

OFFICIAL STATEMENT DATED MARCH 7, 2023

New Issues – Book-Entry Only

In the opinion of Bond Counsel, (i) under existing statutes, regulations and decisions the Bonds, their transfer, the interest payable on them, and any income derived from the, including any profit realized in their sale or exchange, shall be exempt from taxation of any kind by the State of Maryland, any of its political subdivision, or any other public entity; no opinion is expressed as to estate or inheritance taxes, or any other taxes not levied or assessed directly on the Bonds or the interest thereon; and (ii) assuming compliance with certain covenants described herein, under existing statutes, regulations and decisions, interest on the Bonds will be excludable from gross income for federal income tax purposes. Under existing law, interest on the Bonds for federal income tax purposes is not includable in alternative minimum taxable income of individuals as an enumerated item of tax preference or other specific adjustment; however, for taxable years beginning after December 31, 2022, interest on the Bonds will be part of adjusted financial statement income in computing the alternative minimum tax on applicable corporations. Additionally, interest on the Bonds will be subject to the branch profits tax imposed on certain foreign corporations engaged in a trade or business in the United States of America. See “Tax Matters.”

\$89,705,000 General Obligation Bonds



RATINGS: (See the section “RATINGS”)
Fitch Ratings.....AAA
Moody’s Investors Service.....Aaa
S&P Global Ratings..... AAA

\$73,320,000 Consolidated Public Improvement Project Bonds, 2023 Series A
\$16,385,000 Metropolitan District Project Bonds, 2023 Series B

Dated: Date of Delivery **Due:** August 15, as shown herein

Payable: Interest on and principal of the Bonds will be paid by the County to The Depository Trust Company (“DTC”), New York, New York, as securities depository. Disbursement of such payments will be made by DTC to its Participants which in turn will provide for payment to the Beneficial Owners of the Bonds, all as described herein. Beneficial Owners will not receive certificates evidencing their interests in Bonds purchased.

Redemption: The Bonds maturing on and after August 15, 2033 are subject to optional redemption on or any time after August 15, 2032 as set forth herein.

Purpose: Proceeds of the Bonds are being used to (1) pay or reimburse the County for the cost of certain Public Improvements, (2) repay all or a portion of the County’s outstanding general obligation bond anticipation notes, and (3) pay costs of issuance related to the Bonds.

Security: The Bonds are general obligations of the County, and its full faith and credit and unlimited taxing power are irrevocably pledged to the punctual payment of principal of and interest on the Bonds when due.

Denomination: Integral multiples of \$5,000

Interest Payable: February 15 and August 15

First Interest Payment Due: August 15, 2023

FOR MATURITY SCHEDULES SEE INSIDE COVER

This cover page contains information for quick reference only. It is not a summary of the Bonds. Investors must read the entire Official Statement to obtain information essential to making an informed investment decision.

The Bonds are offered for delivery when, as and if issued, subject to the approving opinions of McKennon Shelton & Henn LLP, Baltimore, Maryland, Bond Counsel, and certain other conditions. Davenport & Company, Towson, Maryland, served as financial advisor to the County in connection with the issuance of the Bonds. The Bonds in definitive form will be available for delivery through the facilities of DTC on or about March 21, 2023.

Maturity Schedules

\$73,320,000 Consolidated Public Improvement Project Bonds, 2023 Series A

Due Aug. 15	Principal Amount	CUSIP**	Interest Rate	Yield	Due Aug. 15	Principal Amount	CUSIP**	Interest Rate	Yield
2023	\$ 2,530,000	44256PN66	5.000 %	3.000 %	2033	\$ 3,625,000	44256PP80	5.000 %	2.660 % *
2024	2,310,000	44256PN74	5.000	2.970	2034	3,810,000	44256PP98	5.000	2.760 *
2025	2,430,000	44256PN82	5.000	2.980	2035	4,005,000	44256PQ22	5.000	2.890 *
2026	2,550,000	44256PN90	5.000	2.800	2036	4,210,000	44256PQ30	5.000	3.070 *
2027	2,685,000	44256PP23	5.000	2.710	2037	4,425,000	44256PQ48	5.000	3.220 *
2028	2,820,000	44256PP31	5.000	2.670	2038	4,630,000	44256PQ55	4.000	3.780 *
2029	2,965,000	44256PP49	5.000	2.620	2039	4,815,000	44256PQ63	4.000	3.870 *
2030	3,120,000	44256PP56	5.000	2.590	2040	5,015,000	44256PQ71	4.000	3.960 *
2031	3,280,000	44256PP64	5.000	2.610	2041	5,220,000	44256PQ89	4.000	4.000
2032	3,445,000	44256PP72	5.000	2.620	2042	5,430,000	44256PQ97	4.000	4.020

\$16,385,000 Metropolitan District Project Bonds, 2023 Series B

Due Aug. 15	Principal Amount	CUSIP**	Interest Rate	Yield	Due Aug. 15	Principal Amount	CUSIP**	Interest Rate	Yield
2023	\$ 325,000	44256PR21	5.000 %	2.950 %	2034	\$ 440,000	44256PS53	5.000 %	2.760 % *
2024	265,000	44256PR39	5.000	2.950	2035	465,000	44256PS61	5.000	2.890 *
2025	280,000	44256PR47	5.000	2.950	2036	485,000	44256PS79	5.000	3.070 *
2026	295,000	44256PR54	5.000	2.780	2037	510,000	44256PS87	5.000	3.220 *
2027	310,000	44256PR62	5.000	2.690	2038	535,000	44256PS95	4.000	3.780 *
2028	325,000	44256PR70	5.000	2.640	2039	555,000	44256PT29	4.000	3.860 *
2029	345,000	44256PR88	5.000	2.580	2040	580,000	44256PT37	4.000	3.910 *
2030	360,000	44256PR96	5.000	2.560	2041	605,000	44256PT45	4.000	3.950 *
2031	380,000	44256PS20	5.000	2.580	2042	630,000	44256PT52	4.000	4.000
2032	400,000	44256PS38	5.000	2.600	2043	655,000	44256PT60	4.000	4.020
2033	420,000	44256PS46	5.000	2.640 *					
\$2,890,000 Term Bond due August 15, 2047; CUSIP** 44256PU27; Interest Rate: 4.000%; Yield: 4.110%									
\$4,330,000 Term Bond due August 15, 2052; CUSIP** 44256PU76; Interest Rate: 4.000%; Yield: 4.180%									

* Yield to August 15, 2032, the first optional call date.

** CUSIP numbers are copyrighted by the American Bankers Association. CUSIP data is provided by CUSIP Global Services. The CUSIP data listed above are being provided solely for the convenience of Bondholders only at the time of issuance of the Bonds and the County makes no representation with respect to such CUSIP data nor undertakes any responsibility for its accuracy now or at any time in the future. The CUSIP numbers are subject to being changed after the issuance of the Bonds as a result of various subsequent actions including, but not limited to, a refunding in whole or in part of the Bonds. This information is not intended to create a database and does not serve in any way as a substitute for the CUSIP Global Services database.

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Calvin Ball

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Deb Jung, *Vice Chairperson*
Opel Jones, *Council Member*
Liz Walsh, *Council Member*
David Yungmann, *Council Member*

Certain Appointed Officials

Rafiu O. Ighile, *Director of Finance*
Gary Kuc, *County Solicitor*
Brandee Ganz, *Chief Administrative Officer*
Michelle Harrod, *Administrator to the County Council*
Dr. Holly Sun, *Budget Administrator*

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No dealer, broker, salesman or other person has been authorized by the County to give any information or to make any representations with respect to the County or the Bonds, other than those contained in this Official Statement. If given or made, such other information or representations must not be relied upon as having been authorized by any of the foregoing. This Official Statement does not constitute an offer to sell or the solicitation of any offer to buy, nor shall there be any sale of, the Bonds described herein by any person in any jurisdiction in which it is unlawful for such person to make such offer, solicitation or sale.

All quotations from and summaries and explanations of provisions of laws and documents herein do not purport to be complete and reference is made to such laws and documents for full and complete statements of their provisions. The County believes that the information contained in this Official Statement is complete and accurate and that information obtained from other sources is reliable. However, the County does not guarantee the accuracy or completeness of information obtained from other sources and such information should not be considered to be a representation of the County. Any statements made in this Official Statement involving estimates or matters of opinion, whether or not expressly so stated, are intended merely as estimates or opinion and not as representations of fact. The information and expressions of opinion contained herein are subject to change without notice. Neither the delivery of this Official Statement nor any sale of the Bonds shall under any circumstances create any implication that there has been no change in the affairs of the County since the respective dates as of which such information is given herein. This Official Statement is not to be construed as a contract or agreement between the County and the purchasers or holders of any of the Bonds. Furthermore, this Official Statement does not contain any investment advice for purchasers or holders of any of the Bonds. Such persons should consult their own financial advisors regarding possible financial consequences of ownership of the Bonds.

The cover page hereof, the list of officials, this page and the appendices attached hereto are part of this Official Statement. The order and placement of materials in this Official Statement, including the appendices, are not to be deemed a determination of relevance, materiality or importance, and this Official Statement, including the appendices, must be considered in its entirety. The captions and headings in this Official Statement are for convenience only and in no way define, limit or describe the scope or intent, or affect the meaning or construction, of any provisions or sections of this Official Statement. The offering of the Bonds is made only by means of this entire Official Statement.

In connection with the offering of the Bonds, the Underwriters may over-allot or effect transactions that stabilize or maintain the market price of the Bonds at levels above that which might otherwise prevail in the open market. Such stabilizing, if commenced, may be discontinued at any time.

The Underwriters have reviewed the information in this Official Statement in accordance with and as part of their responsibility to investors under federal securities laws as applied to the facts and circumstances of this transaction, but the Underwriters do not guarantee the accuracy or completeness of such information.

CUSIP is a registered trademark of the American Bankers Association. CUSIP data herein are provided by CUSIP Global Services, which is managed on behalf of the American Bankers Association by S&P Global Market Intelligence, and the County takes no responsibility for the accuracy thereof. These data are not intended to create a database and do not serve in any way as a substitute for CUSIP Global Services.

No registration statement relating to the Bonds has been filed with the United States Securities and Exchange Commission (the "SEC") or with any state security agency. The Bonds have not been approved or disapproved by the SEC or any state securities agency nor has the SEC or any state securities agency passed upon the accuracy or adequacy of this Official Statement. Any representation to the contrary may be a criminal offense.



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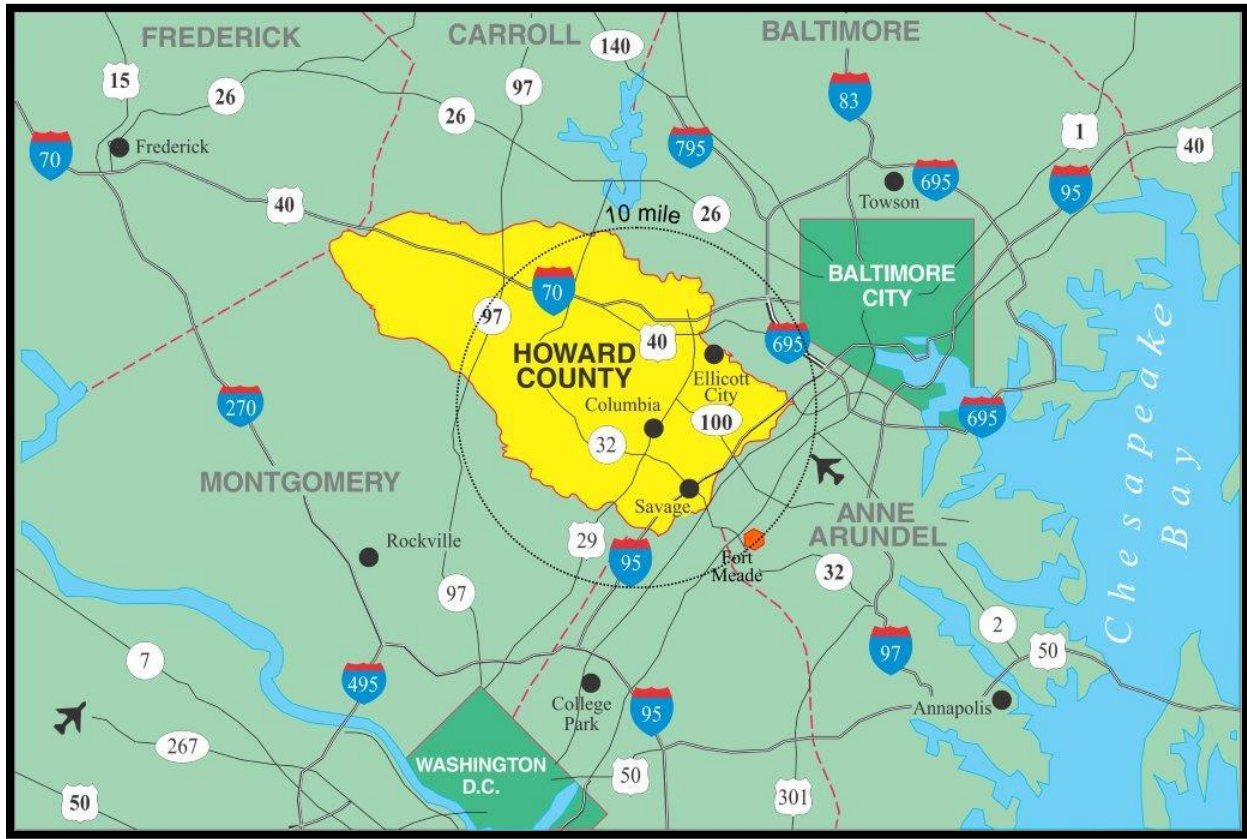
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Continuing Disclosure Agreement	B-1
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Howard County Regional Location



The Bonds

Purpose of Official Statement

This Official Statement provides information regarding Howard County, Maryland (the “County”) and the offering of its \$89,705,000 general obligation bonds (the “Bonds”). The Bonds consist of the following:

- \$73,320,000 Consolidated Public Improvement Project Bonds, 2023 Series A (the “Public Improvement Bonds”);
- \$16,385,000 Metropolitan District Project Bonds, 2023 Series B (the “Metropolitan District Bonds”)

The County

Howard County is 251 square miles in area and is home to approximately 334,529 residents. The County is located in the State of Maryland (the “State”) between Baltimore, Maryland and Washington, D.C., and at its closest point is less than four miles from the former and 13 miles from the latter. The County was formed in 1851 and bears the name of Colonel John Eager Howard, the fifth Governor of Maryland. The County was predominately agricultural until 1966, when construction began on the master-planned community of Columbia. The County’s population has grown an average of 1.67% annually since 2000, and is the fourth wealthiest in the nation. Under a home rule charter since 1968, the County is governed by an elected county executive (the “County Executive”) and five-member council (the “Council”).

Authorization

The Public Improvement Bonds are being issued pursuant to the authority of Section 10-203 of the Local Government Article of the Annotated Code of Maryland (2013 Replacement Volume and 2022 Supplement) (“Section 10-203”), Section 19-101 of the Local Government Article of the Annotated Code of Maryland (2013 Replacement Volume and 2022 Supplement), the Howard County Charter (the “Charter”), certain bond enabling bills of County Council of Howard County, Maryland (the “Council”), and in accordance with Council Bill No. 65-2022 enacted during the 2022 Legislative Session (the “Bond Ordinance”).

The Metropolitan District Bonds are being issued pursuant to the authority of Section 10-203, the Charter, Chapter 991 of the Acts of the General Assembly of Maryland 1943, as amended, Chapter 609 of the Acts of the General Assembly of Maryland of 1945, as amended, Chapter 369 of the Acts of the General Assembly of Maryland of 1963, as amended and Chapter 356 of the Acts of the General Assembly of Maryland of 1965, as amended (collectively, the “Acts”), certain bond enabling bills of the Council, and in accordance with the Bond Ordinance.

Description

The Bonds are dated and bear interest from their date of delivery (the “Closing Date”), and pay interest on February 15 and August 15 of each year, beginning August 15, 2023, at the interest rates set forth on the inside cover page of this Official Statement. Interest is calculated on the basis of a 360-day year consisting of twelve 30-day months. The Bonds are issued as fully-registered bonds without coupons, book-entry form only, and are denominated in integral multiples of \$5,000. The Bonds mature, subject to prior redemption as described herein, on the dates and in the amounts set forth on the inside cover page of this Official Statement.

Registration, Payment and Transfer

Registration through Securities Depository

The information contained in the following paragraphs of this subsection “Book-Entry Only System” has been extracted from a schedule prepared by The Depository Trust Company (“DTC”) entitled “SAMPLE OFFERING DOCUMENT LANGUAGE DESCRIBING BOOK-ENTRY ONLY ISSUANCE.” The County makes no representation as to the completeness or the accuracy of such information or as to the absence of material adverse changes in such information subsequent to the date hereof.

DTC will act as securities depository for the Bonds. The Bonds will be issued as fully-registered securities registered in the name of Cede & Co. (DTC’s partnership nominee) or such other name as may be requested by an authorized representative of DTC. One fully-registered Bond will be issued for each maturity of the Bonds in principal amount equal to the aggregate principal amount of the Bonds of such maturity, and will be deposited with DTC.

DTC, the world’s largest securities depository, is a limited-purpose trust company organized under the New York Banking Law, a “banking organization” within the meaning of the New York Banking Law, a member of the Federal Reserve System, a “clearing corporation” within the meaning of the New York Uniform Commercial Code, and a “clearing agency” registered pursuant to the provisions of Section 17A of the Securities Exchange Act of 1934. DTC holds and provides asset servicing for over 3.5 million issues of U.S. and non-U.S. equity issues, corporate and municipal debt issues, and money market instruments (from over 100 countries) that DTC’s participants (“Direct Participants”) deposit with DTC. DTC also facilitates the post-trade settlement among Direct Participants of sales and other securities transactions in deposited securities, through electronic computerized book-entry transfers and pledges between Direct Participants’ accounts. This eliminates the need for physical movement of securities certificates. Direct Participants include both U.S. and non-U.S. securities brokers and dealers, banks, trust companies, clearing corporations, and certain other organizations. DTC is a wholly-owned subsidiary of The Depository Trust & Clearing Corporation (“DTCC”). DTCC is the holding company for DTC, National Securities Clearing Corporation and Fixed Income Clearing Corporation, all of which are registered clearing agencies. DTCC is owned by the users of its regulated subsidiaries. Access to the DTC system is also available to others such as both U.S. and non-U.S. securities brokers and dealers, banks, trust companies, and clearing corporations that clear through or maintain a custodial relationship with a Direct Participant, either directly or indirectly (“Indirect Participants”). The DTC Rules applicable to its Participants are on file with the Securities and Exchange Commission. More information about DTC can be found at www.dtcc.com.

Purchases of Bonds under the DTC system must be made by or through Direct Participants, which will receive a credit for the Bonds on DTC’s records. The ownership interest of each actual purchaser of each Bond (“Beneficial Owner”) is in turn to be recorded on the Direct and Indirect Participants’ records. Beneficial Owners will not receive written confirmation from DTC of their purchase. Beneficial Owners are, however, expected to receive written confirmations providing details of the transaction, as well as periodic statements of their holdings, from the Direct or Indirect Participant through which the Beneficial Owner entered into the transaction. Transfers of ownership interests in the Bonds are to be accomplished by entries made on the books of Direct and Indirect Participants acting on behalf of Beneficial Owners. Beneficial Owners will not receive certificates representing their ownership interests in the Bonds, except in the event that use of the book-entry system for the Bonds is discontinued.

To facilitate subsequent transfers, all Bonds deposited by Direct Participants with DTC are registered in the name of DTC’s partnership nominee, Cede & Co., or such other name as may be requested by an authorized representative of DTC. The deposit of Bonds with DTC and their registration in the name of Cede & Co. or such other DTC nominee do not affect any change in beneficial ownership. DTC has no knowledge of the actual Beneficial Owners of the Bonds; DTC’s records reflect only the identity of the Direct Participants to whose accounts such Bonds are credited, which may or may not be the Beneficial Owners. The Direct and Indirect Participants will remain responsible for keeping account of their holdings on behalf of their customers.

Conveyance of notices and other communications by DTC to Direct Participants, by Direct Participants to Indirect Participants, and by Direct Participants and Indirect Participants to Beneficial Owners will be governed by arrangements among them, subject to any statutory or regulatory requirements as may be in effect from time to time.

Redemption notices shall be sent to DTC. If less than all of the Bonds within an issue are being redeemed, DTC’s practice is to determine by lot the amount of the interest of each Direct Participant in such issue to be redeemed.

Neither DTC nor Cede & Co. (nor any other DTC nominee) will consent or vote with respect to the Bonds unless authorized by a Direct Participant in accordance with DTC's MMI Procedures. Under its usual procedures, DTC mails an Omnibus Proxy to the County as soon as possible after the record date. The Omnibus Proxy assigns Cede & Co.'s consenting or voting rights to those Direct Participants to whose accounts Bonds are credited on the record date (identified in a listing attached to the Omnibus Proxy).

Principal and interest payments and any premium on the Bonds will be made to Cede & Co., or such other nominee as may be requested by an authorized representative of DTC. DTC's practice is to credit Direct Participants' accounts upon DTC's receipt of funds and corresponding detail information from the County or the Paying Agent, on payable date in accordance with their respective holdings shown on DTC's records. Payments by Direct and Indirect Participants to Beneficial Owners will be governed by standing instructions and customary practices, as is the case with securities held for the accounts of customers in bearer form or registered in "street name," and will be the responsibility of such Direct or Indirect Participant and not of DTC, DTC's nominee, the Paying Agent or the County, subject to any statutory or regulatory requirements as may be in effect from time to time. Payment of principal and interest or premium to Cede & Co. (or such other nominee as may be requested by an authorized representative of DTC) is the responsibility of the County or its Paying Agent, disbursement of such payments to Direct Participants shall be the responsibility of DTC, and disbursement of such payments to the Beneficial Owners shall be the responsibility of Direct and Indirect Participants.

THE COUNTY CANNOT AND DOES NOT GIVE ANY ASSURANCES THAT DTC, DIRECT PARTICIPANTS OR INDIRECT PARTICIPANTS OF DTC WILL DISTRIBUTE TO BENEFICIAL OWNERS OF THE BONDS (1) PAYMENTS OF PRINCIPAL OF OR INTEREST OR REDEMPTION PREMIUM ON THE BONDS; (2) CONFIRMATIONS OF THEIR OWNERSHIP INTERESTS IN THE BONDS; OR (3) OTHER NOTICES SENT TO DTC OR CEDE & CO., ITS PARTNERSHIP NOMINEE, AS THE REGISTERED OWNER OF THE BONDS OR THAT THEY WILL DO SO ON A TIMELY BASIS, OR THAT DTC, DIRECT PARTICIPANTS OR INDIRECT PARTICIPANTS WILL SERVE AND ACT IN THE MANNER DESCRIBED IN THIS OFFICIAL STATEMENT OR ANY RULES AND PROCEDURES OF DTC.

Neither the County nor its agents will have any responsibility or obligation to Direct or Indirect Participants or to any Beneficial Owner with respect to 1) the accuracy of any records maintained by DTC or any Direct or Indirect Participant; 2) the payment by DTC or any Direct or Indirect Participant of any amount with respect to the principal of, premium, if any, or interest on the bonds; 3) any notice which is permitted or required to be given to Beneficial Owners; 4) any consent given by DTC or other action taken by DTC as bondholder; or 5) the selection by DTC or any Direct or Indirect Participant of any Beneficial Owner to receive payment in the event of a partial redemption of Bonds.

Termination of Book-Entry System

DTC may discontinue providing its services with respect to the Bonds at any time by giving reasonable notice to the County or the Director of Finance of the County (the "Director of Finance"), or his or her successor as registrar for the Bonds (the "Bond Registrar"). In addition, the County Executive may discontinue the book-entry system with DTC. If the County Executive fails to identify another qualified securities depository to replace DTC, the County will deliver replacement Bonds in the form of fully registered certificates, and payments of principal of and interest on such replacement Bonds will be paid in accordance with the terms of the Bond Ordinance. Each Beneficial Owner, upon registration of certificates held in such Beneficial Owner's name, will become a Bondholder. Subject to the further conditions contained in the Bond Ordinance, the Bonds may be transferred or exchanged for one or more Bonds in different authorized denominations upon surrender thereof by the registered owners or their duly authorized representatives. For every transfer and exchange of the Bonds, the registered owner may be charged a sum sufficient to cover any tax or other governmental charge required to be paid in connection with such exchange or transfer.

Record Dates

The record dates for the Bonds will be the fifteenth day preceding each interest payment date for the Bonds and the fifteenth day preceding the date of publication of any notice of redemption.

Redemption

Mandatory Sinking Fund Redemption

The Metropolitan District Bonds maturing on August 15, 2047 and 2052, are subject to mandatory sinking fund redemption by the County at a redemption price equal to 100% of the principal amount thereof, together with interest accrued to the date fixed for redemption from sinking fund installments becoming due on August 15 of the following years and in the following amounts:

Bonds Mandatory Sinking Fund Redemption

Term Bonds due August 15, 2047			
<u>Year</u>	<u>Sinking Fund Installment</u>	<u>Year</u>	<u>Sinking Fund Installment</u>
2044	\$ 680,000	2046	\$ 735,000
2045	710,000	2047 *	765,000
*Final Maturity			

Term Bonds due August 15, 2052			
<u>Year</u>	<u>Sinking Fund Installment</u>	<u>Year</u>	<u>Sinking Fund Installment</u>
2048	\$ 800,000	2051	\$ 900,000
2049	830,000	2052 *	935,000
2050	865,000		
*Final Maturity			

Optional Redemption

Bonds maturing on or before August 15, 2032 are not redeemable prior to their stated maturities. Bonds maturing on and after August 15, 2033 are subject to redemption prior to their respective maturities, at the option of the County, on or at any time after August 15, 2032, in whole or in part, at a redemption price of 100% of the principal amount thereof, together with interest accrued to the redemption date.

If less than all of the outstanding Bonds of any series are called for optional redemption, the County will choose the maturities to be redeemed and the principal amount of each such maturity to be redeemed, in its sole discretion. If less than all of such Bonds of any one maturity are called for redemption, then the particular Bonds of such maturity or portions of such Bonds to be redeemed will be chosen by DTC in accordance with its normal and customary procedures (so long as the Bonds are in book-entry form), or by the Bond Registrar, by lot (if the book-entry system has been discontinued). For an optional redemption of term Bonds, the County will choose the mandatory sinking fund redemption installments of such term Bonds to be reduced and the amount of each such reduction, in its sole discretion. The Bonds are redeemable only in integral multiples of \$5,000.

Notice of Redemption

A notice calling for redemption of any Bonds will be delivered to DTC not less than 20 days prior to the date fixed for redemption (the "Redemption Date"), and otherwise as provided in the Bond Ordinance. If the book-entry system has been discontinued for the Bonds, a notice calling for redemption of any Bonds will be mailed, not less than 20 days prior to the Redemption Date, to all registered owners of the Bonds to be redeemed (in whole or in part), at their last addresses appearing on the registration books kept by the Bond Registrar, by first-class mail, postage prepaid. Failure to mail or deliver any such notice or any defect in the notice or its mailing or delivery will not affect the validity of any redemption proceedings. Any redemption notice will specify the series, CUSIP numbers, maturities and interest rates of any Bonds to be redeemed, the date of the notice, the Redemption Date, the redemption price, the name, address and telephone number of the Bond Registrar, and, for a partial redemption, the principal amount of each maturity of the Bonds to be redeemed. Such notice will further state that, on the Redemption Date, the Bonds called for redemption will be due and become payable, if sufficient funds are available, at the office of the Bond Registrar, and that, from and after the Redemption Date, interest thereon shall cease to accrue.

On the Redemption Date, if sufficient money to pay the redemption price of Bonds called for redemption and accrued interest on the Bonds are held by the Bond Registrar, such Bonds called for redemption will become due and payable,

interest on such Bonds will cease to accrue and the registered owners of such Bonds will have no rights in respect thereof except to receive payment of the redemption price thereof, plus accrued interest thereon to the Redemption Date.

Security and Sources of Payment

General Obligation

The Bonds are general obligations of the County, and the County's full faith and credit and unlimited taxing power are irrevocably pledged to the punctual payment of principal and interest on such Bonds when due and payable.

Public Improvement Bonds

In each and every fiscal year during which any of the Public Improvement Bonds are outstanding, the County will levy or cause to be levied ad valorem taxes on real and tangible personal property and on intangible property subject to taxation by the County in an amount sufficient, together with other available funds, to pay the annual interest on the outstanding Public Improvement Bonds and to pay the principal of the Public Improvement Bonds due and payable during the succeeding fiscal year. Without limiting the foregoing, portions of the Public Improvement Bonds are expected to be paid from transfer tax and fire tax revenues, school facilities surcharges, building excise taxes on new construction, broadband fees and environmental service charges.

Metropolitan District Bonds

The principal of and the interest on the Metropolitan District Bonds are payable from revenues obtained from: (1) special front foot benefit assessments collected by the County on all property in the Metropolitan District (described in more detail under "Government and Infrastructure, Water and Sewer System" herein) directly benefited by water and sewer facilities, (2) special annual ad valorem taxes levied by the County upon assessable property within the Metropolitan District, (3) water and sewer service charges for the use of utilities and charges for the upkeep of water and sewer systems that have a connection with water mains or sewers and (4) water and sewer connection charges. However, in the event such revenues in any fiscal year are insufficient to pay the annual interest on the outstanding Metropolitan District Bonds and to pay the principal of the Metropolitan District Bonds due and payable, the County will levy ad valorem taxes on real and tangible personal property and on intangible property subject to taxation by the County in an amount sufficient, together with other available funds, to pay such annual interest and to pay the principal of such Metropolitan District Bonds. The County has never had to levy ad valorem taxes to pay the interest or principal due on any other Metropolitan District bonds.

Purpose of Financing

Public Improvement Bonds

The County is issuing the Public Improvement Bonds to repay all or a portion of the County's outstanding Master General Obligation Bond Anticipation Note, Series 2020A (Tax-Exempt), to pay or reimburse the County for the cost of Public Improvement projects and to pay costs of issuance of the Public Improvement Bonds.

Metropolitan District Bonds

The County is issuing the Metropolitan District Bonds to repay all or a portion of the County's outstanding Master General Obligation Bond Anticipation Note, Series 2020A (Tax-Exempt), to reimburse the County for the cost of Water and Sewer projects and to pay costs of issuance of the Metropolitan District Bonds.

Sources and Uses

The following table identifies the sources and uses of funds in this financing.

Sources	CPI 2023	Metro 2023	Total
	Series A	Series B	
Par Amount.....	\$73,320,000	\$16,385,000	\$89,705,000
Premium.....	6,659,315	600,682	7,259,996
Total	\$79,979,315	\$16,985,682	\$96,964,996
Uses			
Project Fund Deposit.....	\$79,600,000	\$16,800,000	\$96,400,000
Issuance Costs ⁽¹⁾	376,804	183,782	560,585
Other Uses of Funds.....	2,511	1,900	4,411
Total	\$79,979,315	\$16,985,682	\$96,964,996

(1) Issuance costs include Rating Agency Fees, Underwriters' Discount and Expenses, Financial Advisor Fees, Bond Counsel Fees, and other costs of issuance. Table may not add due to rounding.

COVID-19 Pandemic

The COVID-19 pandemic (the "Pandemic") did not have a material adverse impact on the County's revenues or operations. The ongoing Pandemic may cause economic and health challenges that cannot be anticipated at this time. The County will continue to act proactively to manage its affairs through these uncertain times.

Continuing Disclosure

In order to enable the Underwriters to comply with the requirements of paragraph (b)(5) of Securities and Exchange Commission Rule 15c2-12 ("Rule 15c2-12"), the County will execute and deliver, on or before the date of issuance and delivery of the Bonds, a Continuing Disclosure Agreement (the "Continuing Disclosure Agreement"). The form of this agreement is included in Appendix B of this Official Statement. Certain of the events listed in Section 4(a) of the Continuing Disclosure Agreement have been included for purposes of compliance with Rule 15c2-12 but are not relevant for the Bonds. Those events relate to debt service reserves, credit enhancements and liquidity providers, and property or other collateral. Except as otherwise disclosed herein, during the last five years, the County has not failed to comply in any material respect with the terms and provisions of previous continuing disclosure agreements entered into in order to comply with the requirements of Rule 15c2-12. Although the County has timely filed complete information required by its continuing disclosure undertakings, in certain instances, the County may not have associated all filings with all outstanding issues for which such filings may have been required. The County has subsequently filed such items.

Additional Information

This Official Statement speaks only as of the date appearing on the cover page, and the information contained herein is subject to change. Questions regarding this Official Statement should be directed to the Director of Finance at the address and telephone number listed on the inside of the cover page. The full text of the Bond Ordinance, the County's latest comprehensive annual financial report and budget are available from the Director of Finance for the cost of reproducing such material or at www.howardcountymd.gov or on the MSRB's EMMA website.

Financial Information

Financial Reporting

Basis of Accounting

The County's audited basic financial statements for the fiscal year ended June 30, 2022 can be found at <https://www.howardcountymd.gov/finance/finance-audits>. These statements were audited by CliftonLarsonAllen LLP, independent certified public accountants, and have been included in reliance upon the qualification of the firm to issue the report. The accounting and financial reporting policies of the County conform to generally accepted accounting principles ("GAAP") as applicable to governmental units.

The County's accounts are organized on the basis of funds. Fund types include (1) the General Fund, which is the general operating fund of the County, (2) Special Revenue Funds, which account for specific revenues that by law are designated for particular activities, (3) Proprietary Funds, which include the enterprise funds that account for the County's water and sewer, broadband, storm water and golf course operations, (4) Capital Projects Funds, which account for construction or acquisition of fixed assets, (5) Debt Service Funds, which account for the accumulation of resources which have been restricted, committed or assigned, (6) Internal Service Funds used to account for goods and services furnished by one County department to another, and (7) Trust and Agency Funds used to account for resources held in a custodial capacity.

The financial data for the Board of Education of Howard County (the "Board of Education"), the Howard County Library System (the "Library"), Howard Community College (the "Community College") and the Howard County Housing Commission (the "Housing Commission," and collectively, the "Component Units") are discretely presented in the government-wide statements to emphasize their legal separation from the County. However, the County is responsible for levying taxes and has budgetary control over the Component Units.

The County's annual comprehensive financial report ("ACFR") for the fiscal year ended June 30, 2021 was awarded the Certificate of Achievement for Excellence in Financial Reporting by the Government Finance Officers Association of the United States and Canada ("GFOA"). To receive this highest recognition from GFOA, a government unit's ACFR must be easily readable, efficiently organized and satisfy both GAAP and legal requirements. The County has received this certificate for each fiscal year since 1976 and submitted its ACFR for the fiscal year ended June 30, 2022 to GFOA for another certificate.

Budget

The County's budget includes an operating and a capital budget. The operating budget is derived from programs detailing the nature, volume and cost of work to be performed by each of the County's agencies. This element of the budget includes revenues estimated to be received and expenditures authorized for the ensuing fiscal year, surpluses or deficits estimated for the current fiscal year. The operating and capital budgets also project summaries of revenues and expenditures for the ensuing five fiscal years.

The capital budget describes each capital project proposed in the ensuing fiscal year and receipts anticipated from all borrowings and other sources for such projects. The capital budget also proposes capital projects to be undertaken in the ensuing five fiscal years and the means of financing such projects. (See "Capital Requirements and Debt Management, Capital Budget and Program" herein.)

The County's budget for the fiscal year ended June 30, 2022 was awarded the Distinguished Budget Presentation Award by GFOA. To receive this award, a government unit must publish a budget document that meets program criteria as a policy document, operations guide, financial plan and communication device. The County has received this certificate for each fiscal year since 1992.

The County Executive must submit a capital budget and an operating budget to the Council by April 1 and April 21, respectively. The Council may decrease or delete any budgetary item, except those mandated by State law and provisions to pay outstanding debt service or eliminate cash deficits. The Council has no power to alter revenue estimates or increase any recommended expenditures, except as expressly provided in State law. After enacting the operating budget and adopting the capital budget, the Council must then levy taxes required to balance budget revenues and expenditures. If a new operating budget is not enacted by the Council before June 2 in any fiscal year, the operating budget proposed by the County Executive stands adopted and funds for expenditures stand appropriated.

No agency of the County may incur any liability in excess of the amounts appropriated for the same general classification of expenditure in the budget. Any such liability incurred, except for small purchases, must first have funds for the designated purpose certified as available by the Director of Finance. The Council, upon the request of the County Executive, may approve transfers between projects in the capital budget and supplemental operating budgets funded from the contingency reserve and from unappropriated funds in emergencies. After April 1 of each year, the Council, upon the request of the County Executive, may approve transfers between departments in the operating budget; the County Executive has authority to make operating budget transfers within a department at any time without approval of the Council.

Surplus revenues in any fiscal year must be appropriated into the budget stabilization account, also known as the Rainy Day Fund, until its balance equals seven percent of the audited General Fund expenditures for the prior fiscal year. Money in the fund may be used only for emergencies or to cover significant revenue shortfalls during a fiscal year that the County Executive determines cannot be offset by reducing expenditures. Surplus revenues not required for the Rainy Day Fund must be used to fund capital projects, reduce existing County debt or fund appropriations for non-recurring expenses, unless otherwise determined by a vote of two-thirds of the members of the Council.

To finance capital projects from borrowing, the Council adopts a bond issue authorization ordinance pursuant to enabling laws. Such ordinances are not subject to referendum, nor to executive veto. Any contract, lease or other obligation providing for payment of funds after the end of the fiscal year in which such obligation is made must be approved by ordinance. No contract for the purchase of real or leasehold property may be entered into unless funds therefor are included in the capital budget. No obligations of the County may be authorized in any fiscal year for any capital project not included in the capital budget.

Government-Wide Full Accrual Reporting

The positive total net position shown below as of June 30, 2022, reflects the County's commitment to maintaining infrastructure assets and its tradition of providing substantial pay-go funding for capital outlays.

Summary of Net Position			
	Governmental Activities	Business-type Activities	Total
NET POSITION			
Invested in capital assets, net of related debt	\$1,007,748,724	\$463,785,341	\$1,471,534,065
Restricted	289,172,801	18,476,829	307,649,630
Unrestricted	(739,435,506)	149,908,311	(589,527,195)
Total net position	\$557,486,019	\$632,170,481	\$1,189,656,500

It is important to note that although counties in the State of Maryland issue debt for the construction of schools, the school buildings are owned by each county's Public School System. The County also funds projects for Howard Community College and for intersection improvements to State-owned roads. As of June 30, 2022, the outstanding debt for public school buildings was \$399.1 million and \$113.9 million for community college buildings. The negative unrestricted net position for governmental activities reflects the imbalance of liabilities, without corresponding assets, as well as the governmental activities' net OPEB liability of \$507.3 million. Ownership of school buildings no longer needed for educational purposes reverts to the County. As of June 30, 2022, net value of buildings, improvements and construction in progress owned by the Board of Education was \$1.3 billion and \$275 million for those owned by the Community College.

The schedule below shows the value of net assets resulting from operations in fiscal year 2022 for governmental and business activities combined.

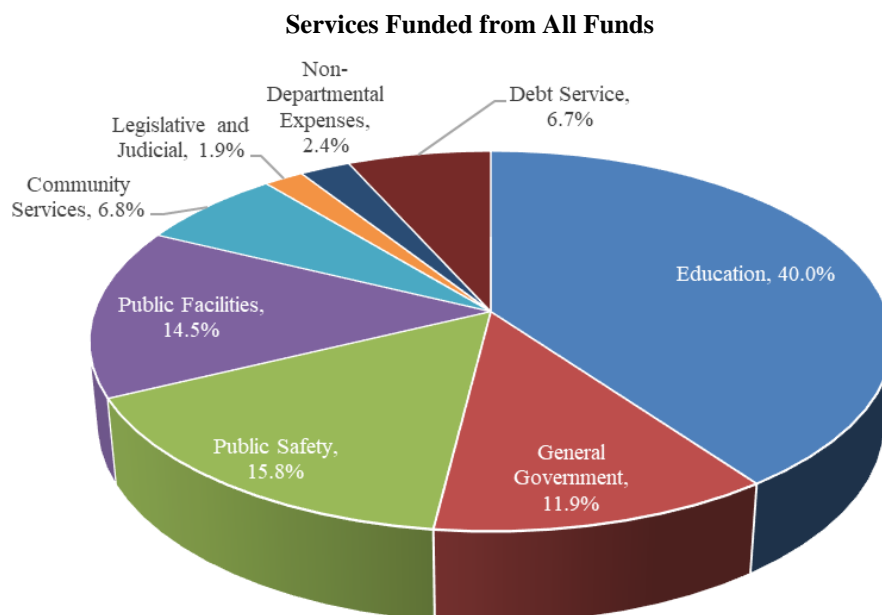
Changes in Net Position			
	Governmental Activities	Business-type Activities	Total
Revenues	\$1,781,402,518	\$130,800,408	\$1,912,202,926
Expenses	1,564,907,498	134,411,423	1,699,318,921
Increase in net position before transfers	216,495,020	(3,611,015)	212,884,005
Transfers	(7,010,382)	7,010,382	-
Increase in net position after transfers	209,484,638	3,399,367	212,884,005
Net Position - July 1, 2021	348,001,381	628,771,114	976,772,495
Net Position - June 30, 2022	\$557,486,019	\$632,170,481	\$1,189,656,500

Overview of Revenues and Expenditures

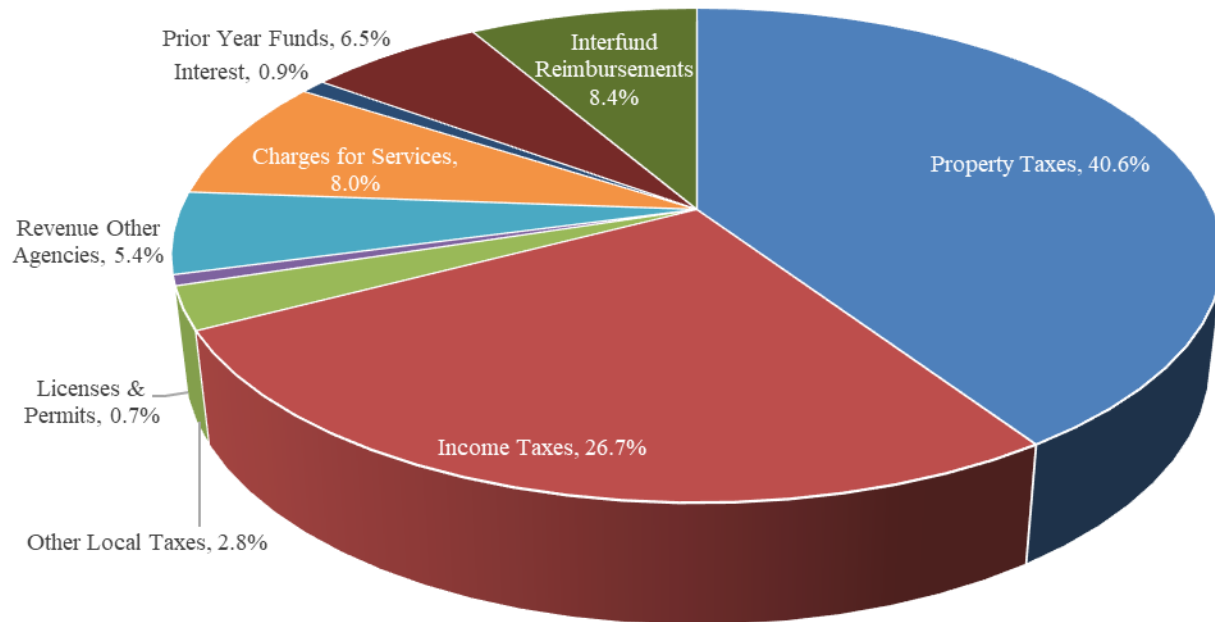
The largest fund in the County's basic financial statements, the General Fund, records receipt of taxes and other revenues not directed by law into other funds and payment of all operating costs of County government and services. Transfers from the General Fund and revenues from other government agencies (particularly the State) provide most of the revenues for the County's Board of Education, Library, Community College and Housing Commission, each of which is a Component Unit.

Special Revenue Funds account for specific revenues that by law are designated for particular functions or activities. The County uses Special Revenue Funds as a way of linking fees or taxes paid by residents with benefits or services received by them. Special Revenue Funds deal with management and construction of public housing, preservation of agricultural land, account for fire district activities, record categorical grants received from federal, State and local sources, support user-funded recreation and parks programs, account for speed enforcement programs, watershed protection and restoration projects, and provide for the collection and disposal of solid waste, including the County landfill.

The following charts present the composition of services funded from all Funds budgeted in fiscal year 2023, and the sources of funding for such services.

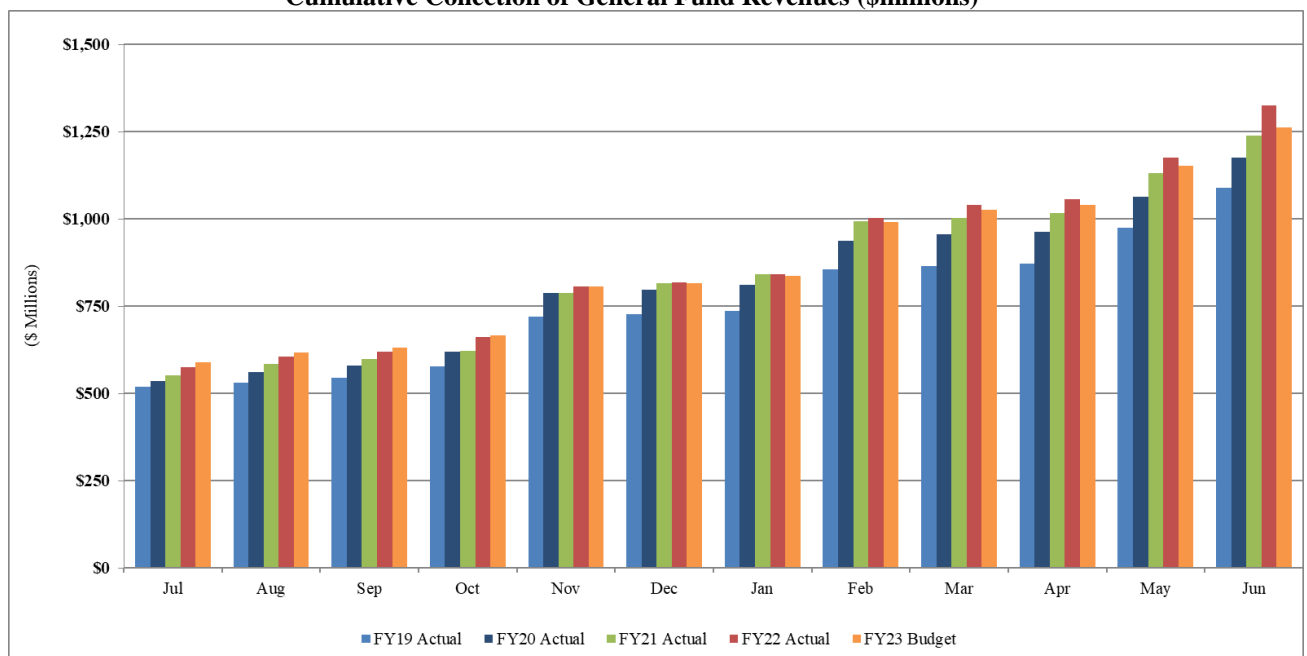


Sources of Revenue for All Funds



The revenues collected by the County each month are determined by the tax rates and fee levels established at the beginning of the fiscal year and the value of the bases during the year on which taxes and fees are collected. Property taxes are collected primarily during the County's first and second quarters; income taxes are received from the State following the end of each quarter. The chart below presents General Fund revenues received for the past four fiscal years and as budgeted for fiscal year 2023.

Cumulative Collection of General Fund Revenues (\$millions)



The following table presents the activity in the General Fund for fiscal years 2018 through 2022 on a budgetary basis, along with the annual budget adopted for fiscal year 2023.

Statement of General Fund Revenues and Expenditures (Budgetary Basis) (000) ⁽¹⁾

	Fiscal Year Ended June 30					Budget
	2018	2019	2020	2021	2022	2023
Tax Revenues						
Local property taxes	\$533,672	\$552,099	\$568,558	\$590,630	\$607,807	\$619,713
Local income taxes	444,453	462,445	521,861	577,099	603,890	540,870
Other local taxes	32,941	31,696	32,984	33,035	40,889	36,600
State shared taxes	1,596	1,673	2,747	3,731	3,879	3,874
Total Taxes	\$1,012,662	\$1,047,913	\$1,126,150	\$1,204,495	\$1,256,466	\$1,201,057
Other Revenues						
State grants	8,178	9,667	9,652	9,438	9,847	11,637
Charges for services	15,060	13,776	14,967	11,971	11,084	9,770
Interest on investments	3,487	7,262	5,475	726	(5,424)	1,785
Licenses and permits	6,874	6,663	5,917	6,295	6,583	8,195
Interfund reimbursements	47,228	50,439	57,030	60,795	54,358	55,550
Fines and forfeitures	3,129	3,018	2,834	2,297	3,141	2,990
Appropriation from fund balance	2,888	1,128	-	-	-	89,037
Return of funding from component units	2,095	1,546	1,017	496	463	-
Miscellaneous revenues	2,320	2,294	3,959	2,213	2,355	-
Total Revenues	\$1,103,920	\$1,143,706	\$1,227,000	\$1,298,727	\$1,338,875	\$1,380,021
Expenditures						
General government	27,201	28,080	28,401	35,735	30,862	33,496
Legislative and judicial	26,912	27,945	28,359	28,656	30,430	36,614
Public works	73,235	72,775	74,158	74,795	85,201	93,286
Public safety	133,557	135,696	139,966	136,887	143,992	158,238
Recreation and parks	24,227	24,547	24,454	23,175	25,334	27,055
Health	10,775	11,931	11,305	9,996	11,757	12,209
Community services	34,508	36,026	37,206	37,090	25,526	42,590
Education	606,837	635,040	643,043	656,860	671,101	784,880
Libraries	20,309	20,938	21,451	21,880	29,659	27,581
Debt service:						
Principal payment on debt	60,617	65,121	71,173	73,269	84,612	87,950
Interest payment on debt	39,057	46,853	47,319	46,474	55,472	45,959
Capital improvements	4,752	3,679	4,282	4,282	9,568	91,666
OPEB funding ⁽²⁾	16,000	15,724	13,000	13,000	10,000	11,000
Total Expenditures	\$1,077,987	\$1,124,354	\$1,144,116	\$1,162,098	\$1,213,514	\$1,452,523
Excess Revenues over Expenditures	25,933	19,352	82,884	136,629	125,361	(72,502)
Transfers In/(Out)	(26,250)	(20,145)	(19,907)	(15,266)	(48,607)	72,502
Plus Lapsed Encumbrances	2,620	2,511	1,612	1,566	6,016	-
Capital Related Debt Issued	-	793	-	874	-	-
Less Appropriation from Fund Balance	(2,888)	(1,128)	-	-	-	(89,037)
Beginning Fund Balance	127,016	126,431	127,814	192,402	316,205	398,976
Adjustment to Beginning Balance	-	-	-	-	-	-
Ending Fund Balance	\$126,431	\$127,814	\$192,402	\$316,205	\$398,976	\$309,938

(1) The information in this table is presented in the same format as set forth in the County's Operating Budget and should be read in conjunction with the audited basic financial statements available at <https://www.howardcountymd.gov/finance/finance-audits>.

(2) Funding was in addition to annual pay-go budget.

The following table presents the activity in all Special Revenue Funds for fiscal years 2018 through 2022 on a budgetary basis, along with the annual budget adopted for fiscal year 2023.

Statement of Special Revenue Funds Revenues and Expenditures (Budgetary Basis)(000)⁽¹⁾

	Fiscal Year Ended June 30					Budget
	2018	2019	2020	2021	2022	2023
Revenues						
Property taxes ⁽²⁾	\$96,463	\$97,667	\$133,620	\$145,760	\$150,615	\$149,055
Other local taxes	15,478	16,513	20,306	19,732	22,346	20,090
Revenues from other governmental agencies	15,461	18,571	23,683	63,776	63,136	-
Charges for services ⁽³⁾	44,577	46,564	51,107	48,808	66,055	70,453
Interest on investments	182	3,363	2,499	99	(803)	214
Rental of property	-	-	-	-	-	-
Miscellaneous revenues	8,033	7,003	11,217	7,632	6,323	3,177
Total Revenues	\$180,194	\$189,681	\$242,431	\$285,807	\$307,672	\$242,989
Other Sources of Financial Resources						
Operating transfers in	4,449	590	395	-	3,307	2,156
Capital lease proceeds	-	2,223	-	-	(72)	(11,403)
Total Revenues and Other Sources of Financial Resources	\$184,644	\$192,494	\$242,825	\$285,807	\$310,907	\$233,741
Expenditures and Encumbrances						
Public safety	104,076	107,997	119,495	123,822	127,343	126,158
Recreation and parks	19,900	20,402	19,013	13,093	17,890	23,715
Environmental	32,336	33,316	36,178	36,008	39,149	30,854
Community services and intergovernmental	16,784	17,235	24,698	60,484	67,049	18,267
Capital improvements	239	104	93	2,165	14,593	8,738
Debt service:						
Principal payment on debt ⁽⁴⁾	5,543	4,298	17,150	18,154	7,971	4,115
Interest payment on debt	6,228	6,087	7,818	6,558	5,453	5,383
Total Expenditures and Encumbrances	\$185,106	\$189,437	\$224,445	\$260,284	\$279,449	\$217,230
Other Uses of Financial Resources						
Operating transfers out	2,894	3,266	21,625	9,801	3,401	16,512
Total Expenditures and Other Uses of Financial Resources	\$188,001	\$192,703	\$246,070	\$270,086	\$282,850	\$233,741
Excess Revenues and Other Sources of Financial Resources over Expenditures and Encumbrances and Other Uses of Financial Resources	(3,357)	(209)	(3,244)	15,722	28,057	-
Beginning Fund Balance	215,830	212,473	212,264	209,019	224,741	252,798
Ending Fund Balance	\$212,473	\$212,264	\$209,019	\$224,741	\$252,798	\$252,798

(1) The information in this table should be read in conjunction with the audited basic financial statements available at <https://www.howardcountymd.gov/finance/finance-audits>.

(2) The real property and personal property tax rates for the dedicated Fire & Rescue Fund increased from \$0.176 and \$0.440 to \$0.236 and \$0.590 in FY2020.

(3) The fee for residents receiving curbside trash, recycling and yard waste collection was increased by \$100 in FY2020.

(4) Principal payments increased due to the change to equal annual principal payments in Agricultural Land Preservation Program Installment Purchase Agreements.

The following table presents the Component Units' activity for the fiscal years 2018 through 2022 on a GAAP basis, which is not comparable to General Fund and Special Revenue Funds statements prepared on a budgetary basis.

Statement of Component Units Revenues and Expenses (GAAP Basis)(000)⁽¹⁾

	Fiscal Year Ended June 30				
	2018	2019	2020	2021	2022
Revenues:					
Revenues from other agencies	\$522,958	\$518,636	\$527,870	\$524,712	\$724,080
Charges for services	85,399	81,341	63,179	8,050	67,902
Interest on investments	2,620	3,534	2,583	51	(139)
Miscellaneous	15,749	23,835	22,938	20,466	53,585
Total Revenues	\$626,726	\$627,347	\$616,570	\$553,280	\$845,428
Other Sources of Financial Resources:					
Operating transfers from primary government	628,304	657,136	664,494	620,300	700,760
Total Revenues and Other Sources of Financial Resources	\$1,255,030	\$1,284,482	\$1,281,064	\$1,173,580	\$1,546,188
Expenditures:					
Education	1,185,253	1,206,642	1,234,482	1,149,383	1,429,550
Libraries	25,379	25,851	26,260	-	29,659
Housing	48,150	49,078	51,140	-	53,957
Total Expenditures	\$1,258,782	\$1,281,571	\$1,311,882	\$1,149,383	\$1,513,165
Excess (Deficiency) of Revenues and Other Sources of Financial Resources over Expenditures	(3,752)	2,911	(30,818)	28,798	33,022
Beginning Net Assets	679,583	675,831	677,330	646,512	681,684
Adjustment to restate net assets	-	(1,412)	-	6,374	-
Ending Net Assets, GAAP Basis	\$675,831	\$677,330	\$646,512	681,684	\$714,706

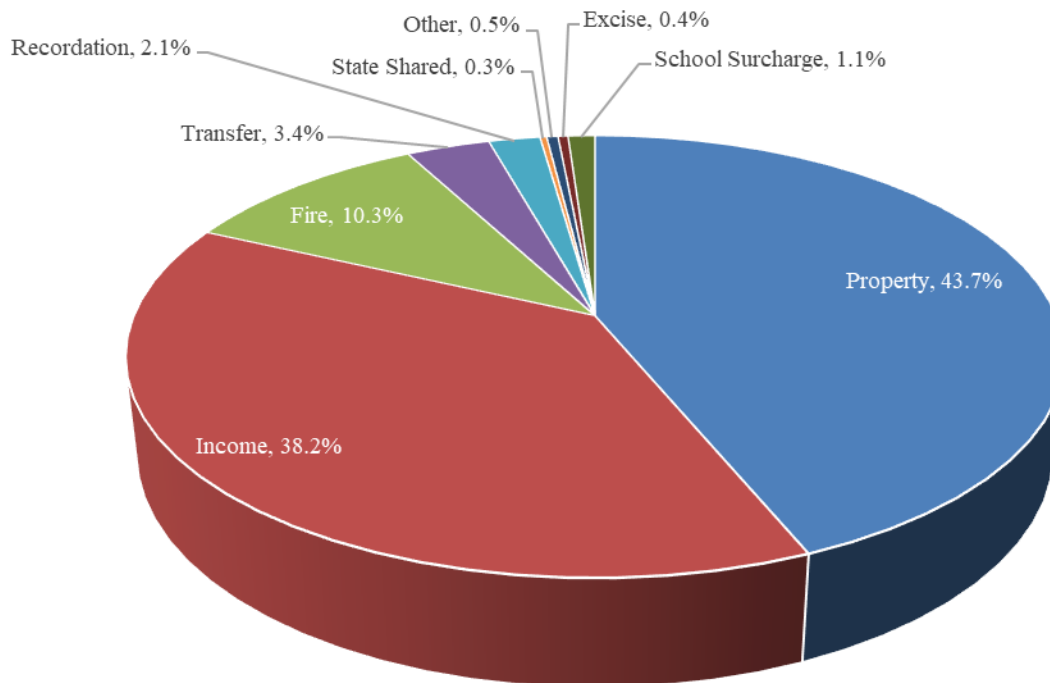
(1) Excludes the Internal Service Funds.

Sources of Revenue

Overview of Tax Revenues

The chart below presents the composition of the County's budgeted tax revenues in all funds for fiscal year 2023.

Composition of Tax Revenues



Local Property Taxes

Assessments

The assessment of all real and tangible personal property for purposes of property taxation by the County is solely the responsibility of the State Department of Assessment and Taxation, an independent State agency. Assessment records and tax rolls are maintained in each county seat and in Baltimore City. Real property is valued at market value ("full cash value") and active farm property is assessed at \$500 per acre. Personal property owned by a business is assessed annually by the State based on returns filed by April 15 for property owned as of January 1 of that year.

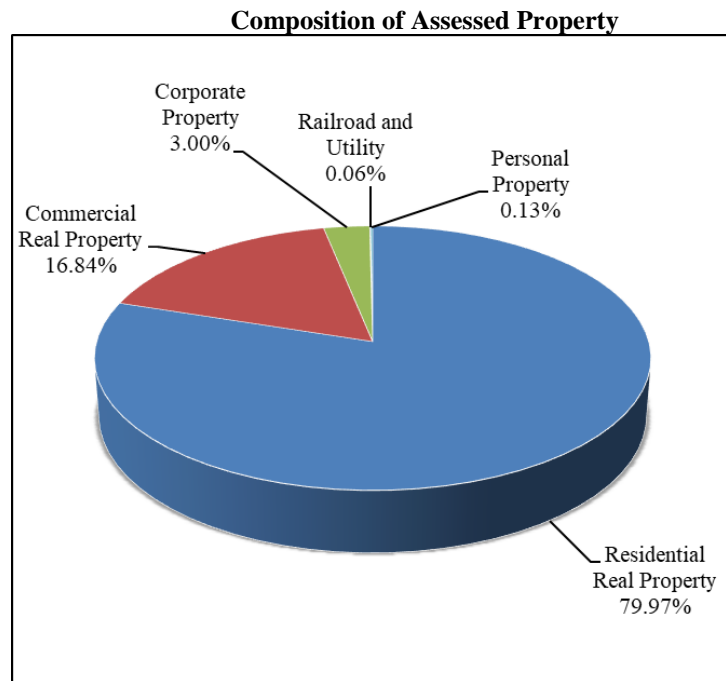
Property Tax Credit Programs

Under State law, certain owners who occupy residential property receive tax credits against local property taxes. The effect of the homestead property tax credit is to limit property tax increases payable as a result of increases in assessed values. State law permits a maximum increase of 10 percent in assessed value annually, but the County has elected to reduce that percentage to five percent. The County granted \$2.3 million of such tax credits in fiscal year 2022 and estimates \$2.9 million was to be granted in fiscal year 2023.

A State-mandated tax credit is granted to certain property owners with lower incomes. The credit is calculated using a scale that establishes a maximum property tax liability for various income levels. The credit is reimbursed to the County by the State; for fiscal year 2022, the County received \$3,228,479. In fiscal year 2022, the County granted a supplemental credit to certain property owners with lower incomes. This credit amounted to \$12,017. The County also grants a tax credit for homeowners 70 years of age and older who fall into certain income and asset categories. In the fiscal year 2022, senior credits were issued in the amount of \$527,404.

Assessed Value, Property Tax Rates and Property Tax Levies

The chart below presents the composition of the County's assessable base of both real and personal property in fiscal year 2022.



The following table presents the assessed value of all taxable property in the County for the fiscal years 2018 through 2022, the County tax rates and the tax levy in each of those years. The County has exempted manufacturers' and warehousing inventories and manufacturers' machinery, tools and equipment from local property taxation. Assessed values of tax-exempt properties owned by federal, State and County governments, churches, charities, schools, fraternal organizations, cemeteries, fire companies, disabled veterans and the blind, aggregating approximately \$5.1 billion as of June 30, 2022, are not included in the table below.

Assessed Values, Tax Rates and Tax Levies

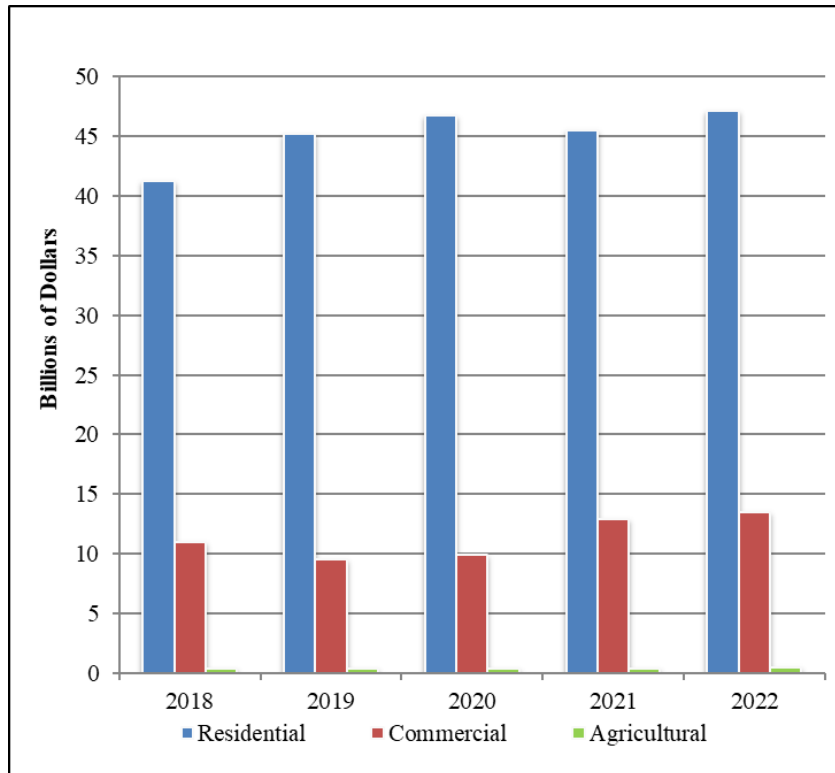
	Fiscal Year Ended June 30				
	2018	2019	2020	2021	2022
Assessed Value (\$000)					
Real property	\$49,821,784	\$51,679,563	\$53,471,779	\$55,084,014	\$57,017,183
Personal property	55,941	59,609	62,055	68,196	76,369
Railroads and public utilities	57,826	57,518	46,933	40,834	37,651
Corporations	1,582,455	1,615,926	1,597,555	1,801,746	1,768,839
Total Assessable Base	\$51,518,005	\$53,412,616	\$55,178,323	\$56,994,790	\$58,900,042
County Tax Rate:					
Real Property	1.014	1.014	1.014	1.014	1.014
Personal Property	2.535	2.535	2.535	2.535	2.535
County Tax Levy (\$000)⁽¹⁾	\$545,280	\$564,976	\$578,028	\$604,716	\$622,499
Fire District Tax Rate					
Real property	0.176	0.176	0.176	0.176	0.176
Personal property	0.440	0.440	0.440	0.440	0.440
Fire Tax Levy (\$000)	\$94,653	\$98,063	\$135,526	\$140,743	\$145,142

(1)Excludes payments in lieu of taxes, additions and abateements, interest on taxes, discounts on taxes, various tax credits and tax levies on any tax- exempt property.

The fire district tax is levied on the assessable base within the County's fire district. Proceeds of the tax are distributed to the Fire Tax Reserve Fund, a Special Revenue Fund, to fund operations, equipment and buildings.

As presented in the following chart, the value of commercial/industrial property increased approximately 22.5% between fiscal year 2018 and 2022, agricultural property values remained relatively flat and residential real property values increased approximately 14.3%.

Value of Assessable Base by Type of Property



The assessed value of all taxable property in the County for the fiscal year ending June 30, 2022 was \$58.9 billion. The County's real property tax rate for fiscal year 2023 is \$1.014 per \$100 of full cash value for real property and \$2.535 per \$100 of assessed value for personal property owned by businesses. In fiscal year 2023, the total property tax revenue budgeted for the General Fund is \$619.7 million, or a 3.1% increase from the amount budgeted in fiscal year 2022.

Property Tax Collection

County taxes are due and payable as of July 1 of each fiscal year, except that real property taxes on principal residences and on small business properties are due and payable in two installments as of July 1 and December 1 of each fiscal year. A discount of 0.5% is allowed on payments made in July. The County records property tax revenues as the taxes are billed. Over the last five years, the County has collected virtually all of the property taxes levied.

When taxes become delinquent, combined interest and penalty at the rate of 1.5% per month are charged for each month or fraction thereof that taxes due remain unpaid for the current year. Delinquent taxes are satisfied, after prior notice of delinquency, at public auction conducted by the Director of Finance prior to the last Wednesday in August annually. The 2022 tax sale occurred on May 4, 2022. The net receivables uncollected 60 days after year-end are recorded as deferred revenues. Personal property taxes receivable are charged off as uncollectible after all collection means are exhausted.

The table below presents information with respect to the County's tax levies and tax collections for fiscal years 2018 through 2022.

Total Property Tax Levies and Collections (\$000)

Fiscal Year Ended June 30	Total Tax Levy ⁽¹⁾	Current Year's Taxes		Taxes Collected		Delinquent	As % of Current
		Collection Year of Levy	% 	(Current and Delinquent)		Taxes	Year's Tax Levy
						Amount	
		Amount	%	Amount	%	Amount	
2022	\$767,640	\$762,776	99.37	\$762,776	99.37	\$4,864	0.63
2021	697,366	690,343	98.99	696,130	99.82	\$7,023	1.01
2020	677,030	671,983	99.25	674,008	99.55	3,023	0.45
2019	663,039	656,951	99.08	658,370	99.30	4,668	0.70
2018	639,933	635,258	99.27	636,542	99.47	3,392	0.53

(1) Total tax levy represents the original property tax levy, and excludes fire district taxes levied, payments in lieu of taxes, additions and abatements, interest on taxes, discount on taxes and various tax levies on any tax- exempt property.

Major Property Taxpayers

The following table presents the County's ten largest property taxpayers on June 30, 2022, the total taxes paid by such taxpayers during fiscal year 2022 and the assessed value of real and personal property owned by each taxpayer during fiscal year 2022.

Ten Largest Property Taxpayers ⁽¹⁾

Name of Taxpayer	Type of Business	Total Taxes Paid (\$000)	Taxable Assessed Valuation Amount (\$000)	Percentage of Total Assessed Valuation
Baltimore Gas & Electric Company	Gas and Electric Utility	\$15,964	\$510,843	0.87%
Mall in Columbia Business Trust	Rental Real Estate	4,939	338,000	0.57
9220 Old Lantern Way Owner LLC	Apartment Rentals	2,464	169,399	0.29
Howard Properties Howard Crossing	Apartment Rentals	2,457	170,695	0.29
Verizon - Maryland	Telephone Communicatons	3,546	112,936	0.19
Home Properties Charleston	Apartment Rentals	1,641	112,885	0.19
Parcel C Property LLC	Rental Real Estate	1,269	106,634	0.18
Mariner Sherwood	Apartment Rentals	1,307	89,980	0.15
Parcel D Property LLC	Rental Real Estate	1,288	89,294	0.15
API Columbia Town Center LLC	Rental Real Estate	1,273	85,526	0.15
Totals		\$36,147	\$1,786,192	3.03%

(1) The information set forth above was compiled from tax rolls on which the names of owners are not always recorded in the same manner.

Local Income, Transfer and Other County Taxes

Local Income Taxes

The State imposes an income tax on the adjusted income of individuals as determined for federal income tax purposes, subject to certain adjustments. For tax year 2022, Maryland's personal tax rates begin at 2% on the first \$1,000 of taxable net income and increase up to a maximum of 5.75% on incomes exceeding \$250,000 (or \$300,000 for taxpayers filing jointly, heads of household, or qualifying widows/widowers). Nonresidents are subject to a special tax rate of 1.75%, in addition to the state income tax rate.

Pursuant to State law, each county and Baltimore City may levy a local income tax at the rate of at least 1.75%, but not more than 3.2%, of the State taxable income of individuals domiciled in their respective jurisdictions. With a local income tax rate of 3.2% in both 2021 and 2022, the County was one of 11 local income tax rates set at the maximum in 2022.

In the case of *Comptroller v. Wynne*, 135 S.Ct. 1787 (2015), the United States Supreme Court ruled in May 2015 that Maryland's personal income tax structure, which allowed counties to collect personal income taxes from residents on income earned in other states where the income was subject to tax by that state, violates the Commerce Clause and that Maryland residents who paid income taxes to another state on income earned in the other state are entitled to a credit against the county portion of the Maryland income tax owed. The ruling means that each county in Maryland will experience a reduction in income tax revenue, including the County. The total fiscal impact on the County is still being assessed but the decision will have a direct impact on the County in both covering historical liabilities resulting from refund claims by certain taxpayers and from a loss of revenues in the future. As of September 2017, the County has incurred verified accumulative historical liabilities of approximately \$9.1 million based on refund claims approved and processed by the State Comptroller's Office. This number will increase as more requests for refunds are processed by the State Comptroller's Office. For those historical liabilities, the State will initially provide the refunds to the taxpayers. The County has opted to pay back the State through 80 quarterly installments of \$113,811, which commenced in May 2021 (fiscal year 2021). The County estimates its loss in income revenues to be approximately \$1.8 million per year going forward. The Court of Special Appeals affirmed the decision (240 Md. App. 371 (2019)) and the petition for writ of certiorari was denied by the Court of Appeals (469 Md. 655 (2020)).

The following table presents the total amount of income tax budgeted for the last six fiscal years and received for fiscal years 2018 through 2022.

Income Tax Revenues (\$000)		
Fiscal Year Ended		
June 30	Budget	Actual
2023	\$540,870	-
2022	492,337	\$603,890
2021	464,277	577,099
2020	465,244	521,861
2019	454,296	462,445
2018	444,292	444,453

Local Transfer Taxes

The County levies and collects a transfer tax on the actual consideration paid for the conveyance of title, which tax is imposed upon all transfers of real property within the County. Pursuant to Council Resolution 84-2020, the rate increased from 1.0% to 1.25%. Of the first 1.0% of the tax imposed, twenty-five percent of proceeds are distributed for school construction and site acquisition, 25% for Recreation and Parks, 12.5% for Fire Service Buildings and Equipment Capital Project Funds, 25% for the Agricultural Land Preservation Program, and 12.5% to the Community Renewal Special Revenue Funds. The additional 0.25% rate is distributed, 25% to school land acquisition and construction, 25% to park construction and development, 25% to housing and community development and 25% for fire and rescue services. In fiscal year 2022, the total amount of transfer tax collected was \$63.4 million. The amount of transfer tax budgeted for fiscal year 2023 is \$48.8 million.

Building Excise Tax

The County levies and collects a building excise tax on all construction in the County. The tax is levied at the time a building permit is issued and the amount of tax paid is determined by the square footage of the construction project. The County uses this money to fund road construction projects as well as to pay debt service on general obligation bonds whose proceeds fund such projects. The County has issued \$163.5 million of these general obligation bonds since 2000. In addition, \$51.4 million of excise tax collected has been appropriated as pay-go funding on road construction projects since fiscal year 1995. The total amount of excise taxes collected was \$8.0 million in fiscal year 2022 with \$5.8 million budgeted in fiscal year 2023.

School Facilities Surcharge

The County levies and collects a surcharge on all residential construction in the County. The surcharge is levied at the time a building permit is issued. The County uses this money to fund public school construction projects as well as to pay debt service on general obligation bonds whose proceeds fund such projects. Prior capital budgets included \$102 million of County general obligation bonds whose debt service will be paid from the surcharge. The County has issued \$101.9 million of these general obligation bonds. The total amount of school facilities surcharge collected in fiscal year 2022 was \$16.0 million, with \$15.7 million budgeted in fiscal year 2023.

Maryland House Bill 1409, enacted in 2019, gave the County the authority to increase the School Surcharge rate effective July 1, 2019. The school surcharge is paid when a building permit is applied for. All revenue raised from this surcharge is dedicated to school construction for the Howard County Public School System.

On November 4, 2019, the Howard County Council voted unanimously to pass Council Bill 42-2019, which raised the school facilities surcharge paid in Howard County to fund school construction effective January 6, 2020. The bill set phased-in rates for the school facilities surcharge over the course of two years. Subject to inflation, the surcharge is set at \$4.75 per square foot through December 31, 2020, \$6.25 per square foot through December 31, 2021, and \$7.50 per square foot for all years thereafter. The increased rates are projected to generate more than \$200 million in additional revenues over the next 20 years.

Other County Taxes

The County levies and collects other miscellaneous taxes, the largest of which is the recordation tax on instruments conveying title to property and securing debt. In fiscal year 2022, the total amount of other taxes collected was \$46.6 million. Of this amount, \$32.5 million was attributable to the recordation tax. The fiscal year 2023 recordation tax budget is \$30.0 million.

Local Charges for Services, Licenses and Permits, and Fines

The County and its Component Units collect charges for various services as well as fees for licenses and permits. The largest of these constituting General Fund revenues are rental housing inspection fees, development-review fees, cable television franchise fees and charges for boarding prisoners. In fiscal year 2022, the total amount of charges and fees collected in the General Fund were \$11.0 million. The fiscal year 2023 budget is \$9.8 million.

The largest charges and fees credited to Special Revenue Funds are charges for use of recreational facilities and programs and fees and charges for trash collection and use of the County landfill. The total amount of charges and fees collected in Special Revenue Funds in fiscal year 2022 was \$50.6 million with \$58.5 million budgeted in fiscal year 2023.

State-Shared Taxes

The State shares certain taxes collected in the County with the County. These taxes are primarily collected on gasoline sales and used for construction and maintenance of highways. The State is not required to share such taxes and has changed the amount that it shares from year to year. The total amount of State-shared taxes collected in fiscal year 2022 was \$3.9 million, with \$3.9 million budgeted for fiscal year 2023.

State and Federal Grant Assistance

The County receives and accrues grant revenues from the federal and State governments. The largest of these grants constituting General Fund revenues is from the State for police protection. The total amount of grants received in the General Fund in fiscal year 2022 was \$9.8 million, with \$11.6 million budgeted in fiscal year 2023.

Revenues in the Grants Special Revenue Fund are primarily categorical grants from the federal government funding special programs, such as housing, senior services, transit and homeland security.

The County's Component Units receive and accrue grants from other government agencies, primarily the State, in addition to operating transfers received from the County. In fiscal year 2022, the total amount of grants collected by the Component Units was \$279.8 million. Of that amount \$238.8 million was used for operations by the Board of Education, \$1.2 million funded the Howard County Library System, \$38.7 million was used for operations by the Community College and \$0.3 million funded the Howard County Housing Commission.

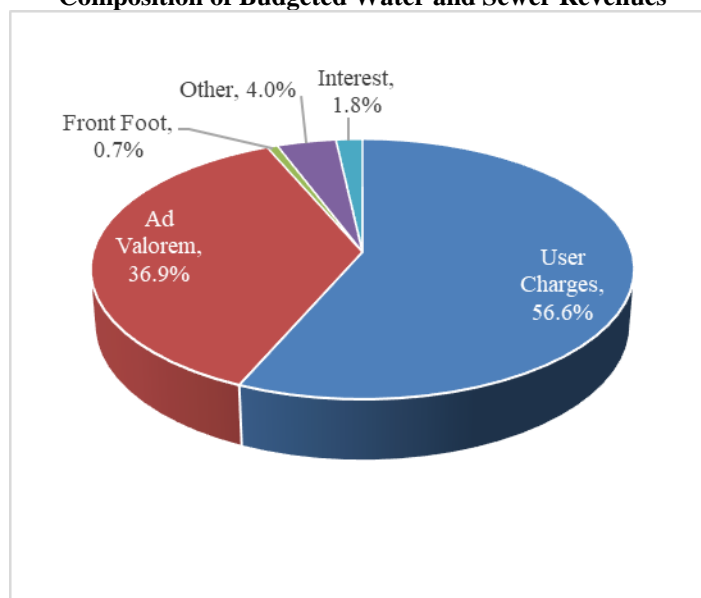
Water and Sewer Enterprise Fund

The County provides water and sewer services primarily to areas of heavy residential and commercial demand in the eastern part of the County (the “Metropolitan District”). The Metropolitan District and the County’s water and sewer facilities are described in more detail under “Government and Infrastructure, Water and Sewer System” herein. Financial accounting for the County’s water and sewer operations is consolidated in an enterprise fund.

Water and sewer service charges are recorded as revenues when they are billed. At each fiscal year-end, revenue is accrued for the amount of unbilled water and sewage service provided. Other revenues are recorded as payments when received, except at fiscal year-end, when all other revenues are also accrued. Unpaid water and sewer service charges and assessments are a lien on the real property served and are collectible in the same manner as real property taxes at tax sale.

The water and sewer enterprise fund’s largest source of operating revenues are water and sewer user charges. These charges are based on the amount of water used. Commercial and residential properties connecting into the water and sewer system also pay connection charges. The average quarterly bill for a family of four in fiscal year 2022 was approximately \$245.

Composition of Budgeted Water and Sewer Revenues



The chart above presents the costs related to provision of water and sewer services are financed primarily with ad valorem, front-foot charges, and user fees. For fiscal year 2023, an ad valorem charge of \$0.08 per \$100 assessed value was levied upon all property located within the Metropolitan District. Property abutting a road under which the County has built a water or sewer main is charged a fixed amount annually for 30 years (front foot), with such amount established in the year in which water or sewer service becomes available to each specific property. An in-aid-of-construction charge is collected for each connection of an equivalent dwelling unit.

The County has entered into certain agreements with Baltimore City, Baltimore County and the Washington Suburban Sanitary Commission for water supply services and/or sewage disposal services. Under the terms of such agreements, the County is to reimburse these governmental units for their costs of providing water and sewer service. The County provides for annual accrual of its liability under these agreements. Under the terms of several other agreements with these governmental units as well as Anne Arundel County, the County is obligated to fund a portion of capital improvements to certain existing and proposed water and sewer facilities. The County estimates that its remaining commitment under these agreements over the next five fiscal years is \$9.4 million and such obligation is included in the County’s capital program.

The following table presents the revenues, expenses and changes in net position of the water and sewer enterprise fund for fiscal years 2018 through 2022.

Water & Sewer Enterprise Fund Statement of Revenues, Expenses & Changes in Net Position (\$000) ⁽¹⁾

	Fiscal Year Ended June 30				
	2018	2019	2020	2021	2022
Operating Revenues:					
User charges	\$60,634	\$60,911	\$62,771	\$62,840	\$62,981
Miscellaneous sales and services	2,684	2,005	2,118	2,186	2,226
Total Operating Revenues	\$63,318	\$62,915	\$64,889	\$65,027	\$65,207
Operating Expenses:					
Salaries and employee benefits	13,550	13,651	14,690	16,207	14,174
Contractual services	14,765	16,508	15,877	21,794	17,636
Supplies and materials	2,216	3,323	2,781	3,675	3,145
Business, travel and vehicle expenses	1,841	1,974	1,905	1,848	1,751
Purchased water and transmission charges	26,926	30,403	23,931	24,059	28,777
Sewage treatment charges	7,550	8,032	9,175	6,802	4,312
Share of county administrative expense	5,035	5,681	5,898	6,748	6,717
Other	730	1,220	1,513	1,994	2,527
Depreciation expense	22,714	23,015	23,660	26,591	30,418
Less: House connection and capitalized overhead costs	(51)	(9)	(6)	(13)	(11)
Total Operating Expenses	\$95,274	\$103,799	\$99,423	\$109,705	\$109,447
Operating Loss	(31,956)	(40,884)	(34,535)	(44,678)	(44,240)
Nonoperating Revenues (Expenses):					
Ad valorem charges	33,958	35,349	36,105	38,160	40,162
Water and sewer assessment charges	1,324	1,124	977	941	903
Interest on investments	2,201	5,341	2,473	253	957
Interest expense	(10,828)	(9,039)	(12,945)	(13,342)	(15,774)
Gain (loss) on sale of capital assets	53	(794)	(11)	3	(171)
Grant	-	1,299	7	2,405	349
Other revenue (expense)	(28)	(32)	(69)	-	-
Total Nonoperating Revenues (Expenses)	\$26,680	\$33,248	\$26,537	\$28,421	\$26,426
Net Income before Contributions and Transfers	(5,276)	(7,636)	(7,998)	(16,258)	(17,814)
Capital contributions	11,433	11,481	9,929	12,144	10,376
Change in Net Position	\$6,157	\$3,845	\$1,931	(\$4,114)	(\$7,438)
Net Position at Beginning of Period	562,020	557,229	561,074	563,005	\$558,891
Adjustment to Beginning Net Position	(10,948)	-	-	-	-
Net Position at End of Period	\$557,229	\$561,074	\$563,005	\$558,891	\$551,453

(1) This information should be read in conjunction with the audited basic financial statements available at <https://www.howardcountymd.gov/finance/finance-audits>.

Special Recreation Facility Enterprise Fund

The County owns an 18-hole public golf course, opened in 1996, whose construction and equipping were financed with proceeds of revenue bonds issued in 1995 and subsequently refunded in 2003. In May 2012, the 2003 bonds were redeemed by the Taxable Golf Course Refunding Revenue Note (Timbers at Troy Golf Course), Series 2012, which was privately negotiated with a financial institution. The County accounts for the operations of the golf course in an enterprise fund. The County has a multi-year contract through December 31, 2027 with a sports management company to lease the course.

The following table presents the revenues, expenses and changes in net assets of the special recreation facility enterprise fund for fiscal years 2018 through 2022.

Special Recreation Facility Enterprise Fund Statement of Revenues, Expenses & Changes in Net Position (\$000) ⁽¹⁾

	Fiscal Year Ended June 30				
	2018	2019	2020	2021	2022
Operating Revenues:					
Greens & cart fees ⁽²⁾	\$687	-	-	-	-
Range fees	51	-	-	-	-
Merchandise sales & services	74	-	-	-	-
Food & beverage	161	-	-	-	-
Miscellaneous sales & services	116	\$300	\$443	\$734	\$766
Total Operating Revenues	\$1,089	\$300	\$443	\$734	\$766
Operating Expenses:					
Contractual services	\$935	\$826	\$34	-	-
Supplies and Materials	10	-	-	-	-
Depreciation expense	151	147	146	144	144
Total Operating Expenses	\$1,096	\$973	\$179	\$144	\$144
Operating Income/(Loss)	(\$7)	(\$673)	\$264	\$590	\$622
Nonoperating Expenses:	(\$124)	(\$134)	(\$103)	(\$50)	(\$25)
Income before contributions & transfers	(131)	(806)	161	540	597
Operating transfers in (out)	(4)	2	1	8	(5)
Change in Net Position	(\$135)	(\$805)	\$162	\$548	\$592
Net Position at Beginning of Period	6,644	6,508	5,703	5,866	6,414
Total Net Position	\$6,508	\$5,703	\$5,866	\$6,414	\$7,005

(1) The information in this table should be read in conjunction with the audited basic financial statements available at <https://www.howardcounty.md.gov/finance/finance-audits>.

(2) The course is now leased as of January 1, 2018. Lease revenue is now received instead of greens and cart fees.

Broadband Enterprise Fund

The Broadband Fund accounts for broadband services to private sector businesses as well as non-County government agencies and County departments and component units.

The following table presents the revenues, expenses and changes in net position of the broadband enterprise fund for fiscal years 2018 through 2022.

Broadband Enterprise Fund Statement of Revenues, Expenses & Changes in Net Position ⁽¹⁾

	Fiscal Year Ended June 30				
	2018	2019	2020	2021	2022
Operating Revenues:					
User charges	\$1,786,773	\$1,741,432	\$1,145,496	\$1,913,468	\$1,988,051
Miscellaneous sales & services	-	2,385	-	4,078	7,069
Total Operating Revenues	\$1,786,773	\$1,743,817	\$1,145,496	\$1,917,546	\$1,995,120
Operating Expenses:					
Salaries and employee benefits	661,223	496,654	468,325	486,497	468,318
Contractual services	40,735	415,418	798,195	733,733	682,833
Supplies and materials	220	350,792	-	88,317	1,499
Business, travel and vehicle expenses	417	105	1,636	2,332	883
Depreciation expense	707,145	876,907	866,510	850,991	880,761
Total Operating Expenses	\$1,409,740	\$2,139,876	\$2,134,666	\$2,161,870	\$2,034,294
Operating Income/(Loss)	\$377,033	(\$396,059)	(\$989,170)	(\$244,324)	(\$39,174)
Nonoperating Revenues (Expenses):					
Interest on investments	44,511	131,891	39,067	4,873	(46,572)
Interest expense	(10,935)	(59,968)	(60,950)	(108,404)	(60,915)
Gain (loss) on sale of capital assets	-	-	(2,387)	-	1,899
Total Nonoperating Revenues (Expenses)	\$33,576	\$71,923	(\$24,270)	(\$103,531)	(\$105,588)
Net Income before Contributions and Transfers	\$410,609	(\$324,136)	(\$1,013,440)	(\$347,855)	(\$144,762)
Capital contributions	543,859	18,052	(100,607)	447,794	886,583
Operating transfers in (out)	(1,259,040)	555,170	(882,000)	575,000	575,000
Change in Net Position	(\$304,572)	\$249,086	(\$1,996,047)	\$674,939	\$1,316,821
Net Position at Beginning of Period	\$13,797,077	\$13,492,505	\$13,741,591	\$11,745,544	\$12,420,483
Net Position at End of Period	\$13,492,505	\$13,741,591	\$11,745,544	\$12,420,483	\$13,737,304

(1) This information should be read in conjunction with the audited basic financial statements available at <https://www.howardcountymd.gov/finance/finance-audits>.

Watershed Protection and Restoration Enterprise Fund

The County passed legislation to create a Watershed Protection and Restoration fund as a dedicated, non-lapsing, enterprise fund. The legislation allowed for the collection of a watershed protection and restoration fee to allocate the cost of the program to all owners of improved real property based on impervious surface measurement. The fee was included, as a separate item, on a supplemental real property tax bill, for each property subject to the fee.

The following table presents the revenues, expenses and changes in net position of the watershed protection and restoration enterprise fund for fiscal years 2018 through 2022.

Watershed Protection and Restoration Enterprise Fund
Statement of Revenues, Expenses & Changes in Net Position (\$000)⁽¹⁾

	Fiscal Year Ending June 30				
	2018	2019	2020	2021	2022
Operating Revenues:					
User charges	\$10,812	\$9,476	\$9,702	\$9,811	\$9,840
Miscellaneous sales and services	25	25	11	16	69
Total Operating Revenues	\$10,836	\$9,501	\$9,713	\$9,826	\$9,910
Operating Expenses:					
Salaries and employee benefits	938	1,049	1,174	1,217	1,232
Contractual services	1,586	1,477	2,754	2,060	2,274
Supplies and materials	1	8	1	20	23
Business, travel and vehicle expenses	1	2	1	8	4
Share of county administrative expense	1,253	1,096	887	706	757
Other	82	82	85	91	95
Depreciation expense	97	112	677	825	1,143
Total Operating Expenses	\$3,959	\$3,825	\$5,580	\$4,927	\$5,528
Operating Income/(Loss)	\$6,877	\$5,676	\$4,133	\$4,899	\$4,381
Nonoperating Revenues (Expenses):					
Interest on investments	204	519	100	(5)	(119)
Gain (loss) on sale of capital assets	-	-	-	-	-
Interest expense	-	(25)	(108)	(822)	(766)
Other	-	-	11	141	168
Total Nonoperating Revenues (Expenses)	\$204	\$493	\$2	(\$686)	(\$717)
Net Income before Contributions and Transfers	7,081	6,169	4,135	4,213	3,664
Capital contributions	-	30,367	9,386	20,825	5,554
Operating transfers in (out)	(7,888)	(9,969)	(18,608)	(14,391)	-
Change in Net Position	(\$807)	\$26,567	(\$5,088)	\$10,647	\$9,218
Net Position at Beginning of Period	\$14,626	\$13,819	\$40,385	\$35,297	\$45,944
Net Position at End of Period	\$13,819	\$40,385	\$35,297	\$45,944	\$55,162

(1) This information should be read in conjunction with the audited basic financial statements available at <https://www.howardcountymd.gov/finance/finance-audits>.

Retirement and Pension Programs

Overview of Programs

Each fully benefited employee of the County is provided retirement benefits through and must be a member of (1) the Police and Fire Employees' Retirement Plan ("Police/Fire Plan"), (2) the Howard County Retirement Plan ("County Plan") or (3) the Employee Retirement and Pension Systems of the State of Maryland ("State Systems"). The State Systems are cost-sharing multiple-employer defined benefit systems; the Police/Fire Plan and the County Plan are single-employer defined benefit public employee retirement plans administered by the County. Fully benefited employees of the Component Units are provided retirement benefits through the State Systems; most contributions to the State Systems for these employees are made directly by the State according to State statute. The Governor's FY 2013 budget authorized the counties to share the cost of funding teachers' pensions. As of this date, the General Assembly has not adopted statutory changes to the current obligation of the State to pay pension costs or regarding any costs or responsibilities for unfunded actuarial liabilities that might be passed on to the counties. The Component Units' financial reports for the year ended June 30, 2022 present information related to their participation in the State Systems.

The following table presents the enrollment (as of July 1, 2022) and payroll in fiscal year 2022 for County employees covered by the State Systems (excluding Component Unit employees), Police/Fire Plan and County Plan.

July 1, 2022	Enrollment			Payroll (\$000)
	Inactive	Active Vested	Active Non-Vested	
State Systems		39		\$3,353
Police/Fire Plan	545	729	238	93,444
County Plan	1,290	1,197	620	136,666
Non-Covered Payroll	-	-	-	13,391
Total	1,835	1,965	858	\$246,854

Information regarding these retirement and pension programs is contained in Note 15 of the notes to the County's audited basic financial statements.

Funding of Payments

Retirement and pension payments are funded from three sources: County contributions, member contributions and investment earnings. The following table presents the County's total pension contributions for fiscal years 2018 through 2022.

Total Pension Contributions (\$000)			
Fiscal Year Ended June 30	Police/Fire Plan Contribution	County Plan Contribution	Total County Contribution
2022	\$33,226	\$16,347	\$49,573
2021	31,923	15,889	47,812
2020	31,105	15,034	46,139
2019	27,720	14,155	41,875
2018	26,337	14,841	41,178

Pension Liability

The County's funding policies provide for periodic employer contributions at rates determined actuarially to accumulate sufficient assets to pay for benefits when due. The County had a net pension liability of \$130.6 million and \$50.7 million, as of June 30, 2022 for the County Plan and the Police/Fire Plan respectively. The County has always made its annual required contributions. The following tables present the computation of contribution requirements for the Police/Fire Plan and the County Plan through the most recent actuarial valuations.

The Police/Fire Plan was only 37% funded when it was established in 1990. The increase in unfunded accrued liabilities of the Police/Fire Plan and the County Plan is primarily the result of a reduction in the assumed rate of return from 8.0% on a gross basis to 7.35% on a net basis. Investment gains and losses are smoothed over five years and actuarial gains and losses are amortized over 15 years for both plans.

Computation of Contribution Requirements

Police/Fire Plan for the Fiscal Year Ended June 30					
	2018	2019	2020	2021	2022
	Valuation	Valuation	Valuation	Valuation	Valuation
Total Pension Liability (\$000)	694,496	741,185	779,728	828,261	884,800
Net Position (\$000)	562,284	619,358	648,877	825,834	754,157
Actuarial Value of Assets (\$000)	571,902	619,358	648,877	825,834	754,157
Net Pension Liability (\$000)	(122,594)	(121,827)	(130,851)	(2,427)	(130,643)
Percentage Funded ⁽¹⁾	82.3	83.6	83.2	99.7	85.2
Annual Covered Payroll (\$000)	81,037	83,746	87,868	90,179	92,810
Net Pension Liability as % of Annual Covered Payroll ⁽¹⁾	151.3	145.5	148.9	2.7	140.8
County Plan for the Fiscal Year Ended June 30					
	2018	2019	2020	2021	2022
	Valuation	Valuation	Valuation	Valuation	Valuation
Total Pension Liability (\$000)	478,828	515,666	542,985	575,977	614,805
Net Position (\$000)	440,606	478,198	494,207	627,069	564,138
Net Pension (Liability) Asset (\$000)	(31,068)	(37,469)	(48,778)	51,092	(50,667)
Percentage Funded ⁽¹⁾	93.5	92.7	91.0	108.9	91.8
Annual Covered Payroll (\$000)	119,686	123,090	129,605	134,649	138,538
Net Pension Liability (Asset) as % of Annual Covered Payroll ⁽¹⁾	26.0	30.4	37.6	(37.9)	36.6
(1) Based on Actuarial Value of Assets					
Source: Bolton Partners, Inc., Actuarial Valuation					

Other Post-Employment Benefits

In the financial statements for fiscal year 2018, the County implemented the provisions of Governmental Accounting Standards Board (GASB) Statement 75, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions.

The County's OPEB plan is a Cost-Sharing Multiple Employer Defined Benefit Healthcare Plan. Per Section 1.406B of Howard County Bill No. 14-2008, the County established an irrevocable trust for administering the plan assets and

paying healthcare costs on behalf of the participants. The Plan includes the County (consisting of the County government and Howard County Soil Conservation District) and its component units: Howard County Housing Commission, Howard Community College, Howard County Library, Howard County Economic Development Authority and Howard County Public School System.

The County provides a post-employment health insurance program in addition to pension benefits. These post-employment benefits are subject to change at any time. All employees who retire from the County may participate in the program. In order to be eligible, the retiree must have a minimum of fifteen years of County service and, immediately preceding retirement, have been enrolled in a medical, vision or prescription drug insurance plan offered to active employees of the County. The County will pay a percentage of the retiree's health insurance premium based upon these criteria. This percentage varies with the number of years of service attained by the employee. Other retirees who do not meet the eligibility criteria are permitted to participate in the retirees' health insurance program by paying the full premium at the group rate. The component units provide medical benefits to eligible employees who retire from employment with the entity. The eligibility requirements vary among different entities. Each entity pays a percentage of the health insurance premium based on certain criteria. In addition to medical benefits, the school system offers life insurance benefits to eligible retirees who have provided ten years of service with the school system and have retired from the Howard County Public School System.

The Plan's funding policy provides for the County to contribute to the trust the actuarially determined annual required contribution. During fiscal year 2022, the County contributed \$11 million to the trust. The County budget for fiscal year 2023 includes funding for pay-as-you go OPEB costs as well as \$11 million to the trust.

Based on the most recent actuarial valuation which was prepared as of January 1, 2020 and rolled forward to June 30, 2021, the actuarially calculated proportionate share of total OPEB liability as of the measurement date of June 30, 2021 was \$611.8 million and there was \$69.9 million of actuarial plan assets; therefore, the net OPEB liability for the County was \$541.9 million. The plan fiduciary net position as a percentage of the OPEB liability was 11.43%.

	Howard County Government *	Howard County Public Schools	Howard Community College	Howard County Library	Howard County Housing Commission **	Howard County Economic Development Authority (EDA) **	Total
As of June 30, 2022:							
Total proportion of net OPEB liabilities	\$ 541,916,704	\$ 1,224,705,936	\$ 48,309,689	\$ 26,183,114	\$ 1,843,881	\$ 921,941	\$ 1,843,881,265
Total proportion of OPEB assets	69,908,442	157,989,749	6,232,056	3,377,679	237,865	118,932	237,864,723
Total deferred outflows of resources from OPEB	150,829,227	349,817,757	12,493,555	7,223,002	552,133	313,707	521,229,381
Total deferred inflows of resources from OPEB	74,783,238	112,786,899	7,975,863	2,413,513	587,307	77,367	198,624,187
For the year ended June 30, 2022:							
Total OPEB expense	\$ 45,465,441	\$ 102,749,730	\$ 4,053,060	\$ 2,196,697	\$ 154,697	\$ 77,349	\$ 154,696,974

* Enterprise fund share of net OPEB liability, OPEB assets, deferred outflows, and deferred inflows is \$34,646,529, \$3,542,194, \$11,133,818, and \$3,891,561, respectively. The portion allocated to the Howard County Soil Conservation District for net OPEB liability, OPEB assets, deferred outflows, and deferred inflows is \$737,553, \$95,146, \$298,884, and \$61,894, respectively.

** EDA is not included in the ACFR due to immateriality. Also, Housing Commission has a different fiscal year end.

Actuarial Assumptions

The actuarial methods and significant assumptions used by the actuary are summarized in this note to conform to the disclosure requirements for GASB Statements 75.

Actuarial Assumptions

Actuarial Cost Method	Entry Age Normal
Projected Cash Flows	Discount rate of 2.41% applied to investments in fiscal years 2021 through 2041. 1.92% as of 6/30/21 based on the Bond Buyer General Obligation 20-year Bond
Municipal Bond Rate	Municipal Bond Index.
Interest Assumption	Equivalent single discount rate of 2.41% as of 6/30/21
Inflation	2.50%
Long-term Expected Real Rate of Return, Based on Geometric Means	3.17% for Equity investments (based on 65% target allocation) and 0.69% for Fixed Income investments (based on 35% target allocation), or a total of 3.86%
Healthcare Cost Trend Rate	4.00%

Accounting for Annual and Disability Leave

As of June 30, 2022, County employees paid from the General Fund, Special Revenue Funds, and Internal Service Funds accrued unused annual leave of \$32.2 million. Unused annual leave for County employees paid from the water and sewer enterprise fund was \$1.1 million. These amounts are based upon the average daily pay rate for the County employees at year-end. The annual leave amounts are recognized as liabilities in the County's financial statements. The disability leave amounts do not vest to the employees and are not reflected as liabilities.

Insurance and Risk Management

The County is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; environmental exposures; and natural disasters. The County, excluding the Howard County Public School System, has established two internal service funds to account for and finance its risks of loss. The County's risk-financing techniques include a combination of risk retention through self-insurance and risk transfer using a risk pool and commercial insurance. The Employee Benefits Self Insurance Fund is administered by the Office of Human Resources and provides full coverage for employee benefits and long-term disability claims. The Risk Management Self Insurance Fund is administered by Risk Management & Safety, a Division of the Office of Human Resources in the Department of County Administration. The fund provides protection for up to \$1 million for each liability claim, subject to Maryland tort cap limits. The fund also provides up to \$100,000 in coverage per each property and first party vehicle claim, and full coverage of workers' compensation claims.

The County belongs to the Local Government Insurance Trust ("LGIT"), a Maryland governmental insurance pool, which provides insurance for claims in excess of coverage provided by the County's Risk Management Fund. The County pays an annual premium to LGIT for this coverage. The County participates in LGIT in the areas of excess property, general and automobile liability coverages. LGIT was created to provide broader insurance coverages to Maryland's local governmental entities than those available from commercial insurers, coverages which would otherwise be unavailable, and loss control and risk management services. In 2022, the County did not incur a new claim that exceeded its self-insurance coverage. Over the past five fiscal years the county utilized coverage through LGIT for claims involving water damage, tornado/storm damage, a mobile equipment fire, and vehicle accidents for a total of \$1,231,723 during this period.

All funds and component units of the County, excluding the Howard County Public School System, participate in the risk management program and make annual payments to the internal service fund. These payments are calculated based on a combination of actuarial estimates and historical cost information. These amounts are needed to pay administrative costs, prior and current year claims and to establish a reserve for future claims and catastrophic losses.

At fiscal year-end 2022, the combined Net Position for the two internal service funds was \$19,157,720 and is reported as unrestricted. The combined claims liability of the two funds, \$23,389,970, is based on generally accepted accounting principles, which require that a liability for claims be reported if information prior to the issuance of the financial

statements indicates that it is probable that a liability has been incurred at the date of the financial statements and the amount of the loss is reasonably estimated.

Investment Policy

The County has established an investment policy that applies to all of its financial assets and can be found at <https://www.howardcountymd.gov/finance/investment-policy-reports>. This policy invests public funds in a manner that conforms to all applicable State and County statutes while meeting the County's investment objectives. The three prioritized objectives of the County's investment activities are (1) safety of principal through (a) diversification, (b) third-party collateralization and safekeeping and (c) delivery versus payment; (2) liquidity sufficient to meet all reasonably anticipated operating requirements; and (3) return on investment at least equal to the yield on U.S. Treasury bills of comparable duration. The Director of Finance is required to develop and maintain written administrative procedures as well as a system of controls to regulate the operation of the investment program. Compliance with these procedures and controls is audited as part of the County's annual financial audit.

As of June 30, 2022, the County had investments totaling approximately \$900.2 million. Of these investments, none have maturities in excess of one year, other than stripped-coupon U.S. Treasury securities that the County has purchased to provide for the payment of the final installments under its agricultural land preservation installment-purchase agreements. All investments were purchased to be held to maturity, and interest is paid throughout the term except as previously noted. The County has never entered into reverse repurchase transactions, and does not invest in derivatives.

The County's investment policy was updated in February 2019 and received a Certificate of Excellence from the Association of Public Treasurers of the United States and Canada. The County is a member of the Investment and Treasury Affinity Group of the Maryland GFOA, which periodically brings together public investment officers from large Maryland counties, Baltimore City and the State.

Capital Requirements and Debt Management

Capital Projects Funds

The following table presents the sources and uses of funds in the County's Capital Projects Funds for the fiscal years 2018 through 2022.

Sources and Uses of Capital Projects Funds (\$000)⁽¹⁾

	Fiscal Year Ended June 30				
	2018	2019	2020	2021	2022
Source of Funds:					
Proceeds of bonds and notes	\$ 172,332	\$ 107,662	\$ 107,962	\$ 132,311	\$ 50,083
Proceeds of refunding bonds	183,686	22,514	58,213	83,053	-
Bond Premium	49,186	12,219	21,198	19,937	4,589
Capital Leases	11,937	-	-	-	-
Local transfer tax	23,641	26,933	30,816	43,776	47,743
Pay-as-you-go funding	-	-	-	-	-
Revenues from other governmental agencies	23,243	15,289	10,025	10,943	7,157
Developer contributions	1,899	474	719	705	849
Other	9,149	10,478	7,629	9,955	17,648
Operating transfers in	25,869	34,960	44,141	42,465	30,945
Total Sources	\$500,942	\$230,529	\$280,703	\$343,144	\$159,015
Use of Funds:					
Capital projects expenditures	196,506	207,179	168,435	137,670	265,188
Operating transfers out	26,446	25,925	23,844	45,835	25,680
Payment to refunded bond escrow agent	219,086	24,007	58,132	95,237	-
Total Uses	\$442,038	\$257,111	\$250,411	\$278,742	\$290,867
Excess (Deficit) of Sources over Uses	58,904	(26,582)	30,292	64,402	(131,853)
Fund Balance at Beginning of Period	(17,302)	41,602	15,020	45,312	109,714
Fund Balance (Deficit) at End of Period	\$41,602	\$15,020	\$45,312	\$109,714	(\$22,138)

(1) The information in this table should be read in conjunction with the audited basic financial statements available at <https://www.howardcountymd.gov/finance/finance-audits>.

Board of Education Capital Projects

The following table presents the sources and uses of funds for the Board of Education's capital projects for the fiscal years 2018 through 2022.

Sources and Uses of Funds for Board of Education Capital Projects (000) ⁽¹⁾

	Fiscal Year Ending June 30				
	2018	2019	2020	2021	2022
Sources of Funds:					
Proceeds of County bonds and notes	\$ 54,858	\$ 36,280	\$ 28,677	\$ 59,196	\$ 77,299
Revenues from County and State	6,741	6,220	12,909	25,387	45,738
Other	100	244	270	17	20
Total Sources	\$ 61,699	\$ 42,744	\$ 41,857	\$ 84,600	\$123,056
Uses of Funds:					
Capital projects expenditures	63,212	37,053	42,254	89,716	122,142
Total Uses	\$ 63,212	\$ 37,053	\$ 42,254	\$ 89,716	\$122,142
Excess (Deficit) of Sources over Uses	(1,513)	5,692	(398)	(5,115)	914
Fund Balance at Beginning of Period	4,282	2,769	8,460	8,062	2,947
Fund Balance at End of Period	\$ 2,769	\$ 8,460	\$ 8,062	\$ 2,947	\$ 3,861

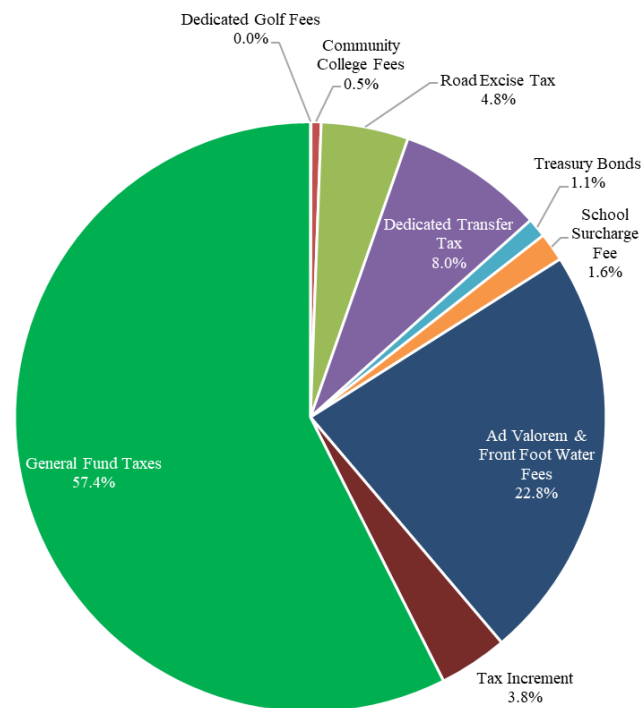
⁽¹⁾ This table should be read in conjunction with the audited basic financial statements of the Board of Education.

Source: Howard County Public School System Office of Finance

Composition of Debt

The chart below presents how proceeds of outstanding County bonds were used as of June 30, 2022.

**Debt by Funding Source as of 6/30/2022
(Principal Only)**



Capital Budget and Program

The following table presents the County's adopted capital budget for fiscal year 2023 and program for fiscal years 2024 through 2028.

Capital Budget and Program (\$000)									
Program Title	Authorization			FY2024	FY2025	FY2026	FY2027	FY2028	5 Year Total
	Prior	FY2023	Subtotal						
Agricultural Preservation	\$170,608	\$0	\$170,608	-	-	-	-	-	-
Bridge Improvements	30,904	2,550	33,454	2,400	1,500	1,000	800	1,050	6,750
Community College	115,661	30,588	146,249	27,693	1,000	1,000	1,000	3,700	34,393
Fire	38,846	6,510	45,356	8,170	925	18,925	800	800	29,620
General County	726,126	101,496	827,622	67,808	22,480	22,660	37,117	19,906	169,971
Library	488	-	488	5,100	23,457	52,104	285	5,211	86,157
Police	5,015	1,250	6,265	-	-	-	-	-	-
Recreation & Parks	180,026	26,389	206,415	11,450	8,500	11,050	22,800	14,700	68,500
Road Construction	222,516	(1,180)	221,336	5,520	5,580	3,000	3,000	14,375	31,475
Road Resurfacing	80,467	13,000	93,467	12,500	12,500	12,500	12,500	16,750	66,750
School System	651,581	105,887	757,468	68,076	86,808	119,161	91,677	100,443	466,165
Sewer	266,268	31,785	298,053	37,380	25,770	19,150	13,870	14,430	110,600
Sidewalk/Curb Projects	34,809	7,549	42,358	9,725	6,850	4,975	5,075	5,225	31,850
Storm Drainage	187,252	22,922	210,174	18,979	12,450	9,650	8,550	7,550	57,179
Traffic Improvements	28,268	3,275	31,543	9,895	6,495	5,760	3,225	2,275	27,650
Water	125,054	28,480	153,534	24,273	30,340	14,833	16,860	8,480	94,786
Total	\$2,863,889	\$380,501	\$3,244,390	\$308,969	\$244,655	\$295,768	\$217,559	\$214,895	\$1,281,846

Debt Management Policy

Section 17-207 of the Local Government Article of the Annotated Code of Maryland requires each local government unit to adopt by resolution, motion or ordinance a local debt policy consistent with the Maryland Constitution, State law and the Howard County Charter. On October 5, 2009, the County adopted an updated debt management policy that establishes the processes employed in the management of its short- and long-term debt. The policy sets the parameters for issuing debt and managing outstanding debt. It provides guidance to decision makers regarding the timing and purposes for which debt may be issued, types and amounts of permissible debt, method of sale that may be used and structural features that may be incorporated. The County added long-term variable rate debt as an approved type of debt that can be issued. By establishing a debt policy, the County has recognized its binding commitment to full and timely repayment of all debt. The policy ensures that the County maintains a sound debt position and that its credit quality is protected. The policy is available on the County's website at <https://www.howardcountymd.gov/finance/bonds>.

In addition, the County adopted Build America Bonds ("BABs") – Direct Pay Procedures in March 2010 and Tax-Exempt Issuance Procedures in February 2012. The procedures ensure that the County does not expend bond proceeds for non-eligible costs or projects and establish document retention, semi-annual filing and on-going compliance guidelines.

Debt Capacity

Pursuant to Article VI of the County Charter and State law, the aggregate amount of bonds and other indebtedness of the County outstanding at any one time may not exceed 4.8 percent of the full market value of real property and personal property located within the County. In computing this percentage under the County Charter and State law, the following are excluded: (1) tax anticipation notes or other debts having a maturity not in excess of 12 months, (2) bonds or other debts issued or guaranteed by the County payable primarily or exclusively from taxes levied on or in, or other revenues of, special taxing areas or districts and (3) bonds and other debts issued for self-liquidating and other projects payable primarily or exclusively from the proceeds of assessments or charges for special benefits or services. Metropolitan District debt, which is payable primarily from water and sewer charges, does not constitute general obligation debt for the purpose of computing such percentage, and there are no other debt limitations applicable to Metropolitan District debt. For the purpose of determining whether refunding bonds issued under such

statute are within the legal debt limitation of the County, the amount of bonds refunded is subtracted from, and the amount of refunding bonds issued is added to, the aggregate of the County's outstanding bonds.

Shown below is a calculation of the County's legal debt capacity as of June 30, 2022, based on the County's estimated assessable base.

Legal Debt Capacity (\$000)	
Assessable Base at 6/30/2022	\$58,900,042,343
Assessable base limit on general obligation debt	\$2,827,202,032
Total outstanding debt to be applied against County Charter limit	\$1,383,713,668
Additional legal debt capacity	\$1,443,488,364

Description of Debt

Public Improvement Debt

The County issues public improvement debt to defray the costs of general County capital projects, including storm drainage, fire service, police, road construction, bridge, library, recreation and parks, school, community college, sidewalk and curb, intersection and signal improvement, and community renewal capital projects. Such debt is a general obligation of the County, and the County's full faith and credit and unlimited taxing power are irrevocably pledged to the punctual payment of principal of and interest on such debt when due and payable. Debt service on public improvement debt is payable primarily from general tax revenues; however, building excise taxes, school surcharge, broadband fees, environmental service fees, fire and transfer taxes are also used to pay debt service for certain types of capital projects.

Short-Term Construction Financing Program

The County issues tax-exempt bond anticipation notes (BANs) in order to provide interim financing for a portion of the cost of its ongoing capital projects. The notes are currently in the form of a line of credit and repaid with proceeds of the County's long-term bonds. The County typically issues its long-term bonds once a year in an amount corresponding to the amount expended for capital projects since its last bond sale and uses such bond proceeds to redeem outstanding notes and reimburse the capital projects fund. The outstanding amount of such notes as of December 31, 2022 was approximately \$76.3 million. The County intends to refund the outstanding BANs with the proceeds of the Bonds.

Landfill Closure and Post-Closure Care Cost

State and federal laws and regulations require the County to place a final cap on closed landfill cells and to perform certain maintenance and monitoring functions at cells for 30 years after closure. The County recognizes a portion of these estimated closure and post-closure care costs in each operating budget, based on cell capacity used.

The County ceased using the Alpha Ridge landfill as its primary waste disposal site in 1997, and now exports waste to a regional landfill in Virginia. The closure cap for a 70-acre cell at Alpha Ridge was completed and paid for in 2001. The County does not expect to use the remaining capacity in the foreseeable future.

Closure costs for the existing cell and post-closure care cost for the closed and existing cells at the Alpha Ridge landfill will approximate \$32.1 million. Actual costs may differ due to inflation or future design changes. As of June 30, 2022, the County has recognized \$25.3 million of these costs. The County intends to fund the remaining costs from bond proceeds and its annual Environmental Services Fund budget.

Metropolitan District

The County issues Metropolitan District debt to finance the costs of the County's water and sewer capital projects as well as its share of Baltimore City water and sewer capital projects. Such debt is a general obligation of the County, and its full faith and credit and unlimited taxing power are irrevocably pledged to the punctual payment of principal of and interest on such debt when due and payable. Debt service on Metropolitan District debt is payable from water and sewer revenues and other revenues.

WIFIA Loan

In May 2022, the County entered into a Loan Agreement with the United States Environmental Protection Agency (the "WIFIA Lender") for a loan up to \$75,000,000 (the "WIFIA Loan") to finance a portion of the costs of the Ellicott City Safe & Sound Plan project. The County has not yet drawn any funds under the WIFIA Loan. Prior to the date that funds are first drawn under the WIFIA Loan, the County will deliver a general obligation bond to the WIFIA Lender to evidence the WIFIA Loan. Such debt will be a general obligation of the County, and its full faith and credit and unlimited taxing power will be irrevocably pledged to the punctual payment of principal of and interest on such debt when due and payable.

Maryland Water Infrastructure Financing Administration

Under the Maryland Water Infrastructure Financing Administration's revolving loan program, the State has four outstanding loans to the County at interest rates that are below market. The loans are tax-exempt obligations that were primarily used to finance the expansion of the Little Patuxent Wastewater Treatment Plant and one financed the Holiday Hills sewer project. As with Metropolitan District debt, such debt is payable from water and sewer revenues and other revenues, but the full faith and credit of the County is also pledged to the payment thereof.

Agricultural Land Preservation Program

Through its agricultural land preservation program, the County finances the acquisition of development rights to a particular parcel of agricultural property by entering into an installment-purchase agreement with the property owner. Historically, under the terms of the installment-purchase agreement, the County paid the property owner semiannual interest payments for up to 30 years, and minimal portions of the installment-purchase price biennially until maturity. The rest of the purchase price for the development rights is paid at the end of the term with a balloon payment. Upon execution of an installment-purchase agreement, the County purchased stripped-coupon United States Treasury obligations in amounts sufficient to equal the balloon payment at the maturity of the installment purchase.

Under the current program, the County pays either five or ten percent of the purchase price at closing, with equal annual principal payments over 15 or 20 years with interest. The County acquires the development rights to the land in perpetuity. The County is using the 25 percent portion of the local transfer tax that is dedicated to agricultural land preservation and the County's share of the State transfer tax on agricultural land to fund this program.

Golf Course

In 1995, the County issued its Special Facility Revenue Bonds, 1995 Series A (the "Series 1995 Bonds") to finance construction of a public golf course and related facilities. The Series 1995 Bonds were refinanced with the issuance by the County of its Golf Course Refunding Revenue Bonds, 2003 Series A (the "Series 2003 Bonds"). In May 2012, the Series 2003 Bonds were redeemed by the County with issuance and sale of its Taxable Golf Course Refunding Revenue Note (Timbers at Troy Golf Course), Series 2012 (the "Series 2012 Note"), which was privately negotiated with a financial institution. Payment of the Series 2012 Note is secured by a pledge by the County of gross revenues generated by the golf course facility and a debt service reserve fund. If a deficiency exists in the debt service reserve fund, the County is obligated to restore the amount in such debt service reserve fund to the debt service reserve requirement of \$560,000 within 90 days, until the note has been paid in full. The County has never had to replenish the debt service reserve fund due to any deficiency. The Series 2012 Note and the obligations payable thereunder do not constitute a pledge of the County's full faith and credit or taxing power. The County's covenant to replenish the debt service reserve fund and to maintain the facility in first class operating condition is a general contractual obligation of the County. Since fiscal year 2017, the Golf Course has borrowed operating cash from the County General Fund.

Capital Leases

The County maintains leasing agreements with JP Morgan Chase Bank, N.A., and KeyBank for financing the acquisition of equipment. In 2021, the County issued Certificates of Participation to refinance the acquisition of equipment used in governmental programs. These lease agreements qualify as capital leases for accounting purposes and have been recorded at the present value of their future minimum lease payments as of the inception date. The future minimum lease obligations total \$24,963,351, and the net present value of these minimum lease payments as of June 30, 2022 was \$21,748,089.

Overlapping Debt

There are no incorporated towns, villages, municipalities or other subdivisions within the County boundaries having separate taxing authority. Thus there is no overlapping municipal debt in the County. However, the Columbia Association does have authority to issue debt which is funded via a fee. (See “Demography and Economy, Columbia” herein.)

Tax Increment Financing

On March 11, 2014 the County issued its first Special Obligation Tax Increment Financing (TIF) Bonds in the amount of \$17 million, with an overall true interest cost of 6.148%. The proceeds were used to construct a 704-space parking garage on 12.73 acres of land dedicated for commuter rail patrons. The County had previously designated the 12.73 acres as a Tax Increment Financing District, at the site of the MARC Savage Commuter Rail Station. The land is state-owned, thus no real property taxes were paid to the County for this property. However, County management anticipates opportunities for local economic development by putting tax-exempt property on the local tax roll while improving transportation infrastructure.

A companion special tax district has been created as a backup for the Special Obligation TIF bonds. Special taxes will be imposed on property owners located within the special tax district in any year where the tax increment collections are lower than the next year’s debt service obligation and TIF District expenses. The special taxes are also to be pledged for the repayment of the Special Obligation TIF bonds.

These bonds are not general obligation bonds of the County; rather they are special obligations of the County payable solely from the real property tax increment to be realized from the TIF District, any special taxes imposed and collected from the companion Special Tax District, and any Base Realignment and Closure (BRAC) Zone payments awarded by the State. The project was approved for designation as a BRAC Zone in June 2009. The total amount of pledged revenue is \$30,041,315. A reserve fund in the amount of \$1,678,465 was established as part of the debt issuance. This reserve will not be available for other purposes until the final maturity of the bonds in fiscal year 2044. Additionally, as of the end of fiscal year 2022, \$2,179 was held by an escrow agent for fiscal year 2023 debt service. Pledged revenues of \$1,057,806 were recognized in fiscal year 2022. The outstanding debt of \$16,525,000 is included in the primary government’s long-term debt on the Statement of Net Position.

The bond offering is part of an overall Public Private Partnership (P3) development project known as Annapolis Junction Town Center. When completed, the entire development project will be a comprehensive mixed-use State Transit-Oriented Development (TOD) and will include 100,000 square feet of Class A office space, 416 luxury apartment units, a 150-room hotel, 17,250 square feet of retail space and the 704-space parking garage (financed by the TIF). The project will also include two additional parking garages, to be funded privately, to separately support parking needs for businesses and residents.

On October 19, 2017, the County issued \$48,225,000 of Howard County, Maryland Special Obligation Bonds (Downtown Columbia Project), Series 2017 A. The total amount of pledged revenue is \$78,685,036. A reserve fund in the amount of \$3,921,283 was established as part of the debt issuance. This reserve will not be available for other purposes until the final maturity of the bonds in fiscal year 2047. Additionally, as of the end of fiscal year 2022, \$5,810 is being held by an escrow agent for fiscal year 2023 debt service. Pledged revenues of \$4,379,428, were recognized in fiscal year 2022. The outstanding debt of \$47,925,000 is included in the primary government’s long-term debt on the Statement of Net Position.

The development project consists of the redevelopment of a portion of the downtown area in the unincorporated master-planned community of Columbia, Maryland, one of the first master-planned communities in the United States.

Downtown Columbia consists of an approximately 391-acre downtown area in Columbia designated by the County Council and the County Executive of the County for development in the Downtown Columbia Plan, on February 3, 2010. Recognizing that additional housing in Downtown Columbia is fundamental to the economic future of Columbia, the Downtown Columbia Plan recommends the development of an aggregate total of up to 6,244 additional residential units of which, 656 to 2,296 units have been allocated to the Initial Stage of the Downtown Columbia Plan. The Downtown Columbia Plan also recommends the development of an aggregate total of 1.25 million square feet of retail (of which 300,000 to 676,446 square feet have been allocated to the Initial Stage of the Downtown Columbia Plan), 4.3 million square feet of office (of which amount 1,000,000 to 1,513,991 square feet have been allocated to the Initial Stage of the Downtown Columbia Plan), and 640 additional hotel rooms (at least 100 of which have been allocated to the Initial Stage of the Downtown Columbia Plan) to serve the present and future needs of the community, as well as connected street networks, upgraded major intersections, and structured parking to accommodate future uses and promote a “park-once” approach.

Conduit Debt

From time to time, the County has issued Industrial Revenue Bonds, Economic Revenue Development Bonds, Multi-family Rental Housing Revenue Bonds, Retirement Community Revenue Bonds and Recovery Zone Facility Revenue Bonds to provide financial assistance to private-sector entities for the acquisition and construction of industrial and commercial facilities deemed to be in the public interest. The bonds are secured by the property financed and are payable solely from payments received on the underlying mortgage loans. Upon repayment of the bonds, ownership of the acquired facilities transfers to the private-sector entity served by the bond issuance. Neither the County, the State nor any political subdivision thereof is obligated in any manner for repayment of the bonds. Accordingly, the bonds are not reported as liabilities in the County’s financial statements.

At fiscal year-end June 30, 2022, there were 18 series of conduit debt outstanding. The aggregate principal amount outstanding for the 10 series issued after July 1, 1996 was \$85,145,549. The aggregate principal amount outstanding for the 9 series issued prior to June 30, 1996 could not be determined; however, their original issue amounts totaled \$59,155,000.

The Howard County Housing Commission issued its \$13,655,000 Lease Revenue Bonds (Roger Carter Recreation Center), Series 2011 (the “Series 2011 Bonds”) in December 2011. The Commission used the proceeds of the Bonds to finance a portion of the costs of the design, development, construction, and equipping of a recreation center, an indoor swim center facility, and parking deck and related structures and site improvements (the “2011 Commission Project”) located on Ellicott Mills Drive in Ellicott City in the County. The 2011 Commission Project was constructed on an approximately 4.8-acre parcel of land owned by the Commission. The Commission and the County entered into a Lease Agreement dated as of December 1, 2011 (the “2011 Lease Agreement”), under which the Commission leased the 2011 Commission Project and the Leased Premises (as defined in the 2011 Lease Agreement) to the County.

The Howard County Housing Commission refunded its Series 2011 Bonds in May 2021, issuing \$10,860,000 Lease Revenue Refunding Bonds, Series 2021 (the “Series 2021 Bonds”). Lease payment revenues received under the 2011 Lease Agreement, as amended and supplemented by a First Amendment to Lease Agreement dated May 1, 2021 between the Housing Commission and the County, associated with the leasing of the Project and the Leased Premises to the County are pledged to pay debt service under the Trust Agreement. The amended Lease Agreement requires the County to make lease payments, which are calculated to be sufficient to pay when due the principal of and interest on the Series 2021 Bonds. The Lease Agreement is subject to appropriation and is not a general obligation of the County and does not constitute a pledge of the faith and credit or the taxing powers of the County.

Public Private Partnership (P3) Agreement

On October 16, 2018, the County executed a Project Agreement with Edgemoor-Star America Judicial Partners (ESJP) for the demolition of the Dorsey Building located at 9250 Judicial Way in Ellicott City and the construction and 30-year maintenance of an approximately 240,000 square foot circuit courthouse and a 690-space parking garage. The County paid Edgemoor-StarAmerica Judicial Partners (ESJP) \$78 million upon occupancy in July 2021. Annual availability payments, consisting of a fixed capital charge of \$6.6 million and a \$3.3 million facility management charge, subject to CPI escalation, will be made Fiscal Year 2022 through Fiscal Year 2057. The facility management charge is subject to unavailability and performance failure deductions.

Outstanding Long-Term Debt

As of June 30, 2022, the County had outstanding long-term debt presented below.

Outstanding Long-Term Debt as of June 30, 2022

	Dated Date	Issued (\$000)	Outstanding (\$000) ⁽¹⁾	Interest Rates (%)	Final Maturity
Consolidated Public Improvement BABs, Series C ⁽²⁾	03/16/10	39,405	39,405	5.00 - 5.55	02/15/30
Consolidated Public Improvement Project and Refunding, Series A	04/03/14	117,125	4,685	3.00 - 5.00	02/15/34
Consolidated Public Improvement Project and Refunding, Series A	04/22/15	184,195	14,290	3.00 - 5.00	02/15/35
Consolidated Public Improvement Project and Refunding, Series A	03/30/16	96,040	80,895	3.00 - 5.00	02/15/36
Consolidated Public Improvement, Series A	04/25/17	133,925	109,995	3.00 - 5.00	02/15/37
Consolidated Public Improvement Refunding, Series B	04/25/17	140,385	115,310	5.00	02/15/37
Consolidated Public Improvement Refunding, Series D	12/21/17	184,440	180,515	3.00 - 5.00	02/15/34
Consolidated Public Improvement Refunding, Series A	04/04/18	140,980	116,080	3.00 - 5.00	02/15/38
Consolidated Public Improvement Taxable, Series B	04/04/18	1,025	1,025	3.00	02/15/38
Consolidated Public Improvement Project and Refunding, Series A	05/29/19	133,630	104,510	2.75 - 5.00	08/15/38
Consolidated Public Improvement Project, Series A	05/07/20	117,230	108,840	4.00 - 5.00	08/15/39
Consolidated Public Improvement Project and Refunding, Series C	05/07/20	63,050	62,630	1.22 - 3.11	08/15/39
Consolidated Public Improvement Refunding, Series E	10/06/20	83,280	83,280	0.50 - 3.00	08/15/34
Consolidated Public Improvement Project, Series A	02/17/21	125,825	125,825	1.75 - 5.00	08/15/40
Consolidated Public Improvement Project, Series A	03/01/22	51,865	51,865	2.25 - 5.00	08/15/41
Total Long-Term Public Improvement Debt			\$1,199,150		
Maryland Water Infrastructure Financing Administration	01/29/02	22,000 ⁽³⁾	1,942	2.00	02/01/24
Maryland Water Infrastructure Financing Administration	10/01/08	1,089	425	2.30	02/01/29
Maryland Water Infrastructure Financing Administration	11/19/09	3,500	1,605	1.00	02/01/31
Metropolitan District Project and Refunding, Series B	11/17/11	36,245	510	3.00 - 5.00	08/15/41
Metropolitan District Project and Refunding, Series A	04/22/15	31,015	1,045	2.00 - 5.00	02/15/45
Metropolitan District Project and Refunding, Series A	03/30/16	26,190	23,385	3.00 - 5.00	02/15/46
Metropolitan District Project and Refunding, Series C	04/25/17	81,515	73,550	3.00 - 5.00	02/15/47
Metropolitan District Refunding, Series E	12/21/17	56,075	48,525	3.00 - 5.00	02/15/44
Metropolitan District Project and Refunding, Series C	04/04/18	38,150	35,155	2.50 - 5.00	02/15/48
Metropolitan District Project and Refunding, Series B	05/29/19	66,605	62,550	3.00 - 5.00	08/15/48
Metropolitan District Project, Series B	05/07/20	51,130	49,000	3.00 - 5.00	08/15/49
Metropolitan District Refunding, Series D	05/07/20	24,060	23,205	1.22 - 3.16	08/15/41
Metropolitan District Refunding, Series F	10/06/20	25,905	25,800	1.70 - 3.00	08/15/44
Metropolitan District Project, Series B	02/17/21	26,400	25,875	2.00 - 5.00	08/15/50
Metropolitan District Project, Series B	03/01/22	18,445	18,445	2.375 - 5.00	08/15/51
Total Water and Sewer Enterprise Fund Debt⁽⁴⁾			\$391,017		
Agricultural Land Preservation Program ⁽⁵⁾	1989-2022	112,359	41,194	1.00 - 8.60	08/15/41
Golf Course Refunding Revenue ⁽⁶⁾	05/30/12	5,400	650	2.475	08/15/22
Special Obligation (Annapolis Junction TIF)	03/11/14	17,000	16,525	4.80 - 6.10	02/15/44
Special Obligation (Downtown Columbia TIF)	10/19/17	48,225	47,925	4.00 - 4.50	02/15/47
Total Special Revenue Funds, Other Enterprise Fund and Special Obligation Debt			\$106,294		

(1) The outstanding amounts do not include bonds to be redeemed with the proceeds of refunding bonds previously issued by the County; such bonds to be redeemed are not considered as outstanding debt of the County for debt limitation purposes.

(2) The gross interest rate and debt service are shown, the County expects to receive a Federal Subsidy of \$5,956,637.

(3) This amount is the maximum that the County is authorized to draw down from the Maryland Water Infrastructure Financing Administration.

(4) The payment of the principal of and interest on this debt is to be made first from certain charges the County is authorized to levy within the Metropolitan District, but the full faith and credit of the County are also unconditionally pledged to such payment.

(5) This amount does not include a portion of these obligations in the aggregate principal amount of \$18,247,000, which will be paid in fiscal years 2023-2028 with proceeds of U.S. Treasury obligations purchased by the County.

(6) These bonds do not constitute a pledge of the County's full faith and credit or taxing power, but the County's covenant to restore the amount in the debt service reserve fund is a general contractual obligation of the County.

Schedules of Long-Term Debt Principal and Interest Payments

The following table presents the principal and interest payments for the County's long-term public improvement debt as of June 30, 2022. Debt service on the Public Improvement Bonds is shown in Appendix C.

Debt Service on Long-Term Consolidated Public Improvement Debt (\$000)

Fiscal Year	Principal ⁽¹⁾	Interest	BAB Subsidy ⁽²⁾	Total
2023	\$ 89,540	\$ 46,766	\$ (726)	\$ 135,580
2024	88,970	42,897	(726)	131,141
2025	90,625	39,086	(637)	129,075
2026	87,955	35,305	(545)	122,715
2027	85,750	31,494	(446)	116,798
2028	83,160	27,664	(344)	110,480
2029	79,950	23,822	(235)	103,536
2030	77,995	20,290	(121)	98,165
2031	74,850	16,880	-	91,730
2032	69,725	13,621	-	83,346
2033	64,080	11,156	-	75,236
2034	59,800	8,818	-	68,618
2035	54,110	6,932	-	61,042
2036	48,535	5,445	-	53,980
2037	44,610	3,901	-	48,511
2038	36,205	2,462	-	38,667
2039	27,470	1,350	-	28,820
2040	20,495	645	-	21,140
2041	11,880	218	-	12,098
2042	3,445	45	-	3,490
Totals	\$1,199,150	\$338,797	(\$3,779)	\$1,534,168

(1) Includes mandatory sinking fund redemption payments on term bonds.

(2) BABs subsidy is subject to a reduction of 5.7% due to sequestration as described below.

The Internal Revenue Service released guidance stating that due to federal budget sequestration, federal direct credit subsidies for ARRA bonds are subject to reduction beginning October 1, 2020 and extending until September 30, 2030. The amount of the reduction is 5.7% of the August 15, 2022 and February 15, 2023 interest payments, or approximately \$20,686 each.

The following table presents the principal and interest payments for the County's self-liquidating long-term debt, as of June 30, 2022. Debt service on the Metropolitan District Bonds is shown in Appendix C.

Debt Service on Self-Liquidating Long-Term Debt (\$000)

Water and Sewer Enterprise Fund (Metropolitan District and Maryland Water Infrastructure Financing Administration) ⁽¹⁾				Agricultural Land Preservation Program ⁽²⁾			Special Recreation Facility (Golf Course) Enterprise Fund		
Fiscal									
Year	Principal ⁽³⁾	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
2023	\$ 15,114	\$ 13,755	\$ 28,869	\$ 3,758	\$ 2,182	\$ 5,940	\$ 650	\$ 3	\$ 653
2024	14,522	13,158	27,681	13,988	2,098	16,086	-	-	-
2025	14,507	12,449	26,956	3,758	1,225	4,983	-	-	-
2026	15,035	11,772	26,807	4,319	1,119	5,438	-	-	-
2027	15,524	11,065	26,589	8,983	833	9,816	-	-	-
2028	15,362	10,356	25,718	5,896	567	6,463	-	-	-
2029	16,037	9,647	25,684	3,738	340	4,078	-	-	-
2030	14,725	8,984	23,709	3,324	255	3,579	-	-	-
2031	15,221	8,392	23,613	3,324	177	3,502	-	-	-
2032	15,395	7,780	23,175	1,397	120	1,518	-	-	-
2033	15,725	7,160	22,885	1,131	97	1,228	-	-	-
2034	15,925	6,612	22,537	1,131	77	1,208	-	-	-
2035	16,270	6,103	22,373	1,022	58	1,079	-	-	-
2036	16,610	5,614	22,224	780	42	822	-	-	-
2037	17,160	5,132	22,292	780	29	810	-	-	-
2038	15,885	4,637	20,522	555	19	575	-	-	-
2039	14,400	4,207	18,607	401	14	414	-	-	-
2040	14,840	3,773	18,613	401	10	410	-	-	-
2041	15,300	3,320	18,620	401	6	406	-	-	-
2042	12,980	2,850	15,830	353	2	354	-	-	-
2043	12,320	2,461	14,781	-	-	-	-	-	-
2044	12,705	2,082	14,787	-	-	-	-	-	-
2045	12,375	1,688	14,063	-	-	-	-	-	-
2046	11,355	1,321	12,676	-	-	-	-	-	-
2047	10,560	956	11,516	-	-	-	-	-	-
2048	9,610	621	10,231	-	-	-	-	-	-
2049	7,765	320	8,085	-	-	-	-	-	-
2050	4,750	144	4,894	-	-	-	-	-	-
2051	2,115	53	2,168	-	-	-	-	-	-
2052	925	14	939	-	-	-	-	-	-
	\$391,017	\$166,426	\$557,443	\$59,441	\$9,271	\$68,711	\$650	\$3	\$653

(1) Excludes administrative fees of five percent of total debt service over the total loan period for the Maryland Water Infrastructure Financing Administration debt.

(2) This amount includes obligations in the aggregate principal amount of \$18,247,000 which will be paid in fiscal years 2023 - 2028 with proceeds of U.S. Treasury obligations purchased by the County.

(3) Includes mandatory sinking fund redemption payments on term bonds rounded to the nearest dollar.

The following table presents the principal and interest payments for the County's special obligation long-term debt, as of June 30, 2022.

Debt Service on Special Obligation Long-Term Debt							
Fiscal	Special Obligation (Annapolis Junction TIF)			Special Obligation (Downtown Columbia TIF)			
	Year	Principal	Interest	Total	Principal	Interest	Total
	2023	\$ 175,000	\$ 989,765	\$ 1,164,765	\$ 100,000	\$ 2,090,219	\$ 2,190,219
	2024	205,000	981,365	1,186,365	485,000	2,086,219	2,571,219
	2025	240,000	971,525	1,211,525	465,000	2,066,819	2,531,819
	2026	275,000	957,605	1,232,605	875,000	2,048,219	2,923,219
	2027	315,000	941,655	1,256,655	1,100,000	2,013,219	3,113,219
	2028	360,000	923,385	1,283,385	1,175,000	1,969,219	3,144,219
	2029	405,000	902,505	1,307,505	1,250,000	1,922,219	3,172,219
	2030	455,000	879,015	1,334,015	1,325,000	1,870,656	3,195,656
	2031	510,000	852,625	1,362,625	1,400,000	1,816,000	3,216,000
	2032	565,000	823,045	1,388,045	1,475,000	1,758,250	3,233,250
	2033	625,000	790,275	1,415,275	1,575,000	1,697,406	3,272,406
	2034	690,000	754,025	1,444,025	1,650,000	1,632,438	3,282,438
	2035	760,000	714,005	1,474,005	1,750,000	1,564,375	3,314,375
	2036	835,000	667,645	1,502,645	1,850,000	1,487,813	3,337,813
	2037	915,000	616,710	1,531,710	1,925,000	1,406,875	3,331,875
	2038	1,005,000	560,895	1,565,895	2,050,000	1,322,656	3,372,656
	2039	1,095,000	499,590	1,594,590	2,725,000	1,232,969	3,957,969
	2040	1,195,000	432,795	1,627,795	2,900,000	1,113,750	4,013,750
	2041	1,300,000	359,900	1,659,900	3,125,000	983,250	4,108,250
	2042	1,410,000	280,600	1,690,600	3,350,000	842,625	4,192,625
	2043	1,530,000	194,590	1,724,590	3,600,000	691,875	4,291,875
	2044	1,660,000	101,260	1,761,260	3,850,000	529,875	4,379,875
	2045	-	-	-	4,125,000	356,625	4,481,625
	2046	-	-	-	3,650,000	171,000	3,821,000
	2047	-	-	-	150,000	6,750	156,750
		\$16,525,000	\$15,194,780	\$31,719,780	\$47,925,000	\$34,681,319	\$82,606,319

Rapidity of Long-Term Debt Principal Repayment

The following table analyzes how much of the County's long-term public improvement debt outstanding as of March 7, 2023 is scheduled to be repaid over 20 years. This excludes \$76.3 million in short-term construction financing currently outstanding.

Rapidity of Consolidated Public Improvement Debt Principal Repayment					
On or before Fiscal Year	Before Issuance of 2023A Bonds		On or before Fiscal Year	After Issuance of 2023A Bonds	
	Amount (\$000)	% of Outstanding		Amount (\$000)	% of Outstanding
2028	436,460	39.33%	2028	448,965	37.95%
2033	803,060	72.37%	2033	831,195	70.27%
2038	1,046,320	94.30%	2038	1,094,530	92.53%
2043	1,109,610	100.00%	2043	1,182,930	100.00%

The following table analyzes how much of the County's long-term water and sewer enterprise fund debt outstanding as of March 7, 2023 is scheduled to be repaid over a maximum of 30 years. Note that this excludes Maryland Water Infrastructure Financing Administration loans.

Rapidity of Metropolitan District Debt Principal Repayment					
Before Issuance of 2023B Bonds			After Issuance of 2023B Bonds		
On or before Fiscal Year	Amount (\$000)	% of Outstanding	On or before Fiscal Year	Amount (\$000)	% of Outstanding
2028	73,075	19.57%	2028	74,550	19.12%
2033	149,610	40.06%	2033	152,895	39.22%
2038	231,460	61.98%	2038	237,065	60.81%
2043	301,300	80.68%	2043	309,810	79.47%
2048	357,905	95.83%	2048	369,960	94.90%
2053	373,460	100.00%	2053	389,845	100.00%

Long-Term Debt Ratios

The following table presents the County's net long-term public improvement debt per capita and ratios of net long-term public improvement debt to assessed value and to per capita personal income at the end of the last five fiscal years.

Long-Term Consolidated Public Improvement Debt Ratios						
Fiscal Year Ended June 30	Net Long-Term Debt (\$000)	Estimated Population (000) ⁽¹⁾	Assessed Value (\$000)	Per Capita	Net Long-Term Debt	
					As % of Assessed Value	As % of Personal Income ⁽²⁾
2022	\$1,383,714	339	\$58,900,042	\$4,082	2.35	4.87
2021	1,312,240	334	56,994,790	3,929	2.30	4.69
2020	1,262,704	330	55,178,322	3,826	2.29	4.80
2019	1,107,025	326	53,412,616	3,393	2.07	4.41
2018	1,064,880	321	51,518,005	3,316	2.07	4.23

(1) Source: Howard County Department of Planning and Zoning.
(2) Source: Howard County Budget Office

The following table presents the County's debt service expenditures for long-term public improvement debt as a percentage of current revenues. The County policy is to limit debt service to 10% or less of current revenues in the General, Environmental Services and Fire Tax Funds.

Long-Term Debt Service as Percentage of Current Revenues					
Fiscal Year Ended June 30	Public Improvement Debt Principal (\$000)	Public Improvement Debt Interest (\$000)	Public Improvement Debt Service (\$000)	Current Revenues (\$000)	Debt Service as % of Current Revenues
2023 Budget	\$87,950	\$45,959	\$133,909	\$1,565,129	8.56
2022	84,612	55,472	140,083	1,493,832	9.38
2021	73,269	46,474	119,743	1,436,393	8.34
2020	71,185	47,328	118,513	1,410,908	8.40
2019	63,010	46,709	109,719	1,231,900	8.91
2018	60,901	39,057	99,957	1,187,664	8.42

Future Financing Plans

The County's debt policy is circumscribed by the legal debt margin for general obligation indebtedness established in the County Charter. In addition, the County's budget policy is reviewed annually by a committee of financially experienced residents that recommends the amount of debt that the County can afford. As of June 30, 2022, the County had authorized, unissued General County Bonds of \$359,223,061, Metropolitan District Bonds of \$172,957,038 and Tax Increment Finance Bonds at fiscal year-end of \$41,775,000. These amounts include bonds authorized to redeem the \$76.3 million in outstanding short-term construction financing debt. It is the County's intent to use such unissued bonds to fund future capital projects. The County currently expects to authorize \$70 to \$90 million of public improvement bonds annually for new capital projects identified in the annual Capital Budget and annually issue approximately \$40 to \$65 million of Metropolitan District bonds. Where direct benefits from capital improvements can be identified to specific users, the County intends to finance such improvements from user charges.

Government and Infrastructure

General

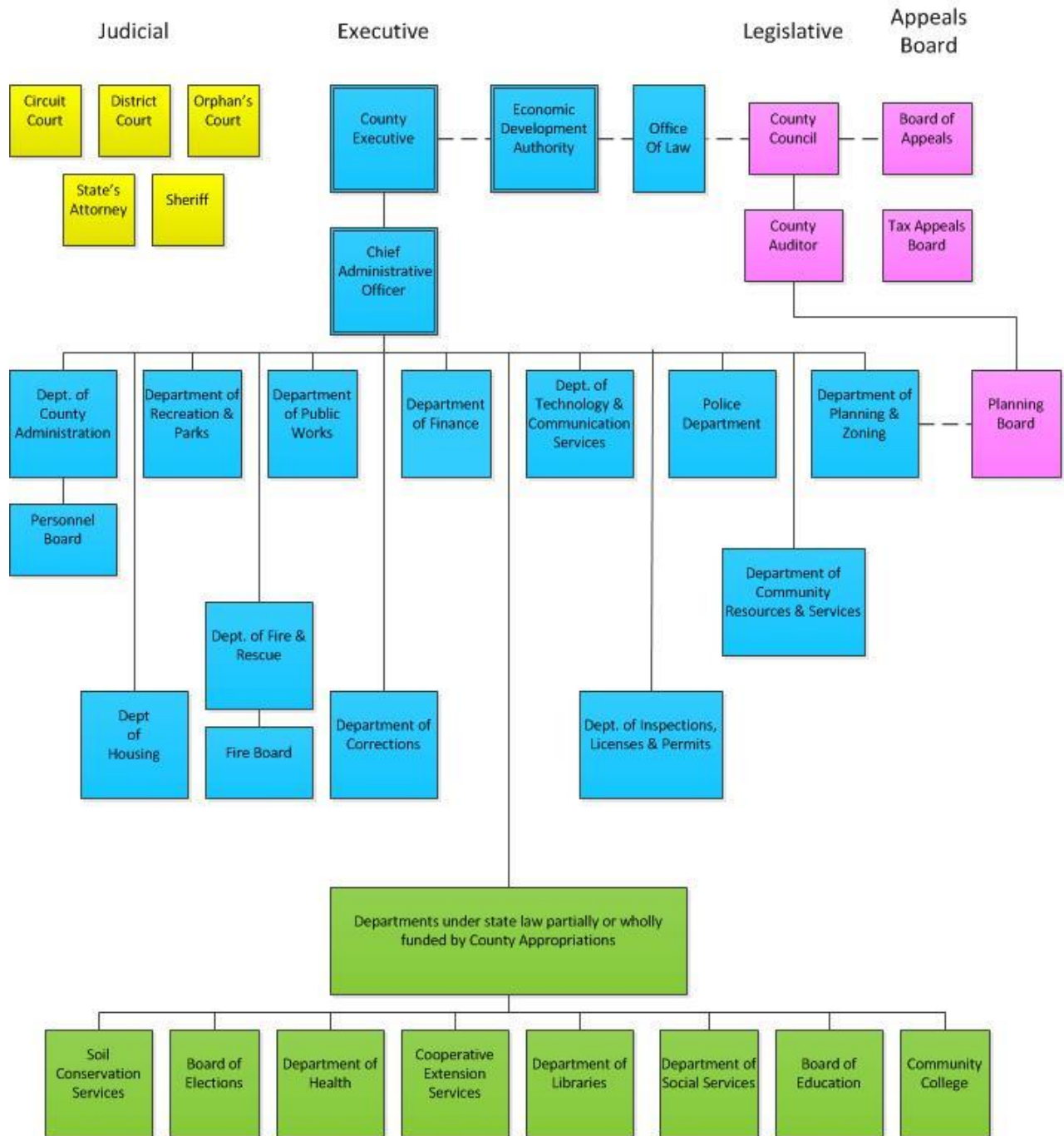
Under the County Charter adopted in 1968, the County's executive functions are vested in the elected County Executive, who is the chief executive officer of the County and is responsible for the proper and efficient administration of the affairs of the County. The Council, which consists of five members elected by district, is the County's legislative body. The County Executive is limited to two consecutive four-year terms, and Council members are limited to three consecutive four-year terms.

Each Council member has one vote, and a simple majority vote is sufficient to pass ordinary legislation. Emergency bills require the vote of two-thirds of the members of the Council as do Council actions to override a veto by the County Executive. A majority of the members of the Council constitute a quorum for the transaction of business, except that for emergency sessions two-thirds of the members of the Council are required. Except as otherwise provided in the County Charter, all laws stand enacted upon approval by the County Executive and take effect 60 days after their enactment, unless by affirmative vote of two-thirds of the members of the Council any such law is declared to be effective on a later date or is declared an emergency measure affecting the public health, safety and welfare, in which event it is effective from the date of its enactment. The Council elects a Chairperson and a Vice Chairperson from its membership at its first meeting in December of each year.

The Chief Administrative Officer performs such duties and exercises such general supervision over the offices and departments of the County government as the County Executive may direct and the Charter specifies. The Chief Administrative Officer acts as the chief budget officer, personnel officer, purchasing agent and central services officer of the County. In addition, the Chief Administrative Officer has been designated to perform the duties of the County Executive during the temporary inability of the County Executive to perform by reason of absence from the County or disability. County financial matters are administered through the Department of Finance by the Director of Finance. The Director of Finance is charged with the administration of the financial affairs of the County, which generally include the collection of State and County taxes, special assessments, Metropolitan District charges, fees and other revenues and funds of every kind due to the County; the enforcement of the collection of taxes in the manner provided by law; the custody and safekeeping of all funds and securities belonging to or by law deposited with, distributed to or handled by the County; the disbursement of County funds; the keeping and supervision of all accounts; the control of all expenditures on the basis of budgetary appropriations and allotments; the preparation of bond sales and advising on debt management; and such other functions as may be prescribed by directive of the County Executive or by legislative act of the Council.

The County Solicitor is appointed by the County Executive subject to confirmation by the Council. All other officials of the County government are appointed by, and serve at the pleasure of, the County Executive.

Howard County Government Organizational Chart



Executive, Administrative, Legislative and Education Officials

Executive

The Honorable *Dr. Calvin Ball* was elected November 6, 2018 to serve as Howard County's 10th County Executive. He was re-elected to a second term on November 8, 2022. He is a Maryland native and Columbia resident, where he and his wife Shani Ball, RN, BSN are proud parents of two daughters who attend and graduated from Howard County Public Schools. Dr. Ball holds a Bachelor of Arts in Philosophy and Religion from Towson State University, Master of Arts in Legal and Ethical Studies from the University of Baltimore, and Doctor of Education from Morgan State University, where he also taught doctoral level courses in topics including finance and budgeting as well as planning and management.

He made history in 2006 when he was elected as the youngest Council Chairperson in Howard County history. As County Executive, Dr. Ball remains dedicated to making our community a better, brighter place for future generations, while respecting taxpayer dollars and exercising sound fiscal management. Dr. Ball, a dedicated educator and certified mediator, continuously works to collaborate with all community stakeholders to create the very best Howard County for all.

Dr. Ball has been honored with numerous awards including the Michaeline R. Fedder Award for Public Health Legislator of 2015, the Marilyn J. Praisner Public Service Award, Daily Record's 2014 Very Important Professionals Successful by 40 Award, William Donald Schaefer Helping People Award, Louis Goldstein Award for Democratic Spirit, the Kittleman Award for Legislative Leadership, Community Champion of the Year Award, Jenkins Odoms, Jr., Freedom Fighter Award, Richard C. McCauley Transformative Leader Award, Humanitarian Award, 2018 Senator James Clark Award, 2019 President's Award from the Arc of Howard County, The Howard County Good Scout Award, 2022 Outstanding Leadership Award, and he has been named Best Elected Official by Howard Magazine for four consecutive years.

Angela Cabellon serves as Chief of Staff. She has served as the County's first Chief Innovation Officer and the Deputy Chief Administrative Officer since 2018. Ms. Cabellon initiated and oversaw the development of the county's first performance dashboard, the Howard County Data Analytics and Statistics Hub (HoCo DASH). She made more than \$1.8M available to support innovation and operations needs for non-profits. Ms. Cabellon oversaw the COVID-19 pandemic on behalf of the County Executive, ensuring a data-informed, people-driven response to policy and practice. Ms. Cabellon works on policy and initiatives related to health, social services, transportation, environmental sustainability, and workforce development.

Ms. Cabellon has worked in state and local government for more than a decade. She hailed from the Montgomery County Department of Health and Human Services where she served as the Social Services Officer and Deputy Chief of Children, Youth and Family Services, managing \$38M in social service programs funded by the Maryland Department of Human Services (DHS) and five local offices. Ms. Cabellon served as the Assistant Secretary for Policy and Program Management at DHS overseeing strategic initiatives on child welfare, child support, workforce development, the Affordable Care Act, and economic assistance.

As Senior Analyst in the Governor's Office of Policy, Ms. Cabellon prepared all education policy briefings for the Director of Policy and former Governor O'Malley while analyzing early learning, education, and workforce data. Ms. Cabellon was a Teach for America Corps Member in San Jose, California teaching Special Education English at Independence High School. She earned her Bachelor's degree from the University of Maryland, College Park and Master's in Public Policy from Harvard University's Kennedy School of Government.

Gary W. Kuc was appointed Howard County Solicitor effective July 1, 2015 and reappointed effective March 4, 2019. Prior to that, Mr. Kuc was a Senior Assistant County Solicitor in the Howard County Office of Law for six years, during which time he advised both branches of County government on a variety of subjects, and represented Howard County before federal and State courts and various administrative bodies. Before joining the County's Office of Law, Mr. Kuc was a Senior Assistant Attorney General for the State of Maryland for five years, and handled complex civil litigation in the Civil Division of the Attorney General's Office. Prior to his public service, Mr. Kuc was in private practice, as an associate attorney and then partner at Whiteford, Taylor & Preston, LLP, for seven years, and as an associate attorney at Semmes, Bowen & Semmes for three years. Mr. Kuc also was a law clerk to the Honorable Irma S. Raker, Court of Appeals of Maryland. Mr. Kuc holds a Bachelor of Arts in Political Science, Public Service Emphasis, from the University of California, Santa Barbara, and a Juris Doctor, *Magna Cum Laude*, from the Catholic University of America. He is admitted to practice in the Court of Appeals of Maryland, and is

admitted to practice in the U.S. District Court for the District of Maryland, the U.S. Court of Appeals for the Fourth Circuit, and the U.S. Supreme Court.

Administrative

Brandee Ganz will serve as the County's Chief Administrative Officer as of March 1, 2023. She has served as the County's Chief Information Officer for the past four years, where she managed more than 100 employees with the Department of Technology and Communication Services. During that time, she has overseen numerous projects and initiatives, helping to ensure the County's Information Technology (IT) needs and standards were met and maintained.

During her tenure at the Department, her team's focus has been to ensure the safety of employees during the COVID-19 pandemic, while keeping all County services safe and secure. Ganz led efforts to move the County's workforce to a remote environment, without service interruption to staff or residents.

With the need to move all government meetings online during quarantine, but still allow for transparency and public input, her team quickly built a digital platform allowing all meetings and events to be hosted virtually. This included County Council meetings, budget meetings, board meetings, and several townhall events to provide crucial information to the community.

Also, during this time, her team partnered with County Administration to launch the Transform Howard Initiative, which continues to bridge the digital divide within the County. This was evident as her team worked closely with the Howard County Public School System to enhance and build out their internet services, allowing all students the ability to connect into the classroom virtually.

Ms. Ganz is a life-long resident of Howard County. She attended Penn State and the University of Phoenix (MBA). She is a certified Project Management Professional and has her certifications in ITIL and Scrum master. She is a recent graduate of Leadership Howard County and is active in the community and coaches her daughter's softball team.

Rafiu O. Ighile was appointed Director of Finance effective September 7, 2020. Mr. Ighile is a Certified Public Accountant with an MBA who has more than 30 years of accounting experience in government, not-for-profit and for-profit organizations. He was most recently the Director of Finance and Administration for the City of Gaithersburg, where he oversaw the Finance, Budget and Procurement functions. Before joining the City of Gaithersburg, Mr. Ighile worked for Howard County Public School System (HCPSS) as their Chief Financial Officer. While working as CFO for the Howard County Public School System, he managed Finance, Budget, Benefits, and Technology functions. Mr. Ighile implemented the use of Chromebooks for the schools with a student population of more than 59,000 to ensure that all students easily had access to the technology needed for their education. He also previously served as the Deputy Director of Finance for Howard County Government where he established a Debt and Cash Management function for the County to effectively manage the debt issuance and investment portfolio with total assets of over \$1 billion. Mr. Ighile attended the University of Pennsylvania and The Wharton School for the Advanced Investment Management Program. He also serves on the Executive Board of both the Government Finance Officers Association (GFOA) and the Maryland GFOA Board of Directors.

Dr. Holly Sun became Howard County's Budget Administrator in January 2015. Dr. Sun has more than two decades of budget management experience at local governments, including revenues, operating budget, capital budget, and performance management. She previously served as Deputy Director of the Office of Management and Budget, Prince George's County and Budget Manager of the Maryland National Capital Park and Planning Commission. She has a PhD in Public Policy and Public Administration from George Washington University, and a Master in Public Policy from Duke University. She served on the Committee on Governmental Budgeting and Fiscal Policy of the Government Finance Officers Association (GFOA) for six years and was a member of the Board of Directors of Maryland GFOA.

Legislative

Howard County Councilwoman *Christiana Rigby* is a dedicated public servant and lifelong resident of Howard County. She was born and raised in District 3, growing up in the Columbia Village of Kings Contrivance.

After graduating from the Howard County Public School System, Rigby went on to study Environmental Science at the University of Maryland – Baltimore County (UMBC), with a focus on environmental policy. After graduating from UMBC, she started her career as a community organizer, where she honed her skills leading consumer protection

initiatives, strengthening environmental regulations, and fighting to safeguard employment opportunities for the LGBTQ+ community. When Rigby returned to Howard County to raise her family, she continued her service in the community through her work with local nonprofits and community organizations.

In 2018, Rigby was elected to serve on the Howard County Council for District 3, representing communities in Columbia, Savage, Jessup, Guilford, and North Laurel. In her first year, Councilwoman Rigby was unanimously elected Chair of the Howard County Council from 2018 to 2019, the youngest woman ever to hold that position. During her time on the County Council, Rigby has advocated for critical neighborhood investments and passed landmark legislation, particularly in the areas of educational equity, affordable housing, climate action, accessible transportation, and other community-enhancing efforts. She is especially proud of her collaboration with County Executive Ball to advocate for school construction in District 3. In 2022, Councilwoman Rigby was re-elected to serve a second term on the County Council.

Rigby lives in Columbia with her husband and their two children. As a parent and public servant, she is deeply committed to the wellbeing, success, and future of Howard County.

Deb Jung served as the District 4 Councilmember since 2018. Columbia has been her home for more than three decades and she raised a successful Wilde Lake graduate (Go Cats!). Deb brings to the Council her professional background as an attorney, years of civic engagement, and a passion for the community.

Deb has lived in Columbia for 35 years along with her husband, Ben, and now grown and flown daughter, Alyssa. Deb graduated from Severna Park High School, and she obtained a Bachelor of Arts in Political Science from Duke University and a Juris Doctorate from the University of Maryland School of Law.

Prior to serving on the County Council, Deb was a private practice attorney providing legal advice, training, and consulting to nonprofit organizations throughout Maryland. Earlier in her career, Deb was a litigation associate at Whiteford Taylor Preston in Baltimore, Maryland; General Counsel to the Close-Up Foundation, a civic education organization for high school students and teachers; and General Counsel to the Maryland Association of Nonprofit Organizations in Baltimore.

A longtime community leader, Deb served as Co-Chair of the Howard County Sesquicentennial Celebration Committee, Co-Chair of the Martin Luther King, Jr. Holiday Commission, as well as a five-year member of the Howard County Human Rights Commission. Deb served as President and helped found the Executive's Charity for the Arts, which was established to raise money for arts-related scholarships for Howard County residents.

In addition to her community work, Deb was an active parent volunteer in the Howard County Public Schools System (HCPSS), having spent many hours assisting with PTA activities and serving two years as the Booster Club President at Wilde Lake High School. She was a member of the HCPSS School Health Council and helped lead the Start School Later effort in Howard County to change high school start times for Howard County High School students.

Deb has been active in the women rights movement for decades, having worked for the National Organization for Women in the 80's, and is an outspoken advocate for the environment, our public schools, and our aging community.

Opel Jones is a loving husband and dedicated father. Dedicated to the community, Opel mentors, tutors, volunteers in his free time through his fraternity, and coaches youth football and youth baseball. He has a background in mathematics, higher education, computer science, and engineering, and recently became a published author. He served formerly as Second Vice President of the Howard County Democratic Central Committee as well as Human Rights Commissioner for Howard County, appointed by then County Executive, Ken Ulman.

Throughout the years, Opel has worked as an engineer, mathematics and statistics lecturer, development officer, and computer scientist, at several institutions and the federal government. He also served as Director of the Leadership Institute for several years at Hampton University, teaching leadership studies and developing leaders in addition to teaching mathematics and honors seminars. Currently, he is a mathematician and analyst.

Opel graduated from High Point High School in Prince George's County, earned the B.S. in mathematics from Hampton University, the M.S. in mathematics from Howard University, and the Ph.D. in mathematics also from Howard University. He is a Life Member of Alpha Phi Alpha Fraternity, Inc., initiated at Hampton University, and past president of the local Howard County chapter. His professional associations include the American Mathematical Society, the Mathematical Association of America, and the National Association of Mathematicians. Opel loves

music, football and baseball, reading, Sudoku puzzles, and is a lifelong practitioner of martial arts. He and his wife, Shaundra, are extremely proud parents of three: Opel II, Ivan, and Whitley!

Liz Walsh is a Mount Hebron Viking, Class of '89—just in time to be part of Hebron's first-ever girls' lacrosse team. She attended Georgia Tech on scholarship as a National Merit Scholar and graduated with honors in 1993 with a degree in Civil Engineering. After graduation Liz became a project engineer for a national general contractor where she bid and ran construction projects in the field. If all her projects had been like her last one—rebuilding an old-time swinging bridge over the Cedar Creek in Slaughter Beach, Delaware—Liz probably never would have applied to law school. But she did. Liz graduated from Georgetown Law, also with honors, in 2000. For nearly twenty years now, she has been a construction lawyer in practice at large, global law firms. She drafts and negotiates contracts to design, build and manage mega-construction projects and advises her general contractor and project owner clients as to their rights and responsibilities under those contracts and applicable law. She also tries cases, typically in arbitration. Since 2009 Liz has lived in historic Ellicott City. When it came time to raise her own family, she returned to her hometown, where her parents still live in their same house behind the old Enchanted Forest. She found a century-old four-square in the hills above Main Street and lives there now with her two children and their rescue German Shepherd. In 2018, Liz was elected to represent District One, which includes nationally-designated historic districts in Ellicott City and Elkridge, vast acreages of state park and other dedicated forestlands, and miles of streambanks along the Patapsco River and its smaller tributaries. Liz just completed her first term on the Council and will serve as Chair of the Zoning Board in the upcoming year.

David Yungmann has represented District 5 on the Howard County Council since 2018. He is one of five council members re-elected to a second term and is the sole Republican. In addition to serving on the County Council, he is a Realtor with his team based in Ellicott City.

When elected in 2018, David brought his 35 years of financial, real estate, and management experience to the County Council. These skills have been used to promote and achieve common sense solutions to resident and business concerns, often working with Democrat colleagues to deliver results. That collaboration has been key to cutting multiple proposed budgets and stopping proposed tax and fee increases. Education has always been a top priority, so David has secured increased funding for instruction as well as critical maintenance and construction. Our residents expect safe communities and David continues to back our law enforcement agencies with both resources and his support. He has been a leading voice against socio-economic-based school redistricting, breaking up community schools, wasteful spending, and policies that reduce property values or infringe on private property rights.

David has lived in Howard County since 1972. While living in Chatham and Mount Hebron, he attended public schools and graduated from Mt. Hebron High School in 1985. He attended Loyola University where he majored in Finance. His early career spanned years in commercial banking, mergers and acquisitions, corporate finance, management, and healthcare. For the past two decades, David has resided in Woodbine and worked as a real estate agent, leading his firm based in Ellicott City. He has two grown children who also attended public schools. His public service began supporting local schools, coaching sports, and getting involved in county non-profits. That community service grew, leading David to serve as a director for numerous non-profit and professional organizations, a PTACHC delegate for two schools, a community leader in several zoning/development matters, and positions in other school and community-based entities.

Craig Glendenning was appointed County Auditor effective September 4, 2012. Mr. Glendenning was previously the Assistant County Auditor with the Anne Arundel County Auditor's Office, and prior to that time held positions within the Maryland State Office of Legislative Audits. Mr. Glendenning is a Certified Public Accountant in the State of Maryland and is a member of the Maryland Government Finance Officers Association, the American Institute of Certified Public Accountants, the Institute of Internal Auditors, and the Association of Local Government Auditors. Mr. Glendenning has more than 25 years of auditing, finance, and budgeting experience in the government sector.

Education

Dr. Michael J. Martirano was named superintendent for the Howard County Public School System (HCPSS) in July 2018 after serving as interim superintendent since May 2017. Dr. Martirano has been an educator for more than 35 years. Prior to joining HCPSS, he most recently served as West Virginia state superintendent of schools, during which the state saw notable success in the areas of early childhood literacy, graduation rates and career technical education. He previously served as superintendent of St. Mary's County Public Schools (Maryland), and has a wide range of educational and administrative experience through his work as a science teacher, principal and visiting professor at Johns Hopkins University. In rejoining HCPSS, he returned to the system where he previously served as a Director of School Administration and to the county where he lived 19 years.

In 2017, Dr. Martirano was named a Distinguished West Virginian, the highest award given by the Governor of West Virginia. He also was named a “Chief Making A Difference” and one of 50 people “Shaping the Future of K–12 Education in America” in the 2014 and 2015 Annual Smart List Awards. Other honors include the 2009 Superintendent of the Year in Maryland, 2011 Jack Epstein Award for contribution to multicultural education in Maryland, Howard County NAACP Education Champion, 2019 Daily Record Most Admired CEO and 2020 Baltimore Business Journal Leader in Diversity. He holds a Doctorate of Education degree in school management and instructional leadership from Nova Southeastern University, and two Master of Education degrees and a Bachelor of Science degree from the University of Maryland.

Responsibilities and Services

County and Department of Education Employees

The following table presents the number of County (including Library, Community College and Housing Commission) and Board of Education full-time and permanent part-time employees for fiscal years 2018 - 2022 as authorized in the County budget.

County and Board of Education Employees

Fiscal Year	Public Safety	Other County	Board of Education	Total
2022	1,480	2,601	8,866	12,947
2021	1,467	2,736	8,561	12,764
2020	1,408	2,669	8,570	12,647
2019	1,381	2,741	8,297	12,419
2018	1,336	2,719	8,045	12,100

The County has experienced no work stoppages due to labor difficulties and considers its relationship with employees to be satisfactory. The County currently has collective bargaining with the following exclusive representatives and their bargaining units: (1) American Federation of State, County and Municipal Employees (“AFSCME”), which represents correctional officers and correctional dietary officers of the County’s Detention Center (Local 3080), a separate local representing blue collar workers of various County departments (Local 3085), Local 3888 representing blue collar supervisors of various County departments, and Local 1810 which represents employees in specific clerical and white collar classifications of various County departments; (2) International Association of Firefighters Local 2000, representing firefighters below the rank of captain; (3) Howard County Police Officers’ Association Lodge 21, representing sworn police officers below the rank of sergeant; (4) Howard County Police Supervisors’ Association Lodge 143, representing sergeants, and (5) Howard County Public Safety Dispatchers Association, which represents 911 dispatchers. The County has successfully negotiated contracts with unions. The agreements with the Fire Fighters (IAFF Local 2000), Police Supervisors (Lodge 143), and Police Officers (Lodge 21) expire on June 30, 2024. The remainder of the agreements (Dispatchers, Local 3080, Local 3085, Local 3888, and Local 1810) will also expire on June 30, 2024.

Most Howard County Public School System employees are represented by a bargaining unit. In total there are five bargaining units in HCPSS. The Howard County Education Association (HCEA), affiliated with the Maryland State Education Association and the National Education Association, has two bargaining units. The first, HCEA-Certificated represents teachers and other certificated non-supervisory personnel. The second, Howard County Education Association–Education Support Professionals (HCEA ESP) represents non-certificated, non-supervisory personnel such as clerical, secretarial, instructional, student, food and nutrition service, health, security assistants, educational interpreters, and central office non-supervisory staff. The American Federation of State, County and Municipal Employees (AFSCME - Local 1899) has one bargaining unit that represents non-certificated, non-supervisory personnel such as custodial, grounds, maintenance and warehouse staff. The Howard County Association of Supervisors and Administrators (HCASA) has two bargaining units. The first, HCASA-Certificated represents certificated supervisory personnel such as school-based administrators, leadership interns, athletics and activities managers, coordinators and instructional facilitators. The second, HCASA-Non Certificated Staff (NCS) represents nurses, cafeteria managers and as well as central office non-certificated supervisors.

Board of Education of Howard County

The Board of Education is a Component Unit of the County. The educational policies, procedures and programs of the public schools in the County are the responsibility of the Board of Education, which includes seven members elected by county residents and a student member, working with the County Superintendent of Schools appointed by the Board of Education. The County program is governed by the State Board of Education. Daily functions within the schools are the responsibility of the County Superintendent of Schools and his staff.

The Howard County Public School System offers a comprehensive education program, kindergarten through grade 12, with pre-kindergarten programs available in some schools. Academic support services and gifted programs are available in all schools and in all grades. Special education services are provided for identified students from birth through age 21.

For the 2022-2023 school year, the Board of Education exercises responsibility for 42 elementary schools, 20 middle schools, 12 high schools, and three education centers that accommodate approximately 58,000 students. The teacher-to-student ratio is presented in the following table.

Teacher to Student Ratio	
Kindergarten	1 professional to 22 students
Grades 1-2	1 professional to 20 students
Grades 3-5	1 professional to 26 students
Middle school	1 professional to 21.4 students
High school	1.4 professional to 21.4 students

The Strategic Call to Action (SCTA), Learning and Leading with Equity, underlies all Howard County School System initiatives and decisions in alignment with its mission, to ensure academic success and social-emotional well-being for each student in an inclusive and nurturing environment that closes opportunity gaps. The HCPSS vision is that every student and staff member embraces diversity and possesses the skills, knowledge and confidence to positively influence the larger community. The SCTA, mission and vision are supported by four overarching commitments:

- Value: Every HCPSS stakeholder feels empowered and rewarded in their roles and takes pride in cultivating the learning community.
- Achieve: An individualized focus supports every person in reaching milestones for success.
- Connect: Students and staff thrive in a safe, nurturing and inclusive culture that embraces diversity
- Empower: Schools, families and the community are mutually invested in student achievement and well-being.

Howard Community College

Howard Community College (HCC) is a public community college serving nearly 30,000 credit and noncredit students at its main campus in Columbia, Maryland, and in other locations. Since 1970, HCC has been helping build the workforce of the future by educating the students who will contribute to the businesses and organizations within Howard County.

HCC offers associate degrees and certificates built around academic areas such as arts, humanities, health sciences, engineering, business, and cyber technology. With associate degrees or related coursework, students have the opportunity to transfer to four-year colleges or universities to complete their baccalaureate degrees. Students also attend HCC to sharpen job skills, prepare for a new career, pursue professional training, or explore personal interests. HCC offers flexible scheduling with day, evening, and weekend courses, as well as online, hybrid, and accelerated learning formats.

HCC is governed by a board of trustees appointed by the Governor of Maryland. For fiscal year 2023, HCC's unrestricted budget reflects the following sources: 33% from tuition and fees, 31% from the County, 23% from the State, and 13% from auxiliary operations and other sources. HCC is a Component Unit of the County. HCC was one of only three community colleges to win the Malcolm Baldrige National Quality Award, the nation's only Presidential

Award for performance excellence, recognizing U.S. organizations and businesses that have shown an increasing drive for innovative solutions to complex challenges, visionary leadership and operational excellence. In addition, the college was the winner of the 2020 Bellwether Award at the Community College Futures Assembly for the cloud migration of HCC's administrative system. The award is given for programs or activities that have been designed and successfully implemented to improve efficiency and effectiveness at a community college.

Howard County Library System

An educational institution and allied agency alongside Howard County Public School System and Howard Community College, Howard County Library System (HCLS) delivers high-quality public education for all ages. Designated a national Four Star Library System by *Library Journal*, HCLS is the only four-star library system in Maryland among libraries with comparable budgets. HCLS' curriculum comprises three pillars: (1) Self-Directed Education through a collection available in print, audio and electronic formats; specialized online research tools; DIY tools for repairing, creating, and adventuring; framed photos and prints as part of its Art Education Collection; and tools to create, design, and invent as part of its makerspace; (2) Research Assistance & Instruction for individuals and groups of all ages taught or led by HCLS instructors and local experts; (3) Instructive & Enlightening Experiences through cultural and community center concepts, such as the Equity Resource Center; formal and informal partnerships such as A+ Partners in Education; and signature events including notable author appearances, Spelling Bee, and Battle of the Books.

HCLS is governed by a seven-member Board of Trustees, as noted in Maryland Education Code (§ 23-401). The HCLS Board forwards nominees to the County Executive, who appoints members to the Board of Trustees subject to approval by the County Council. HCLS' Operating Budget is funded by the County (89%), HCLS/grants (7%), and the Maryland State Library (4%). Capital projects are funded chiefly by the County, potentially supplemented with grant funding from the Maryland State Library.

Public Safety

The County Department of Police (the "Police Department"), administered by the Chief of Police, is responsible for enforcing State and County laws, rules, and regulations. The Police Department employs approximately 799 persons (which includes 509 sworn officers, 241 civilian employees, 49 school crossing guards) and has a fleet of 598 vehicles. These vehicles include: two armored rescue vehicles, two command posts, bus, eight motorcycles, two traffic support vehicles, six electric motorcycles and three all-terrain vehicles. The number of officers per 1,000 residents is approximately 1.5. Additionally, the Police Department has 8 Volunteer Auxiliary Officers, three Volunteer Mounted Horse Patrol and eight Volunteer Chaplains (all non-sworn).

Howard County Department of Fire and Rescue Services (the "Fire Department") partners highly-trained career and volunteer personnel to provide 24/7 emergency services to citizens, businesses, and visitors in and around Howard County at the direction of a Fire and EMS Chief who is appointed by the County Executive. These services include fire suppression and investigation, emergency medical services (including both basic and advanced life support), technical rescue, and hazardous materials mitigation. The Department operates from 14 stations located throughout the County, seven of which are also partnered with the County's six volunteer fire corporations.

In 2022, the Fire Department responded to over 36,870 incidents, approximately 74% of which involved providing emergency medical care. The Fire Department also provides stand-by medical coverage for large concerts, sporting tournaments, and public events. In addition, a wide variety of community risk reduction programs are managed that include a localized fire code, a crowd manager program, commercial and residential fire safety inspection services, a 'Safety House' elementary education fire prevention program, and a highly-successful community CPR program which includes curriculum in the public school system. The Fire Department is also designated by County Code as the lead agency for the Office of Emergency Management for Howard County and has responsibility for county-wide emergency planning, preparedness, and response.

The Howard County Department of Corrections is responsible for the operation of the Howard County Detention Center, Howard County Central Booking Facility, and the Howard County Pre-Trial Community Supervision Program. In partnership with the Serenity Center of Howard County, the Department manages the Community Services Program. The Detention Center has a bed capacity of 361. The Detention Center houses inmates with sentences up to 18 months as well as pre-trial defendants committed by the court. It also houses detainees from the U. S. Marshal Service. The Central Booking Facility processes anyone arrested in Howard County by State and Local law enforcement. After arrest processing, detainees are presented to a District Court Commissioner for an initial

appearance hearing. The facility processes approximately 3,000 arrestees annually. The Pre-Trial Community Supervision Program screens all offenders committed to the Detention Center for possible supervision in the community. The program supervises up to 50 offenders and uses a variety of supervision methods to include phone checks, in person reporting and GPS tracking. The Howard County Community Services Program supervises approximately 230 offenders annually ordered by the court to perform community service for a government or non-profit agency. The program places, supervises and reports on the progress of each person placed in the program. The Department of Corrections has 153 authorized personnel and 23 contractual personnel working in food service and medical services. The Department is accredited by the Maryland Commission on Correctional Standards.

Planning and Zoning

The Howard County Department of Planning and Zoning (DPZ) is responsible for comprehensively planning for growth, development, and conservation in the County. To accomplish this, DPZ undertakes many diverse activities: comprehensive planning; preparing growth projections; managing growth based on the adequacy of public facilities; enhancing existing communities and redeveloping older commercial-industrial areas; agricultural and historic preservation, environmental planning; development review; and the administration of zoning and subdivision regulations.

The County's General Plan, PlanHoward 2030, adopted in 2012, focuses on sustainability in terms of our environment, economy and the quality of life in our communities. PlanHoward 2030 retains and builds on the strong growth management system that was adopted following the 1990 General Plan. DPZ is currently leading a community outreach effort to create a new General Plan, called HoCo By Design. This Plan establishes a clear, long-range policy on how and where the County will develop and grow as it adjusts to evolving economic, environmental, and social conditions over the next 20 years. It informs many of Howard County's subsequent decisions on land use, transportation, open space, agriculture, community facilities, community character, historic preservation, housing, economic development, and quality of life.

The rural western 60% of the County is zoned to protect agriculture and environmental resources, promote the agricultural economy, and cluster limited residential development. In the urban eastern 40% of the County, planning policies encourage higher intensity employment areas, mixed-use redevelopment in Downtown Columbia and the U.S. Route 1 and Route 40 corridors, and increased housing densities. Mixed-use zoning on Route 1 has stimulated nine pioneer developments with over 4,000 housing units, as well as commercial uses. To create an urban center for the County, the Downtown Columbia plan, adopted in 2010, promotes redeveloping parking lots and underutilized land to add 6,244 new residences, 640 new hotel rooms, 1.25 million square feet of retail and 4.3 million square feet of office space. This is a 30 year plan now one-third of the way through its planning horizon. Much new residential and non-residential development has been built in Downtown Columbia over the last ten year with more on the way to achieve the plan's overall growth targets.

Adequate Public Facilities regulations, adopted in 1992, require proposed development to be tested for adequate schools and roads as a condition of plan approval. Milestones, incorporated into the legislation, require properties to move in an orderly and predictable manner through the development process. The County in turn adopts a six-year plan for its infrastructure, particularly schools and roads, to serve this pace of development. Based on PlanHoward 2030 and the County's Adequate Public Facilities legislation, residential development outside Downtown Columbia is restricted to 1,850 units per year. A cap of 100 units per year limits rural subdivisions and combined with an ambitious agricultural land preservation program, serves to redirect rural growth pressure into the County's eastern Planned Service Area for Public Water and Sewer.

As the transition from development occurring on vacant land to redevelopment of older built properties continues at greater levels, the County will be refining policies and developing new strategies for accommodating continuing business and housing growth in ways that sustain and enhance our quality of life, our economy and our natural and built environments. This is a major focus of HoCo By Design. It is anticipated that HoCo By Design will be adopted in 2023.

Inspections, Licenses and Permits

The goal of the Howard County Department of Inspections, Licenses, & Permits (DILP) is "A Quality Product, Fast & Friendly." A quality product ultimately means safe and healthy buildings and our aim is to achieve this in an efficient, customer-friendly manner.

DILP is responsible for the intake, processing, review and approval, issuance, and inspection of all licensing and permitting work related to the built and rental environment in the County. DILP accomplishes this through the cooperative and coordinated activities of four divisions within DILP: Operations; Licenses & Permits; Plan Review; and Inspections & Enforcement. This activity is done to assure public safety through the adoption and enforcement of the Howard County Building Code. This “code” includes the adoption of the International Building Code (IBC), the International Residential Code (IRC), the Life Safety Code (NFPA 101), the National Fire Prevention Code (NFPA 1), the National Electrical Code (NFPA 70), the Maryland Accessibility Code, and related Plumbing, Mechanical, Fuel Gas, and HVAC codes, as well as the Property Maintenance Code for Rental Housing (the International Property Maintenance Code).

By adopting up-to-date codes and standards, new buildings in the County will have better resilience and sustainability. Also, damage from hazards is mitigated before the hazard ever occurs since structures built to modern building codes and standards are better equipped and constructed to withstand the effects of natural and man-made disasters. Code-compliant structures are less likely to catch fire or be prematurely affected by decay, rot or the effects of nature and general wear and tear; they are also more energy efficient and environmentally friendly. In addition, should the effects of nature come to the County: fire; flood; high-wind; etc., these structures are more likely to withstand these effects with less damage than non-code-compliant structures.

DILP is also responsible for the County Coordinating Function for Damage Assessment (CCF-3) of the Howard County Comprehensive Emergency Response and Recovery Plan (CERRP). Following a disaster (e.g. fire, flood, tornado, etc.) DILP is responsible for assessing the level, nature and extent of the damage to individual structures; known to the Federal and Maryland Emergency Management Agencies (FEMA and MEMA) as “individual assistance,” or “IA.” Additionally, DILP coordinates the damage assessments from public buildings and infrastructures, known as “public assistance,” or “PA.” This work is required to first determine the extent of an event, as well as to begin the process of hazard mitigation and planning for the recovery and rebuilding process.

Recreation and Parks

The County Department of Recreation and Parks (DRP), administered by its Director, is responsible for the organization and conduct of recreational programs and the development and operation of parks and other recreational facilities in the County. County parks and programs are estimated to serve over two million visitors each year. In 2022 the County’s Land Preservation, Parks and Recreation Plan was completed and adopted by the County Executive and the County Council. The plan surveys current and expected needs for park facilities and recreation programs, outlines goals and offers strategies for implementation. Land acquisition for recreation areas and natural resource preservation is a critical element of the Plan. Land is purchased using federal, state and local dollars. DRP currently manages over 9,900 acres of parkland and open space, three community centers, an indoor pool, two community buildings, one nature center, one athletic center, one cultural center, an 18-hole golf course, and 26 active historic sites. DRP is one of only 196 recreation and parks agencies accredited through the National Recreation and Parks Association’s Commission for Accreditation of Park and Recreation Agencies. Financial information regarding the golf course is shown under “Financial Information, Special Recreation Facility Enterprise Fund” herein.

Housing and Community Development

The Department of Housing and Community Development (DHCD) strives to create strong, sustainable communities by fostering public and private partnerships to provide affordable housing resources for residents of all income levels. Through its use of the Community Renewal Program Fund, DHCD can support initiatives such as the Moderate-Income Housing Unit (MIHU) Rental and Homeownership Program, the Settlement Downpayment Loan Program (SDLP), County Rehabilitation Loan Program (RRR) and homebuyer education to provide affordable housing opportunities for low- and moderate-income families who live or work in Howard County. DHCD also administers funding for several federal and state programs, including Community Development Block Group (CDBG) and Home Investment Partnership Program (HOME), to provide loans and grants for special needs housing programs, rental assistance, rehabilitation loans and community facilities and programs.

Community Resources and Services

As the human service arm of County government, the Department of Community Resources and Services consists of nine offices: the Office of ADA Coordination, Office on Aging and Independence, Office of Children and Families, Office of the Local Children’s Board, Office of Consumer Protection, Office of Community Partnerships, Office of

Veterans and Military Families, Office of Human Trafficking Prevention and Office of Disability Services. It serves as the County's central coordinating unit for Human Trafficking prevention, is the lead agency for the County's Continuum of Care for homeless services; manages the Community Service Partnership program, which provides County funding to non-profit human service agencies; and administers federal, state and private source grants that support services to individuals and families in the community, including older adults, youth and homeless persons. The Department provides input into the planning processes of other departments by providing subject matter expertise in areas that involve or may impact traditionally vulnerable populations including older adults, people with disabilities, children, and survivors of human trafficking.

The Department also serves as the lead agency for mass care and shelter in the event of disaster. In collaboration with local private and public agencies, it plays an integral role in strengthening the effectiveness and efficiency of the County's overall human service delivery system. Staff support is provided to 10 boards and commissions: the Board to Promote Self-Sufficiency, Commission on Aging and Independence, Commission on Disability Issues, Commission for Women, Consumer Affairs Advisory Board, Local Children's Board, Early Childhood Advisory Council, Commission for Transitioning Students, Human Trafficking Prevention Coordination Council and the Veterans Commission.

Public Works

The County Department of Public Works (DPW), administered by its Director through five bureaus, is responsible for the programming, design, construction, operation and maintenance of public works facilities in accordance with the County's General Plan. DPW also provides for the administration, enforcement and inspection of site development construction activities.

The Bureau of Engineering is responsible for the design, inspection and construction of public works projects. The Bureau of Engineering also prepares engineering water and sewer plans and develops and implements the water and sewer program in the County capital budget. The Bureau of Engineering also acts as the County's agent in all functions related to the construction of roads, bridges, water, sewer, storm drainage, traffic control and underground private utilities in the public right of way. The Bureau of Engineering has been designated the responsibility of ensuring that Public Works' projects are constructed according to standards established by the County. These projects include both developer and capital type facilities such as storm drains, water systems, sewer facilities, roadways and bridges. The Bureau of Engineering manages all Underground Utility Permits and is the enforcement authority under the Grading Permits for erosion and sediment control.

The Bureau of Facilities is responsible for maintaining the daily operations of all County-owned and leased facilities which fall under the direction of the Director of Public Works. This responsibility includes building service and maintenance, technical expertise and management in the development of new facilities, existing space reallocation, control of energy use and costs, control of building service contracts, i.e. custodial services and corresponding costs to the County, and providing security guards and systems where necessary.

The Bureau of Highways is responsible for maintenance and repair of all County-owned roadways, bridges, drainage facilities, and other public roadway infrastructure. The Bureau of Highways responsibilities also include installation and maintenance of all traffic control devices, pavement markings, street signs, street lights, tree care, and snow removal.

The Bureau of Utilities is responsible for the operation, maintenance and construction of the County's water and sewer system within the Metropolitan District and Shared Sewerage Disposal Facilities. The Bureau of Utilities is operated as a public utility and is financially a self-supporting operation. Financial information regarding the system is shown under "Financial Information, Water and Sewer Enterprise Fund" herein.

The Bureau of Environmental Services is responsible for an integrated solid waste management system and watershed management efforts in accordance with local, state, and federal laws. The integrated solid waste management system includes curbside trash and recycling collection; the County's Alpha Ridge Solid Waste Management Center including the landfill, transfer station, residential drop-off center, and recycling center; and the contracts associated with the collections, processing, and disposal of the solid waste and recyclables. The watershed management program includes inspection and oversight of maintenance of existing stormwater management facilities, floodplain studies, an illicit discharge elimination program, stream restorations, and retrofitting stormwater management facilities. All programs include education and outreach. Financial information regarding the system is shown under "Financial Information, Special Recreation Facility Enterprise Fund" herein.

Water and Sewer System

The Metropolitan District is located in the eastern part of the County and encompasses over one third of the County's area. It functions as a single sanitary district for both water and sewer purposes. The County provides water and sewer services to 98.9% of the County residents located in areas of heavy residential and commercial population within the Metropolitan District. Little public water or sewer service is provided to County residents residing outside the Metropolitan District.

The County neither owns nor operates any water supply treatment facilities. Instead, it has entered into agreements with the City of Baltimore and the Washington Suburban Sanitary Commission for the purchase of water. The County currently purchases 85% of its potable water from Baltimore City and 15% from the Washington Suburban Sanitary Commission. Commitments from the County's water suppliers total over 41.5 million gallons per day (mgd) average daily flow and 62.7 mgd maximum daily flow. Improvements to the distribution system and storage facilities are under construction or included in the capital program in order to increase the service area within the Metropolitan District. The County signed a 40-year agreement with the City of Baltimore in 2017 guaranteeing water supply to the County. While the County's water system is being expanded to meet future demands, the County Department of Public Works closely monitors its water capacity.

The County is located in and served by two major watersheds: the Patapsco River watershed and the Patuxent River watershed. The sewer system is designed so that sewage from the northeastern part of the Metropolitan District flows into the Patapsco River watershed through four connections that lead to the Patapsco Treatment Plant in Baltimore City. Sewage from the southwestern part of the Metropolitan District flows into the Patuxent River watershed to the Little Patuxent Water Reclamation Plant. The Plant is located east of the community of Savage in the County, and provides tertiary treatment. A \$100+ million expansion/upgrade to the Plant was completed in 2012 to meet the State's requirements for Enhanced Nutrient Removal (ENR). The Plant recently completed another \$100+ million upgrade to its Biosolids Management Facilities in fiscal year 2021. The following table summarizes the overall sewage treatment capacity for the County:

County Sewage Treatment Capacity

Watershed	Current Flow (mgd)	Current Treatment Capacity (mgd)	Projected Treatment Capacity (mgd)
Patuxent	17.3	29.0	29.0
Patapsco	8.3	12.4	12.4

The County's rate of development requires effective management of the allocation of water and sewer capacity. The County policy allocates service on a "first-come, first-served" basis. This policy commits capacity only to parcels ready to be developed, allowing more orderly development with known allocation priorities and recovery of costs in a more orderly and timely manner. All County sewage treatment facilities meet current State Department of the Environment standards, and State approval is being obtained for the sewage treatment facility expansion.

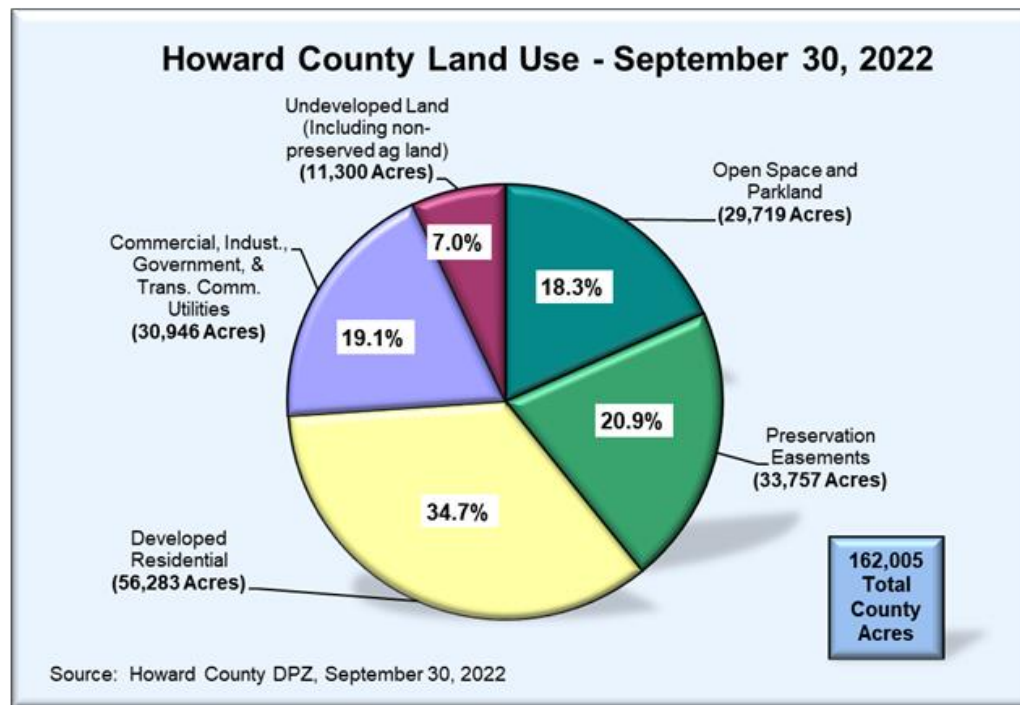
Technology and Communication Services

The vision of the Department of Technology and Communication Services is to connect the County's residents and workforce on a secure and stable environment. The Department has implemented a robust security program allowing for remote work and enhanced capabilities for Howard County Government. The Department provides security of our data using NIST guidelines and HIPAA, CJIS, FERPA and PCI compliance. The Department is responsible for maintaining and updating all technology services within the County, including: maintaining of the network, patching of all servers and endpoints. The Department maintains and support multiple applications within the county and has a cloud presence as well. The Department maintain a remote DR site which allows for quick delivery and backup for critical applications if needed. In addition, the Department also supports the County's phone system, maps, and cable administration for the public.

Economy and Demography

Size and Land Use

The County is 251 square miles in area, making it the second smallest in the State. The chart below presents the composition of land use in the County as of September 30, 2022.



Population

The County experienced rapid population growth beginning in the late 1960s with the development of the master-planned community of Columbia. The rate of growth has slowed over the last decade with the maturation of Columbia. The County's population density has increased from 247 persons per square mile in 1970 to 1,300 persons per square mile in 2020. The following table presents data on the population of the County and the State in the years 1970, 1980, 1990, 2000, 2010, 2020 and 2021.

Population				
	Howard County	County Density Per Square Mile	State of Maryland	County as % of State
2021	334,529	1,333	6,165,129	5.4
2020	328,200	1,308	6,055,802	5.4
2010	287,085	1,144	5,773,552	5.0
2000	247,842	987	5,296,486	4.7
1990	187,328	746	4,781,468	3.9
1980	118,570	472	4,216,446	2.8
1970	61,910	247	3,923,897	1.6

Source: Maryland State Data Center, Department of Planning

A large part of the County's recent growth has been the result of domestic and international migration. The following table presents population growth by component of change for selected larger counties and the State from 2010 to 2021. Compared to the counties listed and the State, the County has had the greatest percentage increase in population.

Net Migration

Place of Residence	2010 to 2021				Total Population		
	Natural Increase	Domestic Migration	International Migration	Total	2010	2021	Percent Change
Howard County	45,024	599	288	45,911	288,618	334,529	15.9%
Anne Arundel County	50,436	411	184	51,031	539,305	590,336	9.5%
Baltimore County	45,721	(3,880)	821	42,662	806,654	849,316	5.3%
Montgomery County	93,126	(12,443)	2,367	83,050	971,777	1,054,827	8.5%
Prince George's County	105,171	(15,142)	1,857	91,886	863,420	955,306	10.6%
State of Maryland	404,375	(19,871)	6,838	391,342	5,773,787	6,165,129	6.8%

Source: U.S. Department of Commerce, Bureau of Census, Population Division

The following table presents data on the age and sex composition of the County's population for the years 2010 and 2021.

Age and Sex Distribution

2010					2021				
Age Group	Male	%	Female	%	Age Group	Male	%	Female	%
Under 5	8,892	6.5%	8,554	6.0%	Under 5	9,874	6.1%	9,206	5.5%
5-19	32,284	23.6%	30,225	21.2%	5-19	35,449	21.9%	33,644	20.1%
20-44	44,869	32.8%	47,761	33.5%	20-44	51,635	31.9%	53,227	31.8%
45-64	39,123	28.6%	41,060	28.8%	45-64	44,351	27.4%	46,365	27.7%
Over 65	11,628	8.5%	14,970	10.5%	Over 65	20,557	12.7%	24,940	14.9%
Total*	136,795	100.0%	142,571	100.0%	Total*	161,866	100.0%	167,382	100.0%

*May not total 100 due to rounding

Source: U.S. Department of Commerce, Bureau of the Census, American Community Survey, 2017 - 2021

Education

The County's residents are among the best educated in the region. The following table presents the percentage of residents who are high school graduates or higher and college graduates or higher.

Level of Educational Attainment

County	% High School Graduate or Higher	% College Graduate or Higher
Howard County, Maryland	97.1	63.5
Anne Arundel County, Maryland	94.2	43.0
Baltimore County, Maryland	93.8	41.9
Montgomery County, Maryland	93.5	58.1
Prince George's County, Maryland	89.6	37.9
State of Maryland	92.9	43.5
United States	91.9	37.4

Source: U.S. Department of Commerce, Bureau of Census, American Community Survey, 2017 - 2021

Income

The County's median household income is the highest in Maryland and fourth highest of all counties in the nation. The following table presents the median household income for selected counties in the State in 2021.

Median Household Income

Howard County	\$133,267
Anne Arundel County	107,823
Baltimore County	80,456
Montgomery County	112,854
Prince George's County	90,182

Source: U.S. Census Bureau, 2021 American Community Survey 1-Year Estimates

The following table presents the top 15 affluent counties in the nation by their national ranking for median household income in 2021.

National Rankings by Median Household Income

Rank	County, State	Median Household Income
1	Loudoun, Virginia	\$153,506
2	Santa Clara, California	141,562
3	Fairfax, Virginia	134,115
4	Howard, Maryland	133,267
5	San Mateo, California	131,796
6	Douglas, Colorado	129,299
7	Nassau, New York	125,696
8	Arlington, Virginia	125,651
9	Somerset, New Jersey	124,764
10	Morris, New Jersey	122,962
11	Calvert, Maryland	122,266
12	Hunterdon, New Jersey	121,982
13	San Francisco, California	121,826
14	Rockwall, Texas	121,568
15	Forsyth, Georgia	118,814

Source: U.S. Census Bureau, 2021 American Community Survey 1-Year Estimates

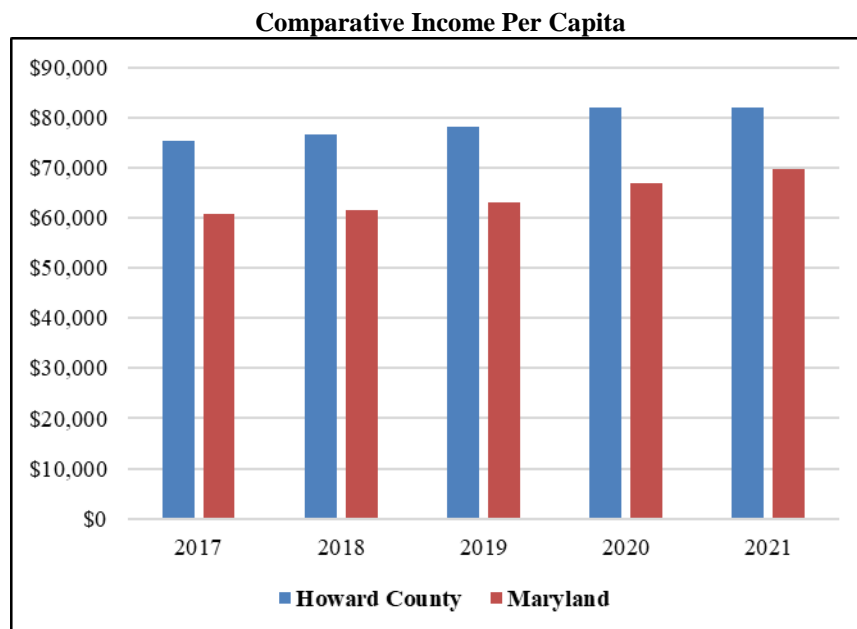
A comparison of County and Maryland personal income for the past five years available is presented in the following table.

Personal Income

	Howard County	Change	Maryland	Change	Howard
Year	Personal Income from Previous (\$000,000)	Year	Personal Income from Previous (\$000,000)	Year	County Proportion
2021	\$28,097	5.9%	\$417,942	5.9%	6.7%
2020	26,528	5.2%	394,764	4.4%	6.7%
2019	25,219	3.6%	377,972	3.1%	6.7%
2018	24,349	3.3%	366,738	3.0%	6.6%
2017	23,567	4.0%	355,995	3.5%	6.6%

Source: The Jacob France Institute, University of Baltimore.

The chart below presents the per capita income for the County and the State from 2017 through 2021.



Source: U.S. Department of Commerce, Bureau of Economic Analysis

Poverty is less of a problem in the County than in other counties in the Baltimore-Washington metropolitan region. The following table presents the percentage of the population living below the poverty level for selected jurisdictions in 2021.

Population Below Poverty Level	
County	Percentage Below Poverty Level
Howard County	5.5%
Anne Arundel County	5.6%
Baltimore County	9.3%
Montgomery County	7.0%
Prince George's County	9.2%
State of Maryland	9.2%
United States	12.6%

Source: U.S. Department of Commerce, Bureau of the Census, American Community Survey, 2017 - 2021

Housing

The County's housing stock predominately consists of owner-occupied single-family houses. The following table presents the distribution of housing in the County by type of structure as of 2021.

Distribution of Housing by Type		
Type of Structure	Number	Percent
Single-Family	96,771	77.9%
Multi-Family	27,484	22.1%
Total	124,255	100.0%

Source: U.S. Census Bureau, 2021 American Community Survey 1-Year Estimates

The following table presents the average and median sales price of housing in selected counties and the State as of December 2022. The median days on the market was fourteen.

Sales Price of Housing		
County	Average Price	Median Price
Howard County	\$520,000	\$475,000
Anne Arundel County	440,000	430,000
Baltimore County	320,000	310,000
Montgomery County	555,000	530,000
Prince George's County	400,000	405,000
Maryland	433,018	370,250

Source: Bright MLS, 2022.

The following table presents the distribution of housing by year of construction in selected counties in the State through 2021.

Age of Housing					
County	Year Structure Built				
	1939 or earlier	1940 to 1979	1980 to 1989	1990 to 1999	2000 or later
Howard County	2.4%	28.9%	23.3%	19.8%	25.6%
Anne Arundel County	4.8	41.4	15.9	17.0	21.1
Baltimore County	8.0	52.5	13.5	13.8	12.3
Montgomery County	4.4	45.8	19.8	12.0	17.8
Prince George's County	4.7	50.6	13.2	14.5	16.9

Note: Rows may not add due to rounding

Source: U.S. Department of Commerce, Bureau of the Census, American Community Survey, 2017-2021

The following table presents data regarding the size of housing in selected counties in the State in 2021.

Size of Housing			
County	Percentage of Housing with		Median Number of Rooms
	Four to Seven Rooms	Eight or More Rooms	
Howard County	45.6%	44.2%	7.0
Anne Arundel County	55.6%	36.7%	6.6
Baltimore County	58.6%	31.1%	6.3
Montgomery County	47.5%	36.9%	6.3
Prince George's County	53.2%	32.8%	6.1

Source: U.S. Department of Commerce, Bureau of the Census, American Community Survey, 2017 - 2021

The following table presents new construction and renovation activity throughout the County from 2018 through 2022, as illustrated by the number of building permits issued and their estimated cost.

Building Permits						
Calendar Year	Commercial		Residential		Non-Taxable	
	Permits Issued	Estimated Construction Cost (\$000)	Permits Issued	Estimated Construction Cost (\$000)	Permits Issued	Estimated Construction Cost (\$000)
2022	2,607	\$508,724	16,665	\$481,199	30	\$32,704
2021	2,331	473,445	13,276	315,347	46	33,600
2020	2,645	535,176	13,492	304,187	45	75,833
2019	606	818,182	2,994	239,780	15	137,008
2018	663	578,170	2,948	454,853	14	9,909

Source: Howard County Department of Inspections, Licenses and Permits

Economy

Jobs in the County

In the past four decades the County has changed from a farming community into a community of urban, suburban and rural components. This is due, in part, to the County's close proximity to the cities of Washington, D.C. and Baltimore, as well as to the County's active promotion of economic development. The following table presents full- and part-time jobs located in the County and the State, regardless of worker's place of residence. The first segment of the Services category, Trade, Transportation, and Utilities includes utilities, wholesale and retail, couriers and transit. The fourth, Professional and Business, includes professional and technical services, management and administrative services and waste management and remediation services.

Jobs in County and State				
Employment Categories	Howard County		State of Maryland	
	2021	2017	2021	2017
Construction	10,722	11,727	166,444	163,237
Manufacturing	8,818	8,239	109,819	107,551
Natural Resources and Mining	298	344	7,497	6,221
Services				
Trade, Transp. and Utils.	32,853	34,852	479,455	474,820
Information	3,163	3,791	34,847	37,289
Financial Activities	8,911	10,107	129,196	139,996
Professional and Business	59,665	45,926	495,203	447,444
Education and Health	19,365	19,317	427,925	443,146
Leisure and Hospitality	13,142	15,537	240,291	273,508
Other	4,188	4,476	101,492	91,388
Government	16,807	17,231	496,124	498,101
Other	12	-	495	-
Total	177,944	171,547	2,688,788	2,682,701

Source: Maryland Department of Labor, Licensing and Regulation

Workers Living in the County

The following table presents employment statistics, by employee's place of residence, for the County and the State in the last five years. The most recent statistics are through November 2022. The 2018 – 2021 County and State statistics are as of December.

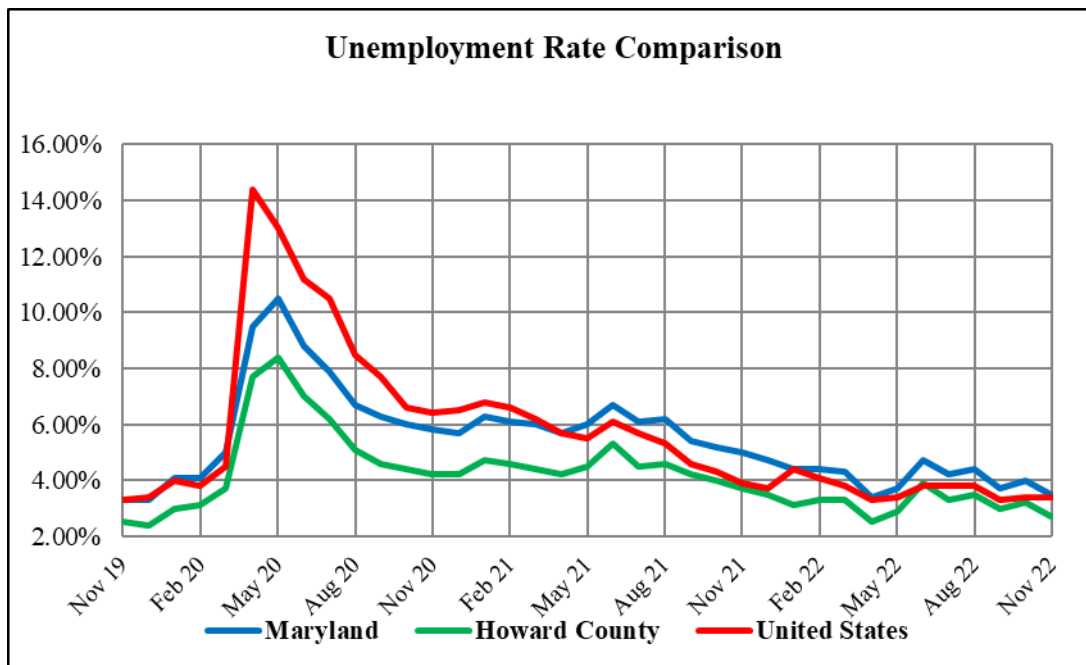
Employment by Residence

Year	Howard County		State of Maryland	
	Employment	Labor Force	Employment	Labor Force
2022	183,313	188,325	3,067,845	3,205,498
2021	177,734	183,268	3,015,271	3,187,023
2020	173,021	182,004	2,900,385	3,112,292
2019	186,843	191,006	3,174,515	3,288,322
2018	179,320	183,963	3,075,662	3,194,248

Source: Maryland Department of Labor, Licensing and Regulation

Unemployment

The chart below compares the unemployment rates in the County of the last three years with the rates in the Baltimore metropolitan region, Maryland and the United States.



Source: Bureau of Labor Statistics (BLS)

Local Firms and Employers

Listed below are the County's ten largest private employers in 2022.

Ten Largest Private Employers

Employer	Products or Activities	Employment
Johns Hopkins Applied Physics Laboratory	Research & Development Systems Engineering	7,200
Howard County General Hospital	Medical Services	1,800
Verizon	Telecommunications	1,700
Howard Community College	Higher Education	1,400
The Columbia Association	Non-Profit Civic Organization	1,200
Lorien Health Systems	Nursing Care	1,190
Coastal Sunbelt Produce	Produce Processing	1,050
Nestle Dreyer's Ice Cream	Frozen Desserts	835
Wells Fargo	Financial Services	810
Maxim Healthcare Services	Medical Staffing/Wellness	675

Source: Howard County Economic Development Authority, 2022.

Listed below are representative examples of other major private employers located in the County and the employment size in 2022. This list is presented for the purposes of demonstrating the diversity of employment opportunities in the County and is not intended to be a ranking of employers or an exhaustive list of all major private employers in the County.

Other Major Private Employers

Employer	Products or Activities	Employment
W.R. Grace & Co.	Chemical Research & Development	600
Oracle	Software Development	650
Sysco Food Services	Food Products Distribution	515
Enterprise Community Partners	Community Development	505

Source: Howard County Economic Development Authority, 2022.

Economic Development

The County is a major commercial center for the Washington-Baltimore region, with over 2,000 properties offering 78.2 million square feet of space to over 9,000 businesses. Several of the largest office and business parks in the Washington-Baltimore region are located in the County, including Columbia Gateway with 756 acres, Gateway Commerce Center with 164 acres, Maryland Wholesale Food Center with 400 acres and Rivers Corporate Park with 350 acres. The County is also home to Emerson Corporate Commons with 570 acres and Maple Lawn with 506 acres, both mixed-use developments with over 3 million square feet of office space. Downtown Columbia is experiencing substantial reinvestment by the County and Howard Hughes Corporation adding 4.3 million square feet of office space.

The following table presents statistics for the industrial and commercial space available in the metropolitan area of the County through the fourth quarter of 2022.

Industrial and Commercial Space					
Type of Space	Number of Buildings	Total Square Footage (000)	Total Available Square Footage (000)	Vacancy Rate	2022 Sq. Ft. Absorption (000)
Flexible	218	11,330	432	3.8%	237
Industrial	436	34,586	892	2.6%	126
Office	544	19,696	2,404	12.2%	(35)
Retail	818	12,729	423	3.3%	(143)
Total	2,016	78,341	4,151	5.3%	185

Source: CoStar Realty Inc.

Retail Sales

The fourth-largest shopping center in the region, the Mall in Columbia, is located in the County. At 1.4 million square feet, the Mall in Columbia features approximately 200 retail spaces, as well as both fast-casual and sit-down dining options. The property also includes four major department stores and a 14-screen movie theater. Ten village centers throughout Columbia feature over 1.0 million square feet of retail space. Other shopping centers in the County in excess of 100,000 square feet are Columbia Crossing, Long Gate Shopping Center, Chatham Station Shopping Center, Dobbin Center, Normandy Shopping Center, Savage Mill, Enchanted Forest Shopping Center, Snowden Square, Gateway Overlook I and Gateway Overlook II. These centers offer over 4 million additional square feet of leasable space. Downtown Columbia reinvestment is bringing an additional 1.2 million square feet of experiential retail to the area.

Columbia

Howard Research and Development began the development of Columbia with initial land purchases in 1962. Today, Columbia is an unincorporated city built on 14,000 acres in the east-central portion of the County. Columbia has approximately 106,000 residents, 5,700 businesses and 85,000 local jobs located in over 29 million square feet of commercial space. Ten village centers, each providing a variety of day-to-day shopping needs and community and professional facilities and services, are now in operation. In addition, the Mall in Columbia, Columbia Crossing, Dobbin Center and Snowden Square provide 3.5 million square feet of retail stores, shops and restaurants. The redevelopment of the Wilde Lake Village Center is complete. Howard Hughes Corporation is continuing a \$2.2 billion, 20-year re-development of downtown Columbia surrounding the Mall in Columbia that will include up to 6,200 residential units, 1.25 million square feet of retail space, 4.3 million square feet of office space and a hotel. To date, three office buildings totaling over 700,000 sf of office and retail space, and four apartment buildings, have been completed.

If Columbia were to become a municipality, the Maryland Constitution provides that the County's assessable base would not be affected. Services provided by the Columbia Association for Columbia residents, which include primarily provision of recreational facilities and maintenance of open space areas, are separate and distinct from the services provided by the County and are paid for through separate assessments made annually by the Columbia Association against residential and commercial property located in Columbia and facility user fees.

As of June 30, 2022, the Columbia Association had long-term debt of \$31.1 million in aggregate principal amount. As additional facilities are constructed, the amount of debt of the Columbia Association may increase. The interest on the Columbia Association's debt is not tax-exempt. Payments on such property assessments are not deductible for federal income tax purposes, and liens for such property assessments are subordinate to liens for State and County real property taxes.

Legal and Miscellaneous

Approval of Legal Proceedings

All legal matters incident to the authorization, issuance and sale of the Bonds are subject to the approval of McKennon Shelton & Henn LLP, Bond Counsel. Delivery of the Bonds is conditioned upon delivery by Bond Counsel of opinions substantially in the forms included in Appendix A of this Official Statement.

Tax Matters

The following is only a general summary of certain provisions of the Internal Revenue Code of 1986, as amended (the “Code”) as enacted and in effect on the date hereof and does not purport to be complete; holders of the Bonds should consult their own tax advisors as to the effects, if any, of the Code (and any proposed or subsequently enacted amendments to the Code) in their particular circumstances.

Maryland Income Taxation

In the opinion of Bond Counsel, (i) under existing statutes, regulations and decisions, the Tax-Exempt Bonds, their transfer, the interest payable on them, and any income derived from them, including any profit realized in their sale or exchange shall be exempt from taxation of any kind by the State of Maryland, any of its political subdivision, or any other public entity; no opinion is expressed as to estate or inheritance taxes, or any other taxes not levied or assessed directly on the Tax-Exempt Bonds or the interest thereon; and (ii) under existing law, interest on the Taxable Bonds and profit realized from their sale or exchange will be exempt from State of Maryland income taxation; no opinion is expressed as to estate or inheritance taxes, or any other taxes not levied or assessed directly on the Taxable Bonds or the interest thereon. Under existing law, interest on the Bonds may be subject to state or local income taxes in jurisdictions other than the State of Maryland under applicable state or local tax laws. Purchasers of the Bonds should consult their own tax advisors with respect to the taxable status of the Bonds in jurisdictions other than the State of Maryland.

Federal Income Taxation

In the opinion of Bond Counsel, assuming compliance with certain covenants described herein and under existing statutes, regulations, and decisions, interest on the Bonds will be excludable from gross income for federal income tax purposes.

Under the provisions of the Code, there are certain restrictions that must be met subsequent to the delivery of the Bonds, including restrictions that must be complied with throughout the term of the Bonds in order that the interest thereon be excludable from gross income. These include the following: (i) a requirement that certain earnings received from the investment of the proceeds of the Bonds be rebated to the United States of America under certain circumstances (or that certain payments in lieu of rebate be made); (ii) other requirements applicable to the investment of the proceeds of the Bonds; and (iii) other requirements applicable to the use of the proceeds of the Bonds and the facilities financed or refinanced with such proceeds. Failure to comply with one or more of these requirements could result in the inclusion of the interest payable on the Bonds in gross income for federal income tax purposes, effective from the date of their issuance. The County has covenanted to regulate the investment of the proceeds of the Bonds and to take such other actions as may be required to maintain the excludability from gross income for federal income tax purposes of interest on the Bonds.

Further, under existing statutes, regulations and decisions, Bond Counsel is of the opinion that interest on the Bonds is not included in the alternative minimum taxable income of individuals as an enumerated item of tax preference or other specific adjustment. For taxable years beginning after December 31, 2022, interest on the Bonds will be part of adjusted financial statement income, fifteen percent of which is included in the computation of the corporate alternative minimum tax imposed on applicable corporations. For this purpose, in general, applicable corporations are corporations with more than one billion dollars in average annual adjusted financial statement income determined

over a 3-year period. In addition, interest income on the Bonds will be subject to the branch profits tax imposed by the Code on certain foreign corporations engaged in a trade or business in the United States of America.

In rendering its opinion, Bond Counsel will rely, without independent investigation on the representations of certain officials of the County made on behalf of the County in its Tax and Section 148 Certificate with respect to certain material facts within the knowledge of the County relevant to the tax-exempt status of interest on the Bonds.

Additional Federal Tax Considerations

There are other federal income tax consequences of ownership of obligations such as the Bonds under certain circumstances, including the following: (i) deductions are disallowed for certain expenses of taxpayers allocable to interest on tax-exempt obligations, as well as interest on indebtedness incurred or continued to purchase or carry tax-exempt obligations and interest expense of financial institutions allocable to tax-exempt interest; (ii) for property and casualty insurance companies, the amount of the deduction for losses incurred must be reduced by 25% of the sum of tax-exempt interest income and the deductible portion of dividends received by such companies; (iii) interest income that is exempt from tax must be taken into account for the purpose of determining whether, and what amount of, social security or railroad retirement benefits are includable in gross income for federal income tax purposes; (iv) for S corporations having Subchapter C earnings and profits, the receipt of certain levels of passive investment income, which includes interest on tax-exempt obligations such as the Bonds, can result in the imposition of tax on such passive investment income and, in some cases, loss of S corporation status; (v) net gain realized upon the sale or other disposition of the Bonds generally must be taken into account when computing the 3.8% Medicare tax with respect to net investment income or undistributed net income, as applicable, imposed on certain high income individuals and specific trusts or estates; and (vi) receipt of certain investment income, including interest on the Bonds, is considered when determining qualification limits for obtaining the earned income credit provided by Section 32(a) of the Code.

Tax Accounting Treatment of Discount Bonds

Certain maturities of the Bonds may be issued at an initial public offering price which is less than the amount payable on such Bonds at maturity (the "Discount Bonds"). The difference between the initial offering price at which a substantial amount of the Discount Bonds of each maturity was sold, and the principal amount of such Discount Bonds payable at maturity constitutes original issue discount. In the case of any holder of Discount Bonds, the amount of such original issue discount that is treated as having accrued with respect to such Discount Bonds is added to the original cost basis of the holder in determining, for federal income tax purposes, gain or loss upon disposition (including sale, early redemption or repayment at maturity).

For federal income tax purposes (a) any holder of a Discount Bond will recognize gain or loss upon the disposition of such security (including sale, early redemption or payment at maturity) in an amount equal to the difference between (i) the amount received upon such disposition and (ii) the sum of (1) the holder's original cost basis in such Discount Bond, and (2) the amount of original issue discount attributable to the period during which the holder held such Discount Bond, and (b) the amount of the basis adjustment described in clause (a)(ii)(2) will not be included in the gross income of the holder.

Original issue discount on Discount Bonds will be attributed to permissible compounding periods during the life of any Discount Bonds in accordance with a constant rate of interest accrual method. The yield to maturity of the Discount Bonds of each maturity is determined using permissible compounding periods. In general, the length of a permissible compounding period cannot exceed the length of the interval between debt service payments on the Discount Bonds and must begin or end on the date of such payments. Such yield then is used to determine an amount of accrued interest for each permissible compounding period. For this purpose, interest is treated as compounding periodically at the end of each applicable compounding period. The amount of original issue discount that is treated as having accrued in respect of a Discount Bond for any particular compounding period is equal to the excess of (a) the product of (i) the yield for such Discount Bond (adjusted as necessary for an initial short period) divided by the number of compounding periods in a year multiplied by (ii) the amount that would be the tax basis of such Discount Bond at the beginning of such period if held by an original purchaser who purchased at the initial public offering price, over (b) the amount actually payable as interest on such Discount Bond during such period. For purposes of the preceding sentence the tax basis of a Discount Bond, if held by an original purchaser, can be determined by adding to the initial public offering price of such Discount Bond the original issue discount that is treated as having accrued during all prior compounding periods. If a Discount Bond is sold or otherwise disposed of between compounding dates, then interest which would have accrued for that compounding period for federal income tax purposes is to be apportioned in equal amounts among the days in such compounding period.

Holders of Discount Bonds should note that, under the tax regulations, the yield and maturity of a Discount Bond is determined without regard to commercially reasonable sinking fund payments, and any original issue discount remaining unaccrued at the time that a Discount Bond is redeemed in advance of stated maturity will be treated as taxable gain. Moreover, tax regulations prescribe special conventions for determining the yield and maturity of certain debt instruments that provide for alternative payment schedules applicable on the occurrence of certain contingencies. The prices or yields furnished by the successful bidder for the Bonds as shown on the inside cover of this Official Statement may not reflect the initial issue prices for the purpose of determining the original issue discount for federal income tax purposes.

The foregoing summarizes certain federal income tax consequences of original issue discount with respect to the Discount Bonds but does not purport to deal with all aspects of federal income taxation that may be relevant to particular investors or circumstances, including those set out above. Prospective purchasers of Discount Bonds should consider possible state and local income, excise or franchise tax consequences arising from original issue discount on Discount Bonds. In addition, prospective corporate purchasers should consider possible federal tax consequences arising from original issue discount on such Discount Bonds under the alternative minimum tax or the branch profits tax. The amount of original issue discount considered to have accrued may be reportable in the year of accrual for state and local tax purposes or for purposes of the alternative minimum tax or the branch profits tax without a corresponding receipt of cash with which to pay any tax liability attributable to such discount. Purchasers with questions concerning the detailed tax consequences of transactions in the Discount Bonds should consult their tax advisors.

Purchase, Sale and Retirement of Bonds

Except as noted below in the case of market discount, the sale or other disposition of a Bond will normally result in capital gain or loss to its holder. A holder's initial tax basis in a Bond will be its cost.

Upon the disposition of a Bond (including sale, early redemption, purchase or payment at maturity), for federal income tax purposes, a holder will recognize capital gain or loss upon the disposition of such security in an amount equal to the difference between (a) the amount received upon such disposition and (b) the tax basis in such Bond, determined by adding to the original cost basis in such Bond the amount of original issue discount that is treated as having accrued as described above under "*Tax Matters — Tax Accounting Treatment of Discount Bonds.*" Such gain or loss will be a long-term capital gain or loss if at the time of the sale or retirement the Bond has been held for more than one year. Present law taxes both long and short-term capital gains of corporations at the rates applicable to ordinary income. For noncorporate taxpayers, however, short-term capital gains are taxed at the rates applicable to ordinary income, while net capital gains are taxed at lower rates. Net capital gains are the excess of net long-term capital gains (gains on capital assets held for more than one year) over net short-term capital losses.

Market Discount

If a holder acquires a Bond after its original issuance at a discount below its principal amount (or in the case of a Bond issued at an original issue discount, at a price that produces a yield to maturity higher than the yield to maturity at which such Bond was first issued), the holder will be deemed to have acquired the Bond at "market discount," unless the amount of market discount is *de minimis*, as described in the following paragraph. If a holder that acquires a Bond with market discount subsequently realizes a gain upon the disposition of the Bond, such gain shall be treated as taxable interest income to the extent such gain does not exceed the accrued market discount attributable to the period during which the holder held such Bond, and any gain realized in excess of such market discount will be treated as capital gain. Potential purchasers should consult their tax advisors as to the proper method of accruing market discount.

In the case of a Bond not issued at an original issue discount, market discount will be *de minimis* if the excess of the Bond's stated redemption price at maturity over the holder's cost of acquiring the Bond is less than 0.25% of the stated redemption price at maturity multiplied by the number of complete years between the date the holder acquires the Bond and its maturity date. In the case of a Bond issued with original issue discount, market discount will be *de minimis* if the excess of the Bond's revised issue price over the holder's cost of acquiring the Bond is less than 0.25% of the revised issue price multiplied by the number of complete years between the date the holder acquires the Bond and its stated maturity date. For this purpose, a "revised issue price" is the sum of (i) its original issue price and (ii) the aggregate amount of original issue discount that is treated as having accrued with respect to the Bond during the period between its original issue date and the date of acquisition by the holder.

Amortizable Bond Premium

A Bond will be considered to have been acquired at a premium if, and to the extent that, immediately after the acquisition of such Bond, the holder's tax basis in the Bond exceeds the amount payable at maturity (or, in the case of a Bond callable prior to maturity, an amount payable on the earlier call date, as described). Under tax regulations applicable to the Bonds, the amount of the premium would be determined with reference to the amount payable on that call date (including for this purpose the maturity date) which produces the lowest yield to maturity on the Bonds. The holder will be required to reduce his tax basis in the Bond for purposes of determining gain or loss upon disposition of the Bond by the amount of amortizable bond premium that accrues, determined in the manner prescribed in the regulations. Generally, no deduction (or other tax benefit) is allowable in respect of any amount of amortizable bond premium on the Bonds.

U.S. Federal Backup Withholding and Information Reporting

In general, information reporting requirements apply with respect to payments to certain non-corporate United States holders of interest and original issue discount on, and payments to such holder of the proceeds of the sale, exchange, redemption, retirement or other disposition of a Bond. If a United States holder of a Bond (other than a corporation or other specified exempt entity) fails to satisfy applicable information reporting requirements imposed by the Code, payments to such holder will be subject to "backup withholding", which means that the payor is required to deduct and withhold a tax equal to 24% of the payments. In general, the information reporting requirements (where applicable) are satisfied if the holder completes, and provides the payor with, a Form W-9, "Request for Taxpayer Identification Number and Certification." Backup withholding should not occur if a holder purchases a Bond through a brokerage account with respect to which a Form W-9 has been provided, as generally can be expected. Any amounts withheld pursuant to backup withholding would be subject to recovery by the holder through proper refund or credit.

Legislative Developments

Legislative proposals could adversely affect the market value of the Bonds. Further, if enacted into law, any such legislation could cause the interest on the Bonds to be subject, directly or indirectly, to state income taxation and could otherwise alter or amend one or more of the provisions of federal or state tax law described above or their consequences, as applicable. Prospective purchasers of the Bonds should consult with their tax advisors as to the status and potential effect of any pending or future legislative proposals, as to which Bond Counsel expresses no opinion.

Ratings

Fitch Ratings, Moody's Investors Service and S&P Global Ratings have given the Bonds the ratings indicated on the cover page of this Official Statement. An explanation of the significance of any rating may be obtained from the appropriate rating agency. The County furnished to each rating agency the information contained in a preliminary Official Statement and other materials and information. Generally, rating agencies base their ratings on such materials and information, as well as their own investigations, studies and assumptions. Each rating may be changed at any time and no assurance can be given that it will not be revised downward or withdrawn by the applicable rating agency if, in the judgment of such rating agency, circumstances should warrant such action. Any such downward revision or withdrawal of any rating could have an adverse effect on the market price of the Bonds.

Litigation

The County is a party to numerous legal proceedings of the type that normally occur in governmental operations. The pending legal proceedings are not, in the opinion of the County Solicitor, likely to have a material adverse impact on the County's financial condition. In addition, the County is currently reviewing and adjusting a number of claims through its self-insurance program. In the opinion of the County Solicitor, none of these pending matters is likely to have a material adverse impact on the County's financial condition, nor should there be any substantial recovery against the County in amounts in excess of reserved funds.

Independent Auditors

The basic financial statements of Howard County, Maryland for the year ended June 30, 2022 have been audited by CliftonLarsonAllen LLP, independent certified public accountants, and have been included in the reliance upon the qualification of the firm to issue the report. The independent accountants were not requested to review or update such financial statements or their report in connection with the issuance of the Bonds. Such report speaks only as of its date and is available at <https://www.howardcountymd.gov/finance/finance-audits>.

Financial Advisor

Davenport & Company LLC of Towson, Maryland, has acted as financial advisor to the County in connection with the issuance of the Bonds. Davenport & Company LLC is not obligated to undertake, and has neither undertaken an independent verification of, or assumed responsibility for the accuracy, completeness or fairness of the information contained in this Official Statement.

Sales at Public Bidding

The Bonds were offered for sale by the County at public bidding on March 7, 2023, in accordance with the official Notices of Sale. Fifth Third Securities, Inc. was awarded the Public Improvement Bonds at a price of \$79,979,314.55. Raymond James & Associates, Inc. was awarded the Metropolitan District Bonds at a price of \$16,985,681.75. The initial public reoffering prices set forth on the inside cover page are based on information furnished to the County by the successful bidder and may be changed by the successful bidder. The successful bidder may reoffer and sell the Bonds that it has purchased to certain dealers (including dealers depositing bonds into investment trusts) and others at prices lower than the reoffering prices set forth on the cover page. Any other information concerning the terms of reoffering of the Bonds of each series, if any, including yields or prices, should be obtained from the successful bidder therefor and not from the County.

Certificate of County Officials

Simultaneously with or before delivery of and payment for the Bonds, the County will furnish to the purchasers of the Bonds a certificate of the County Executive, the Chief Administrative Officer and the Director of Finance that will state that, to the best of their knowledge and belief, this Official Statement (and any amendment or supplement hereto) as of the date of sale and as of the date of delivery of the Bonds does not contain any untrue statement of material fact and does not omit to state a material fact necessary to make the statements herein, in the light of the circumstances under which they were made, not misleading, and that between the date of sale and the date of delivery of the Bonds there has been no material adverse change in the financial position or revenues of the County, except as reflected or contemplated in this Official Statement (and any amendment or supplement hereto).

Miscellaneous

Any statements made in this Official Statement involving matters of opinion or estimates, whether or not expressly so stated, are set forth as such and not as representations of fact, and no representation is made that any estimates will be realized. Neither this Official Statement nor any statement which may have been made verbally or in writing is to be construed as a contract with the holders of any of the Bonds.

The execution and delivery of this Official Statement have been approved by Howard County, Maryland.

HOWARD COUNTY, MARYLAND

By: /s/ Calvin Ball
CALVIN BALL
County Executive

and

By: /s/ Rafiu O. Ighile
RAFIU O. IGHILE
Director of Finance

Appendix A

Forms of Bond Counsel Opinions

[Closing Date]

County Executive and County Council
of Howard County, Maryland
3430 Court House Drive
Ellicott City, Maryland 21043

County Executive and Council Members:

We have examined a record of proceedings relating to the issuance by Howard County, Maryland (the “County”) of its Consolidated Public Improvement Project Bonds, 2023 Series A (the “Bonds”).

The Bonds are dated on their date of delivery and are issued in fully registered in form in the denomination of \$5,000 each or any integral multiple thereof. The Bonds are consolidated and issued pursuant to Section 10-203 of the Local Government Article of the Annotated Code of Maryland (2013 Replacement Volume and 2022 Supplement) (the “Enabling Law”), Section 19-101 of the Local Government Article of the Annotated Code of Maryland (2013 Replacement Volume and 2022 Supplement) (the “Consolidating Act”), the County Charter (the “Charter”), certain bond enabling ordinances of the County Council of the County (the “Enabling Ordinances”), Council Bill No. 65-2022 enacted during the 2022 Legislative Session (the “Bond Ordinance”) and Executive Order No. 2023-01, executed and delivered on February 17, 2023 (the “Executive Order”).

With respect to the executed and authenticated Bond that we have examined, and the Bonds similarly executed and identical thereto in form except for numbers, interest rates, denominations, and maturities, and under existing statutes, regulations, and decisions, we are of the opinion that:

(a) The County is a validly created and existing body politic and corporate and political subdivision of the State of Maryland, possessing authority under the Enabling Law, the Consolidating Act, the Charter, the Enabling Ordinances, the Bond Ordinance and the Executive Order to issue the Bonds.

(b) The Bonds are valid and legally binding obligations of the County to which its full faith and credit and taxing power are pledged, and for the payment of which the County is empowered and directed to levy ad valorem taxes unlimited as to rate and amount upon all real and tangible personal property and certain intangible personal property subject to assessment for unlimited County taxation.

(c) To provide for the payment of the principal of and interest on the Bonds, the County has covenanted to levy or cause to be levied ad valorem taxes upon all the assessable property within the corporate limits of the County, in rate and amount sufficient for that purpose in each fiscal year in which provision must be made for the payment of such principal and interest.

(d) The Bonds, their transfer, the interest payable on them, and any income derived from them, including any profit realized in their sale or exchange, shall be exempt from taxation of any kind by the State of Maryland, any of its political subdivision, or any other public entity. No opinion is expressed as to estate or inheritance taxes, or any other taxes not levied or assessed directly on the Bonds or the interest thereon.

(e) Assuming compliance with certain covenants referred to herein, interest on the Bonds will be excludable from gross income for federal income tax purposes. It is noted that under the provisions of the Internal Revenue Code of 1986, as amended (the “Code”), there are certain restrictions that must be met subsequent to the delivery of the Bonds, including restrictions that must be complied with throughout the term of the issue of bonds of which the Bonds are a part in order that the interest thereon be excludable from gross income. These include the following: (i) a requirement that certain earnings received from the investment of the proceeds of the issue of bonds of which the Bonds are a part be rebated (or that certain payments in lieu of rebate be made) to the United States of America under certain circumstances; (ii) other requirements applicable to the investment of the proceeds of the issue of bonds of which the Bonds are a part; and (iii) requirements applicable to the use of the proceeds of the issue of bonds of which

the Bonds are a part and the use of the facilities financed or refinanced with such proceeds. Failure to comply with one or more of these requirements could result in the inclusion of the interest payable on the Bonds in gross income for federal income tax purposes, effective from the date of their issuance. The County has covenanted to regulate the investment of the proceeds of the issue of bonds of which the Bonds are a part and to take such other actions as may be required to maintain the excludability of interest on the Bonds from gross income for federal income tax purposes.

(f) Interest on the Bonds is not includable in the alternative minimum taxable income of individuals as an enumerated item of tax preference or other specific adjustment. For taxable years beginning after December 31, 2022, interest on the Bonds will be part of adjusted financial statement income, fifteen percent of which is included in the computation of the corporate alternative minimum tax imposed on applicable corporations. Interest income on the Bonds will be subject to the branch profits tax imposed by the Code on foreign corporations engaged in a trade or business in the United States of America.

We express no opinion with respect to any other federal or state tax consequences under the present law or any proposed legislation resulting from the receipt of interest on, or the acquisition or disposal of the Bonds.

The opinions expressed above are limited to the matters set forth above, and no other opinions should be inferred beyond the matters expressly stated. We assume no obligation to supplement this opinion if any applicable laws or interpretations thereof change after the date hereof or if we become aware of any facts or circumstances that might change the opinions expressed herein after the date hereof.

Very truly yours,

[Closing Date]

County Executive and County Council
of Howard County, Maryland
3430 Court House Drive
Ellicott City, Maryland 21043

County Executive and Council Members:

We have examined a record of proceedings relating to the issuance by Howard County, Maryland (the “County”) of its Metropolitan District Project Bonds, 2023 Series B (the “Bonds”).

The Bonds are dated on their date of delivery and are issued in fully registered in form in the denomination of \$5,000 each or any integral multiple thereof. The Bonds are consolidated and issued pursuant to Section 10-203 of the Local Government Article of the Annotated Code of Maryland (2013 Replacement Volume and 2022 Supplement) (the “Enabling Law”), the County Charter (the “Charter”), Chapter 991 of the Acts of the General Assembly of Maryland of 1943, as amended, Chapter 609 of the Acts of the General Assembly of Maryland of 1945, as amended, Chapter 369 of the Acts of the General Assembly of Maryland of 1963, as amended and Chapter 356 of the Acts of the General Assembly of Maryland of 1965, as amended (collectively, the “Acts”), certain bond enabling ordinances of the County Council of the County (the “Enabling Ordinances”), Council Bill No. 65-2022 enacted during the 2022 Legislative Session (the “Bond Ordinance”) and Executive Order No. 2023-01, executed and delivered on February 17, 2023 (the “Executive Order”).

With respect to the executed and authenticated Bond that we have examined, and the Bonds similarly executed and identical thereto in form except for numbers, interest rates, denominations, and maturities, and under existing statutes, regulations, and decisions, we are of the opinion that:

(a) The County is a validly created and existing body politic and corporate and political subdivision of the State of Maryland, possessing authority under the Enabling Law, the Charter, the Acts, the Enabling Ordinances, the Bond Ordinance and the Executive Order to issue the Bonds.

(b) The Bonds are valid and legally binding obligations of the County to which its full faith and credit and taxing power are pledged, payable primarily from ad valorem taxes, unlimited in rate and amount, which the County is empowered to levy upon all taxable property within the Metropolitan District of the County, together with benefit assessments and other available funds, but if not so paid, are payable as to both principal and interest, as general obligations, ultimately from ad valorem taxes, unlimited in rate and amount, which the County is empowered to levy upon all real and tangible personal property and certain intangible personal property subject to assessment for unlimited County taxation.

(c) To provide for the payment of the principal of and interest on the Bonds, the County has covenanted to levy or cause to be levied ad valorem taxes upon all the assessable property within the corporate limits of the County, in rate and amount sufficient for that purpose in each fiscal year in which provision must be made for the payment of such principal and interest.

(d) The Bonds, their transfer, the interest payable on them, and any income derived from them, including any profit realized in their sale or exchange shall be exempt from taxation of any kind by the State of Maryland, any of its political subdivision, or any other public entity. No opinion is expressed as to estate or inheritance taxes, or any other taxes not levied or assessed directly on the Bonds or the interest thereon.

(e) Assuming compliance with certain covenants referred to herein, interest on the Bonds will be excludable from gross income for federal income tax purposes. It is noted that under the provisions of the Internal Revenue Code of 1986, as amended (the “Code”), there are certain restrictions that must be met subsequent to the delivery of the Bonds, including restrictions that must be complied with throughout the term of the issue of bonds of which the Bonds are a part, in order that the interest thereon be excludable from gross income. These include the following: (i) a requirement that certain earnings received from the investment of the proceeds of the issue of bonds of which the Bonds are a part be rebated (or that certain payments in lieu of rebate be made) to the United States of America under certain circumstances; (ii) other requirements applicable to the investment of the proceeds of the issue of bonds of which the Bonds are a part; and (iii) requirements applicable to the use of the proceeds of the issue of bonds of which the Bonds are a part and the use of the facilities financed or refinanced with such proceeds. Failure to comply with one or more of these requirements could result in the inclusion of the interest payable on the Bonds in gross income for federal income tax purposes, effective from the date of their issuance. The County has covenanted to regulate the

investment of the proceeds of the issue of bonds of which the Bonds are a part and to take such other actions as may be required to maintain the excludability of interest on the Bonds from gross income for federal income tax purposes.

(f) Interest on the Bonds is not includable in the alternative minimum taxable income of individuals as an enumerated item of tax preference or other specific adjustment. For taxable years beginning after December 31, 2022, interest on the Bonds will be part of adjusted financial statement income, fifteen percent of which is included in the computation of the corporate alternative minimum tax imposed on applicable corporations. Interest income on the Bonds will be subject to the branch profits tax imposed by the Code on foreign corporations engaged in a trade or business in the United States of America.

We express no opinion with respect to any other federal or state tax consequences under the present law or any proposed legislation resulting from the receipt of interest on, or the acquisition or disposal of the Bonds.

The opinions expressed above are limited to the matters set forth above, and no other opinions should be inferred beyond the matters expressly stated. We assume no obligation to supplement this opinion if any applicable laws or interpretations thereof change after the date hereof or if we become aware of any facts or circumstances that might change the opinions expressed herein after the date hereof.

Very truly yours,

Continuing Disclosure Agreement

This **CONTINUING DISCLOSURE AGREEMENT** (the “Disclosure Agreement”) is executed and delivered by Howard County, Maryland (the “County”) in connection with the issuance of its Consolidated Public Improvement Project Bonds, 2023 Series A and its Metropolitan District Project Bonds, 2023 Series B (collectively, the “Bonds”). The County, intending to be legally bound hereby and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby covenant and agree as follows:

Section 1. Purpose of the Disclosure Agreement.

This Disclosure Agreement is being executed and delivered by the County for the benefit of the beneficial owners of the Bonds and in order to assist the Participating Underwriters in complying with Securities and Exchange Commission Rule 15c2-12(b)(5).

Section 2. Definitions.

In addition to the definitions set forth above, which apply to any capitalized term used in this Disclosure Agreement unless otherwise defined in this Section, the following capitalized terms shall have the following meanings:

“**Dissemination Agent**” shall mean the County, acting as Dissemination Agent hereunder, or any successor Dissemination Agent designated in writing by the County.

“**EMMA**” shall mean Electronic Municipal Market Access System maintained by the MSRB. For more information on EMMA, see www.emma.msrb.org.

“**Financial Obligation**” shall mean a (i) debt obligation; (ii) derivative instrument entered into in connection with, or pledged as security or a source of payment for, an existing or planned debt obligation; or (iii) guarantee of (i) or (ii). The term Financial Obligation shall not include municipal securities as to which a final official statement has been provided to the MSRB consistent with the Rule.

“**Listed Events**” shall mean any of the events listed in Section 4(a) of this Disclosure Agreement.

“**MSRB**” shall mean the Municipal Securities Rulemaking Board, established pursuant to Section 15B(b)(1) of the Securities Exchange Act of 1934, as amended.

“**Participating Underwriter**” shall mean any of the original underwriters of the Bonds required to comply with the Rule in connection with offering of the Bonds.

“**Rule**” shall mean Rule 15c2-12(b)(5) adopted by the Securities and Exchange Commission under the Securities Exchange Act of 1934, as the same may be amended from time to time.

“**State**” shall mean the State of Maryland.

Section 3. Provision of Annual Financial Information, Operating Data and Audited Information.

(a) The County shall provide to the MSRB annual financial information and operating data set forth in the “Financial Information” Section of the Official Statement under the heading “Total Property Tax Levies and Collections,” and information regarding assessed accrual value of and county direct tax rate on real and personal property set forth in the “Financial Information” section of the Official Statement under the heading “Assessed Values, Tax Rates and Tax Levies”, each to be updated as of the end of the preceding fiscal year, utilizing the same accounting principles as were used in preparing such information for the Official Statement subject to changes in Generally Accepted Accounting Principles, and shall be made available within 275 days after the end of the County’s fiscal year.

(b) The County shall provide to the MSRB annual audited financial statements for the County, such information to be made available within 275 days after the end of the County’s fiscal year, unless the audited financial

statements are not available on or before such date, in which event said financial statements will be provided promptly when and if available. In the event that audited financial statements are not available within 275 days after the end of the County's fiscal year, the County will provide unaudited financial statements within said time period.

(c) The presentation of the financial information referred to in paragraph (a) and in paragraph (b) shall be made in accordance with the same accounting principles as utilized in connection with the presentation of applicable comparable financial information included in the final official statement for the Bonds, provided that the County may modify the accounting principles utilized in the presentation of financial information by amending this Disclosure Agreement pursuant to the provisions of Section 7 hereof. Changes in Generally Accepted Accounting Principles, where applicable to financial information to be provided by the County, shall not require the County to amend this Disclosure Agreement.

(d) If the County is unable to provide the annual financial information and operating data within the applicable time periods specified in (a) and (b) above, the County shall send in a timely manner a notice of such failure to the MSRB.

Section 4. Reporting of Significant Events.

(a) This Section 4 shall govern the giving of notices of the occurrence of any of the following events with respect to the Bonds:

- (1) principal and interest payment delinquencies;
- (2) non-payment related defaults, if material;
- (3) unscheduled draws on debt service reserves reflecting financial difficulties;
- (4) unscheduled draws on credit enhancements reflecting financial difficulties;
- (5) substitution of credit or liquidity providers, or their failure to perform;
- (6) adverse tax opinions, the issuance by the Internal Revenue Service of proposed or final determinations of taxability, Notices of Proposed Issue (IRS Form 5701-TEB) or other material notices or determinations with respect to the tax status of the Bonds or other material events affecting the tax status of the Bonds;
- (7) modifications to rights of Bondholders, if material;
- (8) bond calls, if material, and tender offers;
- (9) defeasances;
- (10) release, substitution or sale of property securing repayment of the Bonds, if material;
- (11) rating changes;
- (12) bankruptcy, insolvency, receivership or similar event of the County;¹
- (13) appointment of a successor or additional trustee or the change of name of a trustee, if material;
- (14) the consummation of a merger, consolidation, or acquisition involving the County or the sale of all or substantially all of the assets of the County, other than in the ordinary course of business, the entry into a definitive agreement to undertake such an action or the termination

¹ For the purposes of the event identified in clause (12) above, the event is considered to occur when any of the following occur: the appointment of a receiver, fiscal agent or similar officer for the County in a proceeding under the U.S. Bankruptcy Code or in any other proceeding under state or federal law in which a court or governmental authority has assumed jurisdiction over substantially all of the assets or business of the County or if such jurisdiction has been assumed by leaving the existing governing body and officials or officers in possession but subject to the supervision and orders of a court or governmental authority, or the entry of an order confirming a plan of reorganization, arrangement or liquidation by a court or governmental authority having supervision or jurisdiction over substantially all of the assets or business of the County

of a definitive agreement relating to any such actions, other than pursuant to its terms, if material;

- (15) incurrence of a Financial Obligation of the County, if material, or agreement to covenants, events of default, remedies, priority rights, or other similar terms of a Financial Obligation of the County, any of which affect bondholders, if material; and
- (16) default, event of acceleration, termination event, modification of terms, or other similar events under the terms of a Financial Obligation of the County, any of which reflects financial difficulties.

(b) In a timely manner, not in excess of ten business days after the occurrence of an event listed in Section 4(a) above, the County shall file a notice of such occurrence with the MSRB.

Section 5. Filing with EMMA.

Unless otherwise required by the MSRB, all filings with the MSRB shall be made with EMMA and shall be accompanied by identifying information as prescribed by the MSRB.

Section 6. Termination of Reporting Obligation.

The County obligations under this Disclosure Agreement shall terminate upon the payment in full of all of the Bonds either at their maturity or by early redemption. In addition, the County may terminate its obligations under this Disclosure Agreement if and when the County no longer remains an obligated person with respect to the Bonds within the meaning of Securities and Exchange Commission Rule 15c2-12.

Section 7. Amendment.

The County may provide further or additional assurances that will become part of the County's obligations under this Disclosure Agreement. In addition, this Disclosure Agreement may be amended by the County in its discretion provided that (i) the amendment may only be made in connection with a change in circumstances that arises from a change in legal requirements, change in law, or change in the identity, nature, or status of the County as the obligated person with respect to the Bonds, or type of business conducted; (ii) this Disclosure Agreement, as amended, would have complied with the requirements of the Rule at the time of the issuance of the Bonds, after taking into account any amendments or interpretations of the Rule, as well as any change in circumstances; and (iii) the amendment does not materially impair the interests of holders of the Bonds, as determined either by counsel selected by the County that is expert in federal securities law matters, or by an approving vote of the holders of 25% of the outstanding aggregate principal amount of Bonds. The reasons for the County agreeing to provide any further or additional assurances or for any amendment and the impact of the change in the type of operating data or financial information being provided will be explained in information provided with the annual financial information containing the additional or amended operating data or financial information.

Section 8. Additional Information.

Nothing in this Disclosure Agreement shall be deemed to prevent the County from disseminating any other information, using the means of dissemination set forth in this Disclosure Agreement or any other means of communication, or including any other information in any disclosure made pursuant to Section 4(a) or (b) hereof or notice of occurrence of a Listed Event in addition to that which is required by this Disclosure Agreement. If the County chooses to include any information in any disclosure made pursuant to Section 4(a) or (b) hereof or notice of occurrence of a Listed Event in addition to that which is specifically required by this Disclosure Agreement, the County shall have no obligation under this Disclosure Agreement to update such information or include it in any future disclosure made pursuant to Section 4(a) or (b) hereof or notice of occurrence of a Listed Event.

Section 9. Dissemination Agent.

The County may, from time to time, appoint or engage a Dissemination Agent to assist it in carrying out its obligations under this Disclosure Agreement, and may discharge any such Dissemination Agent, with or without appointing a successor Dissemination Agent. The Dissemination Agent shall not be responsible in any manner for the content of any notice or report prepared by the County pursuant to this Disclosure Agreement. If at any time there is not any other designated Dissemination Agent, the County shall be the Dissemination Agent.

Section 10. Law of Maryland.

This Disclosure Agreement, and any claim made with respect to the performance by the County of its obligations hereunder, shall be governed by, subject to, and construed according to the laws of the State.

Section 11. Limitation of Forum.

Any suit or other proceeding seeking redress with regard to any claimed failure by the County to perform its obligations under this Disclosure Agreement must be filed in the Circuit Court of Howard County, Maryland.

Section 12. Limitation on Remedies.

The County shall be given written notice at the address set forth below of any claimed failure by the County to perform its obligations under the Disclosure Agreement, and the County shall be given 15 days to remedy any such claimed failure. Any suit or other proceeding seeking further redress with regard to any such claimed failure by the County shall be limited to specific performance as the adequate and exclusive remedy available in connection with such action. Written notice to the County shall be given to the Director of Finance at 3540 Court House Drive, Ellicott City, Maryland 21043 or at such alternate address as shall be specified by the County with disclosures made pursuant to Section 4(a) or 4(b) hereof or a notice of occurrence of a Listed Event.

Section 13. Relationship to Bonds.

This Disclosure Agreement constitutes an undertaking by the County that is independent of the County's obligations with respect to the Bonds; any breach or default by the County under this Disclosure Agreement shall not constitute or give rise to a breach or default under the Bonds.

Section 14. Beneficiaries.

This Disclosure Agreement shall inure solely to the benefit of the beneficial owners from time to time of the Bonds, and shall create no rights in any other person or entity.

IN WITNESS WHEREOF this Continuing Disclosure Agreement is being executed on behalf of Howard County, Maryland by the Director of Finance, as of this _____ day of _____, 2023.

HOWARD COUNTY, MARYLAND

By: _____
Rafiu O. Ighile
Director of Finance

Appendix C

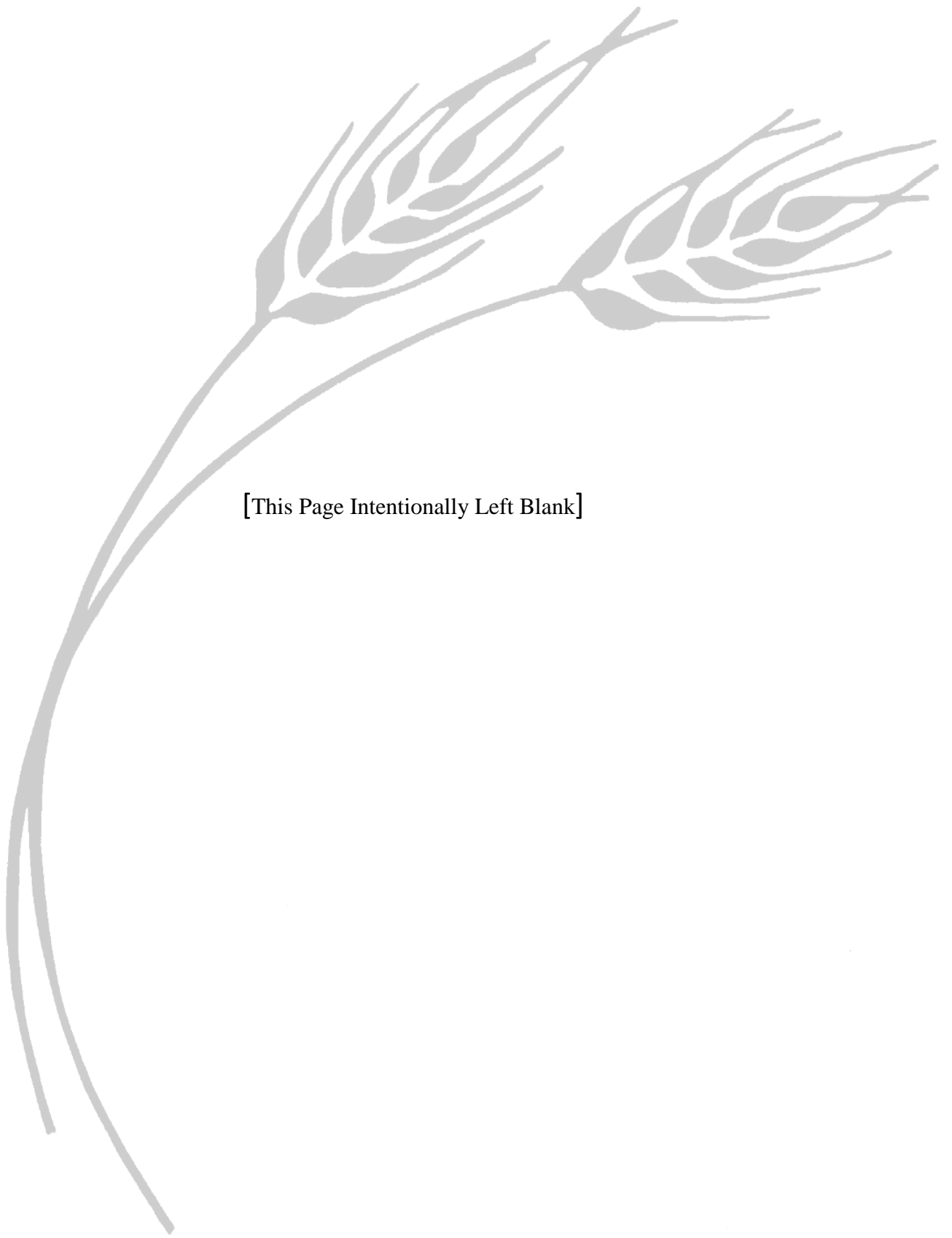
Bond Amortization Tables

\$73,320,000 Consolidated Public Improvement Project Bonds, 2023 Series A

Date	Principal Maturity	Interest Rate	Semiannual Interest	Semiannual Debt Service	Annual Debt Service
8/15/2023	\$ 2,530,000	5.000%	\$ 1,365,960	\$ 3,895,960	
2/15/2024			1,644,200	1,644,200	\$ 5,540,160
8/15/2024	2,310,000	5.000%	1,644,200	3,954,200	
2/15/2025			1,586,450	1,586,450	5,540,650
8/15/2025	2,430,000	5.000%	1,586,450	4,016,450	
2/15/2026			1,525,700	1,525,700	5,542,150
8/15/2026	2,550,000	5.000%	1,525,700	4,075,700	
2/15/2027			1,461,950	1,461,950	5,537,650
8/15/2027	2,685,000	5.000%	1,461,950	4,146,950	
2/15/2028			1,394,825	1,394,825	5,541,775
8/15/2028	2,820,000	5.000%	1,394,825	4,214,825	
2/15/2029			1,324,325	1,324,325	5,539,150
8/15/2029	2,965,000	5.000%	1,324,325	4,289,325	
2/15/2030			1,250,200	1,250,200	5,539,525
8/15/2030	3,120,000	5.000%	1,250,200	4,370,200	
2/15/2031			1,172,200	1,172,200	5,542,400
8/15/2031	3,280,000	5.000%	1,172,200	4,452,200	
2/15/2032			1,090,200	1,090,200	5,542,400
8/15/2032	3,445,000	5.000%	1,090,200	4,535,200	
2/15/2033			1,004,075	1,004,075	5,539,275
8/15/2033	3,625,000	5.000%	1,004,075	4,629,075	
2/15/2034			913,450	913,450	5,542,525
8/15/2034	3,810,000	5.000%	913,450	4,723,450	
2/15/2035			818,200	818,200	5,541,650
8/15/2035	4,005,000	5.000%	818,200	4,823,200	
2/15/2036			718,075	718,075	5,541,275
8/15/2036	4,210,000	5.000%	718,075	4,928,075	
2/15/2037			612,825	612,825	5,540,900
8/15/2037	4,425,000	5.000%	612,825	5,037,825	
2/15/2038			502,200	502,200	5,540,025
8/15/2038	4,630,000	4.000%	502,200	5,132,200	
2/15/2039			409,600	409,600	5,541,800
8/15/2039	4,815,000	4.000%	409,600	5,224,600	
2/15/2040			313,300	313,300	5,537,900
8/15/2040	5,015,000	4.000%	313,300	5,328,300	
2/15/2041			213,000	213,000	5,541,300
8/15/2041	5,220,000	4.000%	213,000	5,433,000	
2/15/2042			108,600	108,600	5,541,600
8/15/2042	5,430,000	4.000%	108,600	5,538,600	5,538,600
TOTAL	\$ 73,320,000		\$ 37,492,710	\$ 110,812,710	\$ 110,812,710

\$16,385,000 Metropolitan District Project Bonds, 2023 Series B

Date	Principal Maturity	Interest Rate	Semiannual Interest	Semiannual Debt Service	Annual Debt Service
8/15/2023	\$ 325,000	5.000%	\$ 284,580	\$ 609,580	
2/15/2024			347,600	347,600	\$ 957,180
8/15/2024	265,000	5.000%	347,600	612,600	
2/15/2025			340,975	340,975	953,575
8/15/2025	280,000	5.000%	340,975	620,975	
2/15/2026			333,975	333,975	954,950
8/15/2026	295,000	5.000%	333,975	628,975	
2/15/2027			326,600	326,600	955,575
8/15/2027	310,000	5.000%	326,600	636,600	
2/15/2028			318,850	318,850	955,450
8/15/2028	325,000	5.000%	318,850	643,850	
2/15/2029			310,725	310,725	954,575
8/15/2029	345,000	5.000%	310,725	655,725	
2/15/2030			302,100	302,100	957,825
8/15/2030	360,000	5.000%	302,100	662,100	
2/15/2031			293,100	293,100	955,200
8/15/2031	380,000	5.000%	293,100	673,100	
2/15/2032			283,600	283,600	956,700
8/15/2032	400,000	5.000%	283,600	683,600	
2/15/2033			273,600	273,600	957,200
8/15/2033	420,000	5.000%	273,600	693,600	
2/15/2034			263,100	263,100	956,700
8/15/2034	440,000	5.000%	263,100	703,100	
2/15/2035			252,100	252,100	955,200
8/15/2035	465,000	5.000%	252,100	717,100	
2/15/2036			240,475	240,475	957,575
8/15/2036	485,000	5.000%	240,475	725,475	
2/15/2037			228,350	228,350	953,825
8/15/2037	510,000	5.000%	228,350	738,350	
2/15/2038			215,600	215,600	953,950
8/15/2038	535,000	4.000%	215,600	750,600	
2/15/2039			204,900	204,900	955,500
8/15/2039	555,000	4.000%	204,900	759,900	
2/15/2040			193,800	193,800	953,700
8/15/2040	580,000	4.000%	193,800	773,800	
2/15/2041			182,200	182,200	956,000
8/15/2041	605,000	4.000%	182,200	787,200	
2/15/2042			170,100	170,100	957,300
8/15/2042	630,000	4.000%	170,100	800,100	
2/15/2043			157,500	157,500	957,600
8/15/2043	655,000	4.000%	157,500	812,500	
2/15/2044			144,400	144,400	956,900
8/15/2044	680,000	4.000%	144,400	824,400	
2/15/2045			130,800	130,800	955,200
8/15/2045	710,000	4.000%	130,800	840,800	
2/15/2046			116,600	116,600	957,400
8/15/2046	735,000	4.000%	116,600	851,600	
2/15/2047			101,900	101,900	953,500
8/15/2047	765,000	4.000%	101,900	866,900	
2/15/2048			86,600	86,600	953,500
8/15/2048	800,000	4.000%	86,600	886,600	
2/15/2049			70,600	70,600	957,200
8/15/2049	830,000	4.000%	70,600	900,600	
2/15/2050			54,000	54,000	954,600
8/15/2050	865,000	4.000%	54,000	919,000	
2/15/2051			36,700	36,700	955,700
8/15/2051	900,000	4.000%	36,700	936,700	
2/15/2052			18,700	18,700	955,400
8/15/2052	935,000	4.000%	18,700	953,700	953,700
TOTAL	\$ 16,385,000		\$ 12,283,680	\$ 28,668,680	\$ 28,668,680



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Official Statement

\$73,320,000 Consolidated Public Improvement Project Bonds, 2023 Series A

\$16,385,000 Metropolitan District Project Bonds, 2023 Series B

