal platform)	https://www.infor.com/industries/state-local-government	Ashlye Bonomo	301-600-3463
Brunswick city		Not Applicable/Do not know			Ashley Bonomo	
Burkittsville town		Not Applicable/Do not know			N/A	301-728-2631
Emmitsburg town	Yes	Not Applicable/Do not know			Emily Pearl	
Frederick city		Private Vendor Purchased	CitySuite	https://harriserp.com/solutions/citysuite/	Matt Bowman	
Middletown town		Not Applicable/Do not know			Mark Hinkle	301-371-6171
Myersville town		Not Applicable/Do not know			Frederick County	301-600-2313
Thurmont town		Not Applicable/Do not know			Frederick County	301-600-2313
Walkersville town		Not Applicable/Do not know			Susan Hauver	301-845-4500
Garrett County	Yes	Developed In house/Homegrown	Microsoft Access		Chad Fike	301-334-1922
Mountain Lake Park town		Not Applicable/Do not know			N/A	N/A
Harford County		Private Vendor Purchased	EnerGov (Tyler Technologies)	https://www.tylertech.com/products/energov/community-development	Steve Smith	410-638-3213 ext. 1209
Aberdeen city	Yes	Private Vendor Purchased	EnerGov (Tyler Technologies)	https://www.tylertech.com/products/energov/community-development	Richard Truitt	410-638-3366
Bel Air town		Private Vendor Purchased	WebQA	https://www.govqa.com/	Kathy Pearce	410-638-4540
Havre de Grace city	Yes	Private Vendor Purchased	Edmunds	https://www.edmundsgovtech.com/	George DeHority	410-939-1800
Howard County		Private Vendor Purchased	Accela	https://www.accela.com/	Chris Walker or Mark Von Wald	410-313-2433
Kent County		Private Vendor Purchased	Central Square	https://www.centralsquare.com/	Maria Grieb	410-778-7423
Rock Hall town	No	Not Applicable/Do not know			N/A	N/A
Montgomery County	Yes	Private Vendor Purchased	Infor (Hansen)	https://www.infor.com/industries/state-local-government	Ehsan Motazedi	240-777-0311
Chevy Chase Section Five village		Not Applicable/Do not know			Ashley Kavanaugh	301-986-5481
Chevy Chase Village town		Developed In house/Homegrown	Microsoft Excel		Jessica Gebhart	301-654-7300
Gaithersburg city		Private Vendor Purchased	EnerGov (Tyler Technologies)	https://www.tylertech.com/products/energov/community-development	Bobbi Fulmer	240-805-1070
Kensington town		Not Applicable/Do not know			Matthew Hoffman	301-949-2424
North Chevy Chase village		Not Applicable/Do not know			N/A	
Rockville city		Private Vendor Purchased	Permit Plan (Tidemark) now owned by	https://www.accela.com/	Kelly Mendelsohn	240-314-8241
Takoma Park city		Not Applicable/Do not know			N/A	N/A
Prince George's County		Private Vendor Purchased	Infor	https://www.infor.com/industries/state-local-government	Yvette Gayles	301-883-6171
Bowie city		Developed In house/Homegrown	Microsoft Access		Jeffrey Hughes	301-809-3052
Brentwood town		Developed In house/Homegrown			Town clerk	301-927-3344
Cheverly town		Not Applicable/Do not know			John O'Berry	240-770-7647
College Park city		Private Vendor Purchased	Accela	https://www.accela.com/	Sarah Price	240-487-3501
District Heights city	No	Not Applicable/Do not know			Michelle Watkins	301-336-1400
Forest Heights town	Yes	Private Vendor Purchased	GovQA	https://www.govqa.com/	Joseph Hawkins	301-839-4040
Greenbelt city		Private Vendor Purchased	Utopia	http://perconti.com/commdev.html	Terri Hruby	301-345-5417
Landover Hills town		Not Applicable/Do not know			N/A	301-773-6401
Laurel city		Private Vendor Purchased	EnerGov (Tyler Technologies)	https://www.tylertech.com/products/energov/community-development	Lisa Anson	301-725-5300
Mount Rainier city		Private Vendor Purchased	Comcate	https://www.comcate.com/solutions/permitting-and-inspections/	Alma Ferrufino	301-458-5103
Riverdale Park town		Not Applicable/Do not know			Jessica Barnes	301-927-6381 ext 505
Seat Pleasant city		Private Vendor Purchased	GovQA	https://www.govqa.com/	Supervisor J. Johnson	240-353-4793
University Park town		Developed In house/Homegrown	Microsoft Excel		Andrea Marcavitch	301-927-4262 ext 101
Upper Marlboro town		Not Applicable/Do not know			Kyle Snyder	301-627-6905

Place	7. If the answer to #5 is Yes, do you track permits and inspections for municipalities using your software system?	8. What type of building permit software system does your jurisdiction have?	9. Name of Building Permit Software System or Vendor Name?	Vendor Websites	10. Local contact most familiar with building permit software system?	12. Phone number of contact most familiar with building permit software system?
Queen Anne's County	No	Private Vendor Purchased	EnerGov (Tyler Technologies)	https://www.tylertech.com/products/energov/community-development	Vivian Swinson	410-758-4088
Centreville town		Private Vendor Purchased	Accufund	https://accufund.com/government-accounting	Betty Jean Hall	410-758-1180
St. Mary's County		Private Vendor Purchased	Central Square	https://www.centralsquare.com/	Harry Knight	301-475-4200 ext. 71560
Leonardtown town		Developed In house/Homegrown	Microsoft Excel		Jada Stuckert	301-475-9791
Somerset County		Private Vendor Purchased	Edmunds	https://www.edmundsgovtech.com/	Mary Phillips	410-651-1424
Princess Anne town		Not Applicable/Do not know			N/A	N/A
Talbot County		Private Vendor Purchased	MUNIS (Tyler Technologies)	https://www.tylertech.com/products/munis	Jason Willey	410-770-6833
Easton town		Private Vendor Purchased	Central Square	https://www.centralsquare.com/	Ryan Heckler	410-822-2526
Washington County	Yes	Private Vendor Purchased	Accela Automation	https://www.accela.com/	Becky Gander	240-313-2466
Boonsboro town		Not Applicable/Do not know			Reiley Stanley	301-432-5690
Hagerstown city		Private Vendor Purchased	MUNIS (Tyler Technologies)	https://www.tylertech.com/products/munis	Mary Reichert	301-739-8577, ext. 173
Williamsport town		Not Applicable/Do not know			Linda Kuczynski	
Wicomico County	Yes	Private Vendor Purchased	MUNIS (Tyler Technologies)	https://www.tylertech.com/products/munis	Rick Dwyer	410-548-4810
Delmar town		Private Vendor Purchased	Edmunds	https://www.edmundsgovtech.com/	Liz Peek	410-896-2777 ext. 104
Fruitland city		Private Vendor Purchased	COMCATE (Comcate & Newly implen	https://www.comcate.com/solutions/permitting-and-inspections/	Marc Henderson	410-548-2809
Hebron town		Private Vendor Purchased	Accufund	https://accufund.com/government-accounting	Melinda Stafford	410-742-5555
Salisbury city	No	Private Vendor Purchased	MUNIS (Tyler Technologies)	https://www.tylertech.com/products/munis	Beverly Tull	410-548-3130
Willards town		Developed In house/Homegrown			Robin Littleton	410-835-8192
Worcester County		Developed In house/Homegrown			Jennifer Keener	410-632-1200 x 1123
Berlin town		Developed In house/Homegrown			Carolyn Duffy	410-629-1483
Ocean City town		Private Vendor Purchased	Central Square	https://www.centralsquare.com/	Karen Gunzelman	410-289-5701
Pocomoke City city		Private Vendor Purchased	EnerGov (Tyler Technologies)	https://www.tylertech.com/products/energov/community-development	Daniel Brandewie	410-957-1633
Snow Hill town		Developed In house/Homegrown	Microsoft Excel		Margot Resto	410-632-2080

Place	13. Does your jurisdiction collect and publish a report on building permit activity?	County Report-ing	Muni-cipal Report-ing	14. If answer to #13 is "Yes", do you post the reports online?	County Report-ing Online	Muni-cipal Report-ing Online
Allegany County	Yes	Yes		No	No	
Cumberland city	No		No	No		No
Frostburg city	Yes		Yes	No		No
Anne Arundel County	Yes	Yes		Yes	Yes	
Annapolis city	Yes		Yes	Yes		Yes
Baltimore city	Yes	Yes		Yes	Yes	
Baltimore County	Yes	Yes		Yes	Yes	
Calvert County	Yes	Yes		No	No	
North Beach town	No		No	No		No
Caroline County	No	No		No	No	
Denton town	Yes		Yes	No		No
Greensboro town	No		No			No
Ridgely town			No			No
Carroll County	No	No		No	No	
Manchester town	No		No			No
Sykesville town	No		No			No
Taneytown city	No		No			No
Westminster city	Yes		Yes	Yes		Yes
Cecil County	Yes	Yes		Yes	Yes	
Elkton town	Yes		Yes	No		No
North East town	Yes		Yes	Yes		Yes
Perryville town	Yes		Yes	No		No
Rising Sun town	No		No	No		No
Charles County	Yes	Yes		No	No	
Indian Head town	Yes		Yes	No		No
La Plata town	Yes		Yes	Yes		Yes
Dorchester County	Yes	Yes		No	No	
Cambridge city	No		No	No		No
East New Market town	No		No			No
Galestown town	No		No			No

Place	13. Does your jurisdiction collect and publish a report on building permit activity?	County Report-ing	Muni-cipal Report-ing	14. If answer to #13 is "Yes", do you post the reports online?	County Report-ing Online	Muni-cipal Report-ing Online
Frederick County	Yes	Yes		Yes	Yes	
Brunswick city	Yes		Yes	No		No
Burkittsville town	No		No	No		No
Emmitsburg town	No		No			No
Frederick city	No		No			No
Middletown town	Yes		Yes	Yes		Yes
Myersville town	Yes		Yes	Yes		Yes
Thurmont town	No		No	No		No
Walkersville town	No		No			No
Garrett County	Yes	Yes		No	No	
Mountain Lake Park town	Yes		Yes	No		No
Harford County	Yes	Yes		Yes	Yes	
Aberdeen city	Yes		Yes	No		No
Bel Air town	Yes		Yes	No		No
Havre de Grace city	No		No			No
Howard County	Yes	Yes		Yes	Yes	
Kent County	Yes	Yes		No	No	
Rock Hall town	No		No	No		No
Montgomery County	Yes	Yes		Yes	Yes	
Chevy Chase Section Five village	Yes		Yes	Yes		Yes
Chevy Chase Village town	Yes		Yes	No		No
Gaithersburg city	Yes		Yes	No		No
Kensington town	Yes		Yes	Yes		Yes
North Chevy Chase village	Yes		Yes	Yes		Yes
Rockville city	Yes		Yes	Yes		Yes
Takoma Park city	No		No			No
Prince George's County	No	No		No	No	
Bowie city	Yes		Yes	No		No
Brentwood town	No		No			No
Cheverly town	No		No			No
College Park city	No		No			No
District Heights city	Yes		Yes	No		No
Forest Heights town	Yes		Yes	Yes		Yes
Greenbelt city	No		No			No
Landover Hills town	No		No			No
Laurel city	Yes		Yes	No		No
Mount Rainier city	No		No	No		No
Riverdale Park town	Yes		Yes	Yes		Yes
Seat Pleasant city	No		No			No
University Park town	No		No			No
Upper Marlboro town	No		No			No

Place	13. Does your jurisdiction collect and publish a report on building permit activity?	County Report-ing	Muni-cipal Report-ing	14. If answer to #13 is "Yes", do you post the reports online?	County Report-ing Online	Muni-cipal Report-ing Online
Queen Anne's County	Yes	Yes		Yes	Yes	
Centreville town	Yes		Yes	No		No
St. Mary's County	No	No		No	No	
Leonardtown town	Yes		Yes	No		No
Somerset County	Yes	Yes		No	No	
Princess Anne town	No		No			No
Talbot County	Yes	Yes		No	No	
Easton town	Yes		Yes	No		No
Washington County	Yes	Yes		Yes	Yes	
Boonsboro town			No	No		No
Hagerstown city	Yes		Yes	No		No
Williamsport town	Yes		Yes	No		No
Wicomico County	Yes	Yes		Yes	Yes	
Delmar town	No		No	No		No
Fruitland city	No		No	No		No
Hebron town	No		No	No		No
Salisbury city	Yes		Yes	Yes		Yes
Willards town	No		No	No		No
Worcester County	Yes	Yes		No	No	
Berlin town	Yes		Yes	No		No
Ocean City town	Yes		Yes	No		No
Pocomoke City city	Yes		Yes	No		No
Snow Hill town	No		No	No		No

Appendix C

2014-2019 Six Year Annual Average of building permits by Maryland jurisdictions using the US Census Building Permits Survey

2014-2019 Average

	State, Jurisdiction, Permit Issuing Place	ANNUAL AVERAGE OF TOTAL NEW AUTHORIZED HOUSING UNITS			
		Buildings	Total Units	Rank	*Units as Percent of State*
1	**MARYLAND**	11,892	17,299		
2					
3					
4	**ALLEGANY**	25	39	48	0.22%
5	Allegany County Unincorporated Area	21	27	57	0.16%
6	Barton	0	0	93	0.00%
7	Cumberland	2	2	80	0.01%
8	Frostburg	2	10	65	0.06%
9	Lonaconing	0	0	93	0.00%
10	Luke	0	0	93	0.00%
11	Midland	-	-	100	0.00%
12	Westernport	-	-	100	0.00%
13					
14	**ANNE ARUNDEL**	1,781	2,432	2	14.06%
15	Annapolis	64	135	31	0.78%
16	Anne Arundel County Unincorporated Area	1,717	2,297	3	13.28%
17					
18	**BALTIMORE CITY**	200	925	11	5.35%
19					
20	**BALTIMORE COUNTY**	875	1,418	9	8.20%
21					
22	**CALVERT**	237	276	22	1.60%
23					
24	**CAROLINE**	53	58	40	0.33%
25	Caroline County Unincorporated Area	38	38	49	0.22%
26	Denton	11	16	63	0.09%
27	Federalsburg	0	0	91	0.00%
28	Goldsboro	0	0	93	0.00%
29	Greensboro	1	1	83	0.01%
30	Henderson	-	-	100	0.00%
31	Hillsboro	-	-	100	0.00%
32	Marydel	-	-	100	0.00%
33	Preston	-	-	100	0.00%
34	Ridgely	3	3	72	0.02%
35					
36	**CARROLL**	305	337	19	1.95%
37					

2014-2019 Six-Year Average Annual New Housing Permits

38	**CECIL**	130	151	29	0.87%
39	Cecil County Unincorporated Area	122	143	30	0.83%
40	Elkton	8	8	67	0.05%
41	Rising Sun	-	-	100	0.00%
42					
43	**CHARLES**	767	844	13	4.88%
44	Charles County Unincorporated Area	702	780	14	4.51%
45	Indian Head	1	1	82	0.01%
46	La Plata	64	64	39	0.37%
47					
48	**DORCHESTER**	43	49	42	0.28%
49	Cambridge	10	17	62	0.10%
50	Dorchester County Unincorporated Area	30	30	54	0.17%
51	Hurlock	2	2	78	0.01%
52	Secretary	1	1	83	0.01%
53					
54	**FREDERICK**	1,243	1,803	7	10.42%
55	Frederick	223	481	18	2.78%
56	Frederick County Unincorporated Area	1,021	1,322	10	7.64%
57					
58	**GARRETT**	100	103	33	0.60%
59					
60	**HARFORD**	672	885	12	5.11%
61	Aberdeen	30	72	35	0.42%
62	Bel Air	17	28	56	0.16%
63	Harford County Unincorporated Area	545	704	17	4.07%
64	Havre de Grace	80	81	34	0.47%
65					
66	**HOWARD**	926	1,540	8	8.90%
67					
68	**KENT**	32	32	53	0.19%
69	Betterton	1	1	89	0.00%
70	Chestertown	3	3	74	0.02%
71	Galena	1	1	87	0.00%
72	Kent County Unincorporated Area	26	26	59	0.15%
73	Millington	-	-	100	0.00%
74	Rock Hall	3	3	74	0.02%
75					
76	**MONTGOMERY**	1,195	2,483	1	14.35%
77	Gaithersburg	84	108	32	0.63%
78	Montgomery County Unincorporated Area	1,081	2,055	6	11.88%
79	Rockville	30	320	20	1.85%
80					
81	**PRINCE GEORGE'S**	1,709	2,094	4	12.10%
82	Laurel	22	26	58	0.15%
83	Prince Georges County Unincorporated Area	1,688	2,068	5	11.95%
84					

85	**QUEEN ANNE'S**	188	218	24	1.26%
86	Barclay	-	-	100	0.00%
87	Centreville	25	35	52	0.20%
88	Church Hill	1	2	77	0.01%
89	Queen Anne	0	0	91	0.00%
90	Queen Annes County Unincorporated Area	158	176	26	1.02%
91	Queenstown	4	4	70	0.02%
92	Sudlersville	1	1	83	0.01%
93	Templeville	0	0	93	0.00%
94					
95	**ST. MARY'S**	740	763	15	4.41%
96	Leonardtown	45	49	43	0.28%
97	St. Marys County Unincorporated Area	695	715	16	4.13%
98					
99	**SOMERSET**	32	71	36	0.41%
100	Crisfield	3	3	71	0.02%
101	Princess Anne	6	30	55	0.17%
102	Somerset County Unincorporated Area	23	38	49	0.22%
103					
104	**TALBOT**	67	70	37	0.40%
105	Easton	38	41	47	0.24%
106	Oxford	1	1	86	0.00%
107	St. Michaels	5	5	68	0.03%
108	Talbot County Unincorporated Area	22	22	60	0.12%
109	Trappe	2	2	78	0.01%
110					
111	**WASHINGTON**	238	277	21	1.60%
112	Boonsboro	18	18	61	0.11%
113	Clear Spring	1	1	87	0.00%
114	Funkstown	-	-	100	0.00%
115	Hagerstown	31	43	46	0.25%
116	Hancock	1	1	89	0.00%
117	Keedysville	4	4	69	0.02%
118	Sharpsburg	0	0	93	0.00%
119	Smithsburg	0	0	93	0.00%
120	Washington County Unincorporated Area	183	209	25	1.21%
121	Williamsport	-	-	100	0.00%
122					
123	**WICOMICO**	141	176	26	1.02%
124	Delmar	35	35	51	0.20%
125	Fruitland	13	16	63	0.09%
126	Salisbury	20	53	41	0.30%
127	Sharptown	1	1	81	0.01%
128	Wicomico County Unincorporated Area	70	70	37	0.40%
129	Willards	3	3	73	0.02%
130					
131	**WORCESTER**	196	256	23	1.48%
132	Berlin	17	47	44	0.27%
133	Ocean City	34	45	45	0.26%
134	Pocomoke City	9	9	66	0.05%
135	Snow Hill	2	2	76	0.01%
136	Worcester County Unincorporated Area	135	153	28	0.88%

2019

	State, Jurisdiction, Permit Issuing Place	TOTAL NEW AUTHORIZED HOUSING UNITS			
		Buildings	Total Units	*Units as Percent of State*	
1	**MARYLAND**	12,273	18,491	100.00%	
2					
3					
4	**ALLEGANY**	27	65	0.35%	
5	Allegany County Unincorporated Area	21	59	0.32%	
6	Barton	-	-	0.00%	
7	Cumberland	-	-	0.00%	
8	Frostburg	6	6	0.03%	
9	Lonaconing	-	-	0.00%	
10	Luke	-	-	0.00%	
11	Midland	-	-	0.00%	
12	Westernport	-	-	0.00%	
13					
14	**ANNE ARUNDEL**	1,784	2,650	14.33%	
15	Annapolis	42	241	1.30%	
16	Anne Arundel County Unincorporated Area	1,742	2,409	13.03%	
17					
18	**BALTIMORE CITY**	149	510	2.76%	
19					
20	**BALTIMORE COUNTY**	793	1,417	7.66%	
21					
22	**CALVERT**	195	430	2.33%	
23					
24	**CAROLINE**	65	65	0.35%	
25	Caroline County Unincorporated Area	43	43	0.23%	
26	Denton	17	17	0.09%	
27	Federalsburg	1	1	0.01%	
28	Goldsboro	1	1	0.01%	
29	Greensboro	2	2	0.01%	
30	Henderson	-	-	0.00%	
31	Hillsboro	-	-	0.00%	
32	Marydel	-	-	0.00%	
33	Preston	-	-	0.00%	
34	Ridgely	1	1	0.01%	
35					
36	**CARROLL**	331	342	1.85%	
37					

2014-2019 Six-Year Average Annual New Housing Permits

38	**CECIL**	188	188	1.02%
39	Cecil County Unincorporated Area	177	177	0.96%
40	Elkton	11	11	0.06%
41	Rising Sun	-	-	0.00%
42				
43	**CHARLES**	702	776	4.20%
44	Charles County Unincorporated Area	611	685	3.70%
45	Indian Head	3	3	0.02%
46	La Plata	88	88	0.48%
47				
48	**DORCHESTER**	54	54	0.29%
49	Cambridge	15	15	0.08%
50	Dorchester County Unincorporated Area	36	36	0.19%
51	Hurlock	3	3	0.02%
52	Secretary	-	-	0.00%
53		-	-	0.00%
54	**FREDERICK**	1,724	2,407	13.02%
55	Frederick	287	515	2.79%
56	Frederick County Unincorporated Area	1,437	1,892	10.23%
57				
58	**GARRETT**	91	107	0.58%
59				
60	**HARFORD**	816	930	5.03%
61	Aberdeen	9	9	0.05%
62	Bel Air	48	93	0.50%
63	Harford County Unincorporated Area	679	742	4.01%
64	Havre de Grace	80	86	0.47%
65				
66	**HOWARD**	763	779	4.21%
67				
68	**KENT**	25	25	0.14%
69	Betterton	-	-	0.00%
70	Chestertown	1	1	0.01%
71	Galena	-	-	0.00%
72	Kent County Unincorporated Area	24	24	0.13%
73	Millington	-	-	0.00%
74	Rock Hall	-	-	0.00%
75				
76	**MONTGOMERY**	755	3,225	17.44%
77	Gaithersburg	4	66	0.36%
78	Montgomery County Unincorporated Area	673	2,414	13.05%
79	Rockville	78	745	4.03%
80				
81	**PRINCE GEORGE'S**	2,120	2,569	13.89%
82	Laurel	33	40	0.22%
83	Prince Georges County Unincorporated Area	2,087	2,529	13.68%
84				

85	**QUEEN ANNE'S**	248	339	1.83%
86	Barclay	-	-	0.00%
87	Centreville	3	3	0.02%
88	Church Hill	-	-	0.00%
89	Queen Anne	-	-	0.00%
90	Queen Annes County Unincorporated Area	236	327	1.77%
91	Queenstown	3	3	0.02%
92	Sudlersville	6	6	0.03%
93	Templeville	-	-	0.00%
94				
95	**ST. MARY'S**	625	689	3.73%
96	Leonardtown	57	57	0.31%
97	St. Marys County Unincorporated Area	568	632	3.42%
98				
99	**SOMERSET**	25	25	0.14%
100	Crisfield	1	1	0.01%
101	Princess Anne	9	9	0.05%
102	Somerset County Unincorporated Area	15	15	0.08%
103				
104	**TALBOT**	69	70	0.38%
105	Easton	44	44	0.24%
106	Oxford	-	-	0.00%
107	St. Michaels	3	3	0.02%
108	Talbot County Unincorporated Area	19	19	0.10%
109	Trappe	3	4	0.02%
110				
111	**WASHINGTON**	246	247	1.34%
112	Boonsboro	9	9	0.05%
113	Clear Spring	-	-	0.00%
114	Funkstown	-	-	0.00%
115	Hagerstown	41	41	0.22%
116	Hancock	-	-	0.00%
117	Keedysville	-	-	0.00%
118	Sharpsburg	-	-	0.00%
119	Smithsburg	1	1	0.01%
120	Washington County Unincorporated Area	195	196	1.06%
121	Williamsport	-	-	0.00%
122				
123	**WICOMICO**	232	266	1.44%
124	Delmar	111	111	0.60%
125	Fruitland	12	12	0.06%
126	Salisbury	38	72	0.39%
127	Sharptown	4	4	0.02%
128	Wicomico County Unincorporated Area	65	65	0.35%
129	Willards	2	2	0.01%
130				
131	**WORCESTER**	246	316	1.71%
132	Berlin	11	57	0.31%
133	Ocean City	49	61	0.33%
134	Pocomoke City	16	17	0.09%
135	Snow Hill	4	4	0.02%
136	Worcester County Unincorporated Area	166	177	0.96%

2018

	State, Jurisdiction, Permit Issuing Place	TOTAL NEW AUTHORIZED HOUSING UNITS			
		Buildings	Total Units	*Units as Percent of State*	
1	**MARYLAND**	13,120	18,647	100%	
2		-	-	0%	
3		-	-	0%	
4	**ALLEGANY**	30	30	0%	
5	Allegany County Unincorporated Area	27	27	0%	
6	Barton	-	-	0%	
7	Cumberland	2	2	0%	
8	Frostburg	1	1	0%	
9	Lonaconing	-	-	0%	
10	Luke	-	-	0%	
11	Midland	-	-	0%	
12	Westernport	-	-	0%	
13		-	-	0%	
14	**ANNE ARUNDEL**	2,041	2,046	11%	
15	Annapolis	51	56	0%	
16	Anne Arundel County Unincorporated Area	1,990	1,990	11%	
17		-	-	0%	
18	**BALTIMORE CITY**	107	1,547	8%	
19		-	-	0%	
20	**BALTIMORE COUNTY**	1,101	2,107	11%	
21		-	-	0%	
22	**CALVERT**	184	184	1%	
23		-	-	0%	
24	**CAROLINE**	59	59	0%	
25	Caroline County Unincorporated Area	40	40	0%	
26	Denton	13	13	0%	
27	Federalsburg	1	1	0%	
28	Goldsboro	-	-	0%	
29	Greensboro	2	2	0%	
30	Henderson	-	-	0%	
31	Hillsboro	-	-	0%	
32	Marydel	-	-	0%	
33	Preston	-	-	0%	
34	Ridgely	3	3	0%	
35		-	-	0%	
36	**CARROLL**	290	399	2%	
37		-	-	0%	

2014-2019 Six-Year Average Annual New Housing Permits

38	**CECIL**	155	155	1%
39	Cecil County Unincorporated Area	144	144	1%
40	Elkton	11	11	0%
41	Rising Sun	-	-	0%
42		-	-	0%
43	**CHARLES**	688	734	4%
44	Charles County Unincorporated Area	611	657	4%
45	Indian Head	1	1	0%
46	La Plata	76	76	0%
47		-	-	0%
48	**DORCHESTER**	53	54	0%
49	Cambridge	15	16	0%
50	Dorchester County Unincorporated Area	33	33	0%
51	Hurlock	5	5	0%
52	Secretary	-	-	0%
53		-	-	0%
54	**FREDERICK**	1,610	2,000	11%
55	Frederick	177	196	1%
56	Frederick County Unincorporated Area	1,433	1,804	10%
57		-	-	0%
58	**GARRETT**	92	92	0%
59		-	-	0%
60	**HARFORD**	839	863	5%
61	Aberdeen	1	1	0%
62	Bel Air	28	52	0%
63	Harford County Unincorporated Area	685	685	4%
64	Havre de Grace	125	125	1%
65		-	-	0%
66	**HOWARD**	825	2,046	11%
67		-	-	0%
68	**KENT**	28	28	0%
69	Betterton	1	1	0%
70	Chestertown	-	-	0%
71	Galena	1	1	0%
72	Kent County Unincorporated Area	21	21	0%
73	Millington	-	-	0%
74	Rock Hall	5	5	0%
75		-	-	0%
76	**MONTGOMERY**	1,008	1,947	10%
77	Gaithersburg	15	20	0%
78	Montgomery County Unincorporated Area	970	1,835	10%
79	Rockville	23	92	0%
80		-	-	0%
81	**PRINCE GEORGE'S**	2,106	2,267	12%
82	Laurel	40	53	0%
83	Prince Georges County Unincorporated Area	2,066	2,214	12%
84		-	-	0%

85	**QUEEN ANNE'S**	219	279	1%
86	Barclay	-	-	0%
87	Centreville	19	79	0%
88	Church Hill	1	1	0%
89	Queen Anne	-	-	0%
90	Queen Annes County Unincorporated Area	194	194	1%
91	Queenstown	5	5	0%
92	Sudlersville	-	-	0%
93	Templeville	-	-	0%
94		-	-	0%
95	**ST. MARY'S**	877	931	5%
96	Leonardtown	51	51	0%
97	St. Marys County Unincorporated Area	826	880	5%
98		-	-	0%
99	**SOMERSET**	36	36	0%
100	Crisfield	4	4	0%
101	Princess Anne	6	6	0%
102	Somerset County Unincorporated Area	26	26	0%
103		-	-	0%
104	**TALBOT**	91	107	1%
105	Easton	53	69	0%
106	Oxford	2	2	0%
107	St. Michaels	10	10	0%
108	Talbot County Unincorporated Area	24	24	0%
109	Trappe	2	2	0%
110		-	-	0%
111	**WASHINGTON**	308	310	2%
112	Boonsboro	32	32	0%
113	Clear Spring	2	2	0%
114	Funkstown	-	-	0%
115	Hagerstown	40	40	0%
116	Hancock	1	1	0%
117	Keedysville	3	3	0%
118	Sharpsburg	-	-	0%
119	Smithsburg	-	-	0%
120	Washington County Unincorporated Area	230	232	1%
121	Williamsport	-	-	0%
122		-	-	0%
123	**WICOMICO**	175	187	1%
124	Delmar	56	56	0%
125	Fruitland	12	12	0%
126	Salisbury	29	41	0%
127	Sharptown	4	4	0%
128	Wicomico County Unincorporated Area	73	73	0%
129	Willards	1	1	0%
130		-	-	0%
131	**WORCESTER**	198	239	1%
132	Berlin	10	33	0%
133	Ocean City	28	40	0%
134	Pocomoke City	21	21	0%
135	Snow Hill	2	2	0%
136	Worcester County Unincorporated Area	137	143	1%

2017

	State, Jurisdiction, Permit Issuing Place	TOTAL NEW AUTHORIZED HOUSING UNITS			
		Buildings	Total Units	*Units as Percent of State*	
1	**MARYLAND**	12,516	16,224	100.00%	
2		0	0	0.00%	
3		0	0	0.00%	
4	**ALLEGANY**	21	21	0.13%	
5	Allegany County Unincorporated Area	19	19	0.12%	
6	Barton	0	0	0.00%	
7	Cumberland	1	1	0.01%	
8	Frostburg	0	0	0.00%	
9	Lonaconing	0	0	0.00%	
10	Luke	1	1	0.01%	
11	Midland	0	0	0.00%	
12	Westernport	0	0	0.00%	
13		0	0	0.00%	
14	**ANNE ARUNDEL**	1,843	2,406	14.83%	
15	Annapolis	46	46	0.28%	
16	Anne Arundel County Unincorporated Area	1,797	2,360	14.55%	
17		0	0	0.00%	
18	**BALTIMORE CITY**	175	438	2.70%	
19		0	0	0.00%	
20	**BALTIMORE COUNTY**	974	1,376	8.48%	
21		0	0	0.00%	
22	**CALVERT**	263	263	1.62%	
23		0	0	0.00%	
24	**CAROLINE**	55	55	0.34%	
25	Caroline County Unincorporated Area	40	40	0.25%	
26	Denton	9	9	0.06%	
27	Federalsburg	0	0	0.00%	
28	Goldsboro	0	0	0.00%	
29	Greensboro	1	1	0.01%	
30	Henderson	0	0	0.00%	
31	Hillsboro	0	0	0.00%	
32	Marydel	0	0	0.00%	
33	Preston	0	0	0.00%	
34	Ridgely	5	5	0.03%	
35		0	0	0.00%	
36	**CARROLL**	310	312	1.92%	
37		0	0	0.00%	

38	**CECIL**	99	99	0.61%
39	Cecil County Unincorporated Area	99	99	0.61%
40	Elkton	0	0	0.00%
41	Rising Sun	0	0	0.00%
42		0	0	0.00%
43	**CHARLES**	682	682	4.20%
44	Charles County Unincorporated Area	645	645	3.98%
45	Indian Head	1	1	0.01%
46	La Plata	36	36	0.22%
47		0	0	0.00%
48	**DORCHESTER**	42	43	0.27%
49	Cambridge	10	11	0.07%
50	Dorchester County Unincorporated Area	30	30	0.18%
51	Hurlock	2	2	0.01%
52	Secretary	0	0	0.00%
53		0	0	0.00%
54	**FREDERICK**	1,583	1,893	11.67%
55	Frederick	257	497	3.06%
56	Frederick County Unincorporated Area	1,326	1,396	8.60%
57		0	0	0.00%
58	**GARRETT**	67	67	0.41%
59		0	0	0.00%
60	**HARFORD**	714	886	5.46%
61	Aberdeen	18	18	0.11%
62	Bel Air	14	14	0.09%
63	Harford County Unincorporated Area	565	737	4.54%
64	Havre de Grace	117	117	0.72%
65		0	0	0.00%
66	**HOWARD**	827	1,219	7.51%
67		0	0	0.00%
68	**KENT**	33	33	0.20%
69	Betterton	0	0	0.00%
70	Chestertown	1	1	0.01%
71	Galena	1	1	0.01%
72	Kent County Unincorporated Area	27	27	0.17%
73	Millington	0	0	0.00%
74	Rock Hall	4	4	0.02%
75		0	0	0.00%
76	**MONTGOMERY**	1,085	1,637	10.09%
77	Gaithersburg	56	80	0.49%
78	Montgomery County Unincorporated Area	1,007	1,411	8.70%
79	Rockville	22	146	0.90%
80		0	0	0.00%
81	**PRINCE GEORGE'S**	1,730	2,618	16.14%
82	Laurel	40	47	0.29%
83	Prince Georges County Unincorporated Area	1,690	2,571	15.85%
84		0	0	0.00%

85	**QUEEN ANNE'S**	203	203	1.25%
86	Barclay	0	0	0.00%
87	Centreville	19	19	0.12%
88	Church Hill	0	0	0.00%
89	Queen Anne	0	0	0.00%
90	Queen Annes County Unincorporated Area	180	180	1.11%
91	Queenstown	4	4	0.02%
92	Sudlersville	0	0	0.00%
93	Templeville	0	0	0.00%
94		0	0	0.00%
95	**ST. MARY'S**	1,164	1,164	7.17%
96	Leonardtown	32	32	0.20%
97	St. Marys County Unincorporated Area	1,132	1,132	6.98%
98		0	0	0.00%
99	**SOMERSET**	16	16	0.10%
100	Crisfield	1	1	0.01%
101	Princess Anne	2	2	0.01%
102	Somerset County Unincorporated Area	13	13	0.08%
103		0	0	0.00%
104	**TALBOT**	74	74	0.46%
105	Easton	48	48	0.30%
106	Oxford	1	1	0.01%
107	St. Michaels	5	5	0.03%
108	Talbot County Unincorporated Area	18	18	0.11%
109	Trappe	2	2	0.01%
110		0	0	0.00%
111	**WASHINGTON**	252	308	1.90%
112	Boonsboro	15	15	0.09%
113	Clear Spring	2	2	0.01%
114	Funkstown	0	0	0.00%
115	Hagerstown	26	26	0.16%
116	Hancock	0	0	0.00%
117	Keedysville	14	14	0.09%
118	Sharpsburg	1	1	0.01%
119	Smithsburg	0	0	0.00%
120	Washington County Unincorporated Area	194	250	1.54%
121	Williamsport	0	0	0.00%
122		0	0	0.00%
123	**WICOMICO**	127	129	0.80%
124	Delmar	9	9	0.06%
125	Fruitland	4	4	0.02%
126	Salisbury	17	19	0.12%
127	Sharptown	0	0	0.00%
128	Wicomico County Unincorporated Area	95	95	0.59%
129	Willards	2	2	0.01%
130		0	0	0.00%
131	**WORCESTER**	177	282	1.74%
132	Berlin	11	102	0.63%
133	Ocean City	24	27	0.17%
134	Pocomoke City	7	7	0.04%
135	Snow Hill	2	2	0.01%
136	Worcester County Unincorporated Area	133	144	0.89%

2016

	State, Jurisdiction, Permit Issuing Place	TOTAL NEW AUTHORIZED HOUSING UNITS			
		Buildings	Total Units	*Units as Percent of State*	
1	**MARYLAND**	11,331	17,044	100%	
2		-	-	0%	
3		-	-	0%	
4	**ALLEGANY**	27	41	0%	
5	Allegany County Unincorporated Area	21	21	0%	
6	Barton	-	-	0%	
7	Cumberland	3	3	0%	
8	Frostburg	3	17	0%	
9	Lonaconing	-	-	0%	
10	Luke	-	-	0%	
11	Midland	-	-	0%	
12	Westernport	-	-	0%	
13		-	-	0%	
14	**ANNE ARUNDEL**	1,717	2,394	14%	
15	Annapolis	40	40	0%	
16	Anne Arundel County Unincorporated Area	1,677	2,354	14%	
17		-	-	0%	
18	**BALTIMORE CITY**	286	943	6%	
19		-	-	0%	
20	**BALTIMORE COUNTY**	771	1,293	8%	
21		-	-	0%	
22	**CALVERT**	236	236	1%	
23		-	-	0%	
24	**CAROLINE**	55	85	0%	
25	Caroline County Unincorporated Area	34	34	0%	
26	Denton	12	42	0%	
27	Federalsburg	-	-	0%	
28	Goldsboro	-	-	0%	
29	Greensboro	-	-	0%	
30	Henderson	-	-	0%	
31	Hillsboro	-	-	0%	
32	Marydel	-	-	0%	
33	Preston	-	-	0%	
34	Ridgely	9	9	0%	
35		-	-	0%	
36	**CARROLL**	290	294	2%	
37		-	-	0%	

2014-2019 Six-Year Average Annual New Housing Permits

38	**CECIL**	78	78	0%
39	Cecil County Unincorporated Area	76	76	0%
40	Elkton	2	2	0%
41	Rising Sun	-	-	0%
42		-	-	0%
43	**CHARLES**	800	869	5%
44	Charles County Unincorporated Area	761	830	5%
45	Indian Head	1	1	0%
46	La Plata	38	38	0%
47		-	-	0%
48	**DORCHESTER**	44	81	0%
49	Cambridge	7	44	0%
50	Dorchester County Unincorporated Area	36	36	0%
51	Hurlock	-	-	0%
52	Secretary	1	1	0%
53		-	-	0%
54	**FREDERICK**	926	1,906	11%
55	Frederick	188	625	4%
56	Frederick County Unincorporated Area	738	1,281	8%
57		-	-	0%
58	**GARRETT**	43	43	0%
59		-	-	0%
60	**HARFORD**	622	847	5%
61	Aberdeen	55	232	1%
62	Bel Air	3	3	0%
63	Harford County Unincorporated Area	500	548	3%
64	Havre de Grace	64	64	0%
65		-	-	0%
66	**HOWARD**	1,058	2,154	13%
67		-	-	0%
68	**KENT**	28	28	0%
69	Betterton	1	1	0%
70	Chestertown	7	7	0%
71	Galena	1	1	0%
72	Kent County Unincorporated Area	17	17	0%
73	Millington	-	-	0%
74	Rock Hall	2	2	0%
75		-	-	0%
76	**MONTGOMERY**	1,428	2,170	13%
77	Gaithersburg	72	75	0%
78	Montgomery County Unincorporated Area	1,324	1,789	10%
79	Rockville	32	306	2%
80		-	-	0%
81	**PRINCE GEORGE'S**	1,569	2,060	12%
82	Laurel	16	16	0%
83	Prince Georges County Unincorporated Area	1,553	2,044	12%
84		-	-	0%

85	**QUEEN ANNE'S**	123	145	1%
86	Barclay	-	-	0%
87	Centreville	16	16	0%
88	Church Hill	1	1	0%
89	Queen Anne	-	-	0%
90	Queen Annes County Unincorporated Area	102	124	1%
91	Queenstown	4	4	0%
92	Sudlersville	-	-	0%
93	Templeville	-	-	0%
94		-	-	0%
95	**ST. MARY'S**	691	698	4%
96	Leonardtown	30	37	0%
97	St. Marys County Unincorporated Area	661	661	4%
98		-	-	0%
99	**SOMERSET**	25	25	0%
100	Crisfield	4	4	0%
101	Princess Anne	6	6	0%
102	Somerset County Unincorporated Area	15	15	0%
103		-	-	0%
104	**TALBOT**	50	50	0%
105	Easton	28	28	0%
106	Oxford	1	1	0%
107	St. Michaels	3	3	0%
108	Talbot County Unincorporated Area	16	16	0%
109	Trappe	2	2	0%
110		-	-	0%
111	**WASHINGTON**	197	200	1%
112	Boonsboro	22	22	0%
113	Clear Spring	-	-	0%
114	Funkstown	-	-	0%
115	Hagerstown	25	25	0%
116	Hancock	-	-	0%
117	Keedysville	7	7	0%
118	Sharpsburg	-	-	0%
119	Smithsburg	-	-	0%
120	Washington County Unincorporated Area	143	146	1%
121	Williamsport	-	-	0%
122		-	-	0%
123	**WICOMICO**	91	171	1%
124	Delmar	8	8	0%
125	Fruitland	10	24	0%
126	Salisbury	12	78	0%
127	Sharptown	-	-	0%
128	Wicomico County Unincorporated Area	58	58	0%
129	Willards	3	3	0%
130		-	-	0%
131	**WORCESTER**	176	233	1%
132	Berlin	10	33	0%
133	Ocean City	39	39	0%
134	Pocomoke City	3	3	0%
135	Snow Hill	3	3	0%
136	Worcester County Unincorporated Area	121	155	1%

2015

	State, Jurisdiction, Permit Issuing Place	TOTAL NEW AUTHORIZED HOUSING UNITS			
		Buildings	Total Units	*Units as Percent of State*	
1	**MARYLAND**	11,329	17,057	100.00%	
2		-	-	0.00%	
3		-	-	0.00%	
4	**ALLEGANY**	21	49	0.29%	
5	Allegany County Unincorporated Area	20	20	0.12%	
6	Barton	-	-	0.00%	
7	Cumberland	-	-	0.00%	
8	Frostburg	1	29	0.17%	
9	Lonaconing	-	-	0.00%	
10	Luke	-	-	0.00%	
11	Midland	-	-	0.00%	
12	Westernport	-	-	0.00%	
13		-	-	0.00%	
14	**ANNE ARUNDEL**	1,597	2,656	15.57%	
15	Annapolis	44	55	0.32%	
16	Anne Arundel County Unincorporated Area	1,553	2,601	15.25%	
17		-	-	0.00%	
18	**BALTIMORE CITY**	231	1,293	7.58%	
19		-	-	0.00%	
20	**BALTIMORE COUNTY**	774	1,312	7.69%	
21		-	-	0.00%	
22	**CALVERT**	328	332	1.95%	
23		-	-	0.00%	
24	**CAROLINE**	46	46	0.27%	
25	Caroline County Unincorporated Area	38	38	0.22%	
26	Denton	8	8	0.05%	
27	Federalsburg	-	-	0.00%	
28	Goldsboro	-	-	0.00%	
29	Greensboro	-	-	0.00%	
30	Henderson	-	-	0.00%	
31	Hillsboro	-	-	0.00%	
32	Marydel	-	-	0.00%	
33	Preston	-	-	0.00%	
34	Ridgely	-	-	0.00%	
35		-	-	0.00%	
36	**CARROLL**	293	319	1.87%	
37		-	-	0.00%	

2014-2019 Six-Year Average Annual New Housing Permits

38	**CECIL**	109	109	0.64%
39	Cecil County Unincorporated Area	99	99	0.58%
40	Elkton	10	10	0.06%
41	Rising Sun	-	-	0.00%
42		-	-	0.00%
43	**CHARLES**	939	1,214	7.12%
44	Charles County Unincorporated Area	855	1,130	6.62%
45	Indian Head	-	-	0.00%
46	La Plata	84	84	0.49%
47		-	-	0.00%
48	**DORCHESTER**	36	36	0.21%
49	Cambridge	2	2	0.01%
50	Dorchester County Unincorporated Area	30	30	0.18%
51	Hurlock	-	-	0.00%
52	Secretary	4	4	0.02%
53		-	-	0.00%
54	**FREDERICK**	790	1,303	7.64%
55	Frederick	212	383	2.25%
56	Frederick County Unincorporated Area	578	920	5.39%
57		-	-	0.00%
58	**GARRETT**	224	224	1.31%
59		-	-	0.00%
60	**HARFORD**	500	923	5.41%
61	Aberdeen	55	55	0.32%
62	Bel Air	5	5	0.03%
63	Harford County Unincorporated Area	397	820	4.81%
64	Havre de Grace	43	43	0.25%
65		-	-	0.00%
66	**HOWARD**	1,137	1,593	9.34%
67		-	-	0.00%
68	**KENT**	25	25	0.15%
69	Betterton	1	1	0.01%
70	Chestertown	3	3	0.02%
71	Galena	-	-	0.00%
72	Kent County Unincorporated Area	20	20	0.12%
73	Millington	-	-	0.00%
74	Rock Hall	1	1	0.01%
75		-	-	0.00%
76	**MONTGOMERY**	1,378	2,080	12.19%
77	Gaithersburg	161	161	0.94%
78	Montgomery County Unincorporated Area	1,209	1,864	10.93%
79	Rockville	8	55	0.32%
80		-	-	0.00%
81	**PRINCE GEORGE'S**	1,439	1,757	10.30%
82	Laurel	1	1	0.01%
83	Prince Georges County Unincorporated Area	1,438	1,756	10.29%
84		-	-	0.00%

85	**QUEEN ANNE'S**	167	168	0.98%
86	Barclay	-	-	0.00%
87	Centreville	51	51	0.30%
88	Church Hill	2	2	0.01%
89	Queen Anne	1	1	0.01%
90	Queen Annes County Unincorporated Area	107	107	0.63%
91	Queenstown	5	6	0.04%
92	Sudlersville	-	-	0.00%
93	Templeville	1	1	0.01%
94		-	-	0.00%
95	**ST. MARY'S**	629	641	3.76%
96	Leonardtown	49	61	0.36%
97	St. Marys County Unincorporated Area	580	580	3.40%
98		-	-	0.00%
99	**SOMERSET**	37	181	1.06%
100	Crisfield	2	2	0.01%
101	Princess Anne	8	152	0.89%
102	Somerset County Unincorporated Area	27	27	0.16%
103		-	-	0.00%
104	**TALBOT**	73	73	0.43%
105	Easton	35	35	0.21%
106	Oxford	1	1	0.01%
107	St. Michaels	2	2	0.01%
108	Talbot County Unincorporated Area	35	35	0.21%
109	Trappe	-	-	0.00%
110		-	-	0.00%
111	**WASHINGTON**	225	320	1.88%
112	Boonsboro	23	23	0.13%
113	Clear Spring	-	-	0.00%
114	Funkstown	-	-	0.00%
115	Hagerstown	22	22	0.13%
116	Hancock	2	2	0.01%
117	Keedysville	1	1	0.01%
118	Sharpsburg	-	-	0.00%
119	Smithsburg	-	-	0.00%
120	Washington County Unincorporated Area	177	272	1.59%
121	Williamsport	-	-	0.00%
122		-	-	0.00%
123	**WICOMICO**	101	137	0.80%
124	Delmar	11	11	0.06%
125	Fruitland	11	11	0.06%
126	Salisbury	11	47	0.28%
127	Sharptown	-	-	0.00%
128	Wicomico County Unincorporated Area	65	65	0.38%
129	Willards	3	3	0.02%
130		-	-	0.00%
131	**WORCESTER**	230	266	1.56%
132	Berlin	55	55	0.32%
133	Ocean City	32	41	0.24%
134	Pocomoke City	4	4	0.02%
135	Snow Hill	2	2	0.01%
136	Worcester County Unincorporated Area	137	164	0.96%

2014

	State, Jurisdiction, Permit Issuing Place	TOTAL NEW AUTHORIZED HOUSING UNITS			
		Buildings	Total Units	*Units as Percent of State*	
1	**MARYLAND**	10,782	16,331	100.00%	
2		-	-	0.00%	
3		-	-	0.00%	
4	**ALLEGANY**	21	25	0.15%	
5	Allegany County Unincorporated Area	15	15	0.09%	
6	Barton	1	1	0.01%	
7	Cumberland	3	3	0.02%	
8	Frostburg	1	5	0.03%	
9	Lonaconing	1	1	0.01%	
10	Luke	-	-	0.00%	
11	Midland	-	-	0.00%	
12	Westernport	-	-	0.00%	
13		-	-	0.00%	
14	**ANNE ARUNDEL**	1,703	2,441	14.95%	
15	Annapolis	162	372	2.28%	
16	Anne Arundel County Unincorporated Area	1,541	2,069	12.67%	
17		-	-	0.00%	
18	**BALTIMORE CITY**	251	821	5.03%	
19		-	-	0.00%	
20	**BALTIMORE COUNTY**	834	1,004	6.15%	
21		-	-	0.00%	
22	**CALVERT**	213	213	1.30%	
23		-	-	0.00%	
24	**CAROLINE**	35	35	0.21%	
25	Caroline County Unincorporated Area	30	30	0.18%	
26	Denton	4	4	0.02%	
27	Federalsburg	-	-	0.00%	
28	Goldsboro	-	-	0.00%	
29	Greensboro	1	1	0.01%	
30	Henderson	-	-	0.00%	
31	Hillsboro	-	-	0.00%	
32	Marydel	-	-	0.00%	
33	Preston	-	-	0.00%	
34	Ridgely	-	-	0.00%	
35		-	-	0.00%	
36	**CARROLL**	313	355	2.17%	
37		-	-	0.00%	

38	**CECIL**	149	278	1.70%
39	Cecil County Unincorporated Area	136	265	1.62%
40	Elkton	13	13	0.08%
41	Rising Sun	-	-	0.00%
42		-	-	0.00%
43	**CHARLES**	790	790	4.84%
44	Charles County Unincorporated Area	730	730	4.47%
45	Indian Head	1	1	0.01%
46	La Plata	59	59	0.36%
47		-	-	0.00%
48	**DORCHESTER**	27	27	0.17%
49	Cambridge	11	11	0.07%
50	Dorchester County Unincorporated Area	15	15	0.09%
51	Hurlock	-	-	0.00%
52	Secretary	1	1	0.01%
53		-	-	0.00%
54	**FREDERICK**	827	1,311	8.03%
55	Frederick	216	672	4.11%
56	Frederick County Unincorporated Area	611	639	3.91%
57		-	-	0.00%
58	**GARRETT**	85	85	0.52%
59		-	-	0.00%
60	**HARFORD**	538	860	5.27%
61	Aberdeen	44	117	0.72%
62	Bel Air	2	2	0.01%
63	Harford County Unincorporated Area	444	693	4.24%
64	Havre de Grace	48	48	0.29%
65		-	-	0.00%
66	**HOWARD**	947	1,446	8.85%
67		-	-	0.00%
68	**KENT**	54	54	0.33%
69	Betterton	-	-	0.00%
70	Chestertown	4	4	0.02%
71	Galena	1	1	0.01%
72	Kent County Unincorporated Area	45	45	0.28%
73	Millington	-	-	0.00%
74	Rock Hall	4	4	0.02%
75		-	-	0.00%
76	**MONTGOMERY**	1,518	3,839	23.51%
77	Gaithersburg	198	247	1.51%
78	Montgomery County Unincorporated Area	1,301	3,014	18.46%
79	Rockville	19	578	3.54%
80		-	-	0.00%
81	**PRINCE GEORGE'S**	1,292	1,292	7.91%
82	Laurel	-	-	0.00%
83	Prince Georges County Unincorporated Area	1,292	1,292	7.91%
84		-	-	0.00%

85	**QUEEN ANNE'S**	169	173	1.06%
86	Barclay	-	-	0.00%
87	Centreville	39	39	0.24%
88	Church Hill	3	7	0.04%
89	Queen Anne	1	1	0.01%
90	Queen Annes County Unincorporated Area	126	126	0.77%
91	Queenstown	-	-	0.00%
92	Sudlersville	-	-	0.00%
93	Templeville	-	-	0.00%
94		-	-	0.00%
95	**ST. MARY'S**	452	457	2.80%
96	Leonardtown	50	55	0.34%
97	St. Marys County Unincorporated Area	402	402	2.46%
98		-	-	0.00%
99	**SOMERSET**	52	140	0.86%
100	Crisfield	7	7	0.04%
101	Princess Anne	3	4	0.02%
102	Somerset County Unincorporated Area	42	129	0.79%
103		-	-	0.00%
104	**TALBOT**	43	43	0.26%
105	Easton	22	22	0.13%
106	Oxford	-	-	0.00%
107	St. Michaels	4	4	0.02%
108	Talbot County Unincorporated Area	17	17	0.10%
109	Trappe	-	-	0.00%
110		-	-	0.00%
111	**WASHINGTON**	198	274	1.68%
112	Boonsboro	9	9	0.06%
113	Clear Spring	-	-	0.00%
114	Funkstown	-	-	0.00%
115	Hagerstown	30	106	0.65%
116	Hancock	-	-	0.00%
117	Keedysville	-	-	0.00%
118	Sharpsburg	-	-	0.00%
119	Smithsburg	-	-	0.00%
120	Washington County Unincorporated Area	159	159	0.97%
121	Williamsport	-	-	0.00%
122		-	-	0.00%
123	**WICOMICO**	121	168	1.03%
124	Delmar	13	13	0.08%
125	Fruitland	30	30	0.18%
126	Salisbury	11	58	0.36%
127	Sharptown	-	-	0.00%
128	Wicomico County Unincorporated Area	61	61	0.37%
129	Willards	6	6	0.04%
130		-	-	0.00%
131	**WORCESTER**	150	200	1.22%
132	Berlin	4	4	0.02%
133	Ocean City	30	62	0.38%
134	Pocomoke City	2	2	0.01%
135	Snow Hill	-	-	0.00%
136	Worcester County Unincorporated Area	114	132	0.81%

Appendix D

2019 County and Municipal Population Ranking

Population Ranking for Counties and Municipalities
(Based on July 1, 2019 Estimates)

Place	County Ranking	Municipal Rank
Allegany County	16	
Barton town		127
Cumberland city		12
Frostburg city		26
Lonaconing town		94
Luke town		154
Midland town		128
Westernport town		78
Anne Arundel County	5	
Annapolis city		7
Highland Beach town		152
Baltimore city	4	**1**
Baltimore County	3	
Calvert County	15	
Chesapeake Beach town		37
North Beach town		73
Caroline County	20	
Denton town		48
Federalsburg town		64
Goldsboro town		140
Greensboro town		75
Henderson town		147
Hillsboro town		145
Marydel town		148
Preston town		109
Ridgely town		79
Templeville town (pt.)		151
Carroll County	9	
Hampstead town (pt.)		35
Manchester town		44
Mount Airy town (pt.)		24
New Windsor town		86
Sykesville town		51
Taneytown city		31
Union Bridge town		102
Westminster city		13
Cecil County	14	
Cecilton town		113
Charlestown town		93
Chesapeake City town		112
Elkton town		18
North East town		55
Perryville town		49
Port Deposit town		106
Rising Sun town		63

Population Ranking for Counties and Municipalities
(Based on July 1, 2019 Estimates)

Place	County Ranking	Municipal Rank
Charles County	10	
Indian Head town		53
La Plata town		23
Port Tobacco Village town		157
Dorchester County	21	
Brookview town		155
Cambridge city		21
Church Creek town		150
East New Market town		130
Eldorado town		156
Galestown town		149
Hurlock town		74
Secretary town		124
Vienna town		139
Frederick County	7	
Brunswick city		32
Burkittsville town		144
Emmitsburg town		60
Frederick city		2
Middletown town		45
Mount Airy town (pt.)		24
Myersville town		76
New Market town		108
Rosemont village		134
Thurmont town		30
Walkersville town		34
Woodsboro town		91
Garrett County	22	
Accident town		136
Deer Park town		131
Friendsville town		125
Grantsville town		104
Kitzmiller town		137
Loch Lynn Heights town		123
Mountain Lake Park town		70
Oakland town		77
Harford County	8	
Aberdeen city		17
Bel Air town		22
Havre de Grace city		19
Howard County	6	
Kent County	24	
Betterton town		135
Chestertown town		41
Galena town		120
Millington town (pt.)		118
Rock Hall town		89

Population Ranking for Counties and Municipalities
(Based on July 1, 2019 Estimates)

Place	County Ranking	Municipal Rank
Montgomery County	1	
Barnesville town		142
Brookeville town		146
Chevy Chase town		61
Chevy Chase Section Five village		110
Chevy Chase Section Three village		105
Chevy Chase View town		101
Chevy Chase Village town		71
Gaithersburg city		4
Garrett Park town		96
Glen Echo town		138
Kensington town		68
Laytonsville town		129
Martin's Additions village		100
North Chevy Chase village		119
Poolesville town		40
Rockville city		3
Somerset town		90
Takoma Park city		15
Washington Grove town		121
Prince George's County	2	
Berwyn Heights town		59
Bladensburg town		25
Bowie city		5
Brentwood town		57
Capitol Heights town		47
Cheverly town		33
College Park city		9
Colmar Manor town		85
Cottage City town		87
District Heights city		38
Eagle Harbor town		153
Edmonston town		83
Fairmount Heights town		82
Forest Heights town		66
Glenarden city		36
Greenbelt city		11
Hyattsville city		14
Landover Hills town		80
Laurel city		10
Morningside town		88
Mount Rainier city		27
New Carrollton city		20
North Brentwood town		122
Riverdale Park town		28
Seat Pleasant city		46
University Park town		65
Upper Marlboro town		113

Population Ranking for Counties and Municipalities
(Based on July 1, 2019 Estimates)

Place	County Ranking	Municipal Rank
Queen Anne's County	18	
Barclay town		143
Centreville town		42
Church Hill town		107
Millington town (pt.)		118
Queen Anne town (pt.)		141
Queenstown town		111
Sudlersville town		126
Templeville town (pt.)		151
St. Mary's County	12	
Leonardtown town		52
Somerset County	23	
Crisfield city		66
Princess Anne town		56
Talbot County	19	
Easton town		16
Oxford town		117
Queen Anne town (pt.)		141
St. Michaels town		97
Trappe town		99
Washington County	11	
Boonsboro town		54
Clear Spring town		132
Funkstown town		103
Hagerstown city		6
Hancock town		81
Keedysville town		92
Sharpsburg town		116
Smithsburg town		62
Williamsport town		69
Wicomico County	13	
Delmar town		58
Fruitland city		39
Hebron town		95
Mardela Springs town		133
Pittsville town		84
Salisbury city		8
Sharptown town		115
Willards town		98
Worcester County	17	
Berlin town		43
Ocean City town		29
Pocomoke City city		50
Snow Hill town		72