CITY OF GERMANTOWN
MONTGOMERY COUNTY

REGULAR AUDIT

FOR THE YEAR ENDED DECEMBER 31, 2022

PLATTENBURG
Certified Public Accountants

OHIO AUDITOR OF STATE
KEITH FABER

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Columbus, Ohio 43215
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(800) 282-0370

Members of Council
City of Germantown
75 North Walnut Street
Germantown, Ohio 45327

We have reviewed the *Independent Auditor's Report* of the City of Germantown, Montgomery County, prepared by Plattenburg & Associates, Inc., for the audit period January 1, 2021 through December 31, 2022. Based upon this review, we have accepted these reports in lieu of the audit required by Section 117.11, Revised Code. The Auditor of State did not audit the accompanying financial statements and, accordingly, we are unable to express, and do not express an opinion on them.

Our review was made in reference to the applicable sections of legislative criteria, as reflected by the Ohio Constitution, and the Revised Code, policies, procedures and guidelines of the Auditor of State, regulations and grant requirements. The City of Germantown is responsible for compliance with these laws and regulations.

Keith Faber
Auditor of State
Columbus, Ohio

June 15, 2023

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CITY OF GERMANTOWN
MONTGOMERY COUNTY
FOR THE YEAR ENDED DECEMBER 31, 2022

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INDEPENDENT AUDITOR'S REPORT

City of Germantown
Montgomery County
75 North Walnut Street
Germantown, Ohio 45327

Report on the Audit of the Financial Statements

Opinions

We have audited the accompanying modified cash-basis financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the City of Germantown, Ohio, (the City) as of and for the year ended December 31, 2022, and the related notes to the financial statements, which collectively comprise the City's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective modified cash-basis financial position of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the City, as of December 31, 2022, and the respective changes in modified cash-basis financial position for the year then ended in accordance with the accounting basis described in Note 2.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the City and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Emphasis of a Matter-Basis of Accounting

We draw attention to Note 2 of the financial statements, which describes the basis of accounting. The financial statements are prepared on the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with the modified cash accounting basis described in Note 2, and for determining that the modified cash basis of accounting is an acceptable basis for the preparation of the financial statements in the circumstances. Management is also responsible for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

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In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the City's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the City's internal control. Accordingly, no such opinion is expressed.

- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.

- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the City's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated May 26, 2023, on our consideration of the City's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the City's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the City's internal control over financial reporting and compliance.

Plattenburg & Associates, Inc.

Plattenburg & Associates, Inc.
Cincinnati, Ohio
May 26, 2023

City of Germantown, Ohio
Statement of Net Position - Modified Cash Basis
December 31, 2022

	Governmental Activities	Business-Type Activities	Total
Assets:			
Equity in Pooled Cash and Investments	$6,047,082	$1,100,956	$7,148,038
Total Assets	6,047,082	1,100,956	7,148,038
Net Position:			
Restricted for:			
Senior Citizen	210,573	0	210,573
Street Improvements	169,099	0	169,099
Motor Vehicle License and Permissive Taxes	109,602	0	109,602
Street Lights	143,524	0	143,524
Emergency Medical Services	1,327,677	0	1,327,677
Fire Services	741,082	0	741,082
Debt Service	49	0	49
Capital Projects	1,046,177	0	1,046,177
Permanent Fund	25,739	0	25,739
Other Purposes	858,134	0	858,134
Unrestricted	1,415,426	1,100,956	2,516,382
Total Net Position	$6,047,082	$1,100,956	$7,148,038

See accompanying notes to the basic financial statements.

City of Germantown, Ohio
Statement of Activities - Modified Cash Basis
For the Fiscal Year Ended December 31, 2022

		Program Receipts			Net (Disbursements) Receipts and Changes in Net Position		
	Cash Disbursements	Charges for Services and Sales	Operating Grants and Contributions	Capital Grants and Contributions	Governmental Activities	Business-Type Activities	Total
Governmental Activities:							
General Government	$856,356	$53,820	$567,381	$0	($235,155)	$0	($235,155)
Public Safety	2,456,087	148,208	649,303	0	(1,658,576)	0	(1,658,576)
Community Environment	135,339	0	0	0	(135,339)	0	(135,339)
Recreation	0	16,000	0	0	16,000	0	16,000
Transportation	457,135	92,736	394,304	103,259	133,164	0	133,164
Other	30,332	0	0	0	(30,332)	0	(30,332)
Capital Outlay	1,142,022	0	0	0	(1,142,022)	0	(1,142,022)
Debt Service:							
Principal	291,886	0	0	0	(291,886)	0	(291,886)
Interest and Other Charges	155,020	0	0	0	(155,020)	0	(155,020)
Total Governmental Activities	5,524,177	310,764	1,610,988	103,259	(3,499,166)	0	(3,499,166)
Business-Type Activities:							
Water	1,805,221	871,122	0	236,255	0	(697,844)	(697,844)
Sewer	1,404,784	1,091,619	0	0	0	(313,165)	(313,165)
Refuse	621,592	547,556	0	0	0	(74,036)	(74,036)
Stormwater	155,831	103,566	0	0	0	(52,265)	(52,265)
Swimming Pool	428,404	119,629	0	83,850	0	(224,925)	(224,925)
Recreation	296,291	0	0	130,359	0	(165,932)	(165,932)
Total Business-Type Activities	4,712,123	2,733,492	0	450,464	0	(1,528,167)	(1,528,167)
Totals	$10,236,300	$3,044,256	$1,610,988	$553,723	(3,499,166)	(1,528,167)	(5,027,333)

	Governmental Activities	Business-Type Activities	Total
General Receipts:			
Income Taxes	2,441,357	0	2,441,357
Property Taxes Levied for:			
General Purposes	373,009	0	373,009
Special Revenue Purposes	293,534	0	293,534
Grants and Entitlements, Not Restricted	225,730	0	225,730
Investment Earnings	46,808	0	46,808
Other Receipts	412,687	110,362	523,049
Long-Term Capital-Related Debt Issued	580,197	738,839	1,319,036
Transfers In	0	62,000	62,000
Transfers (Out)	(62,000)	0	(62,000)
Total General Receipts, Debt Issued and Transfers	4,311,322	911,201	5,222,523
Change in Net Position	812,156	(616,966)	195,190
Net Position - Beginning of Year	5,234,926	1,717,922	6,952,848
Net Position - End of Year	$6,047,082	$1,100,956	$7,148,038

See accompanying notes to the basic financial statements.

City of Germantown, Ohio
Statement of Assets and Fund Balances - Modified Cash Basis
Governmental Funds
December 31, 2022

	General	Police Levy	Emergency Medical Services	Fire Services	EMS Capital Improvement	Street Capital Improvement	Other Governmental Funds	Total Governmental Funds
Assets:								
Equity in Pooled Cash and Investments	$1,415,426	$341,013	$1,327,677	$741,082	$614,996	$21,637	$1,585,251	$6,047,082
Total Assets	1,415,426	341,013	1,327,677	741,082	614,996	21,637	1,585,251	6,047,082
Fund Balances:								
Nonspendable	37,299	0	0	0	0	0	25,739	63,038
Restricted	0	341,013	1,327,677	741,082	614,996	21,637	1,559,512	4,605,917
Assigned	82,281	0	0	0	0	0	0	82,281
Unassigned	1,295,846	0	0	0	0	0	0	1,295,846
Total Fund Balances	$1,415,426	$341,013	$1,327,677	$741,082	$614,996	$21,637	$1,585,251	$6,047,082
Total Liabilities, Deferred Inflows and Fur	$1,415,426	$341,013	$1,327,677	$741,082	$614,996	$21,637	$1,585,251	$6,047,082

See accompanying notes to the basic financial statements.

City of Germantown, Ohio
Statement of Receipts, Disbursements
and Changes in Fund Balances - Modified Cash Basis
Governmental Funds
For the Fiscal Year Ended December 31, 2022

	General	Police Levy	Emergency Medical Services	Fire Services	EMS Capital Improvement	Street Capital Improvement	Other Governmental Funds	Total Governmental Funds
Receipts:								
Property Taxes	$373,009	$293,534	$0	$0	$0	$0	$0	$666,543
Income Taxes	2,441,359	0	0	0	0	0	0	2,441,359
Charges for Services	0	0	148,208	0	0	0	0	148,208
Investment Earnings	46,790	0	0	0	0	0	18	46,808
Intergovernmental	225,730	44,374	335,649	269,280	0	103,259	961,685	1,939,977
Special Assessments	0	0	0	0	0	0	92,736	92,736
Fines, Licenses & Permits	53,820	0	0	0	0	0	16,000	69,820
Other Receipts	41,686	18,343	134,907	103,364	0	64,303	50,082	412,685
Total Receipts	3,182,394	356,251	618,764	372,644	0	167,562	1,120,521	5,818,136
Disbursements:								
Current:								
General Government	578,466	0	0	0	0	0	277,890	856,356
Public Safety	0	1,606,830	422,263	426,994	0	0	0	2,456,087
Community Environment	135,339	0	0	0	0	0	0	135,339
Transportation	0	0	0	0	0	0	457,135	457,135
Other	30,332	0	0	0	0	0	0	30,332
Capital Outlay	58,743	0	0	500,001	0	410,560	172,718	1,142,022
Debt Service:								
Principal	69,150	0	0	0	45,425	131,886	45,425	291,886
Interest and Other Charges	34,003	0	0	0	52,405	16,207	52,405	155,020
Total Disbursements	906,033	1,606,830	422,263	926,995	97,830	558,653	1,005,573	5,524,177
Excess of Receipts Over (Under) Disbursements	2,276,361	(1,250,579)	196,501	(554,351)	(97,830)	(391,091)	114,948	293,959
Other Financing Sources (Uses):								
Issuance of Long-Term Capital-Related Debt	0	0	0	500,001	0	0	80,196	580,197
Transfers In	0	1,209,640	0	0	0	408,000	50,000	1,667,640
Transfers (Out)	(1,729,640)	0	0	0	0	0	0	(1,729,640)
Total Other Financing Sources (Uses)	(1,729,640)	1,209,640	0	500,001	0	408,000	130,196	518,197
Net Change in Fund Balance	546,721	(40,939)	196,501	(54,350)	(97,830)	16,909	245,144	812,156
Fund Balance - Beginning of Year	868,705	381,952	1,131,176	795,432	712,826	4,728	1,340,107	5,234,926
Fund Balance - End of Year	$1,415,426	$341,013	$1,327,677	$741,082	$614,996	$21,637	$1,585,251	$6,047,082

See accompanying notes to the basic financial statements.

City of Germantown, Ohio
Statement of Fund Net Position - Modified Cash Basis
Proprietary Funds
December 31, 2022

	Business-Type Activities -Enterprise Funds				
	Water	Sewer	Refuse	Other Enterprise Funds	Total Business-Type Activities
Assets:					
Equity in Pooled Cash and Investments	$525,104	$160,382	$53,301	$362,169	$1,100,956
Total Assets	525,104	160,382	53,301	362,169	1,100,956
Net Position:					
Unrestricted	525,104	160,382	53,301	362,169	1,100,956
Total Net Position	$525,104	$160,382	$53,301	$362,169	1,100,956

See accompanying notes to the basic financial statements.

City of Germantown, Ohio
Statement of Receipts, Disbursements
and Changes in Fund Net Position - Modified Cash Basis
Proprietary Funds
For the Fiscal Year Ended December 31, 2022

	Business-Type Activities -Enterprise Funds				
	Water	Sewer	Refuse	Other Enterprise Funds	Total Business-Type Activities
Operating Receipts:					
Charges for Services	$871,122	$1,091,619	$547,556	$223,195	$2,733,492
Other Receipts	18,906	78,416	167	12,873	110,362
Total Operating Receipts	890,028	1,170,035	547,723	236,068	2,843,854
Operating Expenses:					
Personal Services	338,281	337,967	9,187	202,550	887,985
Contractual Services	295,901	745,286	607,891	81,628	1,730,706
Materials and Supplies	55,055	41,561	4,245	79,428	180,289
Other Expense	1,663	179	269	2,477	4,588
Capital Outlay	780,023	94,177	0	430,708	1,304,908
Total Operating Expenses	1,470,923	1,219,170	621,592	796,791	4,108,476
Operating Income (Loss)	(580,895)	(49,135)	(73,869)	(560,723)	(1,264,622)
Non-Operating Receipts (Expenses):					
Principal Retirement	(308,445)	(162,540)	0	(80,737)	(551,722)
Interest and Other Fiscal Charges	(25,853)	(23,074)	0	(2,998)	(51,925)
Issuance of Long-Term Capital-Related Debt	485,391	80,196	0	173,252	738,839
Total Non-Operating Receipts (Expenses)	151,093	(105,418)	0	89,517	135,192
Income (Loss) Before Capital Grants and Contributions, and Transfers	(429,802)	(154,553)	(73,869)	(471,206)	(1,129,430)
Capital Grants and Contributions	236,255	0	0	214,209	450,464
Transfers In	0	0	0	62,000	62,000
Change in Net Position	(193,547)	(154,553)	(73,869)	(194,997)	(616,966)
Net Position - Beginning of Year	718,651	314,935	127,170	557,166	1,717,922
Net Position - End of Year	$525,104	$160,382	$53,301	$362,169	$1,100,956

See accompanying notes to the basic financial statements.

Note 1 – Description of the Entity

Description of the Entity

The City of Germantown, Montgomery County, (the City) is a body corporate and politic established to exercise the rights and privileges conveyed to it by the constitution and laws of the State of Ohio. Pursuant to the provisions of Article XVIII of the Constitution of Ohio, the voters of the City adopted a charter for the government of the City in 2010. The form of government provided in the charter is known as the Mayor-Council-Manager. Council is made up of seven members elected by the qualified voters of the City at large; six are council members elected and one is separately elected Mayor. Council appoints a City Manager who is responsible to Council for the administration of all City affairs. The City provides water and sewer utilities, refuse services, park operations, pool operations, police, fire and emergency medical services.

Reporting Entity

A reporting entity is comprised of the primary government, component units, and other organizations that are included to ensure that the financial statements are not misleading. The primary government of the City consists of all funds, departments, boards, and agencies that are not legally separate from the City. For the City, this includes general operations, water, sewer, refuse, recreation, police, fire and emergency medical services.

Component units are legally separate organizations for which the City is financially accountable. The City is financially accountable for an organization if the City appoints a voting majority of the organization's governing board and (1) the City is able to significantly influence the programs or services performed or provided by the organization; or (2) the City is legally entitled to or can otherwise access the organization's resources; the City is legally obligated or has otherwise assumed the responsibility to finance the deficits of, or provide financial support to, the organization; or the City is obligated for the debt of the organization. Component units may also include organizations that are fiscally dependent on the City, in that the City approves the budget, the issuance of debt, or the levying of taxes. Based on this criterion, the City has no discretely presented component unit in the basic financial statements.

The City participates in the Public Entities Pool of Ohio (PEP). Pep is a public entity risk pool, which operates as a jointly governed organization. PEP provides property and casualty coverage for its members. Note 9 to the financial statements provide additional information regarding PEP.

Note 2 – Summary of Significant Accounting Policies

These financial statements are presented on a modified cash basis of accounting. This modified cash basis of accounting differs from accounting principles general accepted in the United States of America (GAAP). Generally accepted accounting principles include all the relevant Governmental Accounting Standards Board (GASB) pronouncements, which have been applied to the extent they are applicable to the modified cash basis of accounting.

Ohio Administrative Code, Section 117-2-03 (B), requires the City to prepare its annual financial report in accordance with generally accepted accounting principles. However, the City prepared its financial statements on a modified cash basis, which is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America. The accompanying financial statements omit assets, liabilities, net position/fund balances, and disclosures that, while material, cannot be determined at this time. The City can be fined and various other administrative remedies may be taken against the City.

Basis of Presentation

Government-wide Financial Statements

The statement of net position - modified cash basis and the statement of activities - modified cash basis display information about the City as a whole. These statements include the financial activities of the primary government, except for fiduciary funds.

The government-wide statement of activities compares disbursements with program receipts for each function or program of the City's governmental activities. These disbursements are those that are specifically associated with a service, program or department and are therefore clearly identifiable to a particular function. Program receipts include charges paid by the recipient of the goods or services offered by the program and grants and contributions that are restricted to meeting the operational or capital requirements of a particular program. Receipts which are not classified as program receipts are presented as general receipts of the City. The comparison of direct disbursements with program receipts identifies the extent to which each business segment or governmental function is self-financing on the modified cash basis or draws from the general receipts of the City.

Fund Financial Statements

The fund financial statements report more detailed information about the City. The focus of governmental fund financial statements is on major funds rather than reporting funds by type. Fund statements present each major fund in a separate column and aggregate non-major funds in a single column. Fiduciary funds are reported by fund type.

Fund Accounting

The City uses funds to maintain its financial records during the fiscal year. Fund accounting is designed to demonstrate legal compliance and to aid management by segregating transactions related to certain City functions or activities. A fund is defined as a fiscal and accounting entity with a self-balancing set of accounts. The various funds of the City are grouped into the category governmental.

Governmental Funds

Governmental funds are those through which most governmental functions of the City are financed. Governmental funds focus on the sources, uses, and balances of current financial resources. Expendable assets are assigned to the various governmental funds according to the purposes for which they may or must be used. Current liabilities are assigned to the fund from which they will be paid. The difference between governmental fund assets and liabilities is reported as fund balance.

The following are the City's major governmental funds:

> **General Fund** – This fund is the operating fund of the City and is used to account for all financial resources, except those required to be accounted for in another fund. The General Fund is available to the City for any purpose provided it is expended or transferred according to the general laws of Ohio.

Police Levy – To account for the activities of the Police Levy of the City.

Emergency Medical Services – To account for the activities of the Emergency Medical Services Department of the City.

Fire Services – To account for the activities of the Fire Department of the City.

EMS Capital Improvement – To account for capital purchases for the City's EMS Capital Improvement capital projects fund.

Street Capital Improvement – To account for capital purchases for the City's Street Improvement capital projects fund.

The other governmental funds of the City account for grants and other resources of the City whose use is restricted to a particular purpose.

Proprietary Funds

Proprietary fund reporting focuses on modified cash net position and changes in net position. Proprietary funds are classified as either enterprise or internal service. The City does not have an internal service fund.

Enterprise Funds - Enterprise funds may be used to account for any activity for which a fee is charged to external users for goods or services. The following are the City's major enterprise funds:

Water Fund – This fund accounts for provision of water treatment and distribution to the residents and commercial users of the water system.

Sewer Fund - The sewer fund accounts for the provision of sanitary sewer service to the residents and commercial users located within the City.

Refuse Fund - The refuse fund accounts for the provision of refuse service to the residents and commercial users located within the City.

Budgetary Process

All funds, except agency funds, are legally required to be budgeted and appropriated. The major documents prepared are the tax budget, the certificate of estimated resources, and the appropriations resolution, all of which are prepared on the budgetary basis of accounting. The tax budget demonstrates a need for existing or increased tax rates. The certificate of estimated resources establishes a limit on the amount City Council may appropriate. The appropriations ordinance is City Council's authorization to spend resources and sets annual limits on disbursements plus encumbrances at the level of control selected by City Council. The legal level of control has been established by City Council at the fund, department, and object level for all funds.

The certificate of estimated resources may be amended during the year if projected increases or decreases in receipts are identified by the City Finance Director.

The appropriations ordinance is subject to amendment throughout the year with the restriction that appropriations cannot exceed estimated resources.

Cash and Investments

To improve cash management, cash received by the City is pooled. Monies for all funds are maintained in this pool. Individual fund integrity is maintained through the City's records. Each fund's interest in the pool is presented as "Equity in Pooled Cash and Investments" on the basic financial statements.

Investments of the cash management pool and investments with an original maturity of three months or less at the time of purchase are presented on the financial statements as cash equivalents. Investments with an initial maturity of more than three months that were not purchased from the pool are reported as investments.

Except for nonparticipating investment contracts, investments are reported at fair value which is based on quoted market prices. Nonparticipating investment contracts such as nonnegotiable certificates of deposits and repurchase agreements are reported at cost.

Following Ohio statutes, the City has, by resolution, specified the funds to receive an allocation of interest earnings. Interest receipts during the fiscal year amounted to $46,790 credited to the general fund and $18 to the permanent fund.

Restricted Assets

Assets are reported as restricted when limitations on their use change the nature or normal understanding of the availability of the asset. Such constraints are either externally imposed by creditors, contributors, grantors, or laws of other governments, or are imposed by law through constitutional provisions or enabling legislation.

Inventory and Prepaid Items

The City reports disbursements for inventory and prepaid items when paid. These items are not reflected in the accompanying financial statements under the modified cash basis of accounting.

Capital Assets

Acquisitions of property, plant and equipment are recorded as disbursements when paid. These items are not reflected in the accompanying financial statements under the modified cash basis of accounting.

Accumulated Leave

In certain circumstances, such as upon leaving employment or retirement, employees are entitled to cash payments for unused leave. Unpaid leave is not reflected as a liability under the City's modified cash basis of accounting.

Employer Contributions to Cost-Sharing Plans

The City recognizes the disbursement for employer contributions to cost-sharing pension plans when they are paid. As described later in the notes, the employer contributions include portions for pension benefits and for postretirement health care benefits.

Pensions/Other Postemployment Benefits (OPEB)

For purposes of measuring the net pension/OPEB liability, information about the fiduciary net position of the pension/OPEB plans and additions to/deductions from their fiduciary net position have been determined on the same basis as they are reported by the pension/OPEB plan. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. The pension/OPEB plans report investments at fair value.

Long-Term Obligations

The City's modified cash basis financial statements do not report liabilities for bonds and other long-term obligations. Proceeds of debt are reported when cash is received and principal and interest payments are reported when paid. Since recording a capital asset (including the intangible right to use) when entering into a lease or financed purchase transaction is not the result of a cash transaction, neither an other financing source nor a capital outlay expenditure is reported at inception. Lease payments and financed purchase payments are reported when paid.

Leases

For 2022, GASB Statement No. 87, Leases was effective. This GASB pronouncement had no effect on beginning net position/fund balance.

The City is the lessor/lessee (as defined by GASB 87) in various leases related to buildings, vehicles and other equipment under noncancelable leases. Lease receivables/payables are not reflected under the City's modified cash basis of accounting. Lease revenue/disbursements are recognized when they are received/paid.

Net Position

Net position is reported as restricted when enabling legislation or creditors, grantors or laws or regulations of other governments have imposed limitations on its use. The City first applies restricted resources when a disbursement is incurred for purposes for which both restricted and unrestricted net cash position are available.

Fund Balance

Fund balance is divided into five classifications based primarily on the extent to which the City is bound to observe constraints imposed upon the use of the resources in the governmental funds. The classifications are as follows:

> Nonspendable –The nonspendable fund balance category includes amounts that cannot be spent because they are not in spendable form, or are legally or contractually required to be maintained intact. The "not in spendable form" criterion includes items that are not expected to be converted to cash. It also includes the long-term amount of interfund loans.
>
> Restricted – Fund balance is reported as restricted when constraints placed on the use of resources are either externally imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments; or is imposed by law through constitutional provisions or enabling legislation (City ordinances).

Enabling legislation authorizes the City to assess, levy, charge, or otherwise mandate payment of resources (from external resource providers) and includes a legally enforceable requirement that those resources be used only for the specific purposes stipulated in the legislation. Legal enforceability means that the City can be compelled by an external party-such as citizens, public interest groups, or the judiciary to use resources created by enabling legislation only for the purposes specified by the legislation.

Committed – The committed fund balance classification includes amounts that can be used only for the specific purposes imposed by formal action (ordinance or resolution) of City Council. Those committed amounts cannot be used for any other purpose unless City Council removes or changes the specified use by taking the same type of action (ordinance or resolution) it employed to previously commit those amounts. In contrast to fund balance that is restricted by enabling legislation, the committed fund balance classification may be redeployed for other purposes with appropriate due process. Constraints imposed on the use of committed amounts are imposed by City Council, separate from the authorization to raise the underlying revenue; therefore, compliance with these constraints is not considered to be legally enforceable. Committed fund balance also incorporates contractual obligations to the extent that existing resources in the fund have been specifically committed for use in satisfying those contractual requirements.

Assigned – Amounts in the assigned fund balance classification are intended to be used by the City for specific purposes but do not meet the criteria to be classified as restricted or committed. In governmental funds other than the general fund, assigned fund balance represents the remaining amount that is not restricted or committed. In the general fund, assigned amounts represent intended uses established by City Council or a City official delegated that authority by City Charter or ordinance, or by State Statute.

Unassigned – Unassigned fund balance is the residual classification for the general fund and includes amounts not contained in the other classifications. In other governmental funds, the unassigned classification is used only to report a deficit balance.

The City applies restricted resources first when expenditures are incurred for purposes for which either restricted or unrestricted (committed, assigned, and unassigned) amounts are available. Similarly, within unrestricted fund balance, committed amounts are reduced first followed by assigned, and then unassigned amounts when expenditures are incurred for purposes for which amounts in any of the unrestricted fund balance classifications could be used.

Interfund Activity

Transfers between governmental and business-type activities on the government-wide financial statements are reported in the same manner as general receipts.

Internal allocations of overhead expenses from one function to another or within the same function are eliminated on the Statement of Activities. Payments for interfund services provided and used are not eliminated.

Exchange transactions between funds are reported as receipts in the seller funds and as disbursements in the purchaser funds. Subsidies from one fund to another without a requirement for repayment are reported as interfund transfers. Interfund transfers are reported as other financing sources/uses in governmental funds and after nonoperating receipts/disbursements in proprietary funds. Repayments from funds responsible for particular disbursements to the funds that initially paid for them are not presented in the financial statements.

Note 3 – Equity in Pooled Cash and Investments

Monies held by the City are classified by State statute into three categories.

Active deposits are public deposits determined to be necessary to meet current demands upon the City treasury. Active monies must be maintained either as cash in the City treasury, in commercial accounts payable or withdrawable on demand, including negotiable order of withdrawal (NOW) accounts, or in money market deposit accounts.

Inactive deposits are public deposits that Council has identified as not required for use within the current five year period of designation of depositories. Inactive deposits must either be evidenced by certificates of deposit maturing not later than the end of the current period of designation of depositories, or by savings or deposit accounts including, but not limited to, passbook accounts.

Interim deposits are deposits of interim monies. Interim monies are those monies which are not needed for immediate use but which will be needed before the end of the current period of designation of depositories. Interim deposits must be evidenced by time certificates of deposit maturing not more than one year from the date of deposit or by savings or deposit accounts, including passbook accounts.

Interim monies held by the City can be deposited or invested in the following securities:

1. United States Treasury bills, bonds notes, or any other obligation or security issued by the United States Treasury, or any other obligation guaranteed as to principal and interest by the United States;

2. Bonds, notes, debentures, or any other obligations or securities issued by any federal government agency or instrumentality, including, but not limited to, Federal National Mortgage Association, Federal Home Loan Bank, Federal Farm Credit Bank, Federal Home Loan Mortgage Corporation, and Government National Mortgage Association. All federal agency securities shall be direct issuances of federal government agencies or instrumentalities;

3. No-load money market mutual funds consisting exclusively of obligations described in (1) or (2) and repurchase agreements secured by such obligations, provided that investments in securities described in this division are made only through eligible institutions;

4. Time certificates of deposit or savings or deposit accounts including, but not limited to, passbook accounts;

5. Bonds and other obligations of the State of Ohio, and with certain limitations bonds and other obligations of political subdivisions of the State of Ohio;

6. The State Treasurer's investment pool (STAR Ohio);

7. Certain bankers' acceptances and commercial paper notes for a period not to exceed one hundred eighty days in an amount not to exceed 40 percent of the interim monies available for investment at any one time if training requirements have been met; and

8. Written repurchase agreements in the securities described in (1) or (2) provided the market value of the securities subject to the repurchase agreement must exceed the principal value of the agreement by at least two percent and be marked to market daily, and the term of the agreement must not exceed thirty days.

Investments in stripped principal or interest obligations, reverse repurchase agreements, and derivatives are prohibited. The issuance of taxable notes for the purpose of arbitrage, the use of leverage, and short selling are also prohibited.

At year end, the City had $350 in undeposited cash on hand which is included as part of "Equity in Pooled Cash and Investments".

Deposits

Custodial credit risk for deposits is the risk that in the event of bank failure, the City will not be able to recover deposits or collateral securities that are in the possession of an outside party. As of December 31, 2022, $3,890,945 of the City's bank balance of $4,604,819 was exposed to custodial credit risk because it was uninsured and collateralized.

The City has no deposit policy for custodial risk beyond the requirements of State statute. Ohio law requires that deposits either be insured or be protected by:

Eligible securities pledged to the City and deposited with a qualified trustee by the financial institution as security for repayment whose market value at all times shall be at least 105% of the deposits being secured; or

Participation in the Ohio Pooled Collateral system (OPCS), a collateral pool of eligible securities deposited with a qualified trustee and pledged to the Treasurer of State to secure the repayment of all public monies deposited in the financial institution. OPCS requires the total market value of the securities pledged to be 102% of the deposits being secured or a rate set by the Treasurer of State.

Investments

As of December 31, 2022, the City had the following investments:

Investment Type	Value	Fair Value Hierarchy	Weighted Average Maturity (Years)
Money Market Funds	$2,650	N/A	0.00
Negotiable Certificates of Deposits	2,769,059	Level 2	2.66
	$2,771,709		
Portfolio Weighted Average Maturity			2.66

The City categorizes its fair value measurements with the fair value hierarchy established by generally accepted accounting principles. The Hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets. Level 2 inputs are significant other observable inputs. Level 3 inputs are significant unobservable inputs. The above table identifies the City's recurring fair value measurements as of December 31, 2022.

Interest Rate Risk - In accordance with the investment policy, the City manages its exposure to declines in fair values by limiting the weighted average maturity of its investment portfolio to five years, unless matched to a specified obligation or debt of the City.

Credit Risk – It is the City's policy to limit its investments that are obligations of the U.S. Government or obligations explicitly guaranteed by the U.S. Government to investments which have the highest credit quality rating issued by nationally recognized statistical rating organizations. The City's investments in money market funds and negotiable certificates of deposits were not rated by Standard and Poor's.

Concentration of Credit Risk – The City's investment policy allows investments in Federal Government Securities or Instrumentalities. The City has invested 99.9% of the City's investments in negotiable certificates of deposits and 0.1% in money market funds.

Custodial Credit Risk - The risk that in the event of the failure of the counterparty, the City will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. All of the City's securities are either insured and registered in the name of the City, or at least registered in the name of the City.

Note 4 – Property Tax

Property taxes include amounts levied against all real and public utility property located in the City. Property tax revenue received during 2022 for real and public utility property taxes represents collections of 2021 taxes.

2022 real property taxes are levied after October 1, 2022, on the assessed value as of January 1, 2022, the lien date. Assessed values are established by State law at 35 percent of appraised market value. 2022 real property taxes are collected in and intended to finance 2023.

Real property taxes are payable annually or semi-annually. If paid annually, payment is due December 31; if paid semi-annually, the first payment is due February 15, with the remainder payable by July 19. Under certain circumstances, State statute permits later payment dates to be established.

Public utility tangible personal property currently is assessed at varying percentages of true value; public utility real property is assessed at 35 percent of true value. 2022 public utility property taxes which became a lien December 31, 2021, are levied after October 1, 2022, and are collected in 2023 with real property taxes.

The assessed values of real property and public utility tangible property upon which 2022 property tax receipts were based are as follows:

Real Property	$115,402,560
Public Utility Personal Property	2,424,870
Total Valuation	$117,827,430

The County Treasurer collects property taxes on behalf of all taxing districts in the county, including the City. The County Auditor periodically remits to the City its portion of the taxes collected.

Note 5 – Local Income Tax

The City levies a municipal income tax of 1.50% percent on substantially all earned income arising from employment, residency, or business activities within the City as well as certain income of residents earned outside of the City.

Employers within the City withhold income tax on employee compensation and remit the tax to the City either monthly or quarterly, as required. Corporations and other individual taxpayers pay estimated taxes quarterly and file a declaration annually.

Note 6 – Long-Term Debt

Long-term debt outstanding at December 31, 2022 was as follows:

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	Beginning Balance	Additions	Deletions	Ending Balance	Due Within One Year
Governmental Activities:					
OPWC Loans from Direct Borrowing:					
CD09P - Cherry Street Improvement Phase 3	$95,505	$0	($4,160)	$91,345	$4,154
CD32S - Cherry Street Improvement Phase 4	390,847	0	(15,082)	375,765	15,082
CD28T - Cherry Street Improvement Phase 5	357,480	0	(13,240)	344,240	13,240
CD06T - Cherry Street Improvement Phase 6	276,754	0	(9,884)	266,870	9,884
CD22Q - West Market Street Phase 1	559,234	0	(25,420)	533,814	25,420
Other Long-Term Debt:					
2017 Refunding - Various Purpose	292,250	0	(45,000)	247,250	50,000
St Rt / Hickory Pointe	177,780	0	(22,500)	155,280	22,500
Cherry Street Improvements	105,000	0	(15,000)	90,000	15,000
West Market Street Imp Phase I	189,300	0	(26,600)	162,700	26,600
2020 Special Obligation Income Tax Revenue Bonds	5,055,000	0	(115,000)	4,940,000	120,000
Debt from Direct Borrowing:					
2022 Service Department Vehicle Loan	0	80,196	0	80,196	14,883
2022 Fire Engine Loan	0	500,001	0	500,001	61,796
Total Governmental Activities	7,499,150	580,197	(291,886)	7,787,461	378,559
Business-Type Activities:					
OPWC Loans from Direct Borrowing:					
CD14L - Dayton Pike Water Storage Tower	770,505	0	(73,382)	697,123	73,382
CD09P - Cherry Street Improvement Phase 3	60,286	0	(2,764)	57,522	2,770
CD32S - Cherry Street Improvement Phase 4	262,688	0	(10,054)	252,634	10,054
CD28T - Cherry Street Improvement Phase 5	238,322	0	(8,826)	229,496	8,826
CD06T - Cherry Street Improvement Phase 6	184,502	0	(6,590)	177,912	6,590
CD11Q - Sanitary Sewer Rehab Phase 1	71,633	0	(3,048)	68,585	3,048
CD05R - Sanitary Sewer Rehab Phase 2	129,145	0	(5,166)	123,979	5,166
CT08F - Water Booster Station	33,025	0	(7,196)	25,829	7,268
CT08D - Hillcrest Sewer System	16,940	0	(6,700)	10,240	6,767
CD21T - Sanitary Sewer Rehab Phase 3	134,706	0	(4,989)	129,717	4,989
CD15U - Farmersville and Germantown Pike Water Main Phase 1	421,593	0	(15,056)	406,537	15,056
CD09W - Sanitary Sewer Rehab Phase 4	143,011	0	(4,932)	138,079	4,932
CD02W - Hale Avenue Water Main Replacement	165,127	0	(5,598)	159,529	5,598
CD07W - Kelly Avenue Water Main	172,205	0	0	172,205	5,740
CD30X - Maple Park Water Main Replacement Phase 1	209,736	18,070	(3,797)	224,009	7,594
CD31X - Sanitary Sewer Rehab Phase 5	172,730	0	(2,879)	169,851	5,758
Other Long-Term Debt:					
Water Meters	230,000	0	(30,000)	200,000	30,000
East Market Street Water and Sewer	330,000	0	(45,000)	285,000	45,000
West Market Street Imp Phase I	65,100	0	(8,400)	56,700	8,400
Water Chemical Feed Building / Silt Removal	130,000	0	(15,000)	115,000	15,000
Engineering Water and Sewer	110,000	0	(15,000)	95,000	15,000
St Rt / Hickory Pointe	17,220	0	(2,500)	14,720	2,500
2017 Refunding - Various Purpose	357,750	0	(55,000)	302,750	55,000
Mortgage Revenue Water Bond	84,000	0	(84,000)	0	0
Debt from Direct Borrowing:					
2019 Utility Truck Promissory Note	238,918	0	(76,507)	162,411	79,598
OWDA - 9089 Water Tower & Telemetry Replacement	0	145,094	0	145,094	0
OWDA - 9944 Water & Wastewater Maint & Admin Building	0	242,032	0	242,032	0
2022 Service Department Vehicle Loan	0	160,391	0	160,391	29,767
2022 Pool Pump Loan	0	173,252	(59,338)	113,914	55,840
Total Business-Type Activities	4,749,142	738,839	(551,722)	4,936,259	509,643
Total Long-Term Debt	$12,248,292	$1,319,036	($843,608)	$12,723,720	$888,202

Outstanding OPWC notes (Project #CD04J, #CD06J, #CD09P, #CD32S, #CD28T, and #CD06T) consist of loans to fund the Cherry Street Improvements Phase 1, 2, 3, 4, 5 and 6 Projects. Phases 1 and 2 were paid off in 2018. The remaining debt will be repaid from revenues of the City's street capital improvement fund, water fund, sewer fund, and storm water fund.

Outstanding OPWC notes (Project #CD14L) consist of a loan to fund the Dayton Pike Water Storage Tank Project. The debt will be repaid from revenues of the City's water fund.

Outstanding OPWC notes (Project #CD11Q, #CD05R, #CD21T, #CD09W, and #CD31X) consist of loans to fund the Sanitary Sewer Rehabilitation Phase 1, 2, 3, 4, and 5. The debt will be repaid from revenues of the City's sewer system.

Outstanding OPWC notes (Project #CD22Q) consist of a loan to fund the West Market Street Phase I Project. The debt will be repaid from revenues of the City's street capital improvement fund.

Outstanding OPWC notes (Project #CT08F) consist of a loan to fund the Water Booster Station Improvements. The debt will be repaid from revenues of the City's water system.

Outstanding OPWC notes (Project #CT08D) consist of a loan to fund the Hillcrest Drive Sewer Improvement. The debt will be repaid from revenues of the City's sewer system.

Outstanding OPWC notes (Project #CD15U) consist of a loan to fund the Farmersville and Germantown Pike Water Main Phase 1. The debt will be repaid from revenues of the City's water system.

Outstanding OPWC notes (Project #CD02W) consist of a loan to fund the Hale Avenue Water Main Replacement. The debt will be repaid from revenues of the City's water system.

Outstanding OPWC notes (Project #CD07W) consist of a loan to fund the Kelly Avenue Water Main Replacement. The debt will be repaid from revenues of the City's water system.

Outstanding OPWC notes (Project #CD30X) consist of a loan to fund the Maple Park Water Main Replacement. The debt will be repaid from revenues of the City's Water System.

All OPWC notes are interest free, except for Project #CT08F and Project #CT08D, which are 1% interest.

St. Rt. / Hickory Pointe Bonds consist of general obligation bonds issued for the Hickory Pointe public infrastructure improvements. The St. Rt. / Hickory Pointe Bonds will be paid from the street capital improvement fund and sewer fund.

Cherry Street Improvements Bonds were issued to make improvements on Cherry Street. These bonds will be paid from the street capital improvement fund.

Water Meter Bonds were issued to make improvements to the water meters throughout the City. These bonds will be paid from water fund and sewer fund.

East Market Street Improvement Bonds were issued to make improvements on the water and sewer systems on East Market Street. These bonds will be paid from the water fund and sewer fund.

West Market Street Improvements-Phase 1 Bonds were issued to make various improvements on West Market Street. These bonds will be paid from the street capital improvement fund, water fund, and storm water fund.

Water Chemical Feed Building / Silt Removal Bonds were issued to build a chemical feed building and also to remove silt for the water system of the City. These bonds will be paid from the water fund.

Engineering Water and Sewer Bonds were issued to help with the engineering aspect of the water and sewer systems throughout the City. These bonds will be paid from the water and sewer funds.

2017 Various Purpose Refunding Bonds are for the construction of a new municipal building and improvement of the sewer system for the City. Property and revenue of the City's sewer system and the general fund have been pledged to repay this debt.

Mortgage Revenue Bonds are for the improvement of the water system for the City. Property and revenue of the City's water system has been pledged to repay this debt.

2019 Utility Truck Promissory Note is for City vehicles. The note has an interest rate of 4% and a maturity date of August 16, 2024. The note will be paid from the water and sewer funds.

The Special Obligation Income Tax Revenue bonds were issued in 2020. The bonds have an interest rate of 2.250% to 3.00% and a maturity date of December 1, 2050.

2019 Utility Truck Promissory Note is for City vehicles. The Direct Loan note has an interest rate of 4% and a maturity date of August 16, 2024. The note will be paid from the water and sewer funds. The Direct Loan contain the following provision that for the payment of the principal and the interest thereon, the full faith, credit, and revenue of the City are hereby irrevocably pledged, and for the purpose of providing the necessary funds to pay the interest on the debt promptly when and as the same falls due, and also to provide a fund sufficient to discharge the debt at maturity or upon mandatory sinking fund redemption, there shall be and is hereby levied on all the taxable property in this City within applicable limitations, in addition to all other taxes, a direct tax annually during the period the debt is to run in an amount sufficient to provide funds to pay interest upon the debt as and when the same falls due and also to provide a fund for the discharge of the principal of the debt at maturity or upon mandatory sinking fund redemption, which tax shall not be less than the interest and sinking fund tax required by Article XII, Section 11 of the Constitution of Ohio.

2022 Service Department Vehicle Loan is for two new dump trucks and a new pickup truck. The loan has a fixed interest rate of 3.750% and a maturity date of December 26, 2027. The loan will be paid from the street, water, and sewer funds.

2022 Fire Engine Loan is for one Rosenbauer Custom Pumper Demo. The loan has an interest rate of 4.794% and a maturity date of November 14, 2029. The loan will be paid from the fire services fund.

Outstanding OWDA notes (Project #9089) consist of a loan to fund the Water Tower and Telemetry Replacement Project. The debt will be repaid from revenues of the City's Water System.

Outstanding OWDA notes (Project #9944) consist of a loan to fund the Water and Wastewater Maintenance and Administration Building Project. The debt will be repaid from revenues of the City's Water and Sewer System.

2022 Pool Pump Loan is for a filtration system. The loan has an annual interest rate of 4% and a maturity date of June 1, 2024. The loan will be paid from the swimming pool fund.

The City's outstanding OPWC Loans of $4,655,281 all contain a provision that in an event of default, the amount of such default shall bear interest thereafter at the rate of 8 percent per annum until the date of payment, and outstanding amounts become immediately due. Also, the State may direct the county treasurer to pay the outstanding amount from portion of the local government fund that would otherwise be appropriated to the Village.

Amortization of the above debt, including interest, is scheduled as follows:

	General Obligation Bonds		Mortgage Revenue Bonds/ Truck Promissory Note		OPWC Loans	
Year	Principal	Interest	Principal	Interest	Principal	Interest
2023	$567,286	$337,851	$79,598	$5,708	$241,726	$325
2024	598,478	319,112	82,813	2,492	238,505	183
2025	570,262	304,853	0	0	235,107	93
2026	590,333	292,008	0	0	231,497	0
2027	595,630	278,447	0	0	227,693	0
2028-2032	1,191,126	1,257,706	0	0	1,101,773	0
2033-2037	946,785	1,243,907	0	0	771,557	0
2038-2042	1,046,785	1,236,038	0	0	771,559	0
2043-2047	1,094,343	1,243,413	0	0	632,853	0
2048-2052	705,000	740,500	0	0	203,009	0
	$7,906,028	$7,253,835	$162,411	$8,200	$4,655,281	$601

Note 7 – Defined Benefit Pension Plans

The Statewide retirement systems provide both pension and other postemployment benefits (OPEB).

Net Pension Liability/Net OPEB Liability (Asset)

Pensions and OPEB are a component of exchange transactions - between an employer and its employees - of salaries and benefits for employee services. Pensions are provided to an employee - on a deferred-payment basis - as part of the total compensation package offered by an employer for employee services each financial period.

The net pension liability and the net OPEB liability (asset) represent the City's proportionate share of each pension/OPEB plan's collective actuarial present value of projected benefit payments attributable to past periods of service, net of each pension/OPEB plan's fiduciary net position. The net pension/OPEB liability (asset) calculation is dependent on critical long-term variables, including estimated average life expectancies, earnings on investments, cost of living adjustments and others. While these estimates use the best information available, unknowable future events require adjusting this estimate annually.

Ohio Revised Code limits the City's obligation for this liability to annually required payments. The City cannot control benefit terms or the manner in which pensions/OPEB are financed; however, the City does receive the benefit of employees' services in exchange for compensation including pension and OPEB.

GASB 68/75 assumes the liability is solely the obligation of the employer, because (1) they benefit from employee services; and (2) State statute requires funding to come from these employers. All pension contributions to date have come solely from these employers (which also includes pension costs paid in the form of withholdings from employees). The retirement systems may allocate a portion of the employer contributions to provide for these OPEB benefits. In addition, health care plan enrollees may pay a portion of the health care costs in the form of a monthly premium. State statute requires the retirement systems to amortize unfunded pension liabilities within 30 years. If the pension amortization period exceeds 30 years, each retirement system's board must propose corrective action to the State legislature. Any resulting legislative change to benefits or funding could significantly affect the net pension/OPEB liability (asset). Resulting adjustments to the net pension/OPEB liability (asset) would be effective when the changes are legally enforceable. The Ohio Revised Code permits, but does not require the retirement systems to provide healthcare to eligible benefit recipients.

The proportionate share of each plan's unfunded benefits is presented as a long-term net pension/OPEB liability (asset) on the accrual basis of accounting. Any liability for the contractually-required pension/OPEB contribution outstanding at the end of the year is included in accrued wages and benefits on both the accrual and modified accrual bases of accounting.

The remainder of this note includes the required pension disclosures. See Note 8 for the required OPEB disclosures.

Plan Description – Ohio Public Employees Retirement System (OPERS)

Plan Description

City employees, other than full-time police and firefighters, participate in the Ohio Public Employees Retirement System (OPERS). OPERS is a cost-sharing, multiple employer public employee retirement system which administers three separate pension plans. The traditional pension plan is a cost-sharing, multiple-employer defined benefit pension plan. The member-directed plan is a defined contribution plan and the combined plan is a combination cost-sharing, multiple-employer defined benefit/defined contribution pension plan. Participating employers are divided into state, local, law enforcement and public safety divisions. While members in the state and local divisions may participate in all three plans, law enforcement and public safety divisions exist only within the traditional plan. While employees may elect the member-directed plan or the combined plan, substantially all employees are in the traditional plan; therefore, the following disclosure focuses on the traditional plan.

OPERS provides retirement, disability, survivor and death benefits, and annual cost of living adjustments to members of the traditional and combined plans. Authority to establish and amend benefits is provided by Chapter 145 of the Ohio Revised Code. OPERS issues a stand-alone financial report that includes financial statements, required supplementary information and detailed information about OPERS' fiduciary net position that may be obtained by visiting www.opers.org/financial/reports.shtml, by writing to the Ohio Public Employees Retirement System, 277 East Town Street, Columbus, Ohio 43215-4642, or by calling 800-222-7377.

Senate Bill (SB) 343 was enacted into law with an effective date of January 7, 2013. In the legislation, members in the traditional and combined plans were categorized into three groups with varying provisions of the law applicable to each group. The following table provides age and service requirements for retirement and the retirement formula applied to final average salary (FAS) for the three member groups under the traditional and combined plans as per the reduced benefits adopted by SB 343 (see OPERS Annual Comprehensive Financial Report referenced above for additional information, including requirements for reduced and unreduced benefits):

Group A Eligible to retire prior to January 7, 2013 or five years after January 7, 2013	Group B 20 years of service credit prior to January 7, 2013 or eligible to retire ten years after January 7, 2013	Group C Members not in other Groups and members hired on or after January 7, 2013
State and Local	State and Local	State and Local
Age and Service Requirements: Age 60 with 60 months of service credit or Age 55 with 25 years of service credit	Age and Service Requirements: Age 60 with 60 months of service credit or Age 55 with 25 years of service credit	Age and Service Requirements: Age 57 with 25 years of service credit or Age 62 with 5 years of service credit
Traditional Plan Formula: 2.2% of FAS multiplied by years of service for the first 30 years and 2.5% for service years in excess of 30	Traditional Plan Formula: 2.2% of FAS multiplied by years of service for the first 30 years and 2.5% for service years in excess of 30	Traditional Plan Formula: 2.2% of FAS multiplied by years of service for the first 35 years and 2.5% for service years in excess of 35
Combined Plan Formula: 1% of FAS multiplied by years of service for the first 30 years and 1.25% for service years in excess of 30	Combined Plan Formula: 1% of FAS multiplied by years of service for the first 30 years and 1.25% for service years in excess of 30	Combined Plan Formula: 1% of FAS multiplied by years of service for the first 35 years and 1.25% for service years in excess of 35
Public Safety	Public Safety	Public Safety
Age and Service Requirements: Age 48 with 25 years of service credit or Age 52 with 15 years of service credit	Age and Service Requirements: Age 48 with 25 years of service credit or Age 52 with 15 years of service credit	Age and Service Requirements: Age 52 with 25 years of service credit or Age 56 with 15 years of service credit
Law Enforcement	Law Enforcement	Law Enforcement
Age and Service Requirements: Age 52 with 15 years of service credit	Age and Service Requirements: Age 48 with 25 years of service credit or Age 52 with 15 years of service credit	Age and Service Requirements: Age 48 with 25 years of service credit or Age 56 with 15 years of service credit
Public Safety and Law Enforcement	Public Safety and Law Enforcement	Public Safety and Law Enforcement
Traditional Plan Formula: 2.5% of FAS multiplied by years of service for the first 25 years and 2.1% for service years in excess of 25	Traditional Plan Formula: 2.5% of FAS multiplied by years of service for the first 25 years and 2.1% for service years in excess of 25	Traditional Plan Formula: 2.5% of FAS multiplied by years of service for the first 25 years and 2.1% for service years in excess of 25

Final average Salary (FAS) represents the average of the three highest years of earnings over a member's career for Groups A and B. Group C is based on the average of the five highest years of earnings over a member's career.

Members who retire before meeting the age and years of service credit requirement for unreduced benefits receive a percentage reduction in the benefit amount. The amount of a member's pension benefit vests upon receipt of the initial benefit payment. The options for Public Safety and Law Enforcement permit early retirement under qualifying circumstances as early as age 48 with a reduced benefit.

When a traditional plan benefit recipient has received benefits for 12 months, the member is eligible for an annual cost of living adjustment (COLA). This COLA is calculated on the base retirement benefit at the date of retirement and is not compounded. Members retiring under the combined plan receive a cost–of–living adjustment on the defined benefit portion of their pension benefit. For those who retired prior to January 7, 2013, the cost-of-living adjustment is 3 percent. For those retiring on or after January 7, 2013, beginning in calendar year 2019, the adjustment is based on the average percentage increase in the Consumer Price Index, capped at 3 percent.

Defined contribution plan benefits are established in the plan documents, which may be amended by the Board. Member-directed plan and combined plan members who have met the retirement eligibility requirements may apply for retirement benefits. The amount available for defined contribution benefits in the combined plan consists of the member's contributions plus or minus the investment gains or losses resulting from the member's investment selections. Combined plan members wishing to receive benefits must meet the requirements for both the defined benefit and defined contribution plans. Member-directed participants must have attained the age of 55, have money on deposit in the defined contribution plan and have terminated public service to apply for retirement benefits. The amount available for defined contribution benefits in the member-directed plan consists of the members' contributions, vested employer contributions and investment gains or losses resulting from the members' investment selections. Employer contributions and associated investment earnings vest over a five-year period, at a rate of 20 percent each year. At retirement, members may select one of several distribution options for payment of the vested balance in their individual OPERS accounts. Options include the annuitization of the benefit (which includes joint and survivor options and will continue to be administered by OPERS), partial lump-sum payments (subject to limitations), a rollover of the vested account balance to another financial institution, receipt of entire account balance, net of taxes withheld, or a combination of these options. When members choose to annuitize their defined contribution benefit, the annuitized portion of the benefit is reclassified to a defined benefit.

Effective January 1, 2022, the Combined Plan is no longer available for member selection.

Funding Policy
The Ohio Revised Code (ORC) provides statutory authority for member and employer contributions as follows:

	State and Local	Public Safety	Law Enforcement
2022 Statutory Maximum Contribution Rates			
Employer	14.0 %	18.1 %	18.1 %
Employee *	10.0 %	**	***
2022 Actual Contribution Rates			
Employer:			
Pension ****	14.0 %	18.1 %	18.1 %
Post-employment Health Care Benefits ****	0.0	0.0	0.0
Total Employer	14.0 %	18.1 %	18.1 %
Employee	10.0 %	12.0 %	13.0 %

* Member contributions within the combined plan are not used to fund the defined benefit retirement allowance.
** This rate is determined by OPERS' Board and has no maximum rate established by ORC.
*** This rate is also determined by OPERS' Board, but is limited by ORC to not more than 2 percent greater than the Public Safety rate.
**** These pension and employer health care rates are for the traditional and combined plans. The employer contributions rate for the member-directed plan is allocated 4 percent for health care with the remainder going to pension.

Employer contribution rates are actuarially determined and are expressed as a percentage of covered payroll.

For 2022, the City's contractually required contribution was $169,033.

Plan Description – Ohio Police & Fire Pension Fund (OP&F)

Plan Description

City full-time police and firefighters participate in Ohio Police and Fire Pension Fund (OP&F), a cost-sharing, multiple-employer defined benefit pension plan administered by OP&F. OP&F provides retirement and disability pension benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. Benefit provisions are established by the Ohio State Legislature and are codified in Chapter 742 of the Ohio Revised Code. OP&F issues a publicly available financial report that includes financial information and required supplementary information and detailed information about OP&F fiduciary net position. The report that may be obtained by visiting the OP&F website at www.op-f.org or by writing to the Ohio Police and Fire Pension Fund, 140 East Town Street, Columbus, Ohio 43215-5164.

Upon attaining a qualifying age with sufficient years of service, a member of OP&F may retire and receive a lifetime monthly pension. OP&F offers four types of service retirement: normal, service commuted, age/service commuted and actuarially reduced. Each type has different eligibility guidelines and is calculated using the member's average annual salary. The following discussion of the pension formula relates to normal service retirement.

For members hired after July 1, 2013, the minimum retirement age is 52 for normal service retirement with at least 25 years of service credit. For members hired on or before after July 1, 2013, the minimum retirement age is 48 for normal service retirement with at least 25 years of service credit.

The annual pension benefit for normal service retirement is equal to a percentage of the allowable average annual salary. The percentage equals 2.5 percent for each of the first 20 years of service credit, 2.0 percent for each of the next five years of service credit and 1.5 percent for each year of service credit in excess of 25 years. The maximum pension of 72 percent of the allowable average annual salary is paid after 33 years of service credit (see OP&F Annual Comprehensive Financial Report referenced above for additional information, including requirements for Deferred Retirement Option Plan provisions and reduced and unreduced benefits).

Under normal service retirement, retired members who are at least 55 years old and have been receiving OP&F benefits for at least one year may be eligible for a cost-of-living allowance adjustment. The age 55 provision for receiving a COLA does not apply to those who are receiving a permanent and total disability benefit, surviving beneficiaries under optional plans, and statutory survivors. Members participating in the DROP program have separate eligibility requirements related to COLA.

The COLA amount for members who have 15 or more years of service credit as of July 1, 2013, and members who are receiving a pension benefit that became effective before July 1, 2013, will be equal to 3.0 percent of the member's base pension benefit.

The COLA amount for members who have less than 15 years of service credit as of July 1, 2013, and members whose pension benefit became effective on or after July 1, 2013, will be equal to a percentage of the member's base pension benefit where the percentage is the lesser of 3.0 percent or the percentage increase in the consumer price index, if any, over the twelve-month period that ends on the thirtieth day of September of the immediately preceding year, rounded to the nearest one-tenth of one percent.

Members who retired prior to July 24, 1986, or their surviving beneficiaries under optional plans are entitled to cost-of-living allowance increases. The annual increase is paid on July 1st of each year. The annual COLA increase is $360 under a Single Life Annuity Plan with proportional reductions for optional payment plans.

Funding Policy

The Ohio Revised Code (ORC) provides statutory authority for member and employer contributions as follows:

	Police	Firefighters
2022 Statutory Maximum Contribution Rates		
Employer	19.50 %	24.00 %
Employee	12.25 %	12.25 %
2022 Actual Contribution Rates		
Employer:		
Pension	19.00 %	23.50 %
Post-employment Health Care Benefits	0.50	0.50
Total Employer	19.50 %	24.00 %
Employee	12.25 %	12.25 %

Employer contribution rates are expressed as a percentage of covered payroll. The City's contractually required contribution to OP&F was $149,382 for 2022.

Pension Liabilities (Asset), Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

The net pension liability (asset) for OPERS was measured as of December 31, 2021, and the total pension liability used to calculate the net pension liability (asset) was determined by an actuarial valuation as of that date. OP&F's total pension liability was measured as of December 31, 2021, and was determined by rolling forward the total pension liability as of January 1, 2021, to December 31, 2021. The City's proportion of the net pension liability (asset) was based on the City's share of contributions to the pension plan relative to the contributions of all participating entities. Following is information related to the proportionate share of the City's defined benefit pension plans:

	OPERS Traditional Plan	OPF	Total
Proportionate Share of the:			
Net Pension Liability	$658,534	$1,640,585	$2,299,119
Proportion of the Net Pension Liability:			
Current Measurement Date	0.00756900%	0.02626020%	
Prior Measurement Date	0.00736500%	0.02739050%	
Change in Proportionate Share	0.00020400%	-0.00113030%	

Actuarial Assumptions – OPERS

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and cost trends. Actuarially determined amounts are subject to continual review or modification as actual results are compared with past expectations and new estimates are made about the future.

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employers and plan members) and include the types of benefits provided at the time of each valuation. The total pension liability was determined by an actuarial valuation as of December 31, 2021, using the following key actuarial assumptions and methods applied to all periods included in the measurement in accordance with the requirements of GASB 67. In 2021, the Board's actuarial consultants conducted an experience study for the period 2016 through 2020, comparing assumptions to actual results. The experience study incorporates both a historical review and forward-looking projections to determine the appropriate set of assumptions to keep the plan on a path toward full funding. Information from this study led to changes in both demographic and economic assumptions, with the most notable being a reduction in the actuarially assumed rate of return from 7.2 percent down to 6.9 percent, for the defined benefit investments. Key actuarial assumptions and methods used in the latest actuarial valuation, prepared as of December 31, 2021, reflecting experience study results, are presented below:

	OPERS Traditional Plan
Wage Inflation	2.75 percent
Future Salary Increases, including inflation	2.75 to 10.75 percent including wage inflation
COLA or Ad Hoc COLA:	
Pre-January 7, 2013 Retirees	3.0 percent, simple
Post-January 7, 2013 Retirees	3.0 percent, simple through 2022, then 2.05 percent, simple
Investment Rate of Return	6.9 percent
Actuarial Cost Method	Individual Entry Age

Key actuarial assumptions and methods used in the prior actuarial valuation, prepared as of December 31, 2020, are presented below:

	OPERS Traditional Plan
Wage Inflation	2.75 percent
Future Salary Increases, including inflation	2.75 to 10.75 percent including wage inflation
COLA or Ad Hoc COLA:	
Pre-January 7, 2013 Retirees	3.0 percent, simple
Post-January 7, 2013 Retirees	3.0 percent, simple through 2022, then 2.05 percent, simple
Investment Rate of Return	6.9 percent
Actuarial Cost Method	Individual Entry Age

For 2021, pre-retirement mortality rates are based on 130 percent of the Pub-2010 General Employee Mortality tables (males and females) for State and Local Government divisions and 170 percent of the Pub-2010 Safety Employee Mortality tables (males and females) for the Public Safety and Law Enforcement divisions. Post-retirement mortality rates are based on 115 percent of the PubG-2010 Retiree Mortality Tables (males and females) for all divisions. Post-retirement mortality rates for disabled retirees are based on the PubNS-2010 Disabled Retiree Mortality Tables (males and females) for all divisions. For all of the previously described tables, the base year is 2010 and mortality rates for a particular calendar year are determined by applying the MP-2020 mortality improvement scales (males and females) to all of these tables.

For 2020, pre-retirement mortality rates are based on the RP-2014 Employees mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates are based on the RP-2014 Healthy Annuitant mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates for disabled retirees are based on the RP-2014 Disabled mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Mortality rates for a particular calendar year are determined by applying the MP-2015 mortality improvement scale to all of the above described tables.

The most recent experience study was completed for the five-year period ended December 31, 2020.

During 2021, OPERS managed investments in three investment portfolios: the Defined Benefit portfolio, the Health Care portfolio, and the Defined Contribution portfolio. The Defined Benefit portfolio contains the investment assets for the Traditional Pension Plan, the defined benefit component of the Combined Plan and the annuitized accounts of the Member-Directed Plan. Within the Defined Benefit portfolio contributions into the plans are all recorded at the same time, and benefit payments all occur on the first of the month. Accordingly, the money-weighted rate of return is considered to be the same for all plans within the portfolio. The annual money-weighted rate of return expressing investment performance, net of investment expenses and adjusted for the changing amounts actually invested, for the Defined Benefit portfolio was 15.3 percent for 2021.

The allocation of investment assets with the Defined Benefit portfolio is approved by the Board of Trustees as outlined in the annual investment plan. Plan assets are managed on a total return basis with a long-term objective of achieving and maintaining a fully funded status for the benefits provided through the defined benefit pension plans. The long-term expected rate of return on defined benefit investment assets was determined using a building-block method in which best-estimate ranges of expected future real rates of return are developed for each major asset class. These ranges are combined to produce the long-term expected real rate of return by weighting the expected future real rates of return by the target asset allocation percentage, adjusted for inflation. Best estimates of geometric rates of return were provided by the Board’s investment consultant. For each major class that is included in the Defined Benefit portfolio’s target asset allocation as of December 31, 2021, these best estimates are summarized below:

Asset Class	Target Allocation	Weighted Average Long-Term Expected Real Rate of Return (Geometric)
Fixed Income	24.00%	1.03%
Domestic Equities	21.00	3.78
Real Estate	11.00	3.66
Private Equity	12.00	7.43
International Equities	23.00	4.88
Risk Parity	5.00	2.92
Other investments	4.00	2.85
Total	100.00%	4.21%

Discount Rate

The discount rate used to measure the total pension liability for the current year was 6.9 percent for the traditional plan and the combined plan. The discount rate for the prior year was 7.2 percent. The projection of cash flows used to determine the discount rate assumed that contributions from plan members and those of the contributing employers are made at the contractually required rates, as actuarially determined. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefits payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments for the traditional pension plan, combined plan and member-directed plan was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount Rate

The following table presents the City's proportionate share of the net pension liability (asset) calculated using the current period discount rate assumption of 6.9 percent, as well as what the City's proportionate share of the net pension liability (asset) would be if it were calculated using a discount rate that is one-percentage-point lower (5.9 percent) or one-percentage-point higher (7.9 percent) than the current rate:

	1% Decrease (5.90%)	Current Discount Rate (6.90%)	1% Increase (7.90%)
Proportionate share of the net pension liability	$1,736,253	$658,534	($238,272)

Actuarial Assumptions – OP&F

OP&F's total pension liability as of December 31, 2021, is based on the results of an actuarial valuation date of January 1, 2021, and rolled-forward using generally accepted actuarial procedures. The total pension liability is determined by OP&F's actuaries in accordance with GASB Statement No. 67, as part of their annual valuation. Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about probability of occurrence of events far into the future. Examples include assumptions about future employment mortality, salary increases, disabilities, retirements and employment terminations. Actuarially determined amounts are subject to continual review and potential modifications, as actual results are compared with past expectations and new estimates are made about the future. Assumptions considered are: withdrawal rates, disability retirement, service retirement, DROP elections, mortality, percent married and forms of the payment, DROP interest rate, CPI-based COLA, investment returns, salary increases and payroll growth.

Key methods and assumptions used in the latest actuarial valuation, reflecting experience study results, prepared as of January 1, 2021, are presented below.

Valuation Date	January 1, 2021, with actuarial liabilities rolled forward to December 31, 2021
Actuarial Cost Method	Entry Age Normal
Investment Rate of Return	7.5 percent
Projected Salary Increases	3.75 percent to 10.5 percent
Payroll Growth	3.25 percent per annum, compounded annually, consisting of Inflation rate of 2.75 percent plus productivity increase rate of 0.5 percent
Cost of Living Adjustments	2.2 percent simple per year

In February 2022, the OP&F Board adopted a change in the investment rate of return, changing it from 8 percent for the 2020 measurement period to 7.5 percent for the 2021 measurement period.

Mortality for non-disabled participants is based on the RP-2014 Total Employee and Healthy Annuitant Mortality Tables rolled back to 2006, adjusted according to the rates in the following table, and projected with the Buck Modified 2016 Improvement Scale. Rates for surviving beneficiaries are adjusted by 120 percent.

Age	Police	Fire
67 or less	77 %	68 %
68-77	105	87
78 and up	115	120

Mortality for disabled retirees is based on the RP-2014 Disabled Mortality Tables rolled back to 2006, adjusted according to the rates in the following table, and projected with the Buck Modified 2016 Improvement Scale.

Age	Police	Fire
59 or less	35 %	35 %
60-69	60	45
70-79	75	70
80 and up	100	90

The most recent experience study was completed for the five-year period ended December 31, 2016.

The long-term expected rate of return on pension plan investments was determined using a building-block approach and assumes a time horizon, as defined in the Statement of Investment Policy. A forecasted rate of inflation serves as the baseline for the return expected. Various real return premiums over the baseline inflation rate have been established for each asset class. The long-term expected nominal rate of return has been determined by calculating a weighted averaged of the expected real return premiums for each asset class, adding the projected inflation rate and adding the expected return from rebalancing uncorrelated asset classes. Best estimates of the long-term expected geometric real rates of return for each major asset class included in OP&F's target asset allocation as of December 31, 2021, are summarized below:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Cash and Cash Equivalents	0.00 %	0.00 %
Domestic Equity	21.00	3.60
Non-US Equity	14.00	4.40
Private Markets	8.00	6.80
Core Fixed Income *	23.00	1.10
High Yield Fixed Income	7.00	3.00
Private Credit	5.00	4.50
U.S. Inflation Linked Bonds*	17.00	0.80
Midstream Energy Infrastructure	5.00	5.00
Real Assets	8.00	5.90
Gold	5.00	2.40
Private Real Estate	12.00	4.80
Total	125.00 %	

Note: Assumptions are geometric.
* levered 2x

OP&F's Board of Trustees has incorporated the risk parity concept into OP&F's asset liability valuation with the goal of reducing equity risk exposure, which reduces overall Total Portfolio risk without sacrificing return, and creating a more risk-balanced portfolio based on their relationship between asset classes and economic environments. From the notional portfolio perspective above, the Total Portfolio may be levered up to 1.25 times due to the application of leverage in certain fixed income asset classes.

Discount Rate

For 2021, the total pension liability was calculated using the discount rate of 7.50 percent. The projection of cash flows used to determine the discount rate assumed the contributions from employers and from the members would be computed based on contribution requirements as stipulated by State statute. Projected inflows from investment earning were calculated using the longer-term assumed investment rate of return of 7.50 percent. Based on those assumptions, the plan's fiduciary net position was projected to be available to make all future benefit payments of current plan members. Therefore, a long-term expected rate of return on pension plan investments was applied to all periods of projected benefits to determine the total pension liability.

Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount Rate

Net pension liability is sensitive to changes in the discount rate, and to illustrate the potential impact, the following table presents the net pension liability calculated using the discount rate of 7.50 percent, as well as what the net pension liability would be if it were calculated using a discount rate that is one percentage point lower (6.50 percent), or one percentage point higher (8.50 percent) than the current rate.

	1% Decrease (6.50%)	Current Discount Rate (7.50%)	1% Increase (8.50%)
Proportionate share of the net pension liability	$2,432,965	$1,640,585	$980,729

Note 8 – Postemployment Benefits

See Note 7 for a description of the net OPEB liability (asset).

Plan Description – Ohio Public Employees Retirement System (OPERS)

Plan Description

The Ohio Public Employees Retirement System (OPERS) administers three separate pension plans: the traditional pension plan, a cost-sharing, multiple-employer defined benefit pension plan; the member-directed plan, a defined contribution plan; and the combined plan, a cost-sharing, multiple-employer defined benefit pension plan that has elements of both a defined benefit and defined contribution plan.

OPERS maintains a cost-sharing, multiple-employer defined benefit post-employment health care trust, which funds multiple health care plans including medical coverage, prescription drug coverage and deposits to a Health Reimbursement Arrangement (HRA) to qualifying benefit recipients of both the traditional pension and the combined plans. Currently, Medicare-eligible retirees are able to select medical and prescription drug plans from a range of options and may elect optional vision and dental plans. Retirees and eligible dependents enrolled in Medicare Parts A and B have the option to enroll in a Medicare supplemental plan with the assistance of the OPERS Medicare Connector. The OPERS Medicare Connector is a relationship with a vendor selected by OPERS to assist retirees, spouses and dependents with selecting a medical and pharmacy plan. Monthly allowances, based on years of service and the age at which the retiree first enrolled in OPERS coverage, are deposited into an HRA. For non-Medicare retirees and eligible dependents, OPERS sponsors medical and prescription coverage through a professionally managed self-insured plan. An allowance to offset a portion of the monthly premium is offered to retirees and eligible dependents. The allowance is based on the retiree's years of service and age when they first enrolled in OPERS coverage.

OPERS provides a monthly allowance for health care coverage for eligible retirees and their eligible dependents. The base allowance is determined by OPERS. For those retiring on or after January 1, 2015, the allowance has been determined by applying a percentage to the base allowance. The percentage applied is based on years of qualifying service credit and age when the retiree first enrolled in OPERS health care. Monthly allowances range between 51 percent and 90 percent of the base allowance. Those who retired prior to January 1, 2015, will have an allowance of at least 75 percent of the base allowance.

The heath care trust is also used to fund health care for member-directed plan participants, in the form of a Retiree Medical Account (RMA). At retirement or separation, member directed plan participants may be eligible for reimbursement of qualified medical expenses from their vested RMA balance.

Effective January 1, 2022, OPERS discontinued the group plans currently offered to non-Medicare retirees and re-employed retirees. Instead, eligible non-Medicare retirees will select an individual medical plan. OPERS will provide a subsidy or allowance via an HRA allowance to those retirees who meet health care eligibility requirements. Retirees will be able to seek reimbursement for plan premiums and other qualified medical expenses.

In order to qualify for postemployment health care coverage, age and service retirees under the traditional pension and combined plans must have twenty or more years of qualifying Ohio service credit with a minimum age of 60. Members in Group A are eligible for coverage at any age with 30 or more years of qualifying service. Members in Group B are eligible at any age with 32 years of qualifying service, or at age 52 with 31 years of qualifying service. Members in Group C are eligible for coverage with 32 years of qualifying service and a minimum age of 55. Current retirees eligible (or who became eligible prior to January 1, 2022) to participate in the OPERS health care program will continue to be eligible after January 1, 2022. Eligibility requirements change for those retiring after January 1, 2022, with differing eligibility requirements for Medicare retirees and non-Medicare retirees. The health care coverage provided by OPERS meets. the definition of an Other Post Employment Benefit (OPEB) as described in GASB Statement 75. See OPERS' Annual Comprehensive Financial Report referenced below for additional information.

The Ohio Revised Code permits, but does not require, OPERS to provide health care to its eligible benefit recipients. Authority to establish and amend health care coverage is provided to the Board in Chapter 145 of the Ohio Revised Code.

Disclosures for the health care plan are presented separately in the OPERS financial report. Interested parties may obtain a copy by visiting www.opers.org/financial/reports.shtml, by writing to OPERS, 277 East Town Street, Columbus, Ohio 43215-4642, or by calling (614) 222-5601 or 800-222-7377.

Funding Policy
The Ohio Revised Code provides the statutory authority allowing public employers to fund postemployment health care through their contributions to OPERS. When funding is approved by OPERS Board of Trustees, a portion of each employer's contribution to OPERS is set aside to fund OPERS health care plans. Beginning in 2018, OPERS no longer allocated a portion of its employer contributions to health care for the traditional plan and the combined plan.

Employer contribution rates are expressed as a percentage of the earnable salary of active members. In 2022, state and local employers contributed at a rate of 14.0 percent of earnable salary and public safety and law enforcement employers contributed at 18.1 percent. These are the maximum employer contribution rates permitted by the Ohio Revised Code. Active member contributions do not fund health care.

Each year, the OPERS Board determines the portion of the employer contribution rate that will be set aside to fund health care plans. For 2022, OPERS did not allocate any employer contribution to health care for members in the Traditional Pension Plan and Combined Plan. The OPERS Board is also authorized to establish rules for the retiree or their surviving beneficiaries to pay a portion of the health care provided. Payment amounts vary depending on the number of covered dependents and the coverage selected. The employer contribution as a percentage of covered payroll deposited into the RMA for participants in the member-directed plan for 2022 was 4.0 percent.

Employer contribution rates are actuarially determined and are expressed as a percentage of covered payroll. The City's contractually required contribution was $0 for 2022.

Plan Description – Ohio Police & Fire Pension Fund (OP&F)
Plan Description
The City contributes to the Ohio Police and Fire Pension Fund (OP&F) sponsored healthcare program, a cost-sharing, multiple-employer defined post-employment health care plan administered by a third-party provider. This program is not guaranteed and is subject to change at any time upon action of the Board of Trustees. On January 1, 2019, OP&F implemented a new model for health care. Under this new model, OP&F provides eligible retirees with a fixed stipend earmarked to pay for health care and Medicare Part B reimbursements.

OP&F contracted with a vendor who assists eligible retirees in choosing health care plans that are available where they live (both Medicare-eligible and pre-65 populations). A stipend funded by OP&F is available to these members through a Health Reimbursement Arrangement and can be used to reimburse retirees for qualified health care expenses.

Regardless of a benefit recipient's participation in the health care program, OP&F is required by law to pay eligible recipients of a service pension, disability benefit and spousal survivor benefit for their Medicare Part B insurance premium, up to the statutory maximum provided the benefit recipient is not eligible to receive reimbursement from any other source. Once OP&F receives the necessary documentation, a monthly reimbursement is included as part of the recipient's next benefit payment. The stipend provided by OP&F meets the definition of an Other Post Employment Benefit (OPEB) as described in Governmental Accounting Standards Board (GASB) Statement No. 75.

OP&F maintains funds for health care in two separate accounts: one account for health care benefits and one account for Medicare Part B reimbursements. A separate health care trust accrual account is maintained for health care benefits under IRS Code Section 115 trust. IRS Code Section 401(h) account is maintained for Medicare Part B reimbursements.

The Ohio Revised Code allows, but does not mandate, OP&F to provide OPEB benefits. Authority for the OP&F Board of Trustees to provide health care coverage to eligible participants and to establish and amend benefits is codified in Chapter 742 of the Ohio Revised Code.

OP&F issues a publicly available financial report that includes financial information and required supplementary information for the plan. The report may be obtained by visiting the OP&F website at www.op-f.org or by writing to the Ohio Police and Fire Pension Fund, 140 East Town Street, Columbus, Ohio 43215-5164.

Funding Policy

The Ohio Revised Code provides for contribution requirements of the participating employers and of plan members to the OP&F defined benefit pension plan. Participating employers are required to contribute to the pension plan at rates expressed as percentages of the payroll of active pension plan members, currently 19.5 percent and 24 percent of covered payroll for police and fire employer units, respectively. The Ohio Revised Code states that the employer contribution may not exceed 19.5 percent of covered payroll for police employer units and 24 percent of covered payroll for fire employer units. Active members do not make contributions to the OPEB Plan.

The Board of Trustees is authorized to allocate a portion of the total employer contributions for retiree health care benefits. For 2022, the portion of employer contributions allocated to health care was 0.5 percent of covered payroll. The amount of employer contributions allocated to the health care plan each year is subject to the Trustees' primary responsibility to ensure that pension benefits are adequately funded.

The OP&F Board of Trustees is also authorized to establish requirements for contributions to the health care plan by retirees and their eligible dependents or their surviving beneficiaries. Payment amounts vary depending on the number of covered dependents and the coverage selected.

The City's contractually required contribution to OP&F was $3,921 for 2022.

Net OPEB Liability (Asset)

The net OPEB liability (asset) and total OPEB liability for OPERS were determined by an actuarial valuation as of December 31, 2020, rolled forward to the measurement date of December 31, 2021, by incorporating the expected value of health care cost accruals, the actual health care payment, and interest accruals during the year. OP&F's total OPEB liability was measured as of December 31, 2021, and was determined by rolling forward the total OPEB liability as of January 1, 2021, to December 31, 2021. The City's proportion of the net OPEB liability (asset) was based on the City's share of contributions to the retirement plan relative to the contributions of all participating entities. Following is information related to the proportionate share:

	OPERS Traditional Plan	OPF	Total
Proportionate Share of the:			
Net OPEB Liability/(Asset)	($257,682)	$287,834	$30,152
Proportion of the Net OPEB Liability/Asset:			
Current Measurement Date	0.00822700%	0.02626020%	
Prior Measurement Date	0.00807500%	0.02739050%	
Change in Proportionate Share	0.00015200%	-0.00113030%	

Actuarial Assumptions - OPERS

Actuarial valuations of an ongoing plan involve estimates of the values of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and cost trends. Actuarially determined amounts are subject to continual review or modification as actual results are compared with past expectations and new estimates are made about the future.

Projections of health care costs for financial reporting purposes are based on the substantive plan (the plan as understood by the employers and plan members) and include the types of coverage provided at the time of each valuation and the historical pattern of sharing of costs between OPERS and plan members. In 2021, the Board's actuarial consultants conducted an experience study for the period 2016 through 2020, comparing historical assumptions to actual results. The experience study incorporates both a historical review and forward-looking projections to determine the appropriate set of assumptions to keep the plan on a path toward full funding. Information from this study led to changes in both demographic and economic assumptions. The actuarial valuation used for 2021 compared to those used for 2020 are as follows:

	December 31, 2021	December 31, 2020
Wage Inflation	2.75 percent	3.25 percent
Projected Salary Increases,	2.75 to 10.75 percent including wage inflation	3.25 to 10.75 percent including wage inflation
Single Discount Rate	6.00 percent	6.00 percent
Investment Rate of Return	6.00 percent	6.00 percent
Municipal Bond Rate	1.84 percent	2.00 percent
Health Care Cost Trend Rate	5.5 percent, initial 3.50 percent, ultimate in 2034	8.5 percent, initial 3.50 percent, ultimate in 2035
Actuarial Cost Method	Individual Entry Age	Individual Entry Age

For 2021, pre-retirement mortality rates are based on 130 percent of the Pub-2010 General Employee Mortality tables (males and females) for State and Local Government divisions and 170 percent of the Pub-2010 Safety Employee Mortality tables (males and females) for the Public Safety and Law Enforcement divisions. Post-retirement mortality rates are based on 115 percent of the PubG-2010 Retiree Mortality Tables (males and females) for all divisions. Post-retirement mortality rates for disabled retirees are based on the PubNS-2010 Disabled Retiree Mortality Tables (males and females) for all divisions. For all of the previously described tables, the base year is 2010 and mortality rates for a particular calendar year are determined by applying the MP-2020 mortality improvement scales (males and females) to all of these tables.

For 2020, pre-retirement mortality rates are based on the RP-2014 Employees mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates are based on the RP-2014 Healthy Annuitant mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates for disabled retirees are based on the RP-2014 Disabled mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Mortality rates for a particular calendar year are determined by applying the MP-2015 mortality improvement scale to all of the above-described tables.

The most recent experience study was completed for the five-year period ended December 31, 2020.

During 2021, OPERS managed investments in three investment portfolios: the Defined Benefit portfolio, the Health Care portfolio and the Defined Contribution portfolio. The Health Care portfolio includes the assets for health care expenses for the Traditional Pension Plan, Combined Plan and Member-Directed Plan eligible members. Within the Health Care portfolio, if any contributions are made into the plans, the contributions are assumed to be received continuously throughout the year based on the actual payroll payable at the time contributions are made. Health care-related payments are assumed to occur mid-year. Accordingly, the money-weighted rate of return is considered to be the same for all plans within the portfolio. The annual money-weighted rate of return expressing investment performance, net of investment expenses and adjusted for the changing amounts actually invested, for the Health Care portfolio was 14.3 percent for 2021.

The allocation of investment assets within the Health Care portfolio is approved by the Board of Trustees as outlined in the annual investment plan. Assets are managed on a total return basis with a long-term objective of continuing to offer a sustainable health care program for current and future retirees. OPERS' primary goal is to achieve and maintain a fully funded status for the benefits provided through the defined pension plans. Health care is a discretionary benefit. The long-term expected rate of return on health care investment assets was determined using a building-block method in which best-estimate ranges of expected future rates of return are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future rates of return by the target asset allocation percentage, adjusted for inflation. Best estimates of geometric rates of return were provided by the Board's investment consultant. For each major asset class that is included in the Health Care's portfolio's target asset allocation as of December 31, 2021, these best estimates are summarized in the following table:

Asset Class	Target Allocation	Weighted Average Long-Term Expected Real Rate of Return (Geometric)
Fixed Income	34.00%	0.91%
Domestic Equities	25.00	3.78
Real Estate	0.00	0.00
Real Estate Investment Trust	7.00	3.71
International Equities	25.00	4.88
Risk Parity	2.00	2.92
Other investments	7.00	1.93
Total	100.00%	3.45%

Discount Rate

A single discount rate of 6.0 percent was used to measure the OPEB liability on the measurement date of December 31, 2021. Projected benefit payments are required to be discounted to their actuarial present value using a single discount rate that reflects (1) a long-term expected rate of return on OPEB plan investments (to the extent that the health care fiduciary net position is projected to be sufficient to pay benefits), and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate are not met). This single discount rate was based on an expected rate of return on the health care investment portfolio of 6.00 percent and a municipal bond rate of 1.84 percent (Fidelity Index's "20-Year Municipal GO AA Index"). The projection of cash flows used to determine this single discount rate assumed that employer contributions will be made at rates equal to the actuarially determined contribution rate. Based on these assumptions, the health care fiduciary net position and future contributions were sufficient to finance health care costs through 2121. As a result, the actuarial assumed long-term expected rate of return on health care investments was applied to projected costs through the year 2121, the duration of the projection period through which projected health care payments are fully funded.

Sensitivity of the City's Proportionate Share of the Net OPEB Asset to Changes in the Discount Rate

The following table presents the City's proportionate share of the net OPEB asset calculated using the single discount rate of 6.00 percent, as well as what the City's proportionate share of the net OPEB liability would be if it were calculated using a discount rate that is one-percentage-point lower (5.00 percent) or one-percentage-point higher (7.00 percent) than the current rate

	1% Decrease (5.00%)	Current Discount Rate (6.00%)	1% Increase (7.00%)
Proportionate share of the net OPEB (asset)	($151,541)	($257,682)	($345,781)

Sensitivity of the Proportionate Share of the Net OPEB Asset to Changes in the Health Care Cost Trend Rate

Changes in the health care cost trend rate may also have a significant impact on the net OPEB liability. The following table presents the net OPEB asset calculated using the assumed trend rates, and the expected net OPEB asset if it were calculated using a health care cost trend rate that is 1.0 percent lower or 1.0 percent higher than the current rate.

Retiree health care valuations use a health care cost-trend assumption that changes over several years built into the assumption. The near-term rates reflect increases in the current cost of health care; the trend starting in 2022 is 5.50 percent. If this trend continues for future years, the projection indicates that years from now virtually all expenditures will be for health care. A more reasonable alternative is the health plan cost trend will decrease to a level at, or near, wage inflation. On this basis, the actuaries project premium rate increases will continue to exceed wage inflation for approximately the next decade, but by less each year, until leveling off at an ultimate rate, assumed to be 3.50 percent in the most recent valuation.

	1% Decrease	Current Health Care Cost Trend Rate Assumption	1% Increase
Proportionate share of the net OPEB (asset)	($260,467)	($257,682)	($254,379)

Actuarial Assumptions – OP&F

OP&F's total OPEB liability as of December 31, 2021, is based on the results of an actuarial valuation date of January 1, 2021, and rolled-forward using generally accepted actuarial procedures. The total OPEB liability is determined by OP&F's actuaries in accordance with GASB Statement No. 74, as part of their annual valuation. Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, salary increases, disabilities, retirements and employment terminations. Actuarially determined amounts are subject to continual review and potential modifications, as actual results are compared with past expectations and new estimates are made about the future.

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employers and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing benefit costs between the employers and plan members to that point. The projection of benefits for financial reporting purposes does not explicitly incorporate the potential effects of legal or contractual funding limitations.

Actuarial calculations reflect a long-term perspective. For a newly hired employee, actuarial calculations will take into account the employee's entire career with the employer and also take into consideration the benefits, if any, paid to the employee after termination of employment until the death of the employee and any applicable contingent annuitant. In many cases, actuarial calculations reflect several decades of service with the employer and the payment of benefits after termination.

Key methods and assumptions used in the latest actuarial valuation, reflecting experience study results, are presented below.

Valuation Date	January 1, 2021, with actuarial liabilities rolled forward to December 31, 2021
Actuarial Cost Method	Entry Age Normal
Investment Rate of Return	7.5 percent
Projected Salary Increases	3.75 percent to 10.5 percent
Payroll Growth	3.25 percent
Blended discount rate:	
Current measurement date	2.84 percent
Prior measurement date	2.96 percent
Cost of Living Adjustments	2.2 percent simple per year

In February 2022, the OP&F Board adopted a change in the investment rate of return, changing it from 8 percent for the 2020 measurement period to 7.5 percent for the 2021 measurement period.

Mortality for non-disabled participants is based on the RP-2014 Total Employee and Healthy Annuitant Mortality Tables rolled back to 2006, adjusted according to the rates in the following table, and projected with the Buck Modified 2016 Improvement Scale. Rates for surviving beneficiaries are adjusted by 120 percent.

Age	Police	Fire
67 or less	77 %	68 %
68-77	105	87
78 and up	115	120

Mortality for disabled retirees is based on the RP-2014 Disabled Mortality Tables rolled back to 2006, adjusted according to the rates in the following table, and projected with the Buck Modified 2016 Improvement Scale.

Age	Police	Fire
59 or less	35 %	35 %
60-69	60	45
70-79	75	70
80 and up	100	90

The most recent experience study was completed for the five-year period ended December 31, 2016.

The long-term expected rate of return on OPEB plan investments was determined using a building-block approach and assumes a time horizon, as defined in the Statement of Investment Policy. A forecasted rate of inflation serves as the baseline for the return expected. Various real return premiums over the baseline inflation rate have been established for each asset class. The long-term expected nominal rate of return has been determined by calculating a weighted averaged of the expected real return premiums for each asset class, adding the projected inflation rate and adding the expected return from rebalancing uncorrelated asset classes. Best estimates of the long-term expected geometric real rates of return for each major asset class included in OP&F's target asset allocation as of December 31, 2021, are summarized below:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Cash and Cash Equivalents	- %	0.00 %
Domestic Equity	21.00	3.60
Non-US Equity	14.00	4.40
Private Markets	8.00	6.80
Core Fixed Income *	23.00	1.10
High Yield Fixed Income	7.00	3.00
Private Credit	5.00	4.50
U.S. Inflation Linked Bonds*	17.00	0.80
Midstream Energy Infrastructure	5.00	5.00
Real Assets	8.00	5.90
Gold	5.00	2.40
Private Real Estate	12.00	4.80
Total	125.00 %	

Note: Assumptions are geometric.
* levered 2x

OP&F's Board of Trustees has incorporated the risk parity concept into OP&F's asset liability valuation with the goal of reducing equity risk exposure, which reduces overall Total Portfolio risk without sacrificing return, and creating a more risk-balanced portfolio based on the relationship between asset classes and economic environments. From the notional portfolio perspective above, the Total Portfolio may be levered up to 1.2 times due to the application of leverage in certain fixed income asset classes.

Discount Rate
For 2021, the total OPEB liability was calculated using the discount rate of 2.84 percent. For 2020, the total OPEB liability was calculated using the discount rate of 2.96 percent. The projection of cash flows used to determine the discount rate assumed the contribution from employers and from members would be computed based on contribution requirements as stipulated by State statute. Projected inflows from investment earnings were calculated using the longer-term assumed investment rate of return of 7.5 percent. Based on those assumptions, OP&F's fiduciary net position was projected to not be able to make all future benefit payments of current plan members. Therefore, a municipal bond rate of 2.05 percent at December 31, 2021, and 2.12 percent at December 31, 2020, was blended with the long-term rate of 7.5 percent for 2021 and 8 percent for 2020, which resulted in a blended discount rate of 2.84 percent for 2021 and 2.96 percent for 2020. The municipal bond rate was determined using the Bond Buyers General Obligation 20-year Municipal Bond Index Rate. The OPEB plan's fiduciary net position was projected to be available to make all projected OPEB payments until 2037. The long-term expected rate of return on health care investments was applied to projected costs through 2037, and the municipal bond rate was applied to all health care costs after that date.

Sensitivity of the Proportionate Share of the Net OPEB Liability to Changes in the Discount Rate
Net OPEB liability is sensitive to changes in the discount rate, and to illustrate the potential impact the following table presents the net OPEB liability calculated using the discount rate of 2.84 percent, as well as what the net OPEB liability would be if it were calculated using a discount rate that is one percentage point lower (1.84 percent), or one percentage point higher (3.84 percent) than the current rate.

	1% Decrease (1.84%)	Current Discount Rate (2.84%)	1% Increase (3.84%)
Proportionate share of the net OPEB liability	$361,814	$287,834	$227,023

Sensitivity of the Proportionate Share of the Net OPEB Liability to Changes in the Health Care Cost Trend Rate

The total OPEB liability is based on a medical benefit that is a flat dollar amount; therefore, it is unaffected by a health care cost trend rate. An increase or decrease in the trend rate would have no effect on the total OPEB liability.

Note 9 – Risk Management

The City is exposed to various risks of property and casualty losses, and injuries to employees. The City insures against injuries to employees through the Ohio Bureau of Worker's Compensation.

The City belongs to the Public Entities Pool of Ohio (PEP), a risk-sharing pool available to Ohio local Cities. PEP provides property and casualty coverage for its members. York Insurance Services Group, Inc. (York) functions as the administrator of PEP and provides underwriting, claims, loss control, risk management, and reinsurance services for PEP. PEP is a member of the American Public Entity Excess Pool (APEEP), which is also administered by York. Member Cities pay annual contributions to fund PEP. PEP pays judgments, settlements and other expenses resulting from covered claims that exceed the members' deductibles.

Casualty and Property Coverage

APEEP provides PEP with an excess risk-sharing program. Under this arrangement, PEP retains insured risks up to an amount specified in the contracts. At December 31, 2020, PEP retained $350,000 for casualty claims and $100,000 for property claims.

The aforementioned casualty and property reinsurance agreement does not discharge PEP's primary liability for claims payments on covered losses. Claims exceeding coverage limits are the obligation of the respective government.

Financial Position

PEP's financial statements (audited by other auditors) conform with generally accepted accounting principles, and reported the following assets, liabilities and net position at December 31, (the most recent information available):

PEP Financial Data
Casualty & Property Coverage

	2020	2019
Assets	$57,336,449	$54,973,597
Liabilities	(16,156,805)	(16,440,940)
Net Position:		
Unrestricted	$41,179,644	$38,532,657

At December 31, 2020 the liabilities above include approximately $14.1 million of estimated incurred claims payable. The assets above also include approximately $13.5 million of unpaid claims to be billed. The Pool's membership increased to over 571 members in 2020. These amounts will be included in future contributions from members when the related claims are due for payment.

Based on discussions with PEP, the expected rates PEP charges to compute member contributions, which are used to pay claims as they become due, are not expected to change significantly from those used to determine the historical contributions detailed below. By contract, the annual liability of each member is limited to the amount of financial contributions required to be made to PEP for each year of membership.

After one year of membership, a member may withdraw on the anniversary of the date of joining PEP, if the member notifies PEP in writing 60 days prior to the anniversary date. Upon withdrawal, members are eligible for a full or partial refund of their capital contributions, minus the subsequent year's contribution. Withdrawing members have no other future obligation to PEP. Also upon withdrawal, payments for all casualty claims and claim expenses become the sole responsibility of the withdrawing member, regardless of whether a claim occurred or was reported prior to the withdrawal.

Note 10 – Contingent Liability

The City is not party to any legal proceedings.

Note 11 – Interfund Transfers and Advances

Activity for the years ending December 31, 2022:

Fund	Transfer In	Transfer Out
Major Funds:		
General Fund	$0	$1,729,640
Police Levy Fund	1,209,640	0
Street Capital Improvement	408,000	0
Other Government Funds	50,000	0
Other Enterprise Funds	62,000	0
	$1,729,640	$1,729,640

Transfers are used to move revenues from the fund that statute or budget requires to collect them to the fund that statute or budget requires to expend them and unrestricted revenues collected in the General Fund to finance various programs accounted for in other funds in accordance with budgetary authorizations; to segregate and to return money to the fund from which it was originally provided once a project is completed.

Transfers represent the allocation of unrestricted receipts collected in the General Fund to finance various programs accounted for in other funds in accordance with budgetary authorizations.

Note 12 – Fund Balances

Fund balance is classified as nonspendable, restricted, committed, assigned and/or unassigned based primarily on the extent to which the City is bound to observe constraints imposed upon the use of the resources in the governmental funds. The constraints placed on the fund balance for the major governmental funds and all other governmental funds are presented below:

Fund Balances	General	Police Levy	Emergency Medical Services	Fire Services	EMS Capital Improvements	Street Capital Improvements	Other Governmental Funds	Total
Nonspendable								
Unclaimed Monies	$37,299	$0	$0	$0	$0	$0	$0	$37,299
Permanent Endowment	0	0	0	0	0	0	25,739	25,739
Total Nonspendable	37,299	0	0	0	0	0	25,739	63,038
Restricted for:								
Street Capital Improvement	0	0	0	0	0	21,637	0	21,637
Emergency Medical Services	0	0	1,327,677	0	0	0	0	1,327,677
Fire Services	0	0	0	741,082	0	0	0	741,082
Drug Law Enforcement	0	0	0	0	0	0	12,405	12,405
Law Enforcement Trust	0	0	0	0	0	0	10,490	10,490
Federal Law Enforcement	0	0	0	0	0	0	2,374	2,374
Senior Citizens	0	0	0	0	0	0	210,573	210,573
DUI Education and Enforcement	0	0	0	0	0	0	8,012	8,012
Parks Capital Improvement	0	0	0	0	0	0	55,159	55,159
Street Improvements	0	0	0	0	0	0	169,099	169,099
State Highway	0	0	0	0	0	0	51,889	51,889
Motor Vehicle License Tax	0	0	0	0	0	0	72,218	72,218
Permissive Tax	0	0	0	0	0	0	37,384	37,384
Police Levy	0	341,013	0	0	0	0	0	341,013
Street Lights	0	0	0	0	0	0	143,524	143,524
Warren Street Reconstruction	0	0	0	0	0	0	49	49
Fire Capital Improvement	0	0	0	0	0	0	297,306	297,306
Police Professional Training	0	0	0	0	0	0	5,180	5,180
Capital Improvements	0	0	0	0	614,996	0	0	614,996
Coronavirus Fiscal Recorvery	0	0	0	0	0	0	425,335	425,335
OneOhio Opioid Settlement	0	0	0	0	0	0	1,436	1,436
TIF	0	0	0	0	0	0	57,079	57,079
Total Restricted	0	341,013	1,327,677	741,082	614,996	21,637	1,559,512	4,605,917
Assigned to:								
Encumbrances	82,281	0	0	0	0	0	0	82,281
Total Assigned	82,281	0	0	0	0	0	0	82,281
Unassigned (Deficit)	1,295,846	0	0	0	0	0	0	1,295,846
Total Fund Balance	$1,415,426	$341,013	$1,327,677	$741,082	$614,996	$21,637	$1,585,251	$6,047,082

Note 13 – COVID-19

The United States and the State of Ohio declared a state of emergency in March 2020 due to the COVID-19 pandemic. Ohio's state of emergency ended in June, 2021 while the national state of emergency continues. During 2022, the City received COVID-19 funding. The financial impact of COVID-19 and the continuing emergency measures will impact subsequent periods of the City. The impact on the City's future operating costs, revenues, and additional recovery from emergency funding, either federal or state, cannot be estimated.

The City's investment portfolio fluctuates with market conditions, and due to market volatility, the amount of gains or losses that will be realized in subsequent periods, if any, cannot be determined.

Note 14 – Implementation of New Accounting Principles

For fiscal year 2022, the City implemented Governmental Accounting Standards Board (GASB) Statement No. 87, Leases and related guidance from (GASB) Implementation Guide No. 2019-3, GASB Statement No. 91, Conduit Debt Obligations, GASB Statement No. 93, Replacement of Interbank Offered Rates, and GASB Statement No. 97, Certain Component Unit Criteria, and Accounting and Financial Reporting for Internal Revenue Code Section 457 Deferred Compensation Plans—an Amendment of GASB Statements No. 14 and No. 84, and a Supersession of GASB Statement No. 32.

GASB Statement No. 87 sets out to improve the information needs of financial statement users by improving accounting and financial reporting for leases by governments. This Statement increases the usefulness of governments' financial statements by requiring recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. It establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under this Statement, a lessee is required to recognize a lease liability and an intangible right-to-use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources, thereby enhancing the relevance and consistency of information about governments' leasing activities. The implementation of GASB Statement No. 87 did not have an effect on the financial statements of the City.

The primary objectives of GASB Statement No. 91 are to provide a single method of reporting conduit debt obligations by issuers and eliminate diversity in practice associated with (1) commitments extended by issuers, (2) arrangements associated with conduit debt obligations, and (3) related note disclosures. This Statement achieves those objectives by clarifying the existing definition of a conduit debt obligation; establishing that a conduit debt obligation is not a liability of the issuer; establishing standards for accounting and financial reporting of additional commitments and voluntary commitments extended by issuers and arrangements associated with conduit debt obligations; and improving required note disclosures. The implementation of GASB Statement No. 91 did not have an effect on the financial statements of the City.

The objective of GASB Statement No. 93 is to address that some governments have entered into agreements in which variable payments made or received depend on an interbank offered rate (IBOR)—most notably, the London Interbank Offered Rate (LIBOR). As a result of global reference rate reform, LIBOR is expected to cease to exist in its current form at the end of 2021, prompting governments to amend or replace financial instruments for the purpose of replacing LIBOR with other reference rates, by either changing the reference rate or adding or changing fallback provisions related to the reference rate. Also, Statement No. 53, *Accounting and Financial Reporting for Derivative Instruments,* as amended, requires a government to terminate hedge accounting when it renegotiates or amends a critical term of a hedging derivative instrument, such as the reference rate of a hedging derivative instrument's variable payment. In addition, in accordance with Statement No. 87, *Leases,* as amended, replacement of the rate on which variable payments depend in a lease contract would require a government to apply the provisions for lease modifications, including remeasurement of the lease liability or lease receivable. Those and other accounting and financial reporting implications that result from the replacement of an IBOR. This Statement achieves that objective by:

- Providing exceptions for certain hedging derivative instruments to the hedge accounting termination provisions when an IBOR is replaced as the reference rate of the hedging derivative instrument's variable payment
- Clarifying the hedge accounting termination provisions when a hedged item is amended to replace the reference rate
- Clarifying that the uncertainty related to the continued availability of IBORs does not, by itself, affect the assessment of whether the occurrence of a hedged expected transaction is probable
- Removing LIBOR as an appropriate benchmark interest rate for the qualitative evaluation of the effectiveness of an interest rate swap
- Identifying a Secured Overnight Financing Rate and the Effective Federal Funds Rate as appropriate benchmark interest rates for the qualitative evaluation of the effectiveness of an interest rate swap
- Clarifying the definition of *reference rate,* as it is used in Statement 53, as amended

Providing an exception to the lease modifications guidance in Statement 87, as amended, for certain lease contracts that are amended solely to replace an IBOR as the rate upon which variable payments depend. The implementation of GASB Statement No. 93 did not have an effect on the financial statements of the City.

The primary objectives of GASB Statement No. 97 are to (1) increase consistency and comparability related to the reporting of fiduciary component units in circumstances in which a potential component unit does not have a governing board and the primary government performs the duties that a governing board typically would perform; (2) mitigate costs associated with the reporting of certain defined contribution pension plans, defined contribution other postemployment benefit (OPEB) plans, and employee benefit plans other than pension plans or OPEB plans (other employee benefit plans) as fiduciary component units in fiduciary fund financial statements; and (3) enhance the relevance, consistency, and comparability of the accounting and financial reporting for Internal Revenue Code (IRC) Section 457 deferred compensation plans (Section 457 plans) that meet the definition of a pension plan and for benefits provided through those plans. The implementation of GASB Statement No. 97 did not have an effect on the financial statements of the City.

INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS REQUIRED BY *GOVERNMENT AUDITING STANDARDS*

City of Germantown
Montgomery County
75 North Walnut Street
Germantown, Ohio 45327

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the modified cash basis financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the City of Germantown, Ohio (the City), as of and for the year ended December 31, 2022, and the related notes to the financial statements, which collectively comprise the City's basic financial statements, and have issued our report thereon dated May 26, 2023, wherein we noted the City presented financial statements on the modified cash basis of accounting rather than in accordance with accounting principles generally accepted in the United States of America, as disclosed in Note 2.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the City's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the City's internal control. Accordingly, we do not express an opinion on the effectiveness of the City's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses or significant deficiencies may exist that have not been identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the City's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed an instance of noncompliance or other matters that are required to be reported under *Government Auditing Standards* and which are described in the accompanying schedule of findings as item 2022-001.

City's Response to Finding

The City's response to the finding identified in our audit is described in the accompanying schedule of findings. The City's response was not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Plattenburg & Associates, Inc.

Plattenburg & Associates, Inc.
Cincinnati, Ohio
May 26, 2023

CITY OF GERMANTOWN
MONTGOMERY COUNTY

SCHEDULE OF FINDINGS
DECEMBER 31, 2022

Finding 2021–001 – Noncompliance

Ohio Rev. Code § 117.38 provides that each public office shall file a financial report for each fiscal year. The Auditor of State may prescribe forms by rule or may issue guidelines, or both, for such reports. If the Auditor of State has not prescribed a rule regarding the form for the report, the public office shall submit its report on the form utilized by the public office. Ohio Admin. Code 117-2-03 further clarifies the requirements of Ohio Rev. Code 117.38.

Ohio Admin. Code Section 117-2-03 (B) requires the City to prepare its annual financial report in accordance with generally accepted accounting principles. However, the City prepared its financial statements on a modified cash basis, which is a comprehensive basis of accounting other than accounting principles accepted in the United States of America. The accompanying financial statements omit certain assets, liabilities, fund equities, and disclosure that, while material, cannot be determined at this time. The City can be fined and various other administrative remedies may be taken against the City. As such, the City should prepare its annual financial report in accordance with generally accepted accounting principles.

Recommendation:

The City should prepare financial statements that follow GAAP.

City's Response:

The City evaluated the cost-benefit relationship of preparing GAAP statements versus modified cash financial statements and determined that the significant cost of compliance exceeds the benefit received.

CITY OF GERMANTOWN
MONTGOMERY COUNTY

REGULAR AUDIT

FOR THE YEAR ENDED DECEMBER 31, 2021

PLATTENBURG
Certified Public Accountants

CITY OF GERMANTOWN
MONTGOMERY COUNTY
FOR THE YEAR ENDED DECEMBER 31, 2021

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Montgomery County
75 North Walnut Street
Germantown, Ohio 45327

Report on the Audit of the Financial Statements

Opinions

We have audited the accompanying modified cash-basis financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the City of Germantown, Ohio, (the City) as of and for the year ended December 31, 2021, and the related notes to the financial statements, which collectively comprise the City's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective modified cash-basis financial position of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the City, as of December 31, 2021, and the respective changes in modified cash-basis financial position for the year then ended in accordance with the accounting basis described in Note 2.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the City and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Emphasis of a Matter-Basis of Accounting

We draw attention to Note 2 of the financial statements, which describes the basis of accounting. The financial statements are prepared on the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with the modified cash accounting basis described in Note 2, and for determining that the modified cash basis of accounting is an acceptable basis for the preparation of the financial statements in the circumstances. Management is also responsible for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

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In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the City's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the City's internal control. Accordingly, no such opinion is expressed.

- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.

- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the City's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated May 26, 2023, on our consideration of the City's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the City's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the City's internal control over financial reporting and compliance.

Plattenburg & Associates, Inc.

Plattenburg & Associates, Inc.
Cincinnati, Ohio
May 26, 2023

City of Germantown, Ohio
Statement of Net Position - Modified Cash Basis
December 31, 2021

	Governmental Activities	Business-Type Activities	Total
Assets:			
Equity in Pooled Cash and Investments	$5,234,926	$1,717,922	$6,952,848
Total Assets	5,234,926	1,717,922	6,952,848
Net Position:			
Restricted for:			
Senior Citizen	215,558	0	215,558
Street Improvements	55,972	0	55,972
Motor Vehicle License and Permissive Taxes	61,406	0	61,406
Street Lights	168,923	0	168,923
Emergency Medical Services	1,131,176	0	1,131,176
Fire Services	795,432	0	795,432
Debt Service	49	0	49
Capital Projects	1,208,928	0	1,208,928
Permanent Fund	25,721	0	25,721
Other Purposes	703,056	0	703,056
Unrestricted	868,705	1,717,922	2,586,627
Total Net Position	$5,234,926	$1,717,922	$6,952,848

See accompanying notes to the basic financial statements.

City of Germantown, Ohio
Statement of Activities - Modified Cash Basis
For the Fiscal Year Ended December 31, 2021

		Program Receipts			Net (Disbursements) Receipts and Changes in Net Position		
	Cash Disbursements	Charges for Services and Sales	Operating Grants and Contributions	Capital Grants and Contributions	Governmental Activities	Business-Type Activities	Total
Governmental Activities:							
General Government	$794,065	$51,211	$473,561	$0	($269,293)	$0	($269,293)
Public Safety	2,122,846	170,072	704,250	0	(1,248,524)	0	(1,248,524)
Community Environment	153,768	0	0	0	(153,768)	0	(153,768)
Recreation	0	21,000	0	0	21,000	0	21,000
Transportation	418,106	75,822	403,036	101,739	162,491	0	162,491
Other	1,588	0	0	0	(1,588)	0	(1,588)
Capital Outlay	742,970	0	0	0	(742,970)	0	(742,970)
Debt Service:							
Principal	292,828	0	0	0	(292,828)	0	(292,828)
Interest and Other Charges	155,931	0	0	0	(155,931)	0	(155,931)
Total Governmental Activities	4,682,102	318,105	1,580,847	101,739	(2,681,411)	0	(2,681,411)
Business-Type Activities:							
Water	1,152,451	916,599	0	0	0	(235,852)	(235,852)
Sewer	1,427,972	1,117,918	0	0	0	(310,054)	(310,054)
Refuse	549,132	537,630	0	0	0	(11,502)	(11,502)
Stormwater	130,793	92,280	0	5,250	0	(33,263)	(33,263)
Swimming Pool	144,015	106,558	0	92,500	0	55,043	55,043
Recreation	123,426	0	0	87,155	0	(36,271)	(36,271)
Total Business-Type Activities	3,527,789	2,770,985	0	184,905	0	(571,899)	(571,899)
Totals	$8,209,891	$3,089,090	$1,580,847	$286,644	(2,681,411)	(571,899)	(3,253,310)

	Governmental Activities	Business-Type Activities	Total
General Receipts:			
Income Taxes	1,993,255	0	1,993,255
Property Taxes Levied for:			
General Purposes	368,349	0	368,349
Special Revenue Purposes	290,164	0	290,164
Grants and Entitlements, Not Restricted	163,456	0	163,456
Unrestricted Contributions	1,500	0	1,500
Investment Earnings	46,698	0	46,698
Other Receipts	98,652	101,005	199,657
Long-Term Capital-Related Debt Issued	0	382,466	382,466
Transfers In	0	92,000	92,000
Transfers (Out)	(92,000)	0	(92,000)
Total General Receipts, Debt Issued and Transfers	2,870,074	575,471	3,445,545
Change in Net Position	188,663	3,572	192,235
Net Position - Beginning of Year	5,046,263	1,714,350	6,760,613
Net Position - End of Year	$5,234,926	$1,717,922	$6,952,848

See accompanying notes to the basic financial statements.

City of Germantown, Ohio
Statement of Assets and Fund Balances - Modified Cash Basis
Governmental Funds
December 31, 2021

	General	Police Levy	Emergency Medical Services	Fire Services	EMS Capital Improvement	Street Capital Improvement	Other Governmental Funds	Total Governmental Funds
Assets:								
Equity in Pooled Cash and Investments	$868,705	$381,952	$1,131,176	$795,432	$712,826	$4,728	$1,340,107	$5,234,926
Total Assets	868,705	381,952	1,131,176	795,432	712,826	4,728	1,340,107	5,234,926
Fund Balances:								
Nonspendable	24,136	0	0	0	0	0	25,721	49,857
Restricted	0	381,952	1,131,176	795,432	712,826	4,728	1,314,386	4,340,500
Assigned	66,828	0	0	0	0	0	0	66,828
Unassigned	777,741	0	0	0	0	0	0	777,741
Total Fund Balances	$868,705	$381,952	$1,131,176	$795,432	$712,826	$4,728	$1,340,107	$5,234,926
Total Liabilities, Deferred Inflows and Fur	$868,705	$381,952	$1,131,176	$795,432	$712,826	$4,728	$1,340,107	$5,234,926

See accompanying notes to the basic financial statements.

City of Germantown, Ohio
Statement of Receipts, Disbursements
and Changes in Fund Balances - Modified Cash Basis
Governmental Funds
For the Fiscal Year Ended December 31, 2021

	General	Police Levy	Emergency Medical Services	Fire Services	EMS Capital Improvement	Street Capital Improvement	Other Governmental Funds	Total Governmental Funds
Receipts:								
Property Taxes	$368,349	$290,164	$0	$0	$0	$0	$0	$658,513
Income Taxes	1,993,255	0	0	0	0	0	0	1,993,255
Charges for Services	0	0	170,072	0	0	0	0	170,072
Investment Earnings	46,680	0	0	0	0	0	18	46,698
Intergovernmental	163,456	43,750	370,000	290,500	0	101,739	876,597	1,846,042
Special Assessments	0	0	0	0	0	0	75,461	75,461
Fines, Licenses & Permits	51,206	0	0	0	0	0	21,386	72,592
Other Receipts	39,132	11,296	8,327	21,324	0	0	20,053	100,132
Total Receipts	2,662,078	345,210	548,399	311,824	0	101,739	993,515	4,962,765
Disbursements:								
Current:								
General Government	585,526	0	0	0	0	0	208,539	794,065
Public Safety	0	1,492,450	331,289	292,694	0	0	6,413	2,122,846
Community Environment	153,768	0	0	0	0	0	0	153,768
Transportation	0	0	0	0	0	0	418,106	418,106
Other	1,588	0	0	0	0	0	0	1,588
Capital Outlay	66,525	0	0	0	83,993	371,632	220,820	742,970
Debt Service:								
Principal	70,200	0	0	0	47,400	127,828	47,400	292,828
Interest and Other Charges	34,511	0	0	0	51,584	18,252	51,584	155,931
Total Disbursements	912,118	1,492,450	331,289	292,694	182,977	517,712	952,862	4,682,102
Excess of Receipts Over (Under) Disbursements	1,749,960	(1,147,240)	217,110	19,130	(182,977)	(415,973)	40,653	280,663
Other Financing Sources (Uses):								
Transfers In	0	1,185,000	0	0	0	303,000	0	1,488,000
Transfers (Out)	(1,580,000)	0	0	0	0	0	0	(1,580,000)
Total Other Financing Sources (Uses)	(1,580,000)	1,185,000	0	0	0	303,000	0	(92,000)
Net Change in Fund Balance	169,960	37,760	217,110	19,130	(182,977)	(112,973)	40,653	188,663
Fund Balance - Beginning of Year	698,745	344,192	914,066	776,302	895,803	117,701	1,299,454	5,046,263
Fund Balance - End of Year	$868,705	$381,952	$1,131,176	$795,432	$712,826	$4,728	$1,340,107	$5,234,926

See accompanying notes to the basic financial statements.

City of Germantown, Ohio
Statement of Fund Net Position - Modified Cash Basis
Proprietary Funds
December 31, 2021

	Business-Type Activities -Enterprise Funds				
	Water	Sewer	Refuse	Other Enterprise Funds	Total Business-Type Activities
Assets:					
Equity in Pooled Cash and Investments	$718,651	$314,935	$127,170	$557,166	$1,717,922
Total Assets	718,651	314,935	127,170	557,166	1,717,922
Net Position:					
Unrestricted	718,651	314,935	127,170	557,166	1,717,922
Total Net Position	$718,651	$314,935	$127,170	$557,166	1,717,922

See accompanying notes to the basic financial statements.

City of Germantown, Ohio
Statement of Receipts, Disbursements
and Changes in Fund Net Position - Modified Cash Basis
Proprietary Funds
For the Fiscal Year Ended December 31, 2021

	Business-Type Activities -Enterprise Funds				
	Water	Sewer	Refuse	Other Enterprise Funds	Total Business-Type Activities
Operating Receipts:					
Charges for Services	$916,599	$1,117,918	$537,630	$198,838	$2,770,985
Other Receipts	22,765	71,259	83	6,898	101,005
Total Operating Receipts	939,364	1,189,177	537,713	205,736	2,871,990
Operating Expenses:					
Personal Services	271,040	270,661	10,194	162,244	714,139
Contractual Services	216,504	726,028	533,110	73,589	1,549,231
Materials and Supplies	37,946	31,639	3,738	41,283	114,606
Other Expense	68	0	2,090	1,770	3,928
Capital Outlay	299,588	216,711	0	96,881	613,180
Total Operating Expenses	825,146	1,245,039	549,132	375,767	2,995,084
Operating Income (Loss)	114,218	(55,862)	(11,419)	(170,031)	(123,094)
Non-Operating Receipts (Expenses):					
Principal Retirement	(293,732)	(155,821)	0	(20,304)	(469,857)
Interest and Other Fiscal Charges	(33,573)	(27,112)	0	(2,163)	(62,848)
Issuance of Long-Term Capital-Related Debt	209,736	172,730	0	0	382,466
Total Non-Operating Receipts (Expenses)	(117,569)	(10,203)	0	(22,467)	(150,239)
Income (Loss) Before Capital Grants and Contributions, and Transfers	(3,351)	(66,065)	(11,419)	(192,498)	(273,333)
Capital Grants and Contributions	0	0	0	184,905	184,905
Transfers In	0	0	0	92,000	92,000
Change in Net Position	(3,351)	(66,065)	(11,419)	84,407	3,572
Net Position - Beginning of Year	722,002	381,000	138,589	472,759	1,714,350
Net Position - End of Year	$718,651	$314,935	$127,170	$557,166	$1,717,922

See accompanying notes to the basic financial statements.

Note 1 – Description of the Entity

Description of the Entity

The City of Germantown, Montgomery County, (the City) is a body corporate and politic established to exercise the rights and privileges conveyed to it by the constitution and laws of the State of Ohio. Pursuant to the provisions of Article XVIII of the Constitution of Ohio, the voters of the City adopted a charter for the government of the City in 2010. The form of government provided in the charter is known as the Mayor-Council-Manager. Council is made up of seven members elected by the qualified voters of the City at large; six are council members elected and one is separately elected Mayor. Council appoints a City Manager who is responsible to Council for the administration of all City affairs. The City provides water and sewer utilities, refuse services, park operations, pool operations, police, fire and emergency medical services.

Reporting Entity

A reporting entity is comprised of the primary government, component units, and other organizations that are included to ensure that the financial statements are not misleading. The primary government of the City consists of all funds, departments, boards, and agencies that are not legally separate from the City. For the City, this includes general operations, water, sewer, refuse, recreation, police, fire and emergency medical services.

Component units are legally separate organizations for which the City is financially accountable. The City is financially accountable for an organization if the City appoints a voting majority of the organization's governing board and (1) the City is able to significantly influence the programs or services performed or provided by the organization; or (2) the City is legally entitled to or can otherwise access the organization's resources; the City is legally obligated or has otherwise assumed the responsibility to finance the deficits of, or provide financial support to, the organization; or the City is obligated for the debt of the organization. Component units may also include organizations that are fiscally dependent on the City, in that the City approves the budget, the issuance of debt, or the levying of taxes. Based on this criterion, the City has no discretely presented component unit in the basic financial statements.

The City participates in the Public Entities Pool of Ohio (PEP). Pep is a public entity risk pool, which operates as a jointly governed organization. PEP provides property and casualty coverage for its members. Note 9 to the financial statements provide additional information regarding PEP.

Note 2 – Summary of Significant Accounting Policies

These financial statements are presented on a modified cash basis of accounting. This modified cash basis of accounting differs from accounting principles general accepted in the United States of America (GAAP). Generally accepted accounting principles include all the relevant Governmental Accounting Standards Board (GASB) pronouncements, which have been applied to the extent they are applicable to the modified cash basis of accounting.

Ohio Administrative Code, Section 117-2-03 (B), requires the City to prepare its annual financial report in accordance with generally accepted accounting principles. However, the City prepared its financial statements on a modified cash basis, which is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America. The accompanying financial statements omit assets, liabilities, net position/fund balances, and disclosures that, while material, cannot be determined at this time. The City can be fined and various other administrative remedies may be taken against the City.

Basis of Presentation

Government-wide Financial Statements

The statement of net position - modified cash basis and the statement of activities - modified cash basis display information about the City as a whole. These statements include the financial activities of the primary government, except for fiduciary funds.

The government-wide statement of activities compares disbursements with program receipts for each function or program of the City's governmental activities. These disbursements are those that are specifically associated with a service, program or department and are therefore clearly identifiable to a particular function. Program receipts include charges paid by the recipient of the goods or services offered by the program and grants and contributions that are restricted to meeting the operational or capital requirements of a particular program. Receipts which are not classified as program receipts are presented as general receipts of the City. The comparison of direct disbursements with program receipts identifies the extent to which each business segment or governmental function is self-financing on the modified cash basis or draws from the general receipts of the City.

Fund Financial Statements

The fund financial statements report more detailed information about the City. The focus of governmental fund financial statements is on major funds rather than reporting funds by type. Fund statements present each major fund in a separate column and aggregate non-major funds in a single column. Fiduciary funds are reported by fund type.

Fund Accounting

The City uses funds to maintain its financial records during the fiscal year. Fund accounting is designed to demonstrate legal compliance and to aid management by segregating transactions related to certain City functions or activities. A fund is defined as a fiscal and accounting entity with a self-balancing set of accounts. The various funds of the City are grouped into the category governmental.

Governmental Funds

Governmental funds are those through which most governmental functions of the City are financed. Governmental funds focus on the sources, uses, and balances of current financial resources. Expendable assets are assigned to the various governmental funds according to the purposes for which they may or must be used. Current liabilities are assigned to the fund from which they will be paid. The difference between governmental fund assets and liabilities is reported as fund balance.

The following are the City's major governmental funds:

> **General Fund** – This fund is the operating fund of the City and is used to account for all financial resources, except those required to be accounted for in another fund. The General Fund is available to the City for any purpose provided it is expended or transferred according to the general laws of Ohio.

Police Levy – To account for the activities of the Police Levy of the City.

Emergency Medical Services – To account for the activities of the Emergency Medical Services Department of the City.

Fire Services – To account for the activities of the Fire Department of the City.

EMS Capital Improvement – To account for capital purchases for the City's EMS Capital Improvement capital projects fund.

Street Capital Improvement – To account for capital purchases for the City's Street Improvement capital projects fund.

The other governmental funds of the City account for grants and other resources of the City whose use is restricted to a particular purpose.

Proprietary Funds

Proprietary fund reporting focuses on modified cash net position and changes in net position. Proprietary funds are classified as either enterprise or internal service. The City does not have an internal service fund.

Enterprise Funds - Enterprise funds may be used to account for any activity for which a fee is charged to external users for goods or services. The following are the City's major enterprise funds:

Water Fund – This fund accounts for provision of water treatment and distribution to the residents and commercial users of the water system.

Sewer Fund - The sewer fund accounts for the provision of sanitary sewer service to the residents and commercial users located within the City.

Refuse Fund - The refuse fund accounts for the provision of refuse service to the residents and commercial users located within the City.

Budgetary Process

All funds, except agency funds, are legally required to be budgeted and appropriated. The major documents prepared are the tax budget, the certificate of estimated resources, and the appropriations resolution, all of which are prepared on the budgetary basis of accounting. The tax budget demonstrates a need for existing or increased tax rates. The certificate of estimated resources establishes a limit on the amount City Council may appropriate. The appropriations ordinance is City Council's authorization to spend resources and sets annual limits on disbursements plus encumbrances at the level of control selected by City Council. The legal level of control has been established by City Council at the fund, department, and object level for all funds.

The certificate of estimated resources may be amended during the year if projected increases or decreases in receipts are identified by the City Finance Director.

The appropriations ordinance is subject to amendment throughout the year with the restriction that appropriations cannot exceed estimated resources.

Cash and Investments

To improve cash management, cash received by the City is pooled. Monies for all funds are maintained in this pool. Individual fund integrity is maintained through the City's records. Each fund's interest in the pool is presented as "Equity in Pooled Cash and Investments" on the basic financial statements.

Investments of the cash management pool and investments with an original maturity of three months or less at the time of purchase are presented on the financial statements as cash equivalents. Investments with an initial maturity of more than three months that were not purchased from the pool are reported as investments.

Except for nonparticipating investment contracts, investments are reported at fair value which is based on quoted market prices. Nonparticipating investment contracts such as nonnegotiable certificates of deposits and repurchase agreements are reported at cost.

Following Ohio statutes, the City has, by resolution, specified the funds to receive an allocation of interest earnings. Interest receipts during the fiscal year amounted to $46,680 credited to the general fund and $18 to the permanent fund.

Restricted Assets

Assets are reported as restricted when limitations on their use change the nature or normal understanding of the availability of the asset. Such constraints are either externally imposed by creditors, contributors, grantors, or laws of other governments, or are imposed by law through constitutional provisions or enabling legislation.

Inventory and Prepaid Items

The City reports disbursements for inventory and prepaid items when paid. These items are not reflected in the accompanying financial statements under the modified cash basis of accounting.

Capital Assets

Acquisitions of property, plant and equipment are recorded as disbursements when paid. These items are not reflected in the accompanying financial statements under the modified cash basis of accounting.

Accumulated Leave

In certain circumstances, such as upon leaving employment or retirement, employees are entitled to cash payments for unused leave. Unpaid leave is not reflected as a liability under the City's modified cash basis of accounting.

Employer Contributions to Cost-Sharing Plans

The City recognizes the disbursement for employer contributions to cost-sharing pension plans when they are paid. As described later in the notes, the employer contributions include portions for pension benefits and for postretirement health care benefits.

Pensions/Other Postemployment Benefits (OPEB)

For purposes of measuring the net pension/OPEB liability, information about the fiduciary net position of the pension/OPEB plans and additions to/deductions from their fiduciary net position have been determined on the same basis as they are reported by the pension/OPEB plan. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. The pension/OPEB plans report investments at fair value.

Long-Term Obligations

The City's modified cash basis financial statements do not report liabilities for bonds and other long-term obligations. Proceeds of debt are reported when cash is received and principal and interest payments are reported when paid. Since recording a capital asset when entering into a capital lease is not the result of a cash transaction, neither an other financing source nor a capital outlay expenditure is reported at inception.

Net Position

Net position is reported as restricted when enabling legislation or creditors, grantors or laws or regulations of other governments have imposed limitations on its use. The City first applies restricted resources when a disbursement is incurred for purposes for which both restricted and unrestricted net cash position are available.

Fund Balance

Fund balance is divided into five classifications based primarily on the extent to which the City is bound to observe constraints imposed upon the use of the resources in the governmental funds. The classifications are as follows:

Nonspendable –The nonspendable fund balance category includes amounts that cannot be spent because they are not in spendable form, or are legally or contractually required to be maintained intact. The "not in spendable form" criterion includes items that are not expected to be converted to cash. It also includes the long-term amount of interfund loans.

Restricted – Fund balance is reported as restricted when constraints placed on the use of resources are either externally imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments; or is imposed by law through constitutional provisions or enabling legislation (City ordinances).

Enabling legislation authorizes the City to assess, levy, charge, or otherwise mandate payment of resources (from external resource providers) and includes a legally enforceable requirement that those resources be used only for the specific purposes stipulated in the legislation. Legal enforceability means that the City can be compelled by an external party-such as citizens, public interest groups, or the judiciary to use resources created by enabling legislation only for the purposes specified by the legislation.

Committed – The committed fund balance classification includes amounts that can be used only for the specific purposes imposed by formal action (ordinance or resolution) of City Council. Those committed amounts cannot be used for any other purpose unless City Council removes or changes the specified use by taking the same type of action (ordinance or resolution) it employed to previously commit those amounts. In contrast to fund balance that is restricted by enabling legislation, the committed fund balance classification may be redeployed for other purposes with appropriate due process. Constraints imposed on the use of committed amounts are imposed by City Council, separate from the authorization to raise the underlying revenue; therefore, compliance with these constraints is not considered to be legally enforceable. Committed fund balance also incorporates contractual obligations to the extent that existing resources in the fund have been specifically committed for use in satisfying those contractual requirements.

Assigned – Amounts in the assigned fund balance classification are intended to be used by the City for specific purposes but do not meet the criteria to be classified as restricted or committed. In governmental funds other than the general fund, assigned fund balance represents the remaining amount that is not restricted or committed. In the general fund, assigned amounts represent intended uses established by City Council or a City official delegated that authority by City Charter or ordinance, or by State Statute.

Unassigned – Unassigned fund balance is the residual classification for the general fund and includes amounts not contained in the other classifications. In other governmental funds, the unassigned classification is used only to report a deficit balance.

The City applies restricted resources first when expenditures are incurred for purposes for which either restricted or unrestricted (committed, assigned, and unassigned) amounts are available. Similarly, within unrestricted fund balance, committed amounts are reduced first followed by assigned, and then unassigned amounts when expenditures are incurred for purposes for which amounts in any of the unrestricted fund balance classifications could be used.

Interfund Activity

Transfers between governmental and business-type activities on the government-wide financial statements are reported in the same manner as general receipts.

Internal allocations of overhead expenses from one function to another or within the same function are eliminated on the Statement of Activities. Payments for interfund services provided and used are not eliminated.

Exchange transactions between funds are reported as receipts in the seller funds and as disbursements in the purchaser funds. Subsidies from one fund to another without a requirement for repayment are reported as interfund transfers. Interfund transfers are reported as other financing sources/uses in governmental funds and after nonoperating receipts/disbursements in proprietary funds. Repayments from funds responsible for particular disbursements to the funds that initially paid for them are not presented in the financial statements.

Note 3 – Equity in Pooled Cash and Investments

Monies held by the City are classified by State statute into three categories.

Active deposits are public deposits determined to be necessary to meet current demands upon the City treasury. Active monies must be maintained either as cash in the City treasury, in commercial accounts payable or withdrawable on demand, including negotiable order of withdrawal (NOW) accounts, or in money market deposit accounts.

Inactive deposits are public deposits that Council has identified as not required for use within the current five year period of designation of depositories. Inactive deposits must either be evidenced by certificates of deposit maturing not later than the end of the current period of designation of depositories, or by savings or deposit accounts including, but not limited to, passbook accounts.

Interim deposits are deposits of interim monies. Interim monies are those monies which are not needed for immediate use but which will be needed before the end of the current period of designation of depositories. Interim deposits must be evidenced by time certificates of deposit maturing not more than one year from the date of deposit or by savings or deposit accounts, including passbook accounts.

Interim monies held by the City can be deposited or invested in the following securities:

1. United States Treasury bills, bonds notes, or any other obligation or security issued by the United States Treasury, or any other obligation guaranteed as to principal and interest by the United States;

2. Bonds, notes, debentures, or any other obligations or securities issued by any federal government agency or instrumentality, including, but not limited to, Federal National Mortgage Association, Federal Home Loan Bank, Federal Farm Credit Bank, Federal Home Loan Mortgage Corporation, and Government National Mortgage Association. All federal agency securities shall be direct issuances of federal government agencies or instrumentalities;

3. No-load money market mutual funds consisting exclusively of obligations described in (1) or (2) and repurchase agreements secured by such obligations, provided that investments in securities described in this division are made only through eligible institutions;

4. Time certificates of deposit or savings or deposit accounts including, but not limited to, passbook accounts;

5. Bonds and other obligations of the State of Ohio, and with certain limitations bonds and other obligations of political subdivisions of the State of Ohio;

6. The State Treasurer's investment pool (STAR Ohio);

7. Certain bankers’ acceptances and commercial paper notes for a period not to exceed one hundred eighty days in an amount not to exceed 40 percent of the interim monies available for investment at any one time if training requirements have been met; and

8. Written repurchase agreements in the securities described in (1) or (2) provided the market value of the securities subject to the repurchase agreement must exceed the principal value of the agreement by at least two percent and be marked to market daily, and the term of the agreement must not exceed thirty days.

Investments in stripped principal or interest obligations, reverse repurchase agreements, and derivatives are prohibited. The issuance of taxable notes for the purpose of arbitrage, the use of leverage, and short selling are also prohibited.

At year end, the City had $969 in undeposited cash on hand which is included as part of "Equity in Pooled Cash and Investments".

Deposits

Custodial credit risk for deposits is the risk that in the event of bank failure, the City will not be able to recover deposits or collateral securities that are in the possession of an outside party. As of December 31, 2021, $3,593,504 of the City's bank balance of $4,306,978 was exposed to custodial credit risk because it was uninsured and collateralized.

The City has no deposit policy for custodial risk beyond the requirements of State statute. Ohio law requires that deposits either be insured or be protected by:

> Eligible securities pledged to the City and deposited with a qualified trustee by the financial institution as security for repayment whose market value at all times shall be at least 105% of the deposits being secured; or
>
> Participation in the Ohio Pooled Collateral system (OPCS), a collateral pool of eligible securities deposited with a qualified trustee and pledged to the Treasurer of State to secure the repayment of all public monies deposited in the financial institution. OPCS requires the total market value of the securities pledged to be 102% of the deposits being secured or a rate set by the Treasurer of State.

Investments

As of December 31, 2021, the City had the following investments:

Investment Type	Value	Fair Value Hierarchy	Weighted Average Maturity (Years)
Money Market Funds	$4,517	N/A	0.00
Negotiable Certificates of Deposits	2,725,051	Level 2	2.46
	$2,729,568		
Portfolio Weighted Average Maturity			2.46

The City categorizes its fair value measurements with the fair value hierarchy established by generally accepted accounting principles. The Hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets. Level 2 inputs are significant other observable inputs. Level 3 inputs are significant unobservable inputs. The above table identifies the City's recurring fair value measurements as of December 31, 2021.

Interest Rate Risk - In accordance with the investment policy, the City manages its exposure to declines in fair values by limiting the weighted average maturity of its investment portfolio to five years, unless matched to a specified obligation or debt of the City.

Credit Risk – It is the City's policy to limit its investments that are obligations of the U.S. Government or obligations explicitly guaranteed by the U.S. Government to investments which have the highest credit quality rating issued by nationally recognized statistical rating organizations. The City's investments in money market funds and negotiable certificates of deposits were not rated by Standard and Poor's.

Concentration of Credit Risk – The City's investment policy allows investments in Federal Government Securities or Instrumentalities. The City has invested 99.8% of the City's investments in negotiable certificates of deposits and 0.2% in money market funds.

Custodial Credit Risk - The risk that in the event of the failure of the counterparty, the City will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. All of the City's securities are either insured and registered in the name of the City, or at least registered in the name of the City.

Note 4 – Property Tax

Property taxes include amounts levied against all real and public utility property located in the City. Property tax revenue received during 2021 for real and public utility property taxes represents collections of 2020 taxes.

2021 real property taxes are levied after October 1, 2021, on the assessed value as of January 1, 2021, the lien date. Assessed values are established by State law at 35 percent of appraised market value. 2021 real property taxes are collected in and intended to finance 2022.

Real property taxes are payable annually or semi-annually. If paid annually, payment is due December 31; if paid semi-annually, the first payment is due February 15, with the remainder payable by July 19. Under certain circumstances, State statute permits later payment dates to be established.

Public utility tangible personal property currently is assessed at varying percentages of true value; public utility real property is assessed at 35 percent of true value. 2021 public utility property taxes which became a lien December 31, 2020, are levied after October 1, 2021, and are collected in 2022 with real property taxes.

The assessed values of real property and public utility tangible property upon which 2021 property tax receipts were based are as follows:

Real Property	$100,812,600
Public Utility Personal	2,262,850
Total Valuation	$103,075,450

The County Treasurer collects property taxes on behalf of all taxing districts in the county, including the City. The County Auditor periodically remits to the City its portion of the taxes collected.

Note 5 – Local Income Tax

The City levies a municipal income tax of 1.50% percent on substantially all earned income arising from employment, residency, or business activities within the City as well as certain income of residents earned outside of the City.

Employers within the City withhold income tax on employee compensation and remit the tax to the City either monthly or quarterly, as required. Corporations and other individual taxpayers pay estimated taxes quarterly and file a declaration annually.

Note 6 – Long-Term Debt

Long-term debt outstanding at December 31, 2021 was as follows:

	Beginning Balance	Additions	Deletions	Ending Balance	Due Within One Year
Governmental Activities:					
OPWC Loans from Direct Borrowing:					
CD09P - Cherry Street Improvement Phase 3	$99,659	$0	($4,154)	$95,505	$4,154
CD32S - Cherry Street Improvement Phase 4	405,677	0	(14,830)	390,847	14,830
CD28T - Cherry Street Improvement Phase 5	370,720	0	(13,240)	357,480	13,240
CD06T - Cherry Street Improvement Phase 6	286,638	0	(9,884)	276,754	9,884
CD22Q - West Market Street Phase 1	584,654	0	(25,420)	559,234	25,420
Other Long-Term Debt:					
2017 Refunding - Various Purpose	337,250	0	(45,000)	292,250	45,000
St Rt / Hickory Pointe	200,280	0	(22,500)	177,780	22,500
Cherry Street Improvements	120,000	0	(15,000)	105,000	15,000
West Market Street Imp Phase I	212,100	0	(22,800)	189,300	26,600
2020 Special Obligation Income Tax Revenue Bonds	5,175,000	0	(120,000)	5,055,000	115,000
Total Governmental Activities	7,791,978	0	(292,828)	7,499,150	291,628
Business-Type Activities:					
OPWC Loans from Direct Borrowing:					
CD14L - Dayton Pike Water Storage Tower	843,887	0	(73,382)	770,505	73,382
CD09P - Cherry Street Improvement Phase 3	63,056	0	(2,770)	60,286	2,770
CD32S - Cherry Street Improvement Phase 4	272,994	0	(10,306)	262,688	10,306
CD28T - Cherry Street Improvement Phase 5	247,148	0	(8,826)	238,322	8,826
CD06T - Cherry Street Improvement Phase 6	191,091	0	(6,589)	184,502	6,590
CD11Q - Sanitary Sewer Rehab Phase 1	74,681	0	(3,048)	71,633	3,048
CD05R - Sanitary Sewer Rehab Phase 2	134,311	0	(5,166)	129,145	5,166
CT08F - Water Booster Station	40,150	0	(7,125)	33,025	7,196
CT08D - Hillcrest Sewer System	23,573	0	(6,633)	16,940	6,700
CD21T - Sanitary Sewer Rehab Phase 3	139,695	0	(4,989)	134,706	4,989
CD15U - Farmersville and Germantown Pike Water Main Phase 1	436,649	0	(15,056)	421,593	15,056
CD09W - Sanitary Sewer Rehab Phase 4	147,943	0	(4,932)	143,011	4,932
CD02W - Hale Avenue Water Main Replacement	167,926	0	(2,799)	165,127	5,598
CD07W - Kelly Avenue Water Main	172,205	0	0	172,205	0
CD30X - Maple Park Water Main Replacement Phase 1	0	209,736	0	209,736	0
CD31X - Sanitary Sewer Rehab Phase 5	0	172,730	0	172,730	0
Other Long-Term Debt:					
Water Meters	260,000	0	(30,000)	230,000	30,000
East Market Street Water and Sewer	370,000	0	(40,000)	330,000	45,000
West Market Street Imp Phase I	72,300	0	(7,200)	65,100	8,400
Water Chemical Feed Building / Silt Removal	145,000	0	(15,000)	130,000	15,000
Engineering Water and Sewer	125,000	0	(15,000)	110,000	15,000
St Rt / Hickory Pointe	19,720	0	(2,500)	17,220	2,500
2017 Refunding - Various Purpose	412,750	0	(55,000)	357,750	55,000
Mortgage Revenue Water Bond	164,000	0	(80,000)	84,000	84,000
Debt from Direct Borrowing:					
2019 Utility Truck Promissory Note	312,454	0	(73,536)	238,918	76,507
Total Business-Type Activities	4,836,533	382,466	(469,857)	4,749,142	485,966
Total Long-Term Debt	$12,628,511	$382,466	($762,685)	$12,248,292	$777,594

Outstanding OPWC notes (Project #CD04J, #CD06J, #CD09P, #CD32S, #CD28T, and #CD06T) consist of loans to fund the Cherry Street Improvements Phase 1, 2, 3, 4, 5 and 6 Projects. Phases 1 and 2 were paid off in 2018. The remaining debt will be repaid from revenues of the City's street capital improvement fund, water fund, sewer fund, and storm water fund.

Outstanding OPWC notes (Project #CD14L) consist of a loan to fund the Dayton Pike Water Storage Tank Project. The debt will be repaid from revenues of the City's water fund.

Outstanding OPWC notes (Project #CD11Q, #CD05R, #CD21T, #CD09W, and #CD31X) consist of loans to fund the Sanitary Sewer Rehabilitation Phase 1, 2, 3, 4, and 5. The debt will be repaid from revenues of the City's sewer system.

Outstanding OPWC notes (Project #CD22Q) consist of a loan to fund the West Market Street Phase I Project. The debt will be repaid from revenues of the City's street capital improvement fund.

Outstanding OPWC notes (Project #CT08F) consist of a loan to fund the Water Booster Station Improvements. The debt will be repaid from revenues of the City's water system.

Outstanding OPWC notes (Project #CT08D) consist of a loan to fund the Hillcrest Drive Sewer Improvement. The debt will be repaid from revenues of the City's sewer system.

Outstanding OPWC notes (Project #CD15U) consist of a loan to fund the Farmersville and Germantown Pike Water Main Phase 1. The debt will be repaid from revenues of the City's water system.

Outstanding OPWC notes (Project #CD02W) consist of a loan to fund the Hale Avenue Water Main Replacement. The debt will be repaid from revenues of the City's water system.

Outstanding OPWC notes (Project #CD07W) consist of a loan to fund the Kelly Avenue Water Main Replacement. The debt will be repaid from revenues of the City's water system.

Outstanding OPWC notes (Project #CD30X) consist of a loan to fund the Maple Park Water Main Replacement. The debt will be repaid from revenues of the City's Water System.

All OPWC notes are interest free, except for Project #CT08F and Project #CT08D, which are 1% interest.

St. Rt. / Hickory Pointe Bonds consist of general obligation bonds issued for the Hickory Pointe public infrastructure improvements. The St. Rt. / Hickory Pointe Bonds will be paid from the street capital improvement fund and sewer fund.

Cherry Street Improvements Bonds were issued to make improvements on Cherry Street. These bonds will be paid from the street capital improvement fund.

Water Meter Bonds were issued to make improvements to the water meters throughout the City. These bonds will be paid from water fund and sewer fund.

East Market Street Improvement Bonds were issued to make improvements on the water and sewer systems on East Market Street. These bonds will be paid from the water fund and sewer fund.

West Market Street Improvements-Phase 1 Bonds were issued to make various improvements on West Market Street. These bonds will be paid from the street capital improvement fund, water fund, and storm water fund.

Water Chemical Feed Building / Silt Removal Bonds were issued to build a chemical feed building and also to remove silt for the water system of the City. These bonds will be paid from the water fund.

Engineering Water and Sewer Bonds were issued to help with the engineering aspect of the water and sewer systems throughout the City. These bonds will be paid from the water and sewer funds.

2017 Various Purpose Refunding Bonds are for the construction of a new municipal building and improvement of the sewer system for the City. Property and revenue of the City's sewer system and the general fund have been pledged to repay this debt.

Mortgage Revenue Bonds are for the improvement of the water system for the City. Property and revenue of the City's water system has been pledged to repay this debt.

2019 Utility Truck Promissory Note is for City vehicles. The note has an interest rate of 4% and a maturity date of August 16, 2024. The note will be paid from the water and sewer funds.

The Special Obligation Income Tax Revenue bonds were issued in 2020. The bonds have an interest rate of 2.250% to 3.00% and a maturity date of December 1, 2050.

2019 Utility Truck Promissory Note is for City vehicles. The Direct Loan note has an interest rate of 4% and a maturity date of August 16, 2024. The note will be paid from the water and sewer funds. The Direct Loan contain the following provision that for the payment of the principal and the interest thereon, the full faith, credit, and revenue of the City are hereby irrevocably pledged, and for the purpose of providing the necessary funds to pay the interest on the debt promptly when and as the same falls due, and also to provide a fund sufficient to discharge the debt at maturity or upon mandatory sinking fund redemption, there shall be and is hereby levied on all the taxable property in this City within applicable limitations, in addition to all other taxes, a direct tax annually during the period the debt is to run in an amount sufficient to provide funds to pay interest upon the debt as and when the same falls due and also to provide a fund for the discharge of the principal of the debt at maturity or upon mandatory sinking fund redemption, which tax shall not be less than the interest and sinking fund tax required by Article XII, Section 11 of the Constitution of Ohio.

The City's outstanding OPWC Loans of $4,865,974 all contain a provision that in an event of default, the amount of such default shall bear interest thereafter at the rate of 8 percent per annum until the date of payment, and outstanding amounts become immediately due. Also, the State may direct the county treasurer to pay the outstanding amount from portion of the local government fund that would otherwise be appropriated to the Village.

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Amortization of the above debt, including interest, is scheduled as follows:

	General Obligation Bonds		Mortgage Revenue Bonds/ Truck Promissory Note		OPWC Loans	
Year	Principal	Interest	Principal	Interest	Principal	Interest
2022	$395,000	$307,423	$160,507	$12,999	$222,087	$3,888
2023	405,000	300,769	79,598	5,708	242,035	325
2024	410,000	288,863	82,813	2,492	238,814	183
2025	435,000	281,786	0	0	235,416	93
2026	450,000	274,012	0	0	231,806	0
2027-2031	1,229,400	1,263,794	0	0	1,140,007	0
2032-2036	825,000	1,242,345	0	0	809,789	0
2037-2041	930,000	1,237,206	0	0	773,101	0
2042-2046	1,050,000	1,243,626	0	0	674,954	0
2047-2051	930,000	988,750	0	0	297,965	0
	$7,059,400	$7,428,574	$322,918	$21,199	$4,865,974	$4,489

Note 7 – Defined Benefit Pension Plans

The Statewide retirement systems provide both pension and other postemployment benefits (OPEB).

Net Pension Liability/Net OPEB Liability

Pensions and OPEB are a component of exchange transactions-–between an employer and its employees—of salaries and benefits for employee services. Pensions are provided to an employee—on a deferred-payment basis—as part of the total compensation package offered by an employer for employee services each financial period.

The net pension liability and the net OPEB liability represent the City's proportionate share of each pension/OPEB plan's collective actuarial present value of projected benefit payments attributable to past periods of service, net of each pension/OPEB plan's fiduciary net position. The net pension/OPEB liability calculation is dependent on critical long-term variables, including estimated average life expectancies, earnings on investments, cost of living adjustments and others. While these estimates use the best information available, unknowable future events require adjusting this estimate annually.

Ohio Revised Code limits the City's obligation for this liability to annually required payments. The City cannot control benefit terms or the manner in which pensions/OPEB are financed; however, the City does receive the benefit of employees' services in exchange for compensation including pension and OPEB.

GASB 68/75 assumes the liability is solely the obligation of the employer, because (1) they benefit from employee services; and (2) State statute requires funding to come from these employers. All pension contributions to date have come solely from these employers (which also includes pension costs paid in the form of withholdings from employees). The retirement systems may allocate a portion of the employer contributions to provide for these OPEB benefits. In addition, health care plan enrollees may pay a portion of the health care costs in the form of a monthly premium. State statute requires the retirement systems to amortize unfunded pension liabilities within 30 years. If the pension amortization period exceeds 30 years, each retirement system's board must propose corrective action to the State legislature. Any resulting legislative change to benefits or funding could significantly affect the net pension/OPEB liability. Resulting adjustments to the net pension/OPEB liability would be effective when the changes are legally enforceable. The Ohio Revised Code permits, but does not require the retirement systems to provide healthcare to eligible benefit recipients.

The proportionate share of each plan's unfunded benefits is presented as a long-term net pension/OPEB liability on the accrual basis of accounting. Any liability for the contractually-required pension/OPEB contribution outstanding at the end of the year is included in accrued wages and benefits on both the accrual and modified accrual bases of accounting.

The remainder of this note includes the required pension disclosures. See Note 8 for the required OPEB disclosures.

Plan Description – Ohio Public Employees Retirement System (OPERS)

Plan Description
City employees, other than full-time police and firefighters, participate in the Ohio Public Employees Retirement System (OPERS). OPERS administers three separate pension plans. The traditional pension plan is a cost-sharing, multiple-employer defined benefit pension plan. The member-directed plan is a defined contribution plan and the combined plan is a combination cost-sharing, multiple-employer defined benefit/defined contribution pension plan. While employees may elect the member-directed plan or the combined plan, substantially all employees are in the traditional plan; therefore, the following disclosure focuses on the traditional plan.

OPERS provides retirement, disability, survivor and death benefits, and annual cost of living adjustments to members of the traditional and combined plans. Authority to establish and amend benefits is provided by Chapter 145 of the Ohio Revised Code. OPERS issues a stand-alone financial report that includes financial statements, required supplementary information and detailed information about OPERS' fiduciary net position that may be obtained by visiting opers.org/financial/reports.shtml, by writing to the Ohio Public Employees Retirement System, 277 East Town Street, Columbus, Ohio 43215-4642, or by calling 800-222-7377.

Senate Bill (SB) 343 was enacted into law with an effective date of January 7, 2013. In the legislation, members in the traditional and combined plans were categorized into three groups with varying provisions of the law applicable to each group. The following table provides age and service requirements for retirement and the retirement formula applied to final average salary (FAS) for the three member groups under the traditional plan as per the reduced benefits adopted by SB 343 (see OPERS ACFR referenced above for additional information, including requirements for reduced and unreduced benefits):

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Group A Eligible to retire prior to January 7, 2013 or five years after January 7, 2013	Group B 20 years of service credit prior to January 7, 2013 or eligible to retire ten years after January 7, 2013	Group C Members not in other Groups and members hired on or after January 7, 2013
State and Local	State and Local	State and Local
Age and Service Requirements: Age 60 with 60 months of service credit or Age 55 with 25 years of service credit	Age and Service Requirements: Age 60 with 60 months of service credit or Age 55 with 25 years of service credit	Age and Service Requirements: Age 57 with 25 years of service credit or Age 62 with 5 years of service credit
Traditional Plan Formula: 2.2% of FAS multiplied by years of service for the first 30 years and 2.5% for service years in excess of 30	Traditional Plan Formula: 2.2% of FAS multiplied by years of service for the first 30 years and 2.5% for service years in excess of 30	Traditional Plan Formula: 2.2% of FAS multiplied by years of service for the first 35 years and 2.5% for service years in excess of 35
Public Safety	Public Safety	Public Safety
Age and Service Requirements: Age 48 with 25 years of service credit or Age 52 with 15 years of service credit	Age and Service Requirements: Age 48 with 25 years of service credit or Age 52 with 15 years of service credit	Age and Service Requirements: Age 52 with 25 years of service credit or Age 56 with 15 years of service credit
Law Enforcement	Law Enforcement	Law Enforcement
Age and Service Requirements: Age 52 with 15 years of service credit	Age and Service Requirements: Age 48 with 25 years of service credit or Age 52 with 15 years of service credit	Age and Service Requirements: Age 48 with 25 years of service credit or Age 56 with 15 years of service credit
Public Safety and Law Enforcement	Public Safety and Law Enforcement	Public Safety and Law Enforcement
Traditional Plan Formula: 2.5% of FAS multiplied by years of service for the first 25 years and 2.1% for service years in excess of 25	Traditional Plan Formula: 2.5% of FAS multiplied by years of service for the first 25 years and 2.1% for service years in excess of 25	Traditional Plan Formula: 2.5% of FAS multiplied by years of service for the first 25 years and 2.1% for service years in excess of 25

Final average Salary (FAS) represents the average of the three highest years of earnings over a member's career for Groups A and B. Group C is based on the average of the five highest years of earnings over a member's career.

Members who retire before meeting the age and years of service credit requirement for unreduced benefits receive a percentage reduction in the benefit amount. The initial amount of a member's pension benefit is vested upon receipt of the initial benefit payment for calculation of an annual cost-of-living adjustment.

When a traditional plan benefit recipient has received benefits for 12 months, current law provides for an annual cost of living adjustment (COLA). This COLA is calculated on the base retirement benefit at the date of retirement and is not compounded. Members retiring under the combined plan receive a cost–of–living adjustment on the defined benefit portion of their pension benefit. For those who retired prior to January 7, 2013, the cost of living adjustment is 3 percent. For those retiring subsequent to January 7, 2013, beginning in calendar year 2019, current law provides that the COLA will be based on the average percentage increase in the Consumer Price Index, capped at 3 percent.

Defined contribution plan benefits are established in the plan documents, which may be amended by the Board. Member-directed plan and combined plan members who have met the retirement eligibility requirements may apply for retirement benefits. The amount available for defined contribution benefits in the combined plan consists of the member's contributions plus or minus the investment gains or losses resulting from the member's investment selections. Combined plan members wishing to receive benefits must meet the requirements for both the defined benefit and defined contribution plans. Member-directed participants must have attained the age of 55, have money on deposit in the defined contribution plan and have terminated public service to apply for retirement benefits. The amount available for defined contribution benefits in the member-directed plan consists of the members' contributions, vested employer contributions and investment gains or losses resulting from the members' investment selections. Employer contributions and associated investment earnings vest over a five-year period, at a rate of 20 percent each year. At retirement, members may select one of several distribution options for payment of the vested balance in their individual OPERS accounts. Options include the annuitization of the benefit (which includes joint and survivor options), partial lump-sum payments (subject to limitations), a rollover of the vested account balance to another financial institution, receipt of entire account balance, net of taxes withheld, or a combination of these options.

Beginning in 2022, the Combined Plan will be consolidated under the Traditional Pension Plan (defined benefit plan) and the Combined Plan option will no longer be available for new hires beginning in 2022.

Funding Policy
The Ohio Revised Code (ORC) provides statutory authority for member and employer contributions as follows:

	State and Local	Public Safety	Law Enforcement
2021 Statutory Maximum Contribution Rates			
Employer	14.00%	18.10%	18.10%
Employee *(a)*	10.00%	*(b)*	*(c)*
2021 Actual Contribution Rates			
Employer:			
Pension *(d)*	14.00%	18.10%	18.10%
Post-employment Health Care Benefits *(d)*	0.00%	0.00%	0.00%
Total Employer	14.00%	18.10%	18.10%
Employee	10.00%	12.00%	13.00%

(a) Member contributions within the combined plan are not used to fund the defined benefit retirement allowance.
(b) This rate is determined by OPERS' Board and has no maximum rate established by ORC.
(c) This rate is also determined by OPERS' Board, but is limited by ORC to not more than 2% greater than the Public Safety rate.
(d) These pension and employer health care rates are for the traditional and combined plans. The employer contributions rate for the member-directed plan is allocated 4% for health care with the remainder going to pension.

Employer contribution rates are actuarially determined and are expressed as a percentage of covered payroll.

For 2021, the City's contractually required contribution was $142,909.

Plan Description – Ohio Police & Fire Pension Fund (OP&F)

Plan Description
City full-time police and firefighters participate in Ohio Police and Fire Pension Fund (OP&F), a cost-sharing, multiple-employer defined benefit pension plan administered by OP&F. OP&F provides retirement and disability pension benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. Benefit provisions are established by the Ohio State Legislature and are codified in Chapter 742 of the Ohio Revised Code. OP&F issues a publicly available financial report that includes financial information and required supplementary information and detailed information about OP&F fiduciary net position. The report that may be obtained by visiting the OP&F website at op-f.org or by writing to the Ohio Police and Fire Pension Fund, 140 East Town Street, Columbus, Ohio 43215-5164.

Upon attaining a qualifying age with sufficient years of service, a member of OP&F may retire and receive a lifetime monthly pension. OP&F offers four types of service retirement: normal, service commuted, age/service commuted and actuarially reduced. Each type has different eligibility guidelines and is calculated using the member's average annual salary. The following discussion of the pension formula relates to normal service retirement.

For members hired after July 1, 2013, the minimum retirement age is 52 for normal service retirement with at least 25 years of service credit. For members hired on or before after July 1, 2013, the minimum retirement age is 48 for normal service retirement with at least 25 years of service credit.

The annual pension benefit for normal service retirement is equal to a percentage of the allowable average annual salary. The percentage equals 2.50 percent for each of the first 20 years of service credit, 2.00 percent for each of the next five years of service credit and 1.50 percent for each year of service credit in excess of 25 years. The maximum pension of 72.00 percent of the allowable average annual salary is paid after 33 years of service credit (see OP&F CAFR referenced above for additional information, including requirements for Deferred Retirement Option Plan provisions and reduced and unreduced benefits).

Under normal service retirement, retired members who are at least 55 years old and have been receiving OP&F benefits for at least one year may be eligible for a cost-of-living allowance adjustment. The age 55 provision for receiving a COLA does not apply to those who are receiving a permanent and total disability benefit, surviving beneficiaries, and statutory survivors. Members participating in the DROP program have separate eligibility requirements related to COLA.

The COLA amount for members who have 15 or more years of service credit as of July 1, 2013, and members who are receiving a pension benefit that became effective before July 1, 2013, will be equal to 3.0 percent of the member's base pension benefit.

The COLA amount for members who have less than 15 years of service credit as of July 1, 2013, and members whose pension benefit became effective on or after July 1, 2013, will be equal to a percentage of the member's base pension benefit where the percentage is the lesser of 3.0% or the percentage increase in the consumer price index, if any, over the twelve-month period that ends on the thirtieth day of September of the immediately preceding year, rounded to the nearest one-tenth of one percent.

Members who retired prior to July 24, 1986, or their surviving beneficiaries under optional plans are entitled to cost-of-living allowance increases. The annual increase is paid on July 1st of each year. The annual COLA increase is $360 under a Single Life Annuity Plan with proportional reductions for optional payment plans.

Funding Policy
The Ohio Revised Code (ORC) provides statutory authority for member and employer contributions as follows:

	Police	Firefighters
2021 Statutory Maximum Contribution Rates		
Employer	19.50%	24.00%
Employee	12.25%	12.25%
2021 Actual Contribution Rates		
Employer:		
Pension	19.00%	23.50%
Post-Employment Health Care Benefits	0.50%	0.50%
Total Employer	19.50%	24.00%
Employee	12.25%	12.25%

Employer contribution rates are expressed as a percentage of covered payroll. The City's contractually required contribution to OP&F was $140,508 for 2021.

Pension Liabilities
The net pension liability (asset) for OPERS was measured as of December 31, 2020, and the total pension liability used to calculate the net pension liability (asset) was determined by an actuarial valuation as of that date. OP&F's total pension liability was measured as of December 31, 2020, and was determined by rolling forward the total pension liability as of January 1, 2020, to December 31, 2020. The City's proportion of the net pension liability (asset) was based on the City's share of contributions to the pension plan relative to the contributions of all participating entities. Following is information related to the proportionate share of the City's defined benefit pension plans:

	OPERS Traditional Plan	OPF	Total
Proportionate Share of the:			
Net Pension Liability	$1,090,596	$1,867,235	$2,957,831
Proportion of the Net Pension Liability:			
Current Measurement Date	0.00736500%	0.02739050%	
Prior Measurement Date	0.00684700%	0.02767930%	
Change in Proportionate Share	0.00051800%	-0.00028880%	

Actuarial Assumptions - OPERS

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and cost trends. Actuarially determined amounts are subject to continual review or modification as actual results are compared with past expectations and new estimates are made about the future.

Projections of benefits for financial-reporting purposes are based on the substantive plan (the plan as understood by the employers and plan members) and include the types of benefits provided at the time of each valuation. The total pension liability was determined by an actuarial valuation as of December 31, 2019, using the following actuarial assumptions applied to all periods included in the measurement in accordance with the requirements of GASB 67. Key methods and assumptions used in the latest actuarial valuation, reflecting experience study results, prepared as of December 31, 2020, are presented below.

	OPERS Traditional Plan
Wage Inflation	3.25%
Future Salary Increases	3.25% to 10.75% (includes wage inflation)
COLA or Ad Hoc COLA:	
Pre-January 7, 2013 Retirees	3.00%, Simple
Post-January 7, 2013 Retirees	0.50%, Simple through 2021, then 2.15%, Simple
Investment Rate of Return	7.20%
Actuarial Cost Method	Individual Entry Age

In October 2020, the OPERS Board adopted a change in COLA for Post-January 7, 2013 retirees, changing it from 1.4 percent simple through 2020 then 2.15 simple to 0.5 percent simple through 2021 then 2.15 percent simple.

Pre-retirement mortality rates are based on the RP-2014 Employees mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates are based on the RP-2014 Healthy Annuitant mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates for disabled retirees are based on the RP-2014 Disabled mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Mortality rates for a particular calendar year are determined by applying the MP-2015 mortality improvement scale to all of the above described tables. The most recent experience study was completed for the five year period ended December 31, 2015.

The allocation of investment assets with the Defined Benefit portfolio is approved by the Board of Trustees as outlined in the annual investment plan. Plan assets are managed on a total return basis with a long-term objective of achieving and maintaining a fully funded status for the benefits provided through the defined benefit pension plans. The long-term expected rate of return on defined benefit investment assets was determined using a building-block method in which best-estimate ranges of expected future real rates of return are developed for each major asset class. These ranges are combined to produce the long-term expected real rate of return by weighting the expected future real rates of return by the target asset allocation percentage, adjusted for inflation. Best estimates of arithmetic real rates of return were provided by the Board’s investment consultant. For each major asset class that is included in the Defined Benefit portfolio’s target asset allocation as of December 31, 2020, these best estimates are summarized in the following table:

Asset Class	Target Allocation	Weighted Average Long-Term Expected Real Rate of Return (Arithmetic)
Fixed Income	25.00%	1.32%
Domestic Equities	21.00%	5.64%
Real Estate	10.00%	5.39%
Private Equity	12.00%	10.42%
International Equities	23.00%	7.36%
Other Investments	9.00%	4.75%
Total	100.00%	5.43%

Discount Rate
The discount rate used to measure the total pension liability was 7.2 percent for the traditional plan and the combined plan. The projection of cash flows used to determine the discount rate assumed that contributions from plan members and those of the contributing employers are made at the contractually required rates, as actuarially determined. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefits payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments for the traditional pension plan, combined plan and member-directed plan was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount Rate
The following table presents the City's proportionate share of the net pension liability (asset) calculated using the current period discount rate assumption of 7.2 percent, as well as what the City's proportionate share of the net pension liability (asset) would be if it were calculated using a discount rate that is one-percentage-point lower (6.2 percent) or one-percentage-point higher (8.2 percent) than the current rate:

	1% Decrease (6.20%)	Current Discount Rate (7.20%)	1% Increase (8.20%)
Proportionate share of the net pension liability	$2,080,318	$1,090,596	$267,644

Changes in Assumptions or Benefit Terms Since the Last Measurement Date, and Changes from the Measurement Date to the Report Date

During 2021, the OPERS Board lowered the investment rate of return from 7.2 percent to 6.9 along with certain other changes to assumptions for the actuarial valuation as of December 31, 2021. The effects of these changes are unknown.

Actuarial Assumptions – OP&F

OP&F's total pension liability as of December 31, 2020, is based on the results of an actuarial valuation date of January 1, 2020, and rolled-forward using generally accepted actuarial procedures. The total pension liability is determined by OP&F's actuaries in accordance with GASB Statement No. 67, as part of their annual valuation. Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about probability of occurrence of events far into the future.

Examples include assumptions about future employment mortality, salary increases, disabilities, retirements and employment terminations. Actuarially determined amounts are subject to continual review and potential modifications, as actual results are compared with past expectations and new estimates are made about the future. Assumptions considered were: withdrawal rates, disability retirement, service retirement, DROP elections, mortality, percent married and forms of the payment, DROP interest rate, CPI-based COLA, investment returns, salary increases and payroll growth.

Key methods and assumptions used in the latest actuarial valuation, reflecting experience study results, prepared as of January 1, 2020, are presented below.

Valuation Date	January 1, 2020, with actuarial liabilities rolled forward to December 31, 2020
Actuarial Cost Method	Entry Age Normal
Investment Rate of Return	8.00%
Salary Increases	3.75% to 10.50%
Payroll Growth	3.25% per annum, compounded annually, consisting of Inflation rate of 2.75% plus productivity increase rate of 0.50%
Cost of Living Adjustments	2.20% Simple for increases based on the lesser of the increase in CPI and 3.00%

Mortality for non-disabled participants is based on the RP-2014 Total Employee and Healthy Annuitant Mortality Tables rolled back to 2006, adjusted according to the rates in the following table, and projected with the Buck Modified 2016 Improvement Scale. Rates for surviving beneficiaries are adjusted by 120 percent.

Age	Police	Fire
67 or less	77%	68%
68-77	105%	87%
78 and up	115%	120%

Mortality for disabled retirees is based on the RP-2014 Disabled Mortality Tables rolled back to 2006, adjusted according to the rates in the following table, and projected with the Buck Modified 2016 Improvement Scale.

Age	Police	Fire
59 or less	35%	35%
60-69	60%	45%
70-79	75%	70%
80 and up	100%	90%

The most recent experience study was completed for the five year period ended December 31, 2016.

The long-term expected rate of return on pension plan investments was determined using a building-block approach and assumes a time horizon, as defined in the Statement of Investment Policy. A forecasted rate of inflation serves as the baseline for the return expected. Various real return premiums over the baseline inflation rate have been established for each asset class. The long-term expected nominal rate of return has been determined by calculating a weighted averaged of the expected real return premiums for each asset class, adding the projected inflation rate and adding the expected return from rebalancing uncorrelated asset classes. Best estimates of the long-term expected geometric real rates of return for each major asset class included in OP&F's target asset allocation as of December 31, 2020, are summarized below:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Cash and Cash Equivalents	0.00%	0.00%
Domestic Equity	21.00%	4.10%
Non-US Equity	14.00%	4.80%
Private Markets	8.00%	6.40%
Core Fixed Income*	23.00%	0.90%
High Yield Fixed Income	7.00%	3.00%
Private Credit	5.00%	4.50%
U.S. Inflation Linked Bonds*	17.00%	0.70%
Midstream Energy Infrastructure	5.00%	5.60%
Real Assets	8.00%	5.80%
Gold	5.00%	1.90%
Private Real Estate	12.00%	5.30%
Total	125.00%	

Note: Assumptions are geometric
** levered 2.5x*

OP&F's Board of Trustees has incorporated the risk parity concept into OP&F's asset liability valuation with the goal of reducing equity risk exposure, which reduces overall Total Portfolio risk without sacrificing return and creating a more risk-balanced portfolio based on the relationship between asset classes and economic environments. From the notional portfolio perspective above, the Total Portfolio may be levered up to 1.20 times due to the application of leverage in certain fixed income asset classes.

Discount Rate

Total pension liability was calculated using the discount rate of 8.00 percent. The projection of cash flows used to determine the discount rate assumed the contributions from employers and from members would be computed based on contribution requirements as stipulated by state statute. Projected inflows from investment earnings were calculated using the longer-term assumed investment rate of return 8.00 percent. Based on those assumptions, OP&F's fiduciary net position was projected to be available to make all future benefit payment of current plan members. Therefore, a long-term expected rate of return on pension plan investments was applied to all periods of projected benefits to determine the total pension liability.

Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount Rate
Net pension liability is sensitive to changes in the discount rate. To illustrate the potential impact, the following table presents the net pension liability calculated using the discount rate of 8.00 percent, as well as what the net pension liability would be if it were calculated using a discount rate that is one percentage point lower, 7.00 percent, or one percentage point higher, 9.00 percent, than the current rate:

	1% Decrease (7.00%)	Current Discount Rate (8.00%)	1% Increase (9.00%)
Proportionate share of the net pension liability	$2,599,430	$1,867,235	$1,254,461

Changes in Assumptions or Benefit Terms Since the Last Measurement Date, and Changes from the Measurement Date to the Report Date
There have been no OP&F pension plan amendments adopted or changes in assumptions between the measurement date and the report date that would have impacted the actuarial valuation studies as of the pension plan for the measurement date.

Note 8 – Postemployment Benefits

See Note 7 for a description of the net OPEB liability.

Plan Description – Ohio Public Employees Retirement System (OPERS)

OPERS maintains a cost-sharing, multiple-employer defined benefit post-employment health care trust, which funds multiple health care plans including medical coverage, prescription drug coverage and deposits to a Health Reimbursement Arrangement (HRA) to qualifying benefit recipients of both the traditional pension and the combined plans. Currently, Medicare-eligible retirees are able to select medical and prescription drug plans from a range of options and may elect optional vision and dental plans. Retirees and eligible dependents enrolled in Medicare Parts A and B have the option to enroll in a Medicare supplemental plan with the assistance of the OPERS Medicare Connector. The OPERS Medicare Connector is a relationship with a vendor selected by OPERS to assist retirees, spouses and dependents with selecting a medical and pharmacy plan. Monthly allowances, based on years of service and the age at which the retiree first enrolled in OPERS coverage, are deposited into an HRA. For non-Medicare retirees and eligible dependents, OPERS sponsors medical and prescription coverage through a professionally managed self-insured plan. An allowance to offset a portion of the monthly premium is offered to retirees and eligible dependents. The allowance is based on the retiree’s years of service and age when they first enrolled in OPERS coverage.

Medicare-eligible retirees who choose to become re-employed or survivors who become employed in an OPERS-covered position are prohibited from participating in an HRA. For this group of retirees, OPERS sponsors secondary coverage through a professionally managed self-insured program. Retirees who enroll in this plan are provided with a monthly allowance to offset a portion of the monthly premium. Medicare-eligible spouses and dependents can also enroll in this plan as long as the retiree is enrolled.

OPERS provides a monthly allowance for health care coverage for eligible retirees and their eligible dependents. The base allowance is determined by OPERS.

The health care trust is also used to fund health care for member-directed plan participants, in the form of a Retiree Medical Account (RMA). At retirement or separation, member directed plan participants may be eligible for reimbursement of qualified medical expense from their vested RMA balance.

Effective January 1, 2022, OPERS will discontinue the group plans currently offered to non-Medicare retirees and re-employed retirees. Instead, eligible non-Medicare retirees will select an individual medical plan. OPERS will provide a subsidy or allowance via an HRA allowance to those retirees who meet health care eligibility requirements. Retirees will be able to seek reimbursement for plan premiums and other qualified medical expenses. These changes are reflected in the December 31, 2020, measurement date health care valuation.

In order to qualify for postemployment health care coverage, age and service retirees under the traditional pension and combined plans must have twenty or more years of qualifying Ohio service credit with a minimum age of 60, or generally 30 years of qualifying service at any age. Health care coverage for disability benefit recipients and qualified survivor benefit recipients is available. Current retirees eligible (or who become eligible prior to January 1, 2022) to participate in the OPERS health care program will continue to be eligible after January 1, 2022. Eligibility requirements will change for those retiring after January 1, 2022, with differing eligibility requirements for Medicare retirees and non-Medicare retirees. The health care coverage provided by OPERS meets the definition of an Other Post Employment Benefit (OPEB) as described in GASB Statement 75. See OPERS' Annual Comprehensive Financial Report referenced below for additional information.

The Ohio Revised Code permits, but does not require OPERS to provide health care to its eligible benefit recipients. Authority to establish and amend health care coverage is provided to the Board in Chapter 145 of the Ohio Revised Code.

Disclosures for the health care plan are presented separately in the OPERS financial report. Interested parties may obtain a copy by visiting opers.org/financial/reports.shtml, by writing to OPERS, 277 East Town Street, Columbus, Ohio 43215-4642, or by calling (614) 222-5601 or 800-222-7377.

Funding Policy

The Ohio Revised Code provides the statutory authority allowing public employers to fund postemployment health care through their contributions to OPERS. When funding is approved by OPERS' Board of Trustees, a portion of each employer's contribution to OPERS is set aside to fund OPERS health care plans. Beginning in 2018, OPERS no longer allocated a portion of its employer contributions to health care for the traditional plan.

Employer contribution rates are expressed as a percentage of the earnable salary of active members. In 2021, state and local employers contributed at a rate of 14.0 percent of earnable salary and public safety and law enforcement employers contributed at 18.1 percent. These are the maximum employer contribution rates permitted by the Ohio Revised Code. Active member contributions do not fund health care.

Each year, the OPERS Board determines the portion of the employer contribution rate that will be set aside to fund health care plans. For 2021, OPERS did not allocate any employer contribution to health care for members in the Traditional Pension Plan and Combined Plan. The OPERS Board is also authorized to establish rules for the retiree or their surviving beneficiaries to pay a portion of the health care provided. Payment amounts vary depending on the number of covered dependents and the coverage selected. The employer contribution as a percentage of covered payroll deposited into the RMA for participants in the member-directed plan for 2021 was 4.0 percent.

Employer contribution rates are actuarially determined and are expressed as a percentage of covered payroll. The City's contractually required contribution was $0 for 2021.

Plan Description – Ohio Police & Fire Pension Fund (OP&F)

Health Care Plan Description
The City contributes to the Ohio Police and Fire Pension Fund (OP&F) sponsored healthcare program, a cost-sharing, multiple-employer defined post-employment health care plan administered by a third-party provider. This program is not guaranteed and is subject to change at any time upon action of the Board of Trustees. On January 1, 2019, OP&F implemented a new model for health care. Under this new model, OP&F provides eligible retirees with a fixed stipend earmarked to pay for health care and Medicare Part B reimbursements.

OP&F contracted with a vendor who assists eligible retirees in choosing health care plans that are available where they live (both Medicare-eligible and pre-65 populations). A stipend funded by OP&F is available to these members through a Health Reimbursement Arrangement and can be used to reimburse retirees for qualified health care expenses.

A retiree is eligible for the OP&F health care stipend unless they have access to any other group coverage including employer and retirement coverage. The eligibility of spouses and dependent children could increase the stipend amount. If the spouse or dependents have access to any other group coverage including employer or retirement coverage, they are not eligible for stipend support from OP&F. Even if an OP&F member or their dependents are not eligible for a stipend, they can use the services of the third-party administrator to select and enroll in a plan. The stipend provided by OP&F meets the definition of an Other Post Employment Benefit (OPEB) as described in Governmental Accounting Standards Board (GASB) Statement No. 75.

OP&F maintains funds for health care in two separate accounts: one account for health care benefits and one account for Medicare Part B reimbursements. A separate health care trust accrual account is maintained for health care benefits under IRS Code Section 115 trust. IRS Code Section 401(h) account is maintained for Medicare Part B reimbursements.

The Ohio Revised Code allows, but does not mandate, OP&F to provide OPEB benefits. Authority for the OP&F Board of Trustees to provide health care coverage to eligible participants and to establish and amend benefits is codified in Chapter 742 of the Ohio Revised Code.

OP&F issues a publicly available financial report that includes financial information and required supplementary information for the plan. The report may be obtained by visiting the OP&F website at www.op-f.org or by writing to the Ohio Police and Fire Pension Fund, 140 East Town Street, Columbus, Ohio 43215-5164.

Funding Policy
The Ohio Revised Code provides for contribution requirements of the participating employers and of plan members to the OP&F defined benefit pension plan. Participating employers are required to contribute to the pension plan at rates expressed as percentages of the payroll of active pension plan members, currently 19.50 percent and 24.00 percent of covered payroll for police and fire employer units, respectively. The Ohio Revised Code states that the employer contribution may not exceed 19.50 percent of covered payroll for police employer units and 24.00 percent of covered payroll for fire employer units. Active members do not make contributions to the OPEB Plan.

The Board of Trustees is authorized to allocate a portion of the total employer contributions for retiree health care benefits. For 2021, the portion of employer contributions allocated to health care was 0.5 percent of covered payroll. The amount of employer contributions allocated to the health care plan each year is subject to the Trustees' primary responsibility to ensure that pension benefits are adequately funded.

The OP&F Board of Trustees is also authorized to establish requirements for contributions to the health care plan by retirees and their eligible dependents or their surviving beneficiaries. Payment amounts vary depending on the number of covered dependents and the coverage selected.

The City's contractually required contribution to OP&F was $3,698 for 2021.

Net OPEB Liability/(Asset)

The net OPEB liability and total OPEB liability for OPERS were determined by an actuarial valuation as of December 31, 2019, rolled forward to the measurement date of December 31, 2020, by incorporating the expected value of health care cost accruals, the actual health care payment, and interest accruals during the year. OP&F's total OPEB liability was measured as of December 31, 2020, and was determined by rolling forward the total OPEB liability as of January 1, 2020, to December 31, 2020. The City's proportion of the net OPEB liability was based on the City's share of contributions to the retirement plan relative to the contributions of all participating entities. Following is information related to the proportionate share:

	OPERS Traditional Plan	OPF	Total
Proportionate Share of the:			
Net OPEB Liability/(Asset)	($143,863)	$290,207	$146,344
Proportion of the Net OPEB Liability:			
Current Measurement Date	0.00807500%	0.02739050%	
Prior Measurement Date	0.00761900%	0.02767930%	
Change in Proportionate Share	0.00045600%	-0.00028880%	

Actuarial Assumptions - OPERS

Actuarial valuations of an ongoing plan involve estimates of the values of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and cost trends. Actuarially determined amounts are subject to continual review or modification as actual results are compared with past expectations and new estimates are made about the future.

Projections of health care costs for financial reporting purposes are based on the substantive plan (the plan as understood by the employers and plan members) and include the types of coverage provided at the time of each valuation and the historical pattern of sharing of costs between OPERS and plan members. The total OPEB liability was determined by an actuarial valuation as of December 31, 2019, rolled forward to the measurement date of December 31, 2020. The actuarial valuation used the following actuarial assumptions applied to all prior periods included in the measurement in accordance with the requirements of GASB 74:

Wage Inflation	3.25%
Projected Salary Increases, including inflation	3.25% to 10.75% (including wage inflation)
Single Discount Rate:	
Current measurement date	6.00%
Prior Measurement date	3.16%
Investment Rate of Return	6.00%
Municipal Bond Rate:	
Current measurement date	2.00%
Prior Measurement date	2.75%
Health Care Cost Trend Rate:	
Current measurement date	8.50% initial, 3.50% ultimate in 2035
Prior Measurement date	10.50% initial, 3.50% ultimate in 2030
Actuarial Cost Method	Individual Entry Age

Pre-retirement mortality rates are based on the RP-2014 Employees mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates are based on the RP-2014 Healthy Annuitant mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates for disabled retirees are based on the RP-2014 Disabled mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Mortality rates for a particular calendar year are determined by applying the MP-2015 mortality improvement scale to all of the above described tables. The most recent experience study was completed for the five year period ended December 31, 2015.

The allocation of investment assets within the Health Care portfolio is approved by the Board of Trustees as outlined in the annual investment plan. Assets are managed on a total return basis with a long-term objective of continuing to offer a sustainable health care program for current and future retirees. OPERS' primary goal is to achieve and maintain a fully funded status for the benefits provided through the defined pension plans. Health care is a discretionary benefit. The long-term expected rate of return on health care investment assets was determined using a building-block method in which best-estimate ranges of expected future real rates of return are developed for each major asset class. These ranges are combined to produce the long-term expected real rate of return by weighting the expected future real rates of return by the target asset allocation percentage, adjusted for inflation. For each major asset class that is included in the Health Care's portfolio's target asset allocation as of December 31, 2019, these best estimates are summarized in the following table:

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Asset Class	Target Allocation	Weighted Average Long-Term Expected Real Rate of Return (Arithmetic)
Fixed Income	34%	1.07%
Domestic Equities	25%	5.64%
Real Estate Investment Trusts	7%	6.48%
International Equities	25%	7.36%
Other investments	9%	4.02%
Total	100%	4.43%

Discount Rate

A single discount rate of 6.00 percent was used to measure the OPEB liability on the measurement date of December 31, 2020. A single discount rate of 3.16 percent was used to measure the OPEB liability on the measurement date of December 31, 2019. Projected benefit payments are required to be discounted to their actuarial present value using a single discount rate that reflects (1) a long-term expected rate of return on OPEB plan investments (to the extent that the health care fiduciary net position is projected to be sufficient to pay benefits), and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate are not met). This single discount rate was based on an expected rate of return on the health care investment portfolio of 6.00 percent and a municipal bond rate of 2.00 percent. The projection of cash flows used to determine this single discount rate assumed that employer contributions will be made at rates equal to the actuarially determined contribution rate. Based on these assumptions, the health care fiduciary net position and future contributions were sufficient to finance health care costs through 2120. As a result, the long-term expected rate of return on health care investments was applied to projected costs through the year 2120, the duration of the projection period through which projected health care payments are fully funded.

Sensitivity of the City's Proportionate Share of the Net OPEB Liability to Changes in the Discount Rate

The following table presents the City's proportionate share of the net OPEB liability calculated using the single discount rate of 6.00 percent, as well as what the City's proportionate share of the net OPEB liability would be if it were calculated using a discount rate that is one-percentage-point lower (5.00 percent) or one-percentage-point higher (7.00 percent) than the current rate:

	1% Decrease (5.00%)	Current Discount Rate (6.00%)	1% Increase (7.00%)
Proportionate share of the net OPEB liability/(Asset)	($35,772)	($143,863)	($232,722)

Sensitivity of the Proportionate Share of the Net OPEB Liability to Changes in the Health Care Cost Trend Rate

Changes in the health care cost trend rate may also have a significant impact on the net OPEB liability. The following table presents the net OPEB liability calculated using the assumed trend rates, and the expected net OPEB liability if it were calculated using a health care cost trend rate that is 1.0 percent lower or 1.0 percent higher than the current rate.

Retiree health care valuations use a health care cost-trend assumption that changes over several years built into the assumption. The near-term rates reflect increases in the current cost of health care; the trend starting in 2021 is 8.50 percent. If this trend continues for future years, the projection indicates that years from now virtually all expenditures will be for health care. A more reasonable alternative is that in the not-too-distant future, the health plan cost trend will decrease to a level at, or near, wage inflation. On this basis, the actuaries project premium rate increases will continue to exceed wage inflation for approximately the next decade, but by less each year, until leveling off at an ultimate rate, assumed to be 3.50 percent in the most recent valuation.

	1% Decrease	Current Health Care Cost Trend Rate Assumption	1% Increase
Proportionate share of the net OPEB liability/(Asset)	($147,369)	($143,863)	($139,940)

Changes between Measurement Date and Reporting Date
On January 15, 2020, the Board approved several changes to the health care plan offered to Medicare and pre-Medicare retirees in efforts to decrease costs and increase the solvency of the health care plan. These changes are effective January 1, 2022, and include changes to base allowances and eligibility for Medicare retirees, as well as replacing OPERS-sponsored medical plans for pre-Medicare retirees with monthly allowances, similar to the program for Medicare retirees. These changes are not reflected in the current year financial statements but are expected to decrease the associated OPEB liability.

Actuarial Assumptions – OP&F

OP&F's total OPEB liability as of December 31, 2020, is based on the results of an actuarial valuation date of January 1, 2020, and rolled-forward using generally accepted actuarial procedures. The total OPEB liability is determined by OP&F's actuaries in accordance with GASB Statement No. 74, as part of their annual valuation. Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, salary increases, disabilities, retirements and employment terminations. Actuarially determined amounts are subject to continual review and potential modifications, as actual results are compared with past expectations and new estimates are made about the future.

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employers and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing benefit costs between the employers and plan members to that point. The projection of benefits for financial reporting purposes does not explicitly incorporate the potential effects of legal or contractual funding limitations.

Actuarial calculations reflect a long-term perspective. For a newly hired employee, actuarial calculations will take into account the employee's entire career with the employer and also take into consideration the benefits, if any, paid to the employee after termination of employment until the death of the employee and any applicable contingent annuitant. In many cases, actuarial calculations reflect several decades of service with the employer and the payment of benefits after termination.
Key methods and assumptions used in the latest actuarial valuation, reflecting experience study results, are presented below.

Valuation Date	January 1, 2020, with actuarial liabilities rolled forward to December 31, 2020
Actuarial Cost Method	Entry Age Normal
Investment Rate of Return	8.00%
Projected Salary Increases	3.75% to 10.50%
Payroll Growth	3.25%
Blended discount rate:	
Currrent measurement date	2.96%
Prior measurement date	3.56%
Cost of Living Adjustments	2.20% Simple

Mortality for non-disabled participants is based on the RP-2014 Total Employee and Healthy Annuitant Mortality Tables rolled back to 2006, adjusted according to the rates in the following table, and projected with the Buck Modified 2016 Improvement Scale. Rates for surviving beneficiaries are adjusted by 120 percent.

Age	Police	Fire
67 or less	77%	68%
68-77	105%	87%
78 and up	115%	120%

Mortality for disabled retirees is based on the RP-2014 Disabled Mortality Tables rolled back to 2006, adjusted according to the rates in the following table, and projected with the Buck Modified 2016 Improvement Scale.

Age	Police	Fire
59 or less	35%	35%
60-69	60%	45%
70-79	75%	70%
80 and up	100%	90%

The most recent experience study was completed for the five year period ended December 31, 2016.

The long-term expected rate of return on OPEB plan investments was determined using a building-block approach and assumes a time horizon, as defined in the Statement of Investment Policy. A forecasted rate of inflation serves as the baseline for the return expected. Various real return premiums over the baseline inflation rate have been established for each asset class. The long-term expected nominal rate of return has been determined by calculating a weighted averaged of the expected real return premiums for each asset class, adding the projected inflation rate and adding the expected return from rebalancing uncorrelated asset classes. Best estimates of the long-term expected geometric real rates of return for each major asset class included in OP&F's target asset allocation as of December 31, 2020, are summarized below:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Cash and Cash Equivalents	0.00%	0.00%
Domestic Equity	21.00%	4.10%
Non-US Equity	14.00%	4.80%
Private Markets	8.00%	6.40%
Core Fixed Income*	23.00%	0.90%
High Yield Fixed Income	7.00%	3.00%
Private Credit	5.00%	4.50%
U.S. Inflation Linked Bonds*	17.00%	0.70%
Midstream Energy Infrastructure	5.00%	5.60%
Real Assets	8.00%	5.80%
Gold	5.00%	1.90%
Private Real Estate	12.00%	5.30%
Total	125.00%	

Note: Assumptions are geometric
** levered 2.5x*

OP&F's Board of Trustees has incorporated the risk parity concept into OP&F's asset liability valuation with the goal of reducing equity risk exposure, which reduces overall Total Portfolio risk without sacrificing return and creating a more risk-balanced portfolio based on the relationship between asset classes and economic environments. From the notional portfolio perspective above, the Total Portfolio may be levered up to 1.20 times due to the application of leverage in certain fixed income asset classes.

Discount Rate

For 2020, the total OPEB liability was calculated using the discount rate of 2.96 percent. For 2019, the total OPEB liability was calculated using the discount rate of 3.56 percent. The projection of cash flows used to determine the discount rate assumed the contribution from employers and from members would be computed based on contribution requirements as stipulated by State statute. Projected inflows from investment earnings were calculated using the longer-term assumed investment rate of return of 8 percent. Based on those assumptions, OP&F's fiduciary net position was projected to not be able to make all future benefit payments of current plan members. Therefore, a municipal bond rate of 2.12 percent at December 31, 2020 and 2.75 percent at December 31, 2019, was blended with the long-term rate of 8 percent, which resulted in a blended discount rate of 2.96 percent for 2020 and 3.56 percent for 2019. The municipal bond rate was determined using the Bond Buyers General Obligation 20-year Municipal Bond Index Rate. The OPEB plan's fiduciary net position was projected to be available to make all projected OPEB payments until 2037. The long-term expected rate of return on health care investments was applied to projected costs through 2037, and the municipal bond rate was applied to all health care costs after that date.

Sensitivity of the Proportionate Share of the Net OPEB Liability to Changes in the Discount Rate

Net OPEB liability is sensitive to changes in the discount rate, and to illustrate the potential impact the following table presents the net OPEB liability calculated using the discount rate of 2.96 percent, as well as what the net OPEB liability would be if it were calculated using a discount rate that is one percentage point lower (1.96 percent), or one percentage point higher (3.96 percent) than the current rate.

	1% Decrease (1.96%)	Current Discount Rate (2.96%)	1% Increase (3.96%)
Proportionate share of the net OPEB liability	$361,871	$290,207	$231,092

Sensitivity of the Proportionate Share of the Net OPEB Liability to Changes in the Health Care Cost Trend Rate

The total OPEB liability is based on a medical benefit that is a flat dollar amount; therefore, it is unaffected by a health care cost trend rate. An increase or decrease in the trend rate would have no effect on the total OPEB liability.

Changes between Measurement Date and Report Date

There are no changes to benefit terms.

Note 9 – Risk Management

The City is exposed to various risks of property and casualty losses, and injuries to employees. The City insures against injuries to employees through the Ohio Bureau of Worker's Compensation.

The City belongs to the Public Entities Pool of Ohio (PEP), a risk-sharing pool available to Ohio local Cities. PEP provides property and casualty coverage for its members. York Insurance Services Group, Inc. (York) functions as the administrator of PEP and provides underwriting, claims, loss control, risk management, and reinsurance services for PEP. PEP is a member of the American Public Entity Excess Pool (APEEP), which is also administered by York. Member Cities pay annual contributions to fund PEP. PEP pays judgments, settlements and other expenses resulting from covered claims that exceed the members' deductibles.

Casualty and Property Coverage

APEEP provides PEP with an excess risk-sharing program. Under this arrangement, PEP retains insured risks up to an amount specified in the contracts. At December 31, 2020, PEP retained $350,000 for casualty claims and $100,000 for property claims.

The aforementioned casualty and property reinsurance agreement does not discharge PEP's primary liability for claims payments on covered losses. Claims exceeding coverage limits are the obligation of the respective government.

Financial Position

PEP's financial statements (audited by other auditors) conform with generally accepted accounting principles, and reported the following assets, liabilities and net position at December 31, (the most recent information available):

PEP Financial Data
Casualty & Property Coverage

	2020	2019
Assets	$57,336,449	$54,973,597
Liabilities	(16,156,805)	(16,440,940)
Net Position:		
Unrestricted	$41,179,644	$38,532,657

At December 31, 2020 the liabilities above include approximately $14.1 million of estimated incurred claims payable. The assets above also include approximately $13.5 million of unpaid claims to be billed. The Pool's membership increased to over 571 members in 2020. These amounts will be included in future contributions from members when the related claims are due for payment.

Based on discussions with PEP, the expected rates PEP charges to compute member contributions, which are used to pay claims as they become due, are not expected to change significantly from those used to determine the historical contributions detailed below. By contract, the annual liability of each member is limited to the amount of financial contributions required to be made to PEP for each year of membership.

After one year of membership, a member may withdraw on the anniversary of the date of joining PEP, if the member notifies PEP in writing 60 days prior to the anniversary date. Upon withdrawal, members are eligible for a full or partial refund of their capital contributions, minus the subsequent year's contribution. Withdrawing members have no other future obligation to PEP. Also upon withdrawal, payments for all casualty claims and claim expenses become the sole responsibility of the withdrawing member, regardless of whether a claim occurred or was reported prior to the withdrawal.

Note 10 – Contingent Liability

The City is not party to any legal proceedings.

Note 11 – Interfund Transfers and Advances

Activity for the years ending December 31, 2021:

Fund	Transfer In	Transfer Out
Major Funds:		
General Fund	$0	$1,580,000
Police Levy Fund	1,185,000	0
Street Capital Improvement	303,000	0
Other Government Funds	0	0
Other Enterprise Funds	92,000	0
	$1,580,000	$1,580,000

Transfers are used to move revenues from the fund that statute or budget requires to collect them to the fund that statute or budget requires to expend them and unrestricted revenues collected in the General Fund to finance various programs accounted for in other funds in accordance with budgetary authorizations; to segregate and to return money to the fund from which it was originally provided once a project is completed.

Transfers represent the allocation of unrestricted receipts collected in the General Fund to finance various programs accounted for in other funds in accordance with budgetary authorizations.

Note 12 – Fund Balances

Fund balance is classified as nonspendable, restricted, committed, assigned and/or unassigned based primarily on the extent to which the City is bound to observe constraints imposed upon the use of the resources in the governmental funds. The constraints placed on the fund balance for the major governmental funds and all other governmental funds are presented below:

Fund Balances	General	Police Levy	Emergency Medical Services	Fire Services	EMS Capital Improvements	Street Capital Improvements	Other Governmental Funds	Total
Nonspendable								
Unclaimed Monies	$24,136	$0	$0	$0	$0	$0	$0	$24,136
Permanent Endowment	0	0	0	0	0	0	25,721	25,721
Total Nonspendable	24,136	0	0	0	0	0	25,721	49,857
Restricted for:								
Street Capital Improvement	0	0	0	0	0	4,728	0	4,728
Emergency Medical Services	0	0	1,131,176	0	0	0	0	1,131,176
Fire Services	0	0	0	795,432	0	0	0	795,432
Drug Law Enforcement	0	0	0	0	0	0	12,405	12,405
Law Enforcement Trust	0	0	0	0	0	0	792	792
Federal Law Enforcement	0	0	0	0	0	0	2,374	2,374
Senior Citizens	0	0	0	0	0	0	215,558	215,558
DUI Education and Enforcement	0	0	0	0	0	0	8,012	8,012
Parks Capital Improvement	0	0	0	0	0	0	39,159	39,159
Street Improvements	0	0	0	0	0	0	55,972	55,972
State Highway	0	0	0	0	0	0	59,574	59,574
Motor Vehicle License Tax	0	0	0	0	0	0	60,668	60,668
Permissive Tax	0	0	0	0	0	0	738	738
Police Levy	0	381,952	0	0	0	0	0	381,952
Street Lights	0	0	0	0	0	0	168,923	168,923
Warren Street Reconstruction	0	0	0	0	0	0	49	49
Fire Capital Improvement	0	0	0	0	0	0	395,136	395,136
Police Professional Training	0	0	0	0	0	0	5,180	5,180
Capital Improvements	0	0	0	0	712,826	0	0	712,826
Coronavirus Fiscal Recorvery	0	0	0	0	0	0	232,767	232,767
TIF	0	0	0	0	0	0	57,079	57,079
Total Restricted	0	381,952	1,131,176	795,432	712,826	4,728	1,314,386	4,340,500
Assigned to:								
Encumbrances	66,828	0	0	0	0	0	0	66,828
Total Assigned	66,828	0	0	0	0	0	0	66,828
Unassigned (Deficit)	777,741	0	0	0	0	0	0	777,741
Total Fund Balance	$868,705	$381,952	$1,131,176	$795,432	$712,826	$4,728	$1,340,107	$5,234,926

Note 13 – COVID-19

The United States and the State of Ohio declared a state of emergency in March 2020 due to the COVID-19 pandemic. Ohio's state of emergency ended in June, 2021 while the national state of emergency continues. During 2021, the City received COVID-19 funding. The financial impact of COVID-19 and the continuing emergency measures will impact subsequent periods of the City. The impact on the City's future operating costs, revenues, and additional recovery from emergency funding, either federal or state, cannot be estimated.

The City's investment portfolio fluctuates with market conditions, and due to market volatility, the amount of gains or losses that will be realized in subsequent periods, if any, cannot be determined.

Note 14 – Implementation of New Accounting Principles

For fiscal year 2021, the City implemented Governmental Accounting Standards Board (GASB) Statement No. 89, *Accounting for Interest Cost Incurred Before the End of a Construction Period.*

GASB Statement No. 89 establishes accounting requirements for interest cost incurred before the end of a construction period. Such interest cost includes all interest that previously was accounted for in accordance with the requirements of paragraphs 5–22 of Statement No. 62, *Codification of Accounting and Financial Reporting Guidance Contained in Pre-November 30, 1989 FASB and AICPA Pronouncements,* which are superseded by this Statement. This Statement requires that interest cost incurred before the end of a construction period be recognized as an expense in the period in which the cost is incurred for financial statements prepared using the economic resources measurement focus. As a result, interest cost incurred before the end of a construction period will not be included in the historical cost of a capital asset reported in a business-type activity or enterprise fund. The implementation of GASB Statement No. 89 did not have an effect on the financial statements.

INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS REQUIRED BY *GOVERNMENT AUDITING STANDARDS*

City of Germantown
Montgomery County
75 North Walnut Street
Germantown, Ohio 45327

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the modified cash basis financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the City of Germantown, Ohio (the City), as of and for the year ended December 31, 2021, and the related notes to the financial statements, which collectively comprise the City's basic financial statements, and have issued our report thereon dated May 26, 2023, wherein we noted the City presented financial statements on the modified cash basis of accounting rather than in accordance with accounting principles generally accepted in the United States of America, as disclosed in Note 2.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the City's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the City's internal control. Accordingly, we do not express an opinion on the effectiveness of the City's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses or significant deficiencies may exist that have not been identified.

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Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the City's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed an instance of noncompliance or other matters that are required to be reported under *Government Auditing Standards* and which are described in the accompanying schedule of findings as item 2021-001.

City's Response to Finding

The City's response to the finding identified in our audit is described in the accompanying schedule of findings. The City's response was not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Plattenburg & Associates, Inc.

Plattenburg & Associates, Inc.
Cincinnati, Ohio
May 26, 2023

SCHEDULE OF FINDINGS
DECEMBER 31, 2021

<u>Finding 2021–001 – Noncompliance</u>

Ohio Rev. Code § 117.38 provides that each public office shall file a financial report for each fiscal year. The Auditor of State may prescribe forms by rule or may issue guidelines, or both, for such reports. If the Auditor of State has not prescribed a rule regarding the form for the report, the public office shall submit its report on the form utilized by the public office. Ohio Admin. Code 117-2-03 further clarifies the requirements of Ohio Rev. Code 117.38.

Ohio Admin. Code Section 117-2-03 (B) requires the City to prepare its annual financial report in accordance with generally accepted accounting principles. However, the City prepared its financial statements on a modified cash basis, which is a comprehensive basis of accounting other than accounting principles accepted in the United States of America. The accompanying financial statements omit certain assets, liabilities, fund equities, and disclosure that, while material, cannot be determined at this time. The City can be fined and various other administrative remedies may be taken against the City. As such, the City should prepare its annual financial report in accordance with generally accepted accounting principles.

Recommendation:

The City should prepare financial statements that follow GAAP.

City's Response:

The City evaluated the cost-benefit relationship of preparing GAAP statements versus modified cash financial statements and determined that the significant cost of compliance exceeds the benefit received.

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OHIO AUDITOR OF STATE
KEITH FABER

CITY OF GERMANTOWN

MONTGOMERY COUNTY

AUDITOR OF STATE OF OHIO CERTIFICATION

This is a true and correct copy of the report, which is required to be filed pursuant to Section 117.26, Revised Code, and which is filed in the Office of the Ohio Auditor of State in Columbus, Ohio.

Certified for Release 6/27/2023

88 East Broad Street, Columbus, Ohio 43215
Phone: 614-466-4514 or 800-282-0370

This report is a matter of public record and is available online at
www.ohioauditor.gov