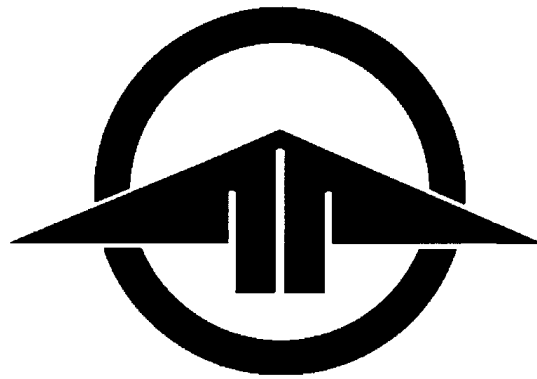


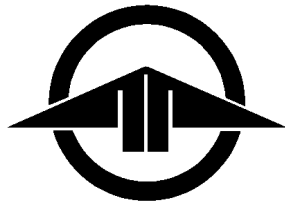
CITY OF KETTERING, OHIO

COMPREHENSIVE ANNUAL FINANCIAL REPORT

YEAR ENDED DECEMBER 31, 2017



Prepared by:
Department of Finance
Nancy H. Gregory, CPA, Director



CITY OF KETTERING

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FOR THE YEAR ENDED DECEMBER 31, 2017****TABLE OF CONTENTS**

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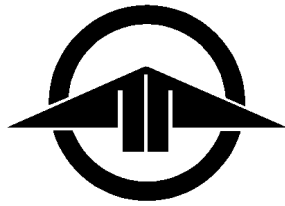
**COMPREHENSIVE ANNUAL FINANCIAL REPORT
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INTRODUCTORY SECTION



CITY OF KETTERING



March 15, 2018

Honorable Mayor, Members of City Council
and Citizens of Kettering, Ohio:

The Comprehensive Annual Financial Report for the City of Kettering for the year ended December 31, 2017, is hereby submitted. Responsibility for the accuracy of the data and the completeness and fairness of the presentation including all disclosures, rests with the City. To the best of our knowledge and belief, the enclosed data are accurate in all material respects and are reported in a manner designed to present fairly the financial position and results of operations of the City. All disclosures necessary to enable the reader to gain an understanding of the City's financial activities have been included.

The City provides various services including police and fire protection, parks, recreation and cultural arts, street maintenance, planning, zoning and other general governmental services. The City does not maintain utility operations. In addition to general governmental activities, the City oversees the Kettering Volunteer Firefighters Pension Plan, and the activities of the Plan are included in the reporting entity. However, Montgomery County, Greene County, Beavercreek, Centerville, Kettering, Sugarcreek and West Carrollton School Districts, Miami Conservancy District, Miami Valley Regional Transit Authority, Ohio Police and Fire Pension Fund and the Ohio Public Employees Retirement System have not met the established criteria for inclusion in the reporting entity and are excluded from this report. In addition, the City is one of twenty local cities involved in a public entity risk pool, Miami Valley Risk Management Association, Inc. This separate entity does not meet the established criteria for inclusion in the reporting entity and, accordingly is not included in the City's financial report.

HISTORY AND BACKGROUND

Kettering was established as a village in 1952. Three years later, it achieved City status, adopted a Home Rule Charter and approved the Council/Manager form of government. The City of Kettering was named for its most outstanding citizen, Charles F. Kettering, a well-known philanthropist and inventor.

Kettering invented the automotive self-starter, and the "Bug," the world's first robot plane.

The City operates under a Council/Manager form of government with a Mayor and six City Council members elected on a non-partisan basis for a term of four years. Kettering is known as a leader in many areas of municipal government, including financial reporting, traffic system management, police services, parks, recreation and cultural arts programs, intergovernmental cooperation and successfully structured volunteer programs. Kettering citizens are known for their community spirit and involvement. In fact, Kettering is commonly known as the "City of Volunteers."

The quality of living in any city can be measured best by the satisfaction of the residents with the services they receive. In Kettering, people like what they find. A recent survey showed that 97% of residents are satisfied with Kettering as a place to live.

ECONOMIC CONDITION AND OUTLOOK

Our local economy was hit hard by declining employment as a result of the recession, but this downward trend has reversed in the past few years. This has a direct impact on our largest General Fund revenue, income tax. Fortunately the vote of our residents to increase the income tax rate effective January 1, 2007 increased our General Fund significantly during 2007 and 2008. That vote put the City in a better position to weather the financial challenges of the uncertain economy. In addition, the City implemented mandatory filing of municipal income tax for all residents ages eighteen and older. Mandatory filing is effective for tax years beginning January 1, 2012. This move has resulted in the establishment of a more accurate tax base allowing for more efficient follow up and improved delinquency collections.

Although the City was negatively impacted by a decline in employment in the area during the recession, the overall effect was diminished due to the diversity of the employment base. Kettering's business base ranges from some major employers headquartered in Kettering to many midsize companies specializing in technology or professional services down to smaller family owned businesses.

Kettering's largest employers include Kettering Medical Center (KMC), Synchrony Financial, and Reynolds & Reynolds. KMC employs 3,570 and continued its commitment to our community with the opening of a new \$49 million state of the art cancer care center in December 2016. The new center was built on vacant land across the street from the main campus and includes a pedestrian walkway that spans Southern Boulevard connecting the cancer care center to the main hospital. After completion of \$1.5 million of improvements to their facility at the Kettering Business Park (KBP), Synchrony Financial has increased employment from 1,450 to 2,000. Reynolds & Reynolds, a fortune 1000 company based in Dayton since 1866, has increased employment from 1,150 to 1,350 at its Miami Valley Research Park campus. Other major employers in the city include Kettering City Schools, Limited Brands Inc., a catalogue order center for Victoria's Secret, and a number of engineering firms and computer hardware and software related businesses.

In the areas of new employment, expansion, and redevelopment, there is much to report. In late 2017, the City completed the purchase of nearly 300 acres of unimproved land from the Miami Valley Research Foundation for \$1.5 million. The City plans to aggressively market the land remaining for development and work with existing tenants to explore expansion opportunities. Alternate Solutions Health Network completed a major renovation of their 200,000 square foot facility in the Kettering Business Park. The company projects growth in employment of more than 340 jobs in the next five years. N12 Technologies, Inc. is a manufacturing company serving the medical, automotive, aviation and space sectors. The company plans to relocate from Massachusetts to Kettering after renovating and upgrading 6,000 square feet of the NCC Building at the Kettering Business Park. Finally, the City continues to implement the plan developed by the Wilmington Pike Improvement Committee to regenerate investment and spur economic development along the Wilmington Pike corridor. The Demolition Program provides financial assistance to commercial and residential property owners in the Program Designated Area to assist with the demolition of structures and clearing of sites for purposes of redevelopment. In 2017, the City completed major streetscape improvements in the corridor between Stroop Road and Marshall Road including new streetlights and trees. The City also installed a new eight-foot concrete multiuse path, offering a connection to existing regional bikeways and improved pedestrian access to businesses. The City will continue to act as a catalyst for reinvestment in this vital area in future years.

The City continued implementing a significant capital investment in the construction of four new fire stations. This is part of a strategic planning process that began in 2006 to develop a comprehensive modernization strategy for all aspects of the Fire Department. A key component of the strategy was addressing the physical facilities with an average age of 42 years. The existing stations were undersized for modern apparatus, void of mixed gender facilities for 24/7 operations, and did not meet ADA requirements. The first two new stations were completed and placed in full operation during 2016. The third station, #34 at 2575 Woodman Drive, opened for business in November 2017, and the fourth and final station is under construction at 1300 West Dorothy Lane. All of the new stations should be operational by the end of 2018. As part of this significant project, the City issued General Obligation debt for \$15.5 million, about half the project cost. In conjunction with the issuance of debt, the City's bond rating was upgraded by Moody's Investors Service from Aa2 to Aa1. Moody's cited the City's strong financial management practices, healthy General Fund reserves and additional liquidity in the Capital Projects Fund, and moderate debt burden as the primary reasons for the upgrade.

Kettering participates in ED/GE, a revenue sharing program that includes about thirty communities in Montgomery County. Money from the program is distributed to the communities for economic development projects after an application for funds is filed and a board of local officials for the communities reviews and approves the projects. The City has benefited significantly in the past from this program and will continue to apply for future funds as eligible opportunities become available. The ED/GE program was to expire after 2010, but a new agreement has extended the program for an additional nine years.

A significant area of emphasis for this organization is long term financial planning. This includes preparation of a five year capital improvement program and a long range financial forecast. Additional practices are discussed under Long Term Financial Policies in the City's 2018 Budget message. These policies include the development each year of a balanced budget where the appropriations for any given year shall not exceed the sum of available cash balances, less reserves, plus revenues to be received during the year. In addition, current year operating expenditures and debt service obligations shall be covered using current year operating revenues. In the area of debt, the City shall not issue long-term debt to pay for current operations.

The City's focus on economic development combined with the existing variety of businesses located within Kettering are significant factors affecting the future economic strength of this community. Promoting Kettering as a good place to do business for new businesses, as well as existing businesses, will continue to be one of our highest priorities.

For a more in-depth analysis of the City's current economic condition, please see the Management Discussion and Analysis (MD&A) portion of the report starting on page 5 of the Financial Section.

ACCOUNTING SYSTEM AND BUDGETARY CONTROL

Management of the City is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of the City are protected from loss, theft or misuse and to ensure that adequate accounting data are compiled to allow for the preparation of financial statements in conformity with generally accepted accounting principles. The internal control structure is designed to provide reasonable, but not absolute, assurance that these objectives are met. The concept of reasonable assurance recognizes that the cost of controls should not exceed the benefits likely to be derived, and the evaluation of costs and benefits requires estimates and judgments by management.

Budgetary Controls. The City maintains budgetary controls to ensure compliance with legal provisions embodied in the annual appropriated budget approved by City Council. Activities of the General Fund, Special Revenue Funds, the Debt Service Fund and the Capital Projects Fund are included in the annual appropriated budget. For more detailed budget information, please see the Notes to the Required Supplementary Information on page 57 of this report.

OTHER INFORMATION

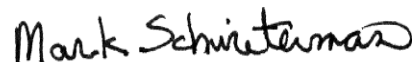
Independent Audit. The basic financial statements of the City of Kettering were audited by Plattenburg & Associates, Inc. Certified Public Accountants. See page 2 of the Financial Section of this report for their unmodified opinion.

Awards. The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the City of Kettering, Ohio for its comprehensive annual financial report for the

fiscal year ended December 31, 2016. The Certificate of Achievement is a prestigious national award recognizing conformance with the highest standards for preparation of state and local government financial reports. In order to be awarded a Certificate of Achievement, a government unit must publish an easily readable and efficiently organized comprehensive annual financial report, whose contents conform to program standards. Such reports must satisfy both generally accepted accounting principles and applicable legal requirements. A Certificate of Achievement is valid for a period of one year only. The City of Kettering has received a Certificate of Achievement for the last 35 consecutive years (fiscal years ended 1982-2016). We believe our current report continues to conform to the Certificate of Achievement Program requirements, and we are submitting it to GFOA. In addition, the City also received the GFOA's Award for Distinguished Budget Presentation for its annual appropriated budget for the fiscal year beginning January 1, 2017. The City of Kettering has received a Distinguished Budget Presentation Award for the last 32 consecutive years (fiscal years beginning 1986-2017). In order to receive this award, the City must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan and as a communications device.

Acknowledgements. A note of sincere appreciation is extended to the many conscientious people who have contributed so much of their time and effort to the preparation of this report. The Finance Department staff, in particular, are to be commended for their commitment to professional excellence as exemplified by the contents of this report. Finally, contributions to the financial condition of the City of Kettering by the Mayor, members of City Council, Assistant City Manager and Department Directors cannot be overemphasized. Their guidance and support represent invaluable factors necessary for the City to continue to manage the financial affairs and reporting requirements of municipal government within the Kettering Community.

Respectfully submitted,



Mark Schwieterman
City Manager



Nancy H. Gregory, CPA
Director of Finance

CITY OF KETTERING, OHIO

CITY OFFICIALS

Donald E. Patterson, Mayor
Rob Scott, Vice Mayor
Bruce E. Duke
Tony Klepacz
Bill Lautar
Amy Schrimpf
Joseph D. Wanamaker

CITY MANAGER

Mark Schwieterman

INDEPENDENT AUDITORS

Plattenburg & Associates, Inc.
Certified Public Accountants

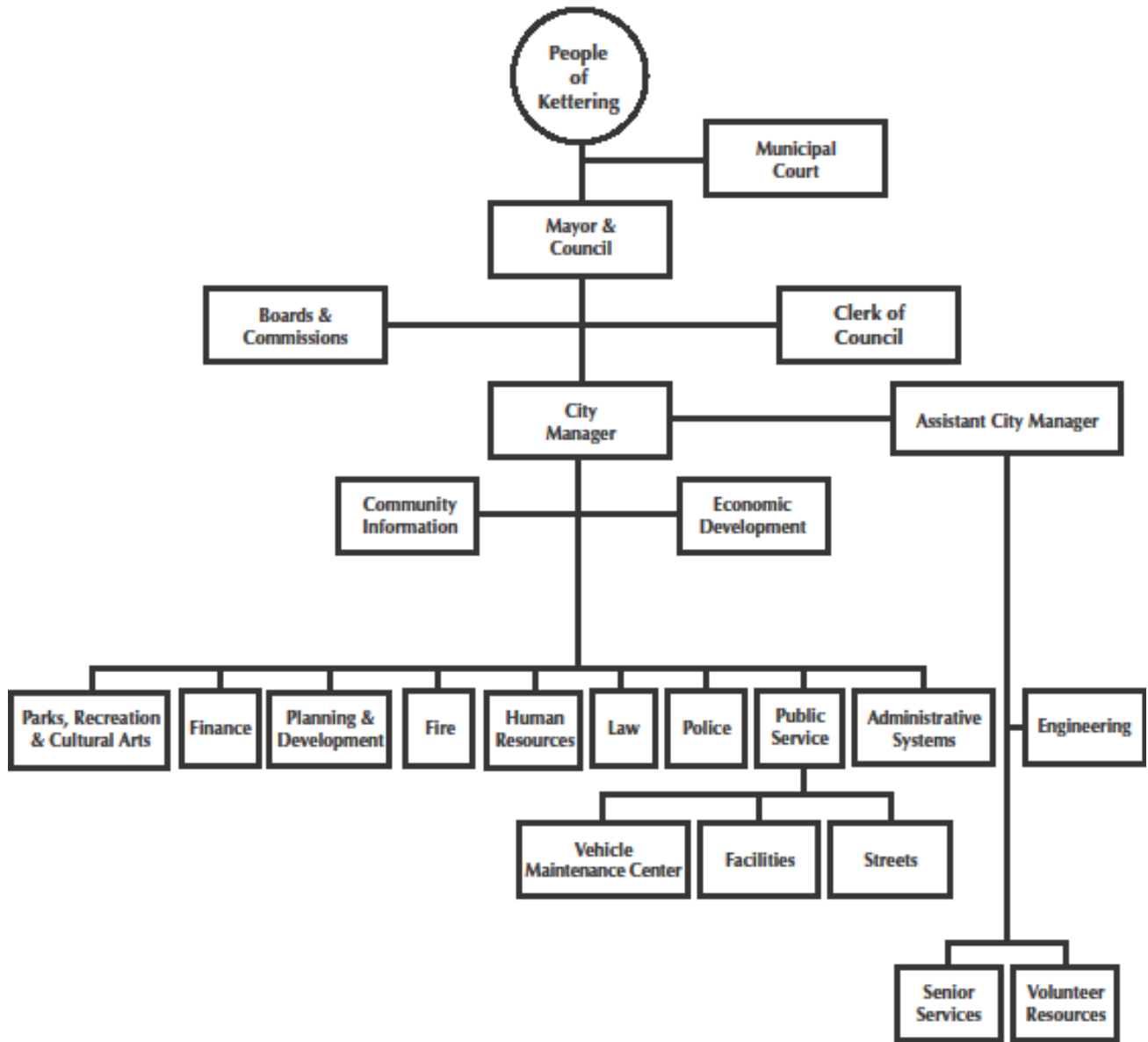
CITY OF KETTERING, OHIO

DEPARTMENT OF FINANCE

STAFF

Nancy H. Gregory, CPA	Finance Director
Marcy K. Bare, CPA	Assistant Finance Director
Kelly M. O'Connell, CPA	Budget Manager
Estelle O. Gibson, CPA	Purchasing Manager
Rachel F. Dexter, CPA	Tax Manager
Tracy L. Roesle	Secretary
Martin J. Van Oss, CPA	Financial Analyst
Justin R. Wiedle, CPA	Financial Analyst
Rhonda L. South	Finance Technician II
Mary Anne Marshall	Finance Technician II
Sharin L. Day	Finance Technician II
Lynn A. Blumenschein	Finance Technician II - Part-Time
Kimberly M. Koogler	Finance Technician II
Melissa K. Schultz, CPA	Finance Technician II
Jeri N. Evenden	Finance Technician II
Lauren N. Haynes	Finance Technician II
Kimberly L. Stevens, CPA	Finance Technician I - Part-Time
Julie M. Byerly	Finance Technician I
Joyce A. Foley	Finance Technician I
Michelle R. Robinson	Finance Technician I
Victoria L. Adams	Finance Clerk
Christine M. Miller	Finance Clerk - Part Time

City of Kettering 2017 Organizational Chart





Government Finance Officers Association

Certificate of
Achievement
for Excellence
in Financial
Reporting

Presented to

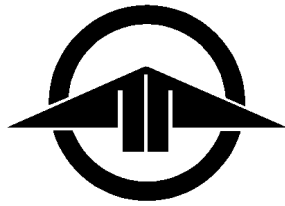
City of Kettering
Ohio

For its Comprehensive Annual
Financial Report
for the Fiscal Year Ended

December 31, 2016

Christopher P. Morill

Executive Director/CEO



CITY OF KETTERING

FINANCIAL SECTION

INDEPENDENT AUDITOR'S REPORT

Honorable Mayor, City Council,
and City Manager
City of Kettering, Ohio

Report on the Financial Statements

We have audited the accompanying financial statements of the governmental activities, each major fund, and the aggregate remaining fund information of the City of Kettering, Ohio (the City) as of and for the year ended December 31, 2017, and the related notes to the financial statements, which collectively comprise the City's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes 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.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. 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. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements 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 entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, each major fund, and the aggregate remaining fund information of the City, as of December 31, 2017, and the respective changes in financial position, and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, budgetary comparison information and schedules of pension liabilities, pension contributions, changes in pension liability and related ratios, employer contributions, and investment returns listed in the table of contents be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary and Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the City's basic financial statements. The introductory section, combining and individual nonmajor fund financial statements and schedules and the schedule of bonds and notes and statistical section, are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The combining and individual nonmajor fund financial statements and schedules and the schedule of bonds and notes are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the combining and individual nonmajor fund financial statements and schedules and the schedule of bonds and notes are fairly stated in all material respects in relation to the basic financial statements as a whole.

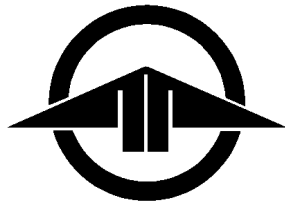
The introductory and statistical sections have not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on them.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated March 15, 2018, 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 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 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.
Dayton, Ohio
March 15, 2018



CITY OF KETTERING

MANAGEMENT'S DISCUSSION AND ANALYSIS (unaudited)

Our discussion and analysis of the City of Kettering's financial performance provides an overview of the City's financial activities for the fiscal year ended December 31, 2017.

FINANCIAL HIGHLIGHTS

1. Net position decreased \$9,995,100 or 4.8% while unrestricted net position decreased \$13,977,700 or 26.1%. The majority of these decreases are the result of GASB 68 pension reporting. See "THE CITY AS A WHOLE" on page 6 for details.
2. Total revenues increased .1% while total expenses increased 12.2%.
3. Charges for services decreased 13.6%.
4. Operating grants and contributions decreased 11.4%.
5. Income taxes increased \$953,700 or 2.0%.
6. Refunds and reimbursements increased \$584,200, or 33.6%.
7. Total costs of services increased 12.4%, while net costs of services increased 19.0%.
8. The General Fund reported an increase in fund balance of \$167,200.

USING THIS ANNUAL REPORT

This annual report consists of a series of financial statements. The Statement of Net Position and the Statement of Activities (on pages 12 and 13) provide information about the activities of the City as a whole and present a longer-term view of the City's finances. Fund financial statements start on page 14. For governmental funds, these statements tell how these services were financed in the short term as well as what remains for future spending. Fund financial statements also report the City's operations in more detail than the government-wide statements by providing information about the City's most significant funds. The remaining statements provide financial information about activities for which the City acts solely as a trustee or agent for the benefit of those outside of the government.

Reporting the City as a Whole*The Statement of Net Position and the Statement of Activities*

Our analysis of the City as a whole begins on page 6. One of the most important questions asked about the City's finances is, "Is the City as a whole better off or worse off as a result of the year's activities?" The Statement of Net Position and the Statement of Activities report information about the City as a whole and about its activities in a way that help answer this question. These statements include all assets, deferred outflows, liabilities and deferred inflows using the accrual basis of accounting, which is similar to the accounting used by most private-sector companies. All of the current year's revenues and expenses are taken into account regardless of when cash is received or paid.

These two statements report the City's net position and changes in it. You can think of the City's net position — the difference between assets, deferred outflows and liabilities, deferred inflows — as one way to measure the City's financial health. Over time, increases or decreases in the City's net position is one indicator of whether its financial health is improving or deteriorating. You will need to consider other nonfinancial factors, however, such as changes in the City's property tax base, the condition of the City's roads, the condition of the City's neighborhoods, and the reputation of the public schools to assess the overall health of the City.

Reporting the City's Most Significant Funds

Fund Financial Statements

Our analysis of the City's major funds begins on page 9. The fund financial statements begin on page 14 and provide detailed information about the most significant funds — not the City as a whole. Some funds are required to be established by State law and by bond covenants. However, the Finance Director establishes many other funds to help control and manage money for particular purposes or to show that the City is meeting legal responsibilities for using certain taxes, grants, and other money (like grants received from the U.S. Department of Housing and Urban Development). The City's two kinds of funds — governmental and proprietary — use different accounting approaches.

- Governmental funds — Most of the City's basic services are reported in governmental funds, which focus on how money flows into and out of those funds and the balances left at year-end that are available for spending. These funds are reported using an accounting method called modified accrual accounting, which measures cash and all other financial assets that can readily be converted to cash. The governmental fund statements provide a detailed short-term view of the City's general government operations and the basic services it provides. Governmental fund information helps you determine whether there are more or fewer financial resources that can be spent in the near future to finance the City's programs. The relationship (or differences) between governmental activities (reported in the Statement of Net Position and the Statement of Activities) and governmental funds is described in a reconciliation at the bottom of the fund financial statements.
- Proprietary funds — The City uses internal service funds (a component of proprietary funds) to report activities that provide supplies and services for the City's other programs and activities. An example of an internal service fund would be the City's Administrative Operations Fund, which accounts for activities of the Vehicle Maintenance Center, the Print Shop, and others. Proprietary funds are reported in the same way that all activities are reported in the Statement of Net Position and the Statement of Activities.

The City as Trustee

Reporting the City's Fiduciary Responsibilities

The City is the trustee, or fiduciary, for its volunteer firefighters pension plan. It is also responsible for other assets that — because of a trust arrangement — can be used only for the trust beneficiaries. All of the City's fiduciary activities are reported in separate Statements of Fiduciary Net Position and Changes in Fiduciary Net Position on page 21. We exclude these activities from the City's other financial statements because the City cannot use these assets to finance its operations. The City is responsible for ensuring that the assets reported in these funds are used for their intended purposes.

THE CITY AS A WHOLE

The largest impact on the City's financial statement in 2017 had absolutely no impact on the City's financial condition; GASB Statement 68, "Accounting and Financial Reporting for Pensions—an Amendment of GASB Statement 27". GASB 68 required the City to recognize a pension liability of over \$78 million. For reasons discussed below, this liability serves only to distort the true financial position of the City. Users of this financial statement will gain a clearer understanding of the City's actual financial condition by adding deferred inflows related to pension and the net pension liability to the reported net position and subtracting deferred outflows related to pension. The resulting net position would be \$254,820,000, which is \$55 million more than the net position reported.

Governmental Accounting Standards Board standards are national and apply to all government financial reports prepared in accordance with generally accepted accounting principles. When accounting for pension costs, GASB 27 focused on a funding approach. This approach limited pension costs to contributions annually required by law, which may or may not be sufficient to fully fund each plan's *net pension liability*. GASB 68 takes an earnings approach to

pension accounting; however, the nature of Ohio's statewide pension systems and state law governing those systems requires additional explanation in order to properly understand the information presented in these statements.

Under the new standards required by GASB 68, the net pension liability equals the City's proportionate share of each plan's collective:

1. Present value of estimated future pension benefits attributable to active and inactive employees' past service
- 2 Minus plan assets available to pay these benefits

GASB notes that pension obligations, whether funded or unfunded, are part of the "employment exchange" – that is, the employee is trading his or her labor in exchange for wages, benefits, and the promise of a future pension. GASB noted that the unfunded portion of this pension promise is a present obligation of the government, part of a bargained-for benefit to the employee, and should accordingly be reported by the government as a liability since they received the benefit of the exchange. However, the City is not responsible for certain key factors affecting the balance of this liability. In Ohio, the employee shares the obligation of funding pension benefits with the employer. Both employer and employee contribution rates are capped by State statute. A change in these caps requires action of both Houses of the General Assembly and approval of the Governor. Benefit provisions are also determined by State statute. The employee enters the employment exchange with the knowledge that the employer's promise is limited not by contract but by law. The employer enters the exchange also knowing that there is a specific, legal limit to its contribution to the pension system. In Ohio, there is no legal means to enforce the unfunded liability of the pension system *as against the public employer*. State law operates to mitigate/lessen the moral obligation of the public employer to the employee, because all parties enter the employment exchange with notice as to the law. The pension system is responsible for the administration of the plan.

Most long-term liabilities have set repayment schedules or, in the case of compensated absences (i.e. sick and vacation leave), are satisfied through paid time-off or termination payments. There is no repayment schedule for the net pension liability. As explained above, changes in pension benefits, contribution rates, and return on investments affect the balance of the net pension liability, but are outside the control of the local government. In the event that contributions, investment returns, and other changes are insufficient to keep up with required pension payments, State statute does not assign/identify the responsible party for the unfunded portion. Due to the unique nature of how the net pension liability is satisfied, this liability is separately identified within the long-term liability section of the statement of net position.

For 2017 the City produced a 4.8% decrease in total net position. Revenues generated were \$80.4 million and expenses from all programs were \$90.4 million resulting in a deficit for the year of \$9,995,100. The unrestricted net position — the part of net position that can be used to finance day-to-day operations without constraints established by debt covenants, enabling legislation, or other legal requirements — decreased \$13,977,700.

Explanations for the larger fluctuations between years are as follows:

- Charges for services decreased primarily due to lower receipts from Parks and Recreation and the Frazee Pavilion
- Operating grants and contributions were lower because of decreased Community Development activities.
- Income taxes were higher due to an improved economy.
- Refunds and reimbursements increased due to reimbursement received from Oakwood for the Shroyer Road project.

The following two tables present condensed information on Net Position and Changes in Net Position for the year.

NET POSITION

	2017	2016
Current and other assets	\$124,969,232	\$129,337,358
Capital assets	179,669,385	177,330,595
Total assets	<u>304,638,617</u>	<u>306,667,953</u>
Deferred outflows of resources	23,427,052	22,440,574
Long-term debt outstanding	(29,742,848)	(31,231,773)
Net pension liability	(78,622,055)	(68,767,095)
Other liabilities	(8,639,080)	(8,346,452)
Total liabilities	<u>(117,003,983)</u>	<u>(108,345,320)</u>
Deferred inflows of resources	(11,913,207)	(11,619,611)
Net position:		
Net investment in capital assets	154,876,124	150,978,928
Restricted	4,714,828	4,629,490
Unrestricted	39,557,527	53,535,178
Total net position	<u>\$199,148,479</u>	<u>\$209,143,596</u>

CHANGES IN NET POSITION

	2017	2016
Revenues		
Program revenues:		
Charges for services	\$10,751,026	\$12,444,497
Operating grants and contributions	1,516,856	1,712,929
Capital grants and contributions	4,052,442	3,971,051
General revenues:		
Income taxes	48,736,262	47,782,561
Property taxes	6,389,160	6,419,915
Other taxes	3,713,967	3,771,345
Investment earnings	1,022,835	1,038,317
Other general revenue	4,258,741	3,251,941
Total revenues	<u>80,441,289</u>	<u>80,392,556</u>
Program expenses		
General government	17,835,211	15,634,860
Police	15,327,428	17,158,438
Fire	19,797,057	14,562,573
Public works	17,497,488	14,974,876
Leisure services	19,179,484	17,396,893
Interest on long-term debt	799,738	840,510
Total expenses	<u>90,436,406</u>	<u>80,568,150</u>
Increase (decrease) in net position	(9,995,117)	(175,594)
Net position beginning	209,143,596	209,319,190
Net position ending	<u>\$199,148,479</u>	<u>\$209,143,596</u>

The following table presents the cost of each of the City's four largest programs – police, fire, public works and leisure services – as well as each program's net cost (total cost less revenues generated by the activities). The net cost shows the financial burden that was placed on the City's taxpayers by each of these functions.

GOVERNMENTAL ACTIVITIES

	Total Cost of Services		Net Cost of Services	
	2017	2016	2017	2016
Police	\$15,327,428	\$17,158,438	\$15,254,234	\$17,124,082
Fire	19,797,057	14,562,573	18,604,992	12,941,202
Public works	17,497,488	14,974,876	13,427,286	11,009,852
Leisure services	19,179,484	17,396,893	11,633,118	8,565,964
All others	17,835,211	15,634,860	14,396,714	11,958,063
	<u>\$89,636,668</u>	<u>\$79,727,640</u>	<u>\$73,316,344</u>	<u>\$61,599,163</u>

Total costs of services for 2017 increased by \$9,909,000 while net costs of services increased by \$11,717,200. Total costs increased due to 13 new firefighter positions added during the year, an amount accrued to terminate the volunteer firefighter pension plan, and expenditures for Oakwood's portion of the Shroyer Road project (which were reimbursed). Net costs of services increased by a greater amount because of decreased revenues from charges for services.

The capital asset activity for the year was reduced. Capital asset additions totaled \$13.4 million compared to \$19.7 million in 2016. 2017's larger additions included over \$4 million in new fire stations, \$4.9 million in street improvements and \$2 million in signal improvements. Total net capital assets for 2017 were \$179,669,384. Of this total, \$12,986,295 was not being depreciated and the capital assets being depreciated totaled \$315,838,732 with accumulated depreciation of \$149,155,643.

At December 31, 2017, the City had various debt issues outstanding, which included \$23,510,000 of general obligation bonds and \$916,347 of promissory notes. As of December 31, 2017, the City's net general obligation bonded debt of \$23,876,913 was well below the legal limit of \$111,698,952 and debt per capita equaled \$441.45.

For more detail on capital asset and long-term debt activity, refer to note 7 and note 12 respectively in the Notes to the Basic Financial Statements.

THE CITY'S FUNDS

As the City completed the year, its governmental funds (as presented in the balance sheets on pages 14 and 15) reported a combined fund balance of \$90 million, which is 7% lower than last year's total of \$96.8 million.

In 2013 the City received a one-time estate tax distribution of over \$42 million dollars. This estate tax distribution consisted of 2 large estates, one being the largest estate ever settled in Montgomery County Ohio. In the past, The City has relied on revenues derived from Ohio's estate tax to pay for capital improvements in the city. The Ohio General Assembly abolished the estate tax effective in 2013. In prior years, on average, the City received \$3,000,000 per year that was placed in the Capital Projects Fund. Consistent with established policy and past practice of using estate tax revenues to fund capital projects and in response to the abolishment of the estate tax, City Council passed legislation in 2013 to commit the \$40 million to the Capital Projects Fund. The legislation states that the funds are to be expended for future capital improvement projects at a rate of \$3,000,000 per year until the \$40 million is exhausted.

The City's General Fund experienced a \$1,900,061, or 3.2% overall increase in revenues for 2017. At the same time expenditures increased by \$2,470,900 or 5.8%, and transfers out increased by \$1,307,800 or 9%. The City's General Fund balance increased in 2017 by \$167,200. The increase in revenues can be attributed primarily to an improving economy and as a result, increased income tax receipts. Transfers out to the Parks, Recreation & Cultural Arts fund increased due to lower revenue and higher expenditures in the Parks, Recreation & Cultural Arts fund as well as the 2016 sale of property which reduced required transfers in 2016. Total revenues for the General Fund were \$61 million

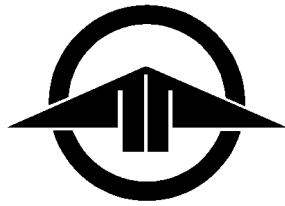
while total expenditures were \$45.1 million. Transfers to other funds totaled \$15.9 million resulting in the \$167,200 increase to the General Fund balance.

The Emergency Medical fund transferred \$1,290,000 out to the Capital Projects Fund. This money will be used to help fund the construction and equipping of a new fire station which is currently under contract.

Revenues in the Capital Projects fund increased by \$1.1 million or 28.7%. This increase was due to increased grant revenue for roadway and signal projects. Completion of all but one of the new fire stations and reduction in roadway projects are responsible for the \$3 million or 15.4% decrease in capital project expenditures. Revenues in the Frazee Pavilion fund decreased by \$1.1 million; expenditures decreased by \$1 million. Ticket sales and production costs were greater in 2016 due to the 25th anniversary season. There were no other material changes to the major funds in 2017.

There was a significant variance between General fund actual expenditures and final budgeted expenditures for "Transfers to other funds". Because of lower than expected expenditures in the Capital Projects Fund, the required transfers were reduced.

As mentioned above, 2017 produced a slight increase to the General Fund balance. This increase can be attributed primarily to increased income tax revenues. The improving economy should help to increase future income tax revenues as well as improve property tax valuations in the long run. The City is still dealing with the State reducing the local share of sales tax distributions as well as the State's total elimination of the estate tax in 2013.



CITY OF KETTERING

STATEMENT OF NET POSITION
DECEMBER 31, 2017

ASSETS	
Pooled cash and investments (note 2)	\$91,739,272
Receivables:	
Income taxes (net of allowance for \$1,422,641)	10,342,200
Property taxes	7,039,173
Payments in lieu of taxes	367,000
Interest	565,367
Accounts	379,704
Special assessments	1,015,000
Loans (net of allowance for \$215,295)	8,451,948
Due from other governments	2,371,597
Prepaid expenses	612,770
Inventory	385,464
Assets held for resale	1,699,737
Capital assets not being depreciated (note 7)	12,986,296
Capital assets being depreciated, net (note 7)	166,683,089
Total assets	<u>304,638,617</u>
DEFERRED OUTFLOWS OF RESOURCES	
Pensions	23,427,052
Total deferred outflows	<u>23,427,052</u>
LIABILITIES	
Accounts payable	5,017,130
Salary and benefits payable	1,521,146
Accrued interest payable	67,990
Accrued health claims	448,019
Unearned revenue	1,584,795
Noncurrent liabilities (note 12)	
Due within one year	4,553,837
Due in more than one year	
Net pension liability	78,622,055
Other amounts	25,189,011
Total liabilities	<u>117,003,983</u>
DEFERRED INFLOWS OF RESOURCES	
Property taxes	8,054,173
Grants, other taxes and payments in lieu of taxes	3,382,479
Pensions	476,555
Total deferred inflows	<u>11,913,207</u>
NET POSITION	
Net investment in capital assets	154,876,124
Restricted for:	
Debt service	1,024,676
Social services	1,303,652
Public safety	316,753
Road construction/Public works	139,230
Leisure services	57,939
Municipal court activities	1,872,578
Unrestricted	39,557,527
Total net position	<u>\$199,148,479</u>

See accompanying notes to the basic financial statements.

STATEMENT OF ACTIVITIES
FOR THE YEAR ENDED DECEMBER 31, 2017

Functions/Programs	Expenses	Program Revenues			Total Net (Expense) Revenue and Changes in Net Position
		Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	
General government	\$17,835,211	\$2,585,743	\$852,754	\$0	(\$14,396,714)
Police	15,327,428	30,557	42,637		(15,254,234)
Fire	19,797,057	1,188,940	3,125		(18,604,992)
Public works	17,497,488	17,360	400	4,052,442	(13,427,286)
Leisure services	19,179,484	6,928,426	617,940		(11,633,118)
Interest on long-term debt	799,738				(799,738)
Total	<u>\$90,436,406</u>	<u>\$10,751,026</u>	<u>\$1,516,856</u>	<u>\$4,052,442</u>	<u>(74,116,082)</u>
General revenues:					
Taxes:					
					48,736,262
					5,645,036
					744,124
					593,237
					1,938,004
					770,412
					141,583
					270,731
					955,129
					396,627
					1,022,835
					2,321,113
					585,872
					<u>64,120,965</u>
					(9,995,117)
					209,143,596
					<u>\$199,148,479</u>

See accompanying notes to the basic financial statements.

FUND BALANCE SHEETS - GOVERNMENTAL FUNDS
DECEMBER 31, 2017

	General Fund	Major Special		
		Street Maintenance	Parks, Recreation & Cultural Arts	Fraze Pavilion
ASSETS				
Pooled cash and investments	\$39,151,774	\$527,906	\$422,917	\$1,995,369
Receivables:				
Income taxes (net of allowance for \$1,422,641)	10,342,200			
Property taxes	5,990,173			
Payments in lieu of taxes				
Interest	565,367			
Accounts	52,419	661	57,693	1,569
Special assessments	400,000			
Loans (net of allowance for \$215,295)	7,575,479			
Due from Other Special Revenue fund	15,900			
Due from other governments	819,842	1,063,724		
Prepaid expenditures	425,358	41,683	77,284	24,325
Inventory		96,567		
Assets held for resale	1,699,737			
Total assets	<u>\$67,038,249</u>	<u>\$1,730,541</u>	<u>\$557,894</u>	<u>\$2,021,263</u>
LIABILITIES				
Accounts payable	\$1,928,537	\$101,254	\$192,181	\$38,285
Due to General fund				
Accrued payroll	992,742	105,158	141,401	11,759
Unearned revenue	1,275,577		72,841	236,377
Total liabilities	<u>4,196,856</u>	<u>206,412</u>	<u>406,423</u>	<u>286,421</u>
DEFERRED INFLOWS OF RESOURCES				
Income taxes	6,585,686			
Property taxes	6,390,173			
Grants, other taxes and payments in lieu of taxes	3,686,531	883,000		
Total deferred inflows of resources	<u>16,662,390</u>	<u>883,000</u>		
FUND BALANCES				
Nonspendable: Inventory, prepaids and loans	6,685,095	138,250	77,284	24,325
Restricted for:				
Debt service				
Social services				
Public safety				
Road construction / Public works				
Leisure services				
Municipal court activities				
Committed to:				
Social services	102,837			
Public safety	478,359			
Road construction / Public works	144,597	502,879		
Leisure services			74,187	1,710,517
Economic development	1,017,481			
Other purposes	254,374			
Assigned for future appropriations	5,689,530			
Unassigned:	31,806,730			
Total fund balances	<u>46,179,003</u>	<u>641,129</u>	<u>151,471</u>	<u>1,734,842</u>
Total liabilities, deferred inflows & fund balances	<u>\$67,038,249</u>	<u>\$1,730,541</u>	<u>\$557,894</u>	<u>\$2,021,263</u>

See accompanying notes to the basic financial statements.

Revenue Funds					
Community Development	Emergency Medical	Debt Service	Capital Projects	Other Special Revenue Governmental Funds	Total Governmental Funds
\$271,889	\$4,573	\$939,325	\$38,400,798	\$3,398,923	\$85,113,474
		744,000		305,000	10,342,200
			367,000		7,039,173
					367,000
	51,607	154,822		7,967	565,367
			615,000		326,738
876,470					1,015,000
					8,451,949
					15,900
211,513		56,000	24,727	195,790	2,371,596
400				2,099	571,149
					96,567
					1,699,737
<u>\$1,360,272</u>	<u>\$56,180</u>	<u>\$1,894,147</u>	<u>\$39,407,525</u>	<u>\$3,909,779</u>	<u>\$117,975,850</u>
\$56,620	\$2,157	\$6,471	\$2,473,553	\$84,888	\$4,883,946
				15,900	15,900
				177,686	1,428,746
					1,584,795
<u>56,620</u>	<u>2,157</u>	<u>6,471</u>	<u>2,473,553</u>	<u>278,474</u>	<u>7,913,387</u>
					6,585,686
		744,000	615,000	305,000	8,054,173
206,012	21,000	119,000	391,727	121,782	5,429,052
<u>206,012</u>	<u>21,000</u>	<u>863,000</u>	<u>1,006,727</u>	<u>426,782</u>	<u>20,068,911</u>
					6,924,954
		1,024,676			1,024,676
1,097,640					1,097,640
				355,053	355,053
				67,630	67,630
				29,057	29,057
				1,872,578	1,872,578
				7,081	109,918
	33,023		4,736,207	13,020	5,260,609
			586,328		1,233,804
			831,187	828,792	3,444,683
					1,017,481
			29,773,523	31,312	30,059,209
					5,689,530
					31,806,730
<u>1,097,640</u>	<u>33,023</u>	<u>1,024,676</u>	<u>35,927,245</u>	<u>3,204,523</u>	<u>89,993,552</u>
<u>\$1,360,272</u>	<u>\$56,180</u>	<u>\$1,894,147</u>	<u>\$39,407,525</u>	<u>\$3,909,779</u>	

Amounts reported for governmental activities in the Statement of Net Position (page 12) are different because:

Capital assets used in governmental activities are not financial resources and therefore are not reported in the funds.	178,798,742
Other noncurrent assets are not available to pay for current-period expenditures and therefore are deferred in the funds:	
Income taxes receivable	6,585,688
Grants and other taxes receivable	2,046,575
Internal service funds are used by management to charge the costs of certain activities. The assets and liabilities of the internal service funds are included in governmental activities in the Statement of Net Position.	4,189,018
The following noncurrent liabilities are not due and payable in the current period and therefore are not reported in the funds:	
Bonds and notes payable	(24,793,260)
Pensions	(53,096,510)
Vacation and sick leave benefits	(4,507,336)
Accrued interest on bonds payable	(67,990)
Net Position of Governmental Activities	<u>\$199,148,479</u>

STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCES -
GOVERNMENTAL FUNDS - FOR THE YEAR ENDED DECEMBER 31, 2017

	General Fund	Major		Special
		Street Maintenance	Parks, Recreation & Cultural Arts	Fraze Pavilion
REVENUES				
Income taxes	\$48,734,275			
Property taxes	5,362,458			
Payments in lieu of taxes				
Licenses and permits	588,229	\$17,360		
Intergovernmental revenue	1,742,086	2,529,390	\$23,507	
Charges for services	194,608		3,454,939	\$3,473,487
Fines and forfeits	1,241,622			
Investment earnings	602,751			
Special assessments	413,710			
Refunds and reimbursements	2,107,331	210,508	69,117	7,504
Miscellaneous	48,673	6,480	40,295	488,537
Total revenues	<u>61,035,743</u>	<u>2,763,738</u>	<u>3,587,858</u>	<u>3,969,528</u>
EXPENDITURES				
Current:				
General government	13,380,028			
Police	14,566,930			
Fire	14,280,358			
Public works	2,839,322	6,587,590		
Leisure services			10,159,380	4,397,095
Capital improvements				
Debt service:				
Principal				
Interest				
Total expenditures	<u>45,066,638</u>	<u>6,587,590</u>	<u>10,159,380</u>	<u>4,397,095</u>
Excess (deficiency) of revenues over expenditures	15,969,105	(3,823,852)	(6,571,522)	(427,567)
OTHER FINANCING SOURCES (USES)				
Transfers in		3,269,000	6,538,000	
Transfers out	(15,869,382)			
Sale of city assets	67,477	142,584	15,903	859
Net change in fund balance	167,200	(412,268)	(17,619)	(426,708)
Fund balances--beginning	46,011,803	1,053,397	169,090	2,161,550
Fund balances--ending	<u>\$46,179,003</u>	<u>\$641,129</u>	<u>\$151,471</u>	<u>\$1,734,842</u>

See accompanying notes to the basic financial statements.

 Revenue Funds

Community Development	Emergency Medical	Debt Service	Capital Projects	Other Special Revenue Governmental Funds	Total Governmental Funds
					\$48,734,275
		\$744,124		\$282,579	6,389,161
			\$396,627		396,627
					605,589
\$372,290		111,934	3,009,335	584,416	8,372,958
	\$363,404	1,090,213		61,665	8,638,316
				530,177	1,771,799
1,429	7,303	25,739	363,975	21,639	1,022,836
			806,550		1,220,260
12,869	1,244	44,044	527,267	17,126	2,997,010
3,422			30,000	109,539	726,946
<u>390,010</u>	<u>371,951</u>	<u>2,016,054</u>	<u>5,133,754</u>	<u>1,607,141</u>	<u>80,875,777</u>
660,840		53,267		772,640	14,866,775
				1,833,589	16,400,519
	17,755			3,125	14,301,238
				132,853	9,559,765
				19,734	14,576,209
132,005			16,189,575	11,300	16,332,880
		1,587,541			1,587,541
		834,945			834,945
<u>792,845</u>	<u>17,755</u>	<u>2,475,753</u>	<u>16,189,575</u>	<u>2,773,241</u>	<u>88,459,872</u>
(402,835)	354,196	(459,699)	(11,055,821)	(1,166,100)	(7,584,095)
		400,000	5,503,210	1,449,172	17,159,382
	(1,290,000)				(17,159,382)
366,647			192,584	2,364	788,418
(36,188)	(935,804)	(59,699)	(5,360,027)	285,436	(6,795,677)
1,133,828	968,827	1,084,375	41,287,272	2,919,087	96,789,229
<u>\$1,097,640</u>	<u>\$33,023</u>	<u>\$1,024,676</u>	<u>\$35,927,245</u>	<u>\$3,204,523</u>	<u>\$89,993,552</u>

Net change in Fund Balance - Governmental Funds

					(\$6,795,677)
Amounts reported for governmental activities in the Statement of Activities (page 13) are different because:					
Governmental funds report capital outlays as expenditures while governmental activities				Capital outlays	13,397,772
report depreciation expense to allocate those expenditures over the life of the assets.				Depreciation expense	(10,401,005)
In the Statement of Activities, only the gain on the sale of city assets is reported, while in the governmental funds, the proceeds from the sale increase financial resources. The change in net position differ from the change in fund balance by the book value of the asset sold.					(513,857)
Revenues in the Statement of Activities that do not provide current financial resources are not reported as revenues in the funds.					
				Income taxes receivable	1,987
				Grants receivable	(135,430)
				Contribution of fixed asset	(30,000)
Repayment of bond principal is an expenditure in the governmental funds, but the repayment reduces noncurrent liabilities in the Statement of Net Position.					1,587,542
Some expenses reported in the Statement of Activities do not require the use of current financial resources and therefore are not reported as expenditures in governmental funds.					
				Vacation and sick leave benefits	(125,752)
				Interest payable	35,206
				Pensions	(8,133,226)
Internal service funds are used by management to charge the costs of certain activities, to individual funds. The net revenue (expense) of the internal service funds is reported with governmental activities. (See page 19)					1,117,323
Change in Net Position on the Statement of Activities					<u>(\$9,995,117)</u>

STATEMENT OF NET POSITION
 PROPRIETARY FUNDS
 DECEMBER 31, 2017

	Governmental Activities- Internal Service Funds
ASSETS	
Current Assets:	
Pooled cash and investments	\$6,625,800
Accounts receivable	52,963
Prepaid expenses	41,618
Inventory	288,897
Total current assets	<u>7,009,278</u>
Noncurrent Assets:	
Capital assets:	
Buildings and improvements	757,936
Machinery and equipment	2,485,177
Less: Accumulated depreciation	<u>(2,372,471)</u>
Total noncurrent assets	<u>870,642</u>
Total assets	<u>7,879,920</u>
DEFERRED OUTFLOWS OF RESOURCES	
Pensions	<u>1,627,047</u>
Total deferred outflows	<u>1,627,047</u>
LIABILITIES	
Current Liabilities:	
Accounts payable	133,183
Accrued payroll	92,400
Accrued health claims	448,019
Total current liabilities	<u>673,602</u>
Noncurrent liabilities:	
Accrued vacation and sick benefits due within one year	260,929
Accrued vacation and sick benefits due within more than one year	181,323
Net pension liability	4,156,996
Total noncurrent liabilities	<u>4,599,248</u>
Total liabilities	<u>5,272,850</u>
DEFERRED INFLOWS OF RESOURCES	
Pensions	<u>45,099</u>
Total deferred inflows	<u>45,099</u>
NET POSITION	
Net investment in capital assets	870,642
Unrestricted	3,318,376
Total net position	<u>\$4,189,018</u>

See accompanying notes to the basic financial statements.

STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION
 PROPRIETARY FUNDS
 FOR THE YEAR ENDED DECEMBER 31, 2017

	Governmental Activities- Internal Service Funds
OPERATING REVENUES	
Charges for services	<u>\$13,893,019</u>
Total operating revenues	<u>13,893,019</u>
OPERATING EXPENSES	
Personal services	4,114,891
Repairs and maintenance	1,218,050
Contractual services	6,617,031
Other materials and expenses	588,744
Depreciation	<u>284,459</u>
Total operating expenses	<u>12,823,175</u>
Operating income (loss)	<u>1,069,844</u>
NONOPERATING REVENUES (EXPENSES)	
Investment earnings	<u>47,479</u>
Change in net position	<u>1,117,323</u>
Total net position--beginning	<u>3,071,695</u>
Total net position--ending	<u><u>\$4,189,018</u></u>

See accompanying notes to the basic financial statements.

**STATEMENT OF CASH FLOWS
 PROPRIETARY FUNDS
 FOR THE YEAR ENDED DECEMBER 31, 2017
 Increase (Decrease) in cash**

	Governmental Activities- Internal Service Funds
CASH FLOWS FROM OPERATING ACTIVITIES	
Cash received for services	\$13,844,973
Cash paid to suppliers for goods or services	(7,923,283)
Cash paid to employees for services	(4,108,944)
Net cash provided (used) by operating activities	<u>1,812,746</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES	
Acquisition of capital assets	(148,881)
Sale of capital assets	7,926
Net cash used by capital and related financing activities	<u>(140,955)</u>
CASH FLOWS FROM INVESTING ACTIVITIES	
Investment earnings	47,479
Net cash provided by investing activities	<u>47,479</u>
Net increase (decrease) in cash	1,719,270
Cash at beginning of year	4,906,530
Cash at end of year	<u><u>\$6,625,800</u></u>
RECONCILIATION OF OPERATING INCOME (LOSS) TO NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES	
Operating income (loss)	\$1,069,844
Adjustments to reconcile operating income (loss) to net cash provided (used) by operating activities:	
Depreciation	284,459
Increase (decrease) in net pension liability	652,803
(Increase) decrease in deferred outflows - pension	(173,142)
Increase (decrease) in deferred inflows - pension	(41,251)
(Increase) decrease in receivables	(48,664)
(Increase) decrease in inventories	69,577
Increase (decrease) in accounts payable	1,889
Increase (decrease) in accrued health claims	(7,033)
Net (increase) decrease in other operating net position	4,264
Net cash provided (used) by operating activities	<u><u>\$1,812,746</u></u>

See accompanying notes to the basic financial statements.

FIDUCIARY FUNDS

STATEMENT OF FIDUCIARY NET POSITION
DECEMBER 31, 2017

	Volunteer Firefighter Pension	Deceased Police Dependents Private Purpose Trust	Agency Funds
ASSETS			
Pooled cash and investments		\$94,936	\$637,107
Investments with fiscal agent, at fair value:			
Unallocated insurance contracts	\$2,066,514		
Other investments			242,602
Total assets	<u>2,066,514</u>	<u>94,936</u>	<u>\$879,709</u>
LIABILITIES			
Accounts payable			\$8,701
Withholdings payable			611,760
Undistributed moneys			242,602
Unclaimed moneys			16,646
Total liabilities			<u>\$879,709</u>
NET POSITION			
Restricted for pension benefits and other purposes	<u>\$2,066,514</u>	<u>\$94,936</u>	

STATEMENT OF CHANGES IN FIDUCIARY NET POSITION
FOR THE YEAR ENDED DECEMBER 31, 2017

ADDITIONS			
Employer contributions	\$44,147		
Investment earnings (loss)	72,168	\$929	
Total additions	<u>116,315</u>	<u>929</u>	
DEDUCTIONS			
Pension payments	136,307		
Total deductions	<u>136,307</u>		
Net increase (decrease)	(19,992)	929	
Net position--beginning of year	<u>2,086,506</u>	<u>94,007</u>	
Net position--end of year	<u>\$2,066,514</u>	<u>\$94,936</u>	

See accompanying notes to the basic financial statements.

**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2017**

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A. Reporting Entity

The City of Kettering, Ohio, (the “City”) is a home rule municipal corporation under the laws of the State of Ohio and operates under its own Charter. The current Charter, which provides for a Council/Manager form of government, was adopted in 1955 and has subsequently been amended.

The City provides various services including police and fire protection, parks, recreation, street maintenance, planning, zoning and other general government services. The City does not maintain any utility or other operations that would require the establishment of enterprise funds.

The financial reporting entity consists of (a) the primary government, (b) organizations for which the primary government is financially accountable, and (c) governmental organizations for which the primary government is not financially accountable, but for which the nature and significance of their financial relationship with the primary government are such that exclusion would cause the reporting entity’s financial statements to be misleading or incomplete. Component units are legally separate organizations for which the elected officials of the primary government are financially accountable. In addition, component units can be governmental organizations for which the primary government is not financially accountable, but for which the nature and significance of their financial relationship with the primary government are such that exclusion would cause the reporting entity’s financial statements to be misleading or incomplete. No separate government units meet the criteria for inclusion as a component unit.

B. Basis of Presentation

Government-Wide Statements: The statement of net position and the statement of activities display information about the primary government, except for its fiduciary activities. Eliminations have been made to minimize the double counting of internal activities. Governmental activities generally are financed through taxes, intergovernmental revenues and other nonexchange transactions. The City has no business-type activities.

The statement of activities presents a comparison between direct expenses and program revenues for each function of the City’s governmental activities. Direct expenses are those that are specifically associated with a program or a function and, therefore, are clearly identifiable to a particular function. Program revenues include (a) charges paid by recipients of goods or services offered by the programs and (b) grants and contributions that are restricted to meeting the operational or capital requirements of a particular program. Revenues that are not classified as program revenues, including all taxes, are presented as general revenues.

Fund Financial Statements: The fund financial statements provide information about the City’s funds, including fiduciary. Separate statements for each fund category – governmental, proprietary and fiduciary – are presented. The emphasis of fund financial statements is on major governmental funds, each displayed in a separate column. All remaining governmental funds are aggregated and reported as nonmajor funds.

The City reports the following major governmental funds:

General Fund – This fund is the general operating fund of the City. It should be used to account for and report all financial resources not accounted for and reported in another fund.

Street Maintenance Fund – This fund accounts for the portion of gasoline tax and motor vehicle license fees restricted, committed, or assigned for maintenance of streets.

Parks, Recreation & Cultural Arts Fund – This fund accounts for money restricted, committed, or assigned for the Parks, Recreation & Cultural Arts department programs and activities.

Fraze Pavilion Fund – This fund accounts for moneys restricted, committed, or assigned for the Fraze Pavilion amphitheater operations.

Community Development Fund - This fund accounts for grants received from the Department of Housing and Urban Development (HUD). Grants are restricted for various purposes designated by HUD.

Emergency Medical Fund – This fund accounts for revenues received for emergency medical services. The revenues are committed or assigned for expenditure on fire equipment or structures.

Debt Service Fund – This fund is used to account for and report financial resources that are restricted, committed, or assigned to expenditure for principal and interest.

Capital Projects Fund – This fund is used to account for and report financial resources that are restricted, committed, or assigned to expenditure for capital outlays, including the acquisition or construction of capital facilities and other capital assets (other than those financed by proprietary funds).

Additionally, the City reports the following fund types:

Internal Service Funds – The internal service funds are used to account for the financing of goods or services provided by one department or agency to other departments or agencies of the City, or to other governments on a cost-reimbursement basis. These goods and services include computer services, vehicle maintenance, office supplies, postage, printing services, building maintenance and health insurance. The City has no unbilled service receivables at year end.

Pension Trust Fund – The fund reports a trust arrangement under which assets are accumulated in order to pay retirement benefits to the City’s volunteer firefighters.

Private Purpose Trust Fund – This fund reports a trust arrangement under which principal and income are used for the education of dependents of deceased police officers.

Agency Funds – These funds account for assets held by the City as an agent for: 1) various local governments collected by the municipal court, 2) payroll withholdings and 3) unclaimed moneys and other miscellaneous activities.

C. Basis of Accounting

Basis of accounting refers to when revenues and expenditures or expenses are recognized in the accounts and reported in the financial statements. Basis of accounting relates to the timing of the measurements made, regardless of the measurement focus applied.

Government-wide, proprietary and fiduciary fund financial statements measure and report all assets (both financial and capital), liabilities, revenues, expenses, gains and losses using the economic resources measurement focus and accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Property taxes are recognized as revenues in the year for which they are levied. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met. Agency funds do not involve the measurement of results of operations and therefore have no measurement focus.

All governmental funds are accounted for using a current financial resources measurement focus and are reported on a modified accrual basis of accounting. Revenues are recognized in the accounting period in which they become measurable and available. “Measurable” means the amount of the transaction can be determined and “available” means collectible within the current period or soon enough thereafter to be used to pay liabilities of the current period, which, for the City’s purposes, is considered to be 30 days after year end. Revenues considered susceptible to accrual are community development block grants, delinquent property taxes, income taxes, and interest on investments. Property taxes levied before year-end are not recognized as revenue until the next calendar year. The fiscal period for which property taxes are levied at year-end in the State of Ohio is the succeeding calendar year.

Expenditures are recognized in the accounting period in which the fund liability is incurred, if measurable, except for interest on unmatured general long-term debt, and on special assessment indebtedness collateralized by special assessment levies, which are recognized when due. Inventory and prepaid expenditures are recorded in the governmental fund types and charged as expenditures when used. A portion of the fund balance is classified as nonspendable in governmental funds for the amount of inventory and prepaid expenditures. When both restricted and unrestricted resources are available for use, it is the government’s policy to use restricted resources first, then unrestricted resources as they are needed. When an expenditure is incurred for purposes for which amounts in any unrestricted fund balance classification could be used it is the government’s policy to use assigned resources first, committed resources second, and then unassigned amounts as they are needed.

D. Pooled Cash and Investments and Investment with Fiscal Agent

All investments are stated at fair value, which are based on quoted market prices.

E. Inventory

Inventory is valued at cost (specific identification method in the internal service funds and FIFO (first-in, first-out) method in the special revenue funds.) Inventories are recorded as expenses/expenditures when used.

F. Capital Assets

Capital assets include land, improvements to land, buildings, building improvements, machinery, equipment, infrastructure and all other assets that are used in operations and that have initial useful lives expending beyond a single reporting period. Infrastructure is defined as long-lived capital assets that normally are stationary in nature and normally can be preserved for a significantly greater number of years than most capital assets. Examples of infrastructure include roads, bridges and drainage systems.

All capital assets are valued at historical cost, or estimated historical cost if actual historical cost is not available. Donated capital assets are valued at their acquisition value.

When capital assets are purchased, they are capitalized and depreciated in the government-wide statements and the proprietary fund statements. The City capitalizes all assets with a cost of \$10,000 or greater (\$5,000 or greater for federal funded assets) and a useful life of at least two years. The City has capitalized all infrastructure acquired after January 1, 1980. Capital assets are recorded as expenditures of the current period in the government fund financial statements.

Depreciation is calculated using the straight-line method over the estimated useful lives of the assets. Estimated useful lives of the various classes of depreciable capital assets are as follows:

Machinery and Equipment	3-20 years
Buildings and Improvements	15-30 years
Infrastructure	20-40 years

G. Interfund Transactions and Transfers

During the course of normal operations, the City has numerous transactions among funds, most of which are in the form of transfers used to move unrestricted revenues collected in the general fund to finance various programs accounted for in other funds in accordance with budgetary authorizations. The accompanying financial statements generally reflect such transactions as transfers, with the exception of the internal service funds which are used to account for various supplies and services which are then charged back to the appropriate fund on an “as used” basis. The internal service funds record such charges as operating revenues; all other City funds record payments to the internal service funds as operating expenditures.

H. Fund Balance Classifications

Fund balance is reported as restricted when constraints placed on the use of resources are either: a. externally imposed by creditors, grantors, contributors, or laws or regulations of other governments; or b. imposed by law through constitutional provisions or enabling legislation.

Fund balance is reported as committed when the City Council enacts legislation requiring specific revenues to be used for a specific purpose. The City Council can modify or rescind that legislation at any time through additional legislation.

Fund balance is reported as assigned when a revenue source is not previously restricted or committed but the Finance Director determines, in the Director’s professional opinion, that the assigning of the revenue is the desire or direction of City Council. This authority is given to the Finance Director through ordinance passed by City Council.

I. Grants and Other Intergovernmental Revenues

All reimbursement-type grants are recorded as intergovernmental receivables and revenues or deferred inflows of resources when the related expenditures are incurred.

J. Pensions

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

K. Use of Estimates

The preparation of the basic financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the basic financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

2. POOLED CASH AND INVESTMENTS

The City maintains a cash and investments pool that is available for use by all funds, except the pension trust fund. Each fund type’s portion of this pool is displayed on the Fund Balance Sheets as “Pooled cash and investments.” The deposits and investments of the pension trust fund are held separately from those of other City funds and displayed as “Unallocated insurance contracts.”

Cash and cash equivalents in the internal service funds consist of cash and money market funds, which can be withdrawn without prior notice or penalty.

Deposits: At year-end, the City's bank balance was \$6,673,096. Of this amount, \$3,344,021 was insured; the remaining \$3,329,075 was collateralized with securities held by the pledging financial institution's trust department or agent, but not in the City's name per Ohio Revised Code Section 135.181. This statute requires all financial institutions acting as public depositories to pledge a pool of collateral with a market value of at least 105% of the total amount of public deposits secured. The City has no deposit policy for custodial credit risk.

Investments: All investments are reported at fair value, which is based on quoted market prices. The City's investment policy authorizes investments in obligations of the U.S. Treasury, agencies, and instrumentalities, commercial paper rated, when purchased, A-1 by Standard & Poors Corporation or P-1 by Moody's Commercial Paper Record, corporate bonds rated, when purchased, A or better by Standard & Poors Corporation or Moody's Bond Rating, bankers acceptances issued by banks ranked nationally as being in the top 50 in asset and deposit size, repurchase and reverse repurchase agreements, money market mutual funds whose portfolio consists of authorized investments, and the state treasurer's investment pool (STAR Ohio). The policy states that no more than 20% of the City's investment portfolio will be placed with any particular issuer, and unless matched to a specific cash flow requirement, the City will not invest in securities maturing more than five years from the date of purchase. It has been the City's practice to invest in securities maturing no more than three years from the date of purchase, and to hold all investments until maturity. The City has no investment policy for custodial credit risk.

The City's investments in corporate bonds, listed below, are uninsured and unregistered investments for which the securities are held by the counterparty, or by its trust department or agent, but not in the City's name. At year-end, \$2,176,397 of the securities in the corporate bond category below are rated "BAA1", the remaining \$73,751,281 are rated "A" or better. STAR Ohio is not registered with the SEC as an investment company, but does operate in a manner consistent with Rule 2a7 of the Investment Company Act of 1940. Investments in Star Ohio are valued at Star Ohio's share price which is the price the investment could be sold for on December 31, 2017. STAR Ohio carries a rating of AAAM. All other investment types listed are unrated.

As of December 31, 2017 the City had the following investments and maturities.

<u>Investment Type</u>	<u>Fair Value</u>	<u>Investment Maturities (in Years)</u>			
		<u>Less than 1</u>	<u>1-3</u>	<u>3-6</u>	<u>6-7</u>
Corporate Bonds	\$75,927,678	\$55,018,718	\$20,908,960		
STAR Ohio	10,789,838	10,789,838			
Pension Plan Pooled Invest Fund	2,066,514				\$2,066,514
Total	<u>\$88,784,030</u>	<u>\$65,808,556</u>	<u>\$20,908,960</u>		<u>\$2,066,514</u>

The City categorizes its fair value measurements within 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 City has the following recurring fair value measurements as of December 31, 2017:

- Corporate bonds of \$75,927,678 are valued using a matrix pricing model (Level 2 inputs)
- Pooled investment funds (STAR Ohio) of \$10,789,838 and unallocated insurance contracts funds (Volunteer Firefighter Pension) of \$2,066,514 measured at net asset value (NAV).

3. INCOME TAXES

The City levies a 2.25% income tax on substantially all income earned within the City. Additional increases in the income tax rate require voter approval. City residents pay City income tax on income earned outside the City, however; a credit is allowed for income taxes paid to other municipalities.

Employers within the City withhold income tax on employee compensation and remit at least quarterly. Corporations and other individual taxpayers pay estimated taxes quarterly and file an annual declaration.

4. PROPERTY TAXES

Property taxes include amounts levied against all real and public utility property located in the City. Property taxes are levied each December 31 on the assessed value listed as of the prior December 31. Assessed values are established for real property at 35% of true value. Property market values are required to be updated every three years and revalued every six years. A revaluation was completed in 2014.

The property tax calendar is as follows:

Levy date	December 31, 2016
Lien date	December 31, 2016
Tax bill mailed	January 20, 2017
First installment payment due	February 15, 2017
Second installment payment due	July 15, 2017

The assessed values for the City at December 31, 2016 were as follows:

	Assessed Value
	Category
Real Estate	\$1,039,729,020
Public Utility Real Property	14,610
Public Utility Personal Property	24,055,910
Total	<u>\$1,063,799,540</u>

The County Treasurer collects property taxes on behalf of all taxing districts including the City of Kettering. The County periodically remits to the City its portion of taxes collected. Property taxes may be paid on either an annual or semiannual basis.

5. LOANS RECEIVABLE AND NOTES RECEIVABLE

The City used a portion of the Federal Community Development Block Grant (CDBG) to provide low interest loans for housing rehabilitation, as well as for economic and job development. The loans are payable in installments to 2043. Fund balance has been classified as restricted for the loans receivable at December 31, 2017. CDBG regulations require the City to reinvest loan repayments in permissible CDBG loans or expenditures. The City made several loans from the General Fund for economic development purposes. Fund balance has been classified as nonspendable for the loans receivable at December 31, 2017.

6. INTERFUND TRANSFERS

All transfers for 2017 were out of the General Fund and into all other funds listed on the Statement of Revenues, Expenditures, and Changes in Fund Balances except for the \$1,290,000 transferred out of the Emergency Medical Fund. This amount was transferred into the Capital Projects fund to build new fire stations in accordance with the committed purpose for the funds, which is to be used for capital and operating fire expenditures.

7. CAPITAL ASSETS

Capital asset activity for the year ended December 31, 2017, was as follows:

	<u>Beginning Balance</u>	<u>Increases</u>	<u>Decreases</u>	<u>Ending Balance</u>
Capital assets not being depreciated:				
Land	\$12,567,719	\$158,080	(\$434,432)	\$12,291,367
Right of Way	660,093	\$34,835		694,928
Subtotal	<u>13,227,812</u>	<u>192,915</u>	<u>(434,432)</u>	<u>12,986,295</u>
Capital assets being depreciated:				
Buildings and improvements	72,950,582	4,447,788	(354,561)	77,043,809
Machinery and equipment	20,467,611	1,694,087	(1,213,832)	20,947,866
Infrastructure	214,625,056	7,245,633	(4,023,632)	217,847,057
Subtotal	<u>308,043,249</u>	<u>13,387,508</u>	<u>(5,592,025)</u>	<u>315,838,732</u>
Accumulated depreciation:				
Buildings and improvements	(37,902,923)	(2,222,486)	353,943	(39,771,466)
Machinery and equipment	(12,393,730)	(1,560,365)	1,092,712	(12,861,383)
Infrastructure	(93,643,813)	(6,902,612)	4,023,631	(96,522,794)
Subtotal	<u>(143,940,466)</u>	<u>(10,685,463)*</u>	<u>5,470,286</u>	<u>(149,155,643)</u>
Net capital assets being depreciated	<u>164,102,783</u>	<u>2,702,045</u>	<u>(121,739)</u>	<u>166,683,089</u>
Net capital assets	<u>\$177,330,595</u>	<u>\$2,894,960</u>	<u>(\$556,171)</u>	<u>\$179,669,384</u>

*Depreciation expense was charged to governmental functions as follows:

General government	\$648,181
Police	304,468
Fire	952,839
Public works	6,775,497
Leisure services	1,720,019
In addition, depreciation on capital assets held by the City's internal service funds is charged to the various functions based on their usage of the assets.	<u>284,459</u>
Total depreciation expense	<u>\$10,685,463</u>

8. RISK MANAGEMENT

The City is a member of a public entity risk pool, Miami Valley Risk Management Association, Inc. (MVRMA) with nineteen other local cities. This pool covers all property, crime, liability, boiler and machinery, and public official liability up to the limits stated below.

Insurance coverage is as follows:

Property – \$1,000,000,000 per occurrence

Crime - \$2,000,000 per occurrence

Liability - \$12,000,000 per occurrence
Boiler & Machinery - \$100,000,000 per occurrence
Public Official Liability - \$12,000,000 per occurrence

The deductible per occurrence for all types is \$2,500. Pool coverage is \$2,501 - \$350,000 for boiler and machinery, \$2,501 - \$500,000 for crime, \$2,501 - \$250,000 for property, and \$2,501 - \$500,000 for liability. Excess insurance coverage, provided by commercial companies, is the amount in excess of pool coverage to the limits stated above. The City pays an annual premium to MVRMA that is intended to cover administrative expenses and any claims covered by the pool. MVRMA has the ability to require the member cities to make supplemental payments in the event reserves are not adequate to cover claims. An actuarial opinion issued as of December 31, 2017, indicates reserves in excess of anticipated claims.

Workers' compensation is administered by the State of Ohio. The City pays a premium per employee to the State for this coverage.

There were no significant reductions in the above insurance coverages from the prior year in any category of risk. Insurance coverage for each of the past three years was sufficient to cover any claims settlements.

Employee health insurance is provided through a self-insured plan and is accounted for and financed through an internal service fund. The City has purchased commercial stop-loss insurance for individual claims over \$150,000 and annual aggregate claims in excess of 120% of the expected total claims for the year. The health insurance claim liability of \$448,019 recorded at year-end was calculated by the City's health care broker based on the City's claims experience over the past twelve months.

	Beginning of Year Liability	Current Year Claims & Changes in Estimate	Claim Payments	Balance at Year-End
2016	\$572,390	\$5,492,437	\$5,609,775	\$455,052
2017	455,052	5,894,938	5,901,971	448,019

9. PENSION PLAN OBLIGATIONS

Substantially all City employees are covered by one of two pension plans Ohio Police and Fire Pension Fund (OPF) or Ohio Public Employees Retirement System (OPERS).

The net pension liability reported on the statement of net position represents a liability to employees for pensions. Pensions 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 obligation to sacrifice resources for pensions is a present obligation because it was created as a result of employment exchanges that already have occurred.

The net pension liability represents the City's proportionate share of each pension plan's collective actuarial present value of projected benefit payments attributable to past periods of service, net of each pension plan's fiduciary net position. The net pension 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 are financed; however, the City does receive the benefit of employees' services in exchange for compensation including pension.

GASB 68 assumes the liability is solely the obligation of the employer, because (1) they benefit from employee services; and (2) State statute requires all funding to come from these employers. All contributions to date have come solely from these employers (which also includes costs paid in the form of withholdings from employees). State statute requires the pension plans to amortize unfunded liabilities within 30 years. If the amortization period exceeds 30 years, each pension plan's board must propose corrective action to the State legislature. Any resulting legislative change to benefits or funding could significantly affect the net pension liability. Resulting adjustments to the net pension liability would be effective when the changes are legally enforceable.

OHIO POLICE AND FIRE PENSION FUND (OPF)

OPF is a cost-sharing multiple-employer defined benefit pension plan, which provides retirement and disability benefits, annual cost of living adjustments, and death benefits to plan members and beneficiaries. Authority to establish and amend benefits is provided by state statute per Chapter 742 of the Ohio Revised Code. OPF issues a publicly available financial report that includes financial information, required supplementary information and detailed information about OPF's fiduciary net position. Interested parties may obtain a copy by making a written request to 140 East Town Street, Columbus, Ohio 43215-5164 or by visiting their website at www.op-f.org.

Plan Description and Plan Benefits:

City full-time police and firefighters upon attaining a qualifying age with sufficient years of service may retire and receive a lifetime monthly pension. OPF 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 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.

Under normal service retirement, retired members who are at least 55 years old and have been receiving OPF 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 and statutory survivors.

Members retiring under normal service retirement, with less than 15 years of service credit on July 1, 2013, will receive a COLA equal to either three percent or the percent increase, if any, in the consumer price index (CPI) over the 12-month period ending on September 30 of the immediately preceding year, whichever is less. The COLA amount for members with at least 15 years of service credit as of July 1, 2013 is equal to three percent of their base pension or disability benefit.

The Ohio Revised Code provides statutory authority for employee and employer contributions. During 2017, plan members were required to contribute 12.25% of their annual covered payroll. During 2017, the City was required to contribute 19.5% and 24% respectively of annual covered payroll for police officers and firefighters. The City's contractually required contribution to OPF was \$3,349,738 for 2017.

Pension Liabilities, Pension Expense, Deferred Outflows of Resources and Deferred Inflows of Resources:

OPF's total pension liability was measured as of December 31, 2016, and was determined by rolling forward the total pension liability as of January 1, 2016, to December 31, 2016. The City's proportion of the net pension liability was based on the City's share of contributions to the pension plan relative to the contributions of all participating entities. The City reported a net pension liability of \$43,505,973 as its proportionate share. The City's proportion share was 0.686875%, consisting of 0.344294% for firefighters and 0.342581% for police officers. The City recognized \$6,705,960 in pension expense.

The following amounts are reported as deferred outflows and inflows of resources at December 31, 2017:

	Deferred Outflows of Resources	Deferred (Inflows) of Resources
Differences between expected & actual economic experience	\$12,308	(\$100,169)
Employer contributions subsequent to measurement date	3,349,738	
Net difference between projected & actual investment earnings	4,230,764	
Changes in proportions & proportionate share of net pension liability	2,194,677	
Total	<u>\$9,787,487</u>	<u>(\$100,169)</u>

\$3,349,738 reported as deferred outflows of resources relate to pension resulting from the City contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ending December 31, 2018. Other amounts reported as deferred outflows and deferred inflows related to pension will be recognized in pension expense as follows:

Year	OPF
2018	\$2,057,343
2019	2,057,343
2020	1,673,945
2021	163,500
2022	352,077
Thereafter	33,372
Total	<u>\$6,337,580</u>

Actuarial Assumptions:

OPF's total pension liability as of December 31, 2016 is based on the results of an actuarial valuation date of January 1, 2016, and rolled-forward using generally accepted actuarial procedures. The total pension liability is determined by OPF's actuaries in accordance with GASB Statement No. 67, as part of their annual valuation.

Key methods and assumptions used in calculating the total pension liability in the latest actuarial valuation, prepared as of January 1, 2016, are presented below:

Actuarial Cost Method	Entry Age Normal
Investment Rate of Return	8.25%
Projected Salary Increases	4.25% - 11.00%
Payroll Increases	3.75%
Inflation Assumptions	3.25%
Cost of Living Adjustments	2.60% and 3.00%

Rates of death are based on the RP2000 Combined Table, age-adjusted as follows. For active members, set back six years. For disability retirements, set forward five years for police and three years for firefighters. For service retirements, set back zero years for police and two years for firefighters. For beneficiaries, set back zero years. The rates are applied on a fully generational basis, with a base year of 2009, using mortality improvement Scale AA.

The most recent experience study of five years was completed in 2017 covering the period 2012-2016.

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 OPF's Statement of Investment Policy. A forecasted rate of inflation serves as the baseline for the return expectation. 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 real rates of return for each major asset class included in OPF's target asset allocation as of December 31, 2016 are summarized below:

Asset Class	Target Allocation	Long Term Expected Real Rate of Return
Cash and Cash Equivalents	- %	- %
Domestic Equity	16.00	5.21
Non-US Equity	16.00	5.40
Core Fixed Income *	20.00	2.37
Global Inflation Protected Securities *	20.00	2.33
High Yield	15.00	4.48
Real Estate	12.00	5.65
Private Markets	8.00	7.99
Real Assets	5.00	6.87
Master Limited Partnerships	8.00	7.36
Total	120.00 %	
Note: Assumptions are geometric		
* Levered 2x		

OPF'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 1.20 times due to the application of leverage in certain fixed income asset classes.

The discount rate used to measure the total pension liability was 8.25%. 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 8.25 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.

The following chart represents the City's proportionate share of the net pension liability at the 8.25% discount rate as well as the sensitivity to a 1% increase and 1% decrease in the current discount rate:

	1% Decrease (7.25%)	Current Discount Rate (8.25%)	1% Increase (9.25%)
City's proportionate share of the net pension liability	\$57,994,801	\$43,505,973	\$31,268,871

Changes in Benefit Terms and Assumptions

There have been no plan amendments adopted or changes in assumptions since the latest actuarial valuation, as of January 1, 2016, with actuarial liability rolled forward to December 31, 2016.

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM (OPERS)

OPERS is a cost-sharing, multiple-employer public employee retirement system comprised of three separate pension plans: the Traditional Pension Plan (TP), the Combined Plan (CP) and the Member-Directed Plan (MD). All public employees in Ohio, except those covered by one of the other state or local retirement systems in Ohio, are members of OPERS. While members may elect the CP and MD, substantially all employees are in the TP; therefore, the following disclosure focuses on the TP.

OPERS provides retirement, disability, survivor and death benefits and annual cost of living adjustments to members of the TP and CP. Members of the MD do not qualify for ancillary benefits. Authority to establish and amend benefits is provided by state statute per Chapter 145 of the Ohio Revised Code. The Public Employees Retirement System issues a stand-alone financial report that includes financial statements, required supplementary information and detailed information about OPERS' fiduciary net position. Interested parties may obtain a copy by visiting <https://www.opers.org/financial/reports.shtml>, writing to OPERS, 277 East Town Street, Columbus, Ohio 43215-4642, or by calling (800) 222-7377.

Plan Description and Plan Benefits:

The TP is a defined benefit plan in which a member's retirement benefits are calculated on a formula that considers years of service and final average salary. The pension benefits are funded by both member and employer contributions, and investment earnings on those contributions.

The CP is a defined benefit plan with elements of a defined contribution plan. Under the CP, members earn a formula benefit similar to, but at a factor less than, the TP benefit. This defined benefit is funded by employer contributions and associated investment earnings. Additionally, member contributions are deposited into a defined contribution account in which the member self-directs the investment. Upon retirement or termination, the member may choose a defined contribution retirement distribution that is equal in amount to the member's contributions to the plan and investment earnings (or losses) on those contributions. Members may also elect to use their defined contribution account balances to purchase a defined benefit annuity administered by OPERS.

The MD is a defined contribution plan in which members self-direct the investment of both member and employer contributions. The retirement distribution under this plan is equal to the sum of member and vested employer contributions, plus investment earnings (or losses) on those contributions. Employer contributions and associated investment earnings vest over a five-year period at a rate of 20% per year. Upon retirement or termination, the member may choose a defined contribution retirement distribution, or may elect to use his/her defined contribution account balances to purchase a defined benefit annuity administered by OPERS.

The Board of Trustees, pursuant to Chapter 145, has elected to maintain funds to provide health care coverage to eligible TP and CP retirees and survivors of members. Health care coverage does not vest and is not required under Chapter 145. As a result, coverage may be reduced or eliminated at the discretion of the Board.

Senate Bill (SB) 343 enacted into law new legislation with an effective date of January 7, 2013. In the legislation, members were categorized into three groups with varying provisions of the law applicable to each group. Members who were eligible to retire under law in effect prior to SB 343 or will be eligible to retire no later than five years after January 7, 2013, comprise transition Group A. Members who have 20 years of service credit prior to January 7, 2013, or will be eligible to retire no later than 10 years after January 7, 2013, are included in transition Group B. Group C includes those members who are not in either of the other groups and members who were hired on or after January 7, 2013.

Benefits in the TP are calculated on the basis of age, final average salary, and service credit. Members in transition Groups A and B are eligible for retirement benefits at age 60 with 5 years of service credit or at age 55 with 25 or more years of service credit. Members in transition Group C are eligible for retirement at age 57 with 25 years of service or at age 62 with 5 years of service. For Groups A and B, the annual benefit is based on 2.2% of final average salary multiplied by the actual years of service for the first 30 years of service credit and 2.5% for years of service in excess of 30 years. For Group C, the annual benefit applies a factor of 2.2% for the first 35 years and a factor of 2.5% for the years of service in excess of 35. The final average salary 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 an 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 benefit receive a percentage reduction in the benefit amount. The base amount of a member's pension benefit is locked in upon receipt of the initial benefit payment for calculation of annual cost-of-living adjustment.

Benefits in the CP consist of both an age and service formula benefit (defined benefit) and a defined contribution element. The defined benefit element is calculated on the basis of age, final average salary, and years of service. Eligibility regarding age and years of service in the CP is the same as the TP. The benefit formula for the defined benefit component of the plan for members in transition Groups A and B applies a factor of 1.0% to the member's final average salary for the first 30 years of service. A factor of 1.25% is applied to years of service in excess of 30. The benefit formula for transition Group C applies a factor of 1.0% to the member's final average salary for the first 35 years of service and a factor of 1.25% is applied to years in excess of 35. Persons retiring before age 65 with less than 30 years of service credit receive a percentage reduction in benefit. The defined contribution portion of the benefit is based on accumulated member contributions, plus or minus any investment gains or losses on those contributions.

MD defined contribution plan benefits are established in the plan documents, which may be amended by the Board. MD and CP members who have met the eligibility requirements may apply for retirement benefits. The amount available for defined contribution benefits in the CP was discussed above. MD 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 MD consists of the member's contributions, vested employer contributions and investment gains and losses resulting from the member's investment selections. Employer contributions and associated investment earnings vest over a five-year period, at a rate of 20% each year. At retirement, members may select one of several distribution options for payment of the vested balance of their individual OPERS accounts. Options include the purchase of a monthly annuity from OPERS (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 the entire account balance, net of taxes withheld, or a combination of these options.

Funding Policy:

The OPERS funding policy provides for periodic employee and employer contributions to all three plans at rates established by the Board, subject to limits set in statute. The rates established for member and employer contributions were approved based upon the recommendations of OPERS' external actuary. All contribution rates were within the limits authorized by the Ohio Revised Code. Member and employer contribution rates, as a percent of covered payroll, were the same for each covered group across all three plans for the year ended December 31, 2017. Plan members were required to contribute 10% of covered payroll. The City's contribution rate was 14% of covered payroll. The City's contractually required contributions to OPERS for 2017 was \$2,862,591.

Pension Liabilities, Pension Expense, Deferred Outflows of Resources and Deferred Inflows of Resources:

The net pension liability was measured as of December 31, 2016, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. The City's proportion of the net pension liability was based on the City's share of contributions to the pension plan relative to the contributions of all participating entities. The City reported a net pension liability of \$34,694,421 as its proportionate share. The City's proportion was 0.152783% for the TP. The City recognized \$8,010,211 in pension expense.

The following amounts are reported as deferred outflows and inflows of resources at December 31, 2017:

	Deferred Outflows of Resources	Deferred (Inflows) of Resources
Differences between expected & actual economic experience	\$47,026	(\$206,482)
Changes in assumptions	5,502,960	0
Employer contributions subsequent to measurement date	2,862,591	0
Net difference between projected & actual investment earnings	5,166,800	0
Changes in proportions & proportionate share of net pension liability	0	(\$169,904)
Total	<u>\$13,579,377</u>	<u>(\$376,386)</u>

\$2,862,591 reported as deferred outflows of resources relate to pension resulting from the City contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ending December 31, 2018. Other amounts reported as deferred outflows and deferred inflows related to pension will be recognized in pension expense as follows:

Year	OPERS
2018	\$4,231,012
2019	4,428,642
2020	1,832,198
2021	(151,451)
2022	0
Thereafter	0
Total	<u>\$10,340,401</u>

Actuarial Assumptions:

Total pension liability in the December 31, 2016, actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

	<u>Traditional Plan</u>
Actuarial Cost Method	Individual Entry Age
Investment rate of return	7.50%
Wage inflation	3.25%
Projected salary increases	3.25% - 10.75%
	(includes wage inflation)
Cost-of-living adjustments	Pre-1/7/13 Retirees: 3.00% simple Post-1/7/13 Retirees: 3.00% simple through 2018, then 2.15% simple

Mortality rates are based on the RP-2014 Healthy Annuitant mortality table. For males, Healthy Annuitant Mortality tables were used, adjusted for mortality improvement back to the observation period base of 2006 and then established the base year as 2015. For females, Healthy Annuitant Mortality tables were used, adjusted for mortality improvements back to the observation period base year of 2006 and then established the base year as 2010. The mortality rates used in evaluating disability allowances were based on the RP-2014 Disabled mortality tables, adjusted for mortality improvement back to the observation base year of 2006 and then established the base year as 2015 for males and 2010 for females. Mortality rates for a particular calendar year for both healthy and disabled retiree mortality tables are determined by applying the MP-2015 mortality improvement scale to the above described tables.

The long-term 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.

OPERS managed investments in four investment portfolios: the Defined Benefits portfolio, the 401(h) Health Care Trust portfolio, the 115 Health Care Trust portfolio and the Defined Contribution portfolio. The 401(h) Health Care Trust portfolio was closed as of June 30, 2016 and the net position transferred to the 115 Health Care Trust portfolio on July 1, 2016. The Defined Benefit portfolio contains the investment assets of the Traditional Pension Plan, the defined benefit component of the Combined Plan and the annuitized accounts of the Member-Directed Plan. The Defined Benefit portfolio historically included the assets of the Member-Directed retiree medical accounts funded through the VEBA Trust. However, the VEBA Trust was closed as of June 30, 2016 and the net position transferred to the 115 Health Care Trust portfolio on July 1, 2016. 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 is 8.3% for 2016.

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 table below displays the Board-approved asset allocation policy for 2016 and the long-term expected real rates of return:

Asset Class	Target Allocation	Weighted Average Long-Term Expected Real Rate of Return (Arithmetic)
Fixed Income	23.00 %	2.75 %
Domestic Equities	20.70	6.34
Real Estate	10.00	4.75
Private Equity	10.00	8.97
International Equities	18.30	7.95
Other investments	18.00	4.92
Total	100.00 %	5.66 %

The discount rate used to measure the total pension liability was 7.50% for the TP. 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 benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments for the TP was applied to all periods of projected benefit payments to determine the total pension liability.

The following chart represents the City's proportionate share of the net pension liability at the 7.50% discount rate as well as the sensitivity to a 1% increase and 1% decrease in the current discount rate:

	1% Decrease (6.50%)	Current Discount Rate (7.50%)	1% Increase (8.50%)
City's proportionate share of the net pension liability	\$53,003,478	\$34,694,421	\$19,437,053

Changes in Benefit Terms and Assumptions

There were no recent significant changes of benefit terms, investment policies, the size or composition of the population covered by the benefit terms impacting the actuarial valuation study for the year ended December 31, 2016.

In 2016, a five-year experience study was completed on the period January 1, 2011 through December 31, 2016. The Board adopted changes to both the demographic and economic assumptions as a result of the study. The most notable change in demographic assumptions is an increased life expectancy of the members and the most notable change in economic assumptions is the reduction in the actuarially assumed rate of return from 8.00% down to 7.5% for the defined benefit investments. The new assumptions are included in the 2016 actuarial valuation.

In 2016, OPERS, in conjunction with the Board's investment consultants, also completed an asset liability study. Periodically, the System engages in a more comprehensive study that examines the nature of the pension liabilities we will ultimately pay and the characteristics of the asset allocation projections and the associated level of risk. As a result of this study, OPERS modified the asset allocation slightly, but not substantively.

VOLUNTEER FIREFIGHTERS PENSION

Principal Life Insurance Company administers a single-employer, defined benefit pension plan for the Volunteer Firefighters. At the measurement date of December 31, 2016, the plan's membership consisted of the following:

Active plan members	8
Inactive plan members entitled to but not yet receiving benefits	30
Retired plan members or beneficiaries currently receiving benefits	81
Total	119

On August 1, 2010 the City implemented a soft freeze so that no new members could join the pension plan after that date. On October 1, 2010 the City implemented a hard freeze so that no additional benefits could be earned by existing members after that date. All regular members before August 1, 2010 of the Volunteer Fire Department are eligible for the plan upon completion of 3 years of continuous service before October 1, 2010. Members may retire at age 55 and receive a monthly benefit, payable for life. The monthly retirement benefit is equal to the sum of \$8.00 multiplied by the number of years of credited service before October 1, 2010 not in excess of 10 years and \$10.00 multiplied by the number of years of credited service before October 1, 2010 in excess of 10 years. Benefits vest at 15% upon 3 years of credited service before October 1, 2010 plus 5% for each additional year before October 1, 2010, up to 100%. Benefits are established by and may be amended by City Ordinance. There are no, nor have there ever been any, COLA's associated with the plan. The pension plan's board consists of all seven, elected City Council members. Contribution requirements are established or may be amended by City Ordinance. The basis for determining contributions is an actuarially determined contribution rate that is calculated each year in the plan's Actuarial Valuation report. City

Council, through the annual appropriation ordinance, then decides the actual amount they want to contribute for the year. The City's funding policy is to provide for periodic employer contributions that are designed to accumulate sufficient assets to pay benefits when due. Costs of administering the plan are paid separately by the City and not deducted from plan assets. Active members are not required to contribute. The actuarially determined contribution for the measurement period ending 12/31/16 and the upcoming 12/31/17 period is \$53,110 and \$64,264 respectively. There have been no changes in plan provisions during the measurement period or through the date of actuary's report dated February 1, 2017.

There is no pension plan investment policy. There are no procedures and authority for establishing and amending investment policy decisions and no policies pertaining to asset allocation. There have been no investment policy changes during the reporting period. All plan assets are invested in the Principal Financial Group General Investment Account and this represents 100% of the plan's fiduciary net position as of the measurement date. A money-weighted rate of return expresses investment performance, net of pension plan investment expense, adjusted for the changing amounts actually invested. The annual money-weighted rate of return on plan investments for the measurement period of 1/1/16 to 12/31/16 is 3.65%. The actual date and amount of each contribution and benefit payment was used in the calculation of the money-weighted rate of return.

There are no long-term contracts for contributions to the pension plan. There are no allocated insurance contracts excluded from pension plan assets. There are no policies for setting aside reserves that otherwise would be available for existing pensions. The pension plan does not provide for DROP benefits.

The components of the City's net pension liability as of December 31, 2016, determined by an actuarial valuation as of that date, are as follows:

Total pension liability	\$2,508,167
Plan fiduciary net position	<u>2,086,506</u>
Net pension liability	<u>\$421,661</u>
Plan fiduciary net position as a percentage of the total pension liability	83.19%

The City recognized \$111,942 in pension expense.

The following amounts are reported as deferred outflows and inflows of resources at December 31, 2017:

	Deferred Outflows of Resources	Deferred (Inflows) of Resources
Employer contributions subsequent to measurement date	\$44,147	\$0
Net difference between projected & actual investment earnings	16,041	0
Total	<u>\$60,188</u>	<u>\$0</u>

\$44,147 reported as deferred outflows of resources relate to pension resulting from the City contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ending December 31, 2018. Other amounts reported as deferred outflows and deferred inflows related to pension will be recognized in pension expense as follows:

City of Kettering Volunteer	
Year	Firefighters Pension
2018	\$4,962
2019	4,961
2020	3,696
2021	2,422
2022	0
Total	<u>\$16,041</u>

Actuarial Assumptions:

Total pension liability in the December 31, 2016, actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Actuarial Cost Method	Individual Entry Age
Investment rate of return beginning of period	4.25%
Investment rate of return end of period	4.00%
Inflation	2.00%
Projected salary increases	0%
Cost-of-living adjustments	0%

Mortality rates are 2016 IRS Prescribed Mortality-Optional Combined Table for Small Plans, male and female. Withdrawal rates are 2003 Society of Actuaries Small Plan Age Table, multiplied by 0.75. Funding policy assumes 100% of the estimated actuarially determined contribution amount is contributed midway during each projection period.

The expected long-term return on plan assets assumption was developed as a weighted average rate based on the target allocation of the plan and the Long-Term Capital Market Assumptions (CMA) 2016. The capital market assumptions were developed with a primary focus on forward-looking valuation models and market indicators. The key fundamental economic inputs for these models are future inflation, economic growth and interest rate environment. Due to the long-term nature of the pension obligations, the investment horizon for the CMA 2016 is 20-30 years. In addition to forward-looking models, historical analysis of market data and trends was reflected, as well as the outlook of recognized economists, organizations and consensus CMA from other credible studies. The target allocation for the plan is a 100% Fixed Income asset class with a long-term expected compounded rate of return equal to 3.62%.

The discount rate used to determine the end of period Total Pension Liability is 4.00%. The plan's fiduciary net position and benefit payments were projected to determine if the plan's fiduciary net position was greater than or equal to the expected benefit payments for each period from 2016 to 2086. Benefit payments after 2086 are projected to be \$0. The long-term rate of return of 4.00% is used to calculate the actuarial present value of projected payments for each future period when the projected Fiduciary Net Position is greater than the projected expected benefit payments. Otherwise, a municipal bond rate of 4.09% is used. The municipal bond rate is from Barclays Municipal GO Long Term (17+ Y) Index, which includes 20-year, tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher securities, as of the 12/31/2016 measurement date. The discount rate is a single rate that incorporates the long-term rate of return and municipal bond rate as described.

Changes in Net Pension Liability

	Increase (Decrease)		
	Total Pension Liability	Fiduciary Net Position	Net Pension Liability
Balances at 1/1/2016	\$2,456,055	\$2,095,159	\$360,896
Changes for the year:			
Interest	101,175	0	101,175
Benefit payments	(141,018)	(141,018)	0
Differences between expected and actual experience	25,523	0	25,523
Changes in assumptions	66,432	0	66,432
Employer contributions	0	58,317	(58,317)
Net investment income	0	74,048	(74,048)
Net changes	52,112	(8,653)	60,765
Balances at 12/31/2016	\$2,508,167	\$2,086,506	\$421,661

The following chart represents the net pension liability of the City calculated using the current discount rate of 4.00% as well as the sensitivity to a 1% increase and 1% decrease in the current discount rate:

	1% Decrease (3.00%)	Current Discount Rate (4.00%)	1% Increase (5.00%)
	City's net pension liability	\$697,168	\$421,661

Changes in Benefit Terms and Assumptions

There were no recent significant changes of benefit terms or plan provisions impacting the actuarial valuation study for the year ended December 31, 2016.

In 2016, the mortality table has been updated to reflect the annual changes to the IRS Prescribed Mortality tables, the inflation assumption has decreased from 2.25% to 2.00% and the expected long term rate of return and discount rate have decreased from 4.25% to 4.00%. The new assumptions are included in the 2016 actuarial valuation.

10. OTHER POST EMPLOYMENT BENEFITS (OPEB)

In addition to the pension benefits described in Note 9, both the Ohio Public Employees Retirement System (OPERS) and the Ohio Police and Fire Pension Fund (OPF) provide post retirement health care coverage, which meets the definition of an Other Post Employment Benefit (OPEB) as described in GASB Statement 45. For both systems, the Ohio Revised Code (ORC) permits, but does not mandate, OPEB benefits to its eligible members and beneficiaries. Authority to establish and amend benefits is provided in the ORC Chapter 145 for OPERS and Chapter 742 for OPF.

OHIO POLICE AND FIRE PENSION FUND OPEB

OPF sponsors a cost-sharing multiple-employer defined post retirement healthcare plan administered by OPF. OPF provides healthcare benefits including coverage for medical, prescription drugs, dental, vision, Medicare Part B Premium and long term care to retirees, qualifying benefit recipients and their eligible dependents.

The ORC provides the statutory authority requiring public employers to fund post retirement health care through their contributions to OPF. A portion of each employer's contribution is set aside for the funding of post retirement health care benefits. 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% and 24.0% of covered payroll for police and fire employers, respectively. The ORC states that the employer contribution may not exceed 19.5% and 24.0% of covered payroll for police and fire employers respectively. Active members do not make contributions to the OPEB Plan.

OPF maintains funds for health care in two separate accounts. One for health care benefits under an IRS Code Section 115 trust and one for Medicare Part B reimbursements administrated as an Internal Revenue Code 401(h) account, both of which are within the defined benefit pension plan, under the authority granted by the ORC to the OPF board of trustees. The board of trustees is authorized to allocate a portion of the total employer contributions made into the pension plan to the Section 115 trust and the Section 401(h) account as the employer contribution for retiree healthcare benefits. For the year ended December 31, 2017, the employer contribution allocated to the healthcare plan was .5% of covered payroll. The amount of employer contributions allocated to the healthcare plan each year is subject to the trustees' primary responsibility to ensure that pension benefits are adequately funded and also is limited by the provisions of Sections 115 and 401(h). The OPF board of trustees is authorized to establish requirements for contributions to the healthcare 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. City contributions to OPF allocated to the healthcare plan for 2015, 2016 and 2017 were \$70,040, \$75,242 and \$80,230 respectively, equal to the required contributions for the year.

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

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM OPEB

OPERS administers three separate pension plans, the Traditional Pension Plan (TP), the Member-Directed Plan (MD), and the Combined Plan (CP), all of which are described in note 9. OPERS maintains a cost-sharing multiple employer defined benefit post employment healthcare plan, which provides a medical plan, prescription drug program and Medicare Part B premium reimbursement, to age and service retirees with 10 or more years of qualifying Ohio service credit of both the TP and CP. Members of the MD do not qualify for ancillary benefits, including post employment health care coverage. Health care coverage for disability recipients and qualified survivor benefit recipients is available.

The ORC provides the statutory authority requiring public employers to fund post retirement health care through their contributions to OPERS. A portion of each employer's contribution is set aside for the funding of post retirement health care benefits. Participating employers are required to contribute to the pension plan at rates expressed as percentages of the payroll of active pension plan members, currently, 14.0%. The ORC states that the employer contribution may not exceed 14.0% of covered payroll. Active members do not make contributions to the OPEB Plan.

OPERS post employment healthcare plan was established and is administrated in accordance with, Internal Revenue Code 401(h). Each year, the OPERS Retirement Board determines the portion of the employer contribution rate that will be set aside for funding of post employment health care benefits. For 2016, the employer contribution allocated to the health care plan was 2.0% for both the TP and CP. The OPERS Retirement Board is also authorized to establish rules for the payment of a portion of the health care benefits provided by the retiree or their surviving beneficiaries. Payment amounts vary depending on the number of covered dependents and the coverage selected. City contributions to OPERS allocated to fund post employment benefits for 2015, 2016 and 2017 were \$423,844, \$426,630 and \$444,907 respectively, equal to the required contributions for the year. Changes to the health care plan were adopted in 2012 with a transition plan beginning in 2014. Because of these changes and the recent passage of pension legislation, OPERS expects to be able to consistently allocate 4% of the employer contributions toward the health care fund after the end of the transition period.

OPERS issues a stand-alone financial report. Interested parties may obtain a copy by writing OPERS, Attention: Finance Director, 277 East Town Street, Columbus, OH 43215-4642, or by calling (800) 222-7377.

11. LEASES AND CONSTRUCTION COMMITMENTS

There are no operating leases, in which the City is a lessee, in excess of one year. Operating lease payments in 2017 were \$269,661.

Significant commitments and encumbrances at December 31, 2017 included:

Capital Projects Fund \$6,064,000

12. NONCURRENT LIABILITIES

Noncurrent liability activity for the year ended December 31, 2017, was as follows:

	Beginning Balance	Additions	Reductions	Ending Balance	Amounts Due Within One Year
General Obligation Bonds:					
Court Facility Refunding, 1% - 4%	1,950,000		230,000	1,720,000	\$230,000
Court Facility premium	62,616		7,827	54,789	
Recreation & Parks Improvements 3% - 5%	8,615,000		570,000	8,045,000	595,000
Recreation & Parks premium	148,145		11,988	136,157	
Fire Station Improvements, 1% - 4%	14,375,000		630,000	13,745,000	650,000
Fire Station premium	186,318		10,351	175,967	
Total general obligation bonds	<u>25,337,079</u>	<u>0</u>	<u>1,460,166</u>	<u>23,876,913</u>	<u>1,475,000</u>
Net Pension Liability:					
OPERS	26,624,822	8,069,599		34,694,421	
OP&F	41,781,375	1,724,598		43,505,973	
Volunteer Firefighter	360,896	60,765		421,661	
Total net pension liability	<u>68,767,093</u>	<u>9,854,962</u>	<u>0</u>	<u>78,622,055</u>	
Other:					
Accrued vacation and sick leave benefits	4,820,806	2,920,257	2,791,475	4,949,588	2,920,257
Ohio Public Works Commission Long-Term Promissory Notes, 0-3%	1,073,888		157,541	916,347	158,580
Total other	<u>5,894,694</u>	<u>2,920,257</u>	<u>2,949,016</u>	<u>5,865,935</u>	<u>3,078,837</u>
Total noncurrent liabilities	<u>\$99,998,866</u>	<u>\$12,775,219</u>	<u>\$4,409,182</u>	<u>\$108,364,903</u>	<u>\$4,553,837</u>

The accrued vacation and sick leave benefits liability will be liquidated by several of the City's governmental and internal service funds. In the past, approximately 77% has been paid by the General Fund, 7% by the Street Maintenance Fund and the remainder by the other governmental and internal service funds. The City uses the "vesting method" to determine the appropriate liability.

From time to time the City has issued Industrial Revenue Bonds to provide financial assistance to private-sector entities for the acquisition and construction of industrial and commercial facilities deemed to be in the public interest. Neither the City, the State, nor any political subdivision thereof is obligated in any manner for repayment of the bonds. Accordingly, the bonds are not reported as liabilities in the accompanying financial statements. At year-end there was one Industrial Revenue Bond series outstanding, with an aggregate principal amount payable of \$3.38 million.

The annual requirements to pay principal and interest on noncurrent obligations at December 31, 2017, are as follows:

	General Obligation Bonds		Promissory Notes	
	Principal	Interest	Principal	Interest
2018	1,475,000	772,668	158,580	6,939
2019	1,525,000	728,818	159,645	5,874
2020	1,560,000	685,818	160,738	4,780
2021	1,605,000	643,330	161,861	3,658
2022	1,650,000	599,505	163,013	2,505
2023-2027	8,285,000	2,166,833	112,510	1,843
2028-2032	5,400,000	801,244		
2033-2034	2,010,000	98,475		
	<u>\$23,510,000</u>	<u>\$6,496,691</u>	<u>\$916,347</u>	<u>\$25,599</u>

The Ohio Revised Code (ORC) provides that the total net debt (as defined in the ORC) of a municipal corporation, whether or not approved by the electors, shall not exceed 10.5% of the total value of all property in the municipal corporation as listed and assessed for taxation. In addition, the unvoted net debt of municipal corporations cannot exceed 5.5% of the total taxation value of property. At December 31, 2017 the City had a legal debt margin for total debt of \$88,846,716 and a legal debt margin for unvoted debt of \$43,837,896.

13. CONTINGENT LIABILITIES

The City is the defendant in various lawsuits and subject to various claims over which litigation has not commenced. Although the outcome of these matters is not presently determinable, in the opinion of the Law Director the resolution of these matters will not have a material adverse effect on the financial condition of the City.

The City participates in several federally assisted programs that are subject to program compliance audits by the grantors or their representatives. A single financial and compliance audit of the city has been completed with no findings for recovery. The grantor agencies, at their option, may perform economy and efficiency audits, program results audits or conduct monitoring visits. Such audits and visits could lead to reimbursement to the grantor agencies. Management believes such reimbursements, if any, would be immaterial.

14. NEGATIVE FUND NET POSITION

The Administrative Operations Internal Service Fund ended the year with a negative net position of \$1,088,582. This negative net position is a result of the implementation of GASB Statement No. 68. The requirements of GASB 68 make it unlikely that this fund will ever have a positive fund balance.

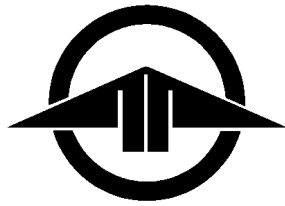
15. IMPLEMENTATIONS OF NEW ACCOUNTING PRINCIPLES

For the year ended December 31, 2017, the City has implemented Governmental Accounting Standards Board (GASB) Statement No. 80, "*Blending Requirements for Certain Component Units – An Amendment of GASB Statement No. 14*", GASB Statement No. 81 "*Irrevocable Split Interest Agreements*", and GASB Statement No. 82, "*Pension Issues – An Amendment of GASB Statements No. 67, No. 68 and No. 73*".

GASB Statement No. 80 amends the blending requirements for the financial statement presentation of component units of all state and local governments. The additional criterion requires blending of a component unit incorporated as a not-for-profit corporation in which the primary government is the sole corporate member. The additional criterion does not apply to component units included in the financial reporting entity pursuant to the provisions of Statement No. 39, "*Determining Whether Certain Organizations Are Component Units*". The implementation of GASB Statement No. 80 did not have an effect on the financial statements of the City.

GASB Statement No. 81 improves accounting and financial reporting for irrevocable split-interest agreements by providing recognition and measurement guidance for situations in which a government is a beneficiary of the agreement. The implementation of GASB Statement No. 81 did not have an effect on the financial statements of the City.

GASB Statement No. 82 addresses issues regarding (1) the presentation of payroll-related measures in required supplementary information, (2) the selection of assumptions and the treatment of deviations from the guidance in an Actuarial Standard of Practice for financial reporting purposes, and (3) the classification of payments made by employers to satisfy employee (plan member) contribution requirements. The implementation of GASB Statement No. 82 did not have an effect on the financial statements of the City.



CITY OF KETTERING

46 **CITY OF KETTERING, OHIO**

REQUIRED SUPPLEMENTARY INFORMATION

**SCHEDULE OF THE CITY'S PROPORTIONATE SHARE OF THE NET PENSION LIABILITY
OHIO POLICE & FIRE PENSION FUND
LAST FOUR YEARS ⁽¹⁾**

	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
City's proportion of the net pension liability	0.686875%	0.649478%	0.634806%	0.634806%
City's proportionate share of the net pension liability	43,505,973	41,781,375	32,885,567	30,917,014
City's covered-employee payroll	14,880,253	13,848,552	12,775,178	12,749,428
City's proportionate share of the net pension liability as a percentage of its covered-employee payroll	292.37%	301.70%	257.42%	242.50%
Plan fiduciary net position as a percentage of the total pension liability ⁽²⁾	68.36%	66.77%	72.20%	

**SCHEDULE OF THE CITY'S PROPORTIONATE SHARE OF THE NET PENSION LIABILITY
OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
LAST FOUR YEARS ⁽¹⁾**

	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
City's proportion of the net pension liability	0.152783%	0.154071%	0.155483%	0.155483%
City's proportionate share of the net pension liability	34,694,421	26,624,822	18,704,224	18,316,130
City's covered-employee payroll	21,340,029	21,200,679	20,296,179	19,941,750
City's proportionate share of the net pension liability as a percentage of its covered-employee payroll	162.58%	125.58%	92.16%	91.85%
Plan fiduciary net position as a percentage of the total pension liability ⁽²⁾	77.25%	81.08%	86.45%	

(1) The schedule is intended to show information for the past 10 years and the additional years' information will be displayed as it becomes available. Information prior to 2014 is not available and amounts presented as of the City's measurement date which is the prior fiscal year end.

(2) Information prior to 2015 is unavailable.

See accompanying notes to the required supplementary information.

CITY OF KETTERING, OHIO**REQUIRED SUPPLEMENTARY INFORMATION****SCHEDULE OF THE CITY'S CONTRIBUTIONS****OHIO POLICE & FIRE PENSION FUND****LAST TEN YEARS**

	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
Contractually required contribution	\$3,349,738	\$3,202,381	\$2,958,704	\$2,728,747	\$2,723,226	\$2,658,962	\$2,667,129	\$2,618,896	\$2,572,780	\$2,448,027
Contributions in relation to the contractually required contribution	<u>(3,349,738)</u>	<u>(3,202,381)</u>	<u>(2,958,704)</u>	<u>(2,728,747)</u>	<u>(2,723,226)</u>	<u>(2,658,962)</u>	<u>(2,667,129)</u>	<u>(2,618,896)</u>	<u>(2,572,780)</u>	<u>(2,448,027)</u>
Contribution deficiency (excess)	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
City's covered-employee payroll	15,497,341	14,880,253	13,848,552	12,775,178	12,749,428	12,450,605	12,475,082	12,242,541	12,016,559	11,470,472
Contributions as a percentage of covered-employee payroll	21.6%	21.5%	21.4%	21.4%	21.4%	21.4%	21.4%	21.4%	21.4%	21.3%

**SCHEDULE OF THE CITY'S CONTRIBUTIONS
OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
LAST TEN YEARS**

	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
Contractually required contribution	\$2,862,591	\$2,987,604	\$2,968,095	\$2,841,465	\$2,791,845	\$2,736,865	\$2,761,028	\$2,758,135	\$2,725,560	\$2,683,518
Contributions in relation to the contractually required contribution	<u>(2,862,591)</u>	<u>(2,987,604)</u>	<u>(2,968,095)</u>	<u>(2,841,465)</u>	<u>(2,791,845)</u>	<u>(2,736,865)</u>	<u>(2,761,028)</u>	<u>(2,758,135)</u>	<u>(2,725,560)</u>	<u>(2,683,518)</u>
Contribution deficiency (excess)	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
City's covered-employee payroll	22,019,931	21,340,029	21,200,679	20,296,179	19,941,750	19,504,609	19,721,630	19,700,961	19,468,289	19,167,985
Contributions as a percentage of covered-employee payroll	13.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%

See accompanying notes to the required supplementary information.

48 **CITY OF KETTERING, OHIO****REQUIRED SUPPLEMENTARY INFORMATION****SCHEDULE OF CHANGES IN THE CITY'S NET PENSION LIABILITY AND RELATED RATIOS
VOLUNTEER FIREFIGHTERS PENSION PLAN
LAST THREE YEARS ⁽¹⁾**

	<u>2017</u>	<u>2016</u>	<u>2015</u>
Total pension liability			
Interest	\$101,175	\$107,064	\$111,630
Differences between expected and actual experience	25,523	(104,423)	5,677
Change in assumptions	66,432	4,491	73,815
Benefit payments	<u>(141,018)</u>	<u>(157,789)</u>	<u>(140,484)</u>
Net change in total pension liability	52,112	(150,657)	50,638
Total pension liability - beginning	<u>2,456,055</u>	<u>2,606,712</u>	<u>2,556,074</u>
Total pension liability - ending (a)	<u>\$2,508,167</u>	<u>\$2,456,055</u>	<u>\$2,606,712</u>
Plan fiduciary net position			
Employer contributions	\$58,317	\$58,218	\$63,285
Net investment income	74,048	80,431	85,075
Benefit payments	<u>(141,018)</u>	<u>(157,789)</u>	<u>(140,484)</u>
Net change in plan fiduciary net position	(8,653)	(19,140)	7,876
Plan fiduciary net position - beginning	<u>2,095,159</u>	<u>2,114,299</u>	<u>2,106,423</u>
Plan fiduciary net position - ending (b)	<u>\$2,086,506</u>	<u>\$2,095,159</u>	<u>\$2,114,299</u>
City's net pension liability - ending (a) - (b)	421,661	360,896	492,413
Plan fiduciary net position as a percentage of the total pension liability	83.19%	85.31%	81.11%
Covered-employee payroll	0	0	0
City's net pension liability as a percentage of covered-employee payroll	n/a	n/a	n/a
End of period assumptions			
Long-term rate of return	4.00%	4.25%	4.25%
Discount rate	4.00%	4.25%	4.25%
Retirement age assumption	NRA	NRA	NRA
Plan changes	none	none	none

(1) The schedule is intended to show information for the past 10 years and the additional years' information will be displayed as it becomes available. Information prior to 2015 is not available and amounts presented as the City's measurement date which is the prior fiscal year end.

See accompanying notes to the required supplementary information.

CITY OF KETTERING, OHIO

REQUIRED SUPPLEMENTARY INFORMATION

SCHEDULE OF EMPLOYERS CONTRIBUTIONS

VOLUNTEER FIREFIGHTERS PENSION PLAN

LAST TEN YEARS ⁽¹⁾

	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
Actuarially determined employer contributions	\$53,110	\$62,062	\$57,413	\$34,813	\$38,176	\$45,905	\$59,726	\$91,662	\$69,847	\$67,025
Contributions in relation to the actuarially determined contribution	<u>(58,317)</u>	<u>(58,218)</u>	<u>(63,285)</u>	<u>(59,581)</u>	<u>(44,427)</u>	<u>(45,905)</u>	<u>(59,726)</u>	<u>(91,662)</u>	<u>(69,847)</u>	<u>(67,025)</u>
Contribution excess (deficiency)	<u>\$5,207</u>	<u>(\$3,844)</u>	<u>\$5,872</u>	<u>\$24,768</u>	<u>\$6,251</u>					
Covered-employee payroll	0	0	0	0	0	0	0	0	0	0
Contributions as a percentage of covered-employee payroll	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Actuarially determined contribution (ADC) assumptions: ADC rates are calculated as of 12/31, one year prior to the year of contribution										
Long-term rate of return	4.00%	4.25%	4.25%	4.50%	5.25%	5.25%	6.00%	6.00%	6.25%	6.25%
Interest rate	4.00%	4.25%	4.25%	4.50%	5.25%	5.25%	6.00%	6.00%	6.25%	6.25%
Retirement age assumption	NRA	NRA	NRA	NRA	NRA	NRA	NRA	NRA	NRA	NRA
Plan changes	none	none	none	none	none	none	none	none	none	none

SCHEDULE OF INVESTMENT RETURNS

VOLUNTEER FIREFIGHTERS PENSION PLAN

LAST THREE YEARS ⁽²⁾

	<u>2017</u>	<u>2016</u>	<u>2015</u>
Annual money-weighted rate of return, net of investment expense	3.65%	3.94%	4.19%

(1) The amounts presented as of the City's measurement date which is the prior fiscal year end.

(2) The schedule is intended to show information for the past 10 years and the additional year's information will be displayed as it becomes available.

Information prior to 2015 is not available and amounts presented as of the City's measurement date which is the prior fiscal year end.

See accompanying notes to the required supplementary information.

REQUIRED SUPPLEMENTARY INFORMATION**BUDGET(GAAP BUDGET) TO ACTUAL COMPARISON SCHEDULE - GENERAL FUND
FOR THE YEAR ENDED DECEMBER 31, 2017**

	Budgeted Amounts		Actual	Variance with Final Budget
	Original	Final		
Fund balance, January 1	\$46,011,803	\$46,011,803	\$46,011,803	
Resources (inflows)				
Income taxes	47,352,000	48,500,000	48,734,275	\$234,275
Property taxes	5,388,000	5,362,000	5,362,458	458
Licenses and permits	565,000	577,000	588,229	11,229
Intergovernmental revenue	1,575,000	2,220,000	1,742,086	(477,914)
Charges for services	193,000	183,000	194,608	11,608
Fines and forfeits	1,213,000	1,245,000	1,241,622	(3,378)
Investment earnings	400,000	400,000	602,751	202,751
Special assessments	400,000	413,000	413,710	710
Refunds and reimbursements	1,500,000	1,750,000	2,107,331	357,331
Miscellaneous	45,000	44,000	48,673	4,673
Sale of city assets	30,000	20,000	67,477	47,477
Amounts available for appropriation	104,672,803	106,725,803	107,115,023	389,220
Charges to appropriations (outflows)				
General government:				
Mayor and Council:				
Personal services	113,100	113,100	111,222	1,878
Operating expenditures	85,235	85,171	73,656	11,515
Capital outlay				
Total mayor and council	198,335	198,271	184,878	13,393
Municipal court:				
Personal services	1,049,300	1,049,300	1,035,008	14,292
Operating expenditures	259,500	259,500	234,250	25,250
Capital outlay				
Total municipal court	1,308,800	1,308,800	1,269,258	39,542
Clerk of courts:				
Personal services	962,200	962,200	918,081	44,119
Operating expenditures	137,564	137,564	130,220	7,344
Capital outlay				
Total clerk of courts	1,099,764	1,099,764	1,048,301	51,463
Office of City Manager:				
Personal services	663,000	663,000	654,082	8,918
Operating expenditures	62,935	62,871	58,704	4,167
Capital outlay				
Total office of city manager	725,935	725,871	712,786	13,085
Law department:				
Personal services	875,100	875,100	838,510	36,590
Operating expenditures	210,900	283,900	251,043	32,857
Capital outlay				
Total law department	1,086,000	1,159,000	1,089,553	69,447
Finance department:				
Personal services	2,228,700	2,228,700	2,167,861	60,839
Operating expenditures	604,333	649,169	442,844	206,325
Capital outlay				
Total finance department	2,833,033	2,877,869	2,610,705	267,164
Administrative support:				
Personal services	712,600	712,600	696,711	15,889
Operating expenditures	643,547	303,047	193,371	109,676
Capital outlay				0
Total administrative support	1,356,147	1,015,647	890,082	125,565

See accompanying notes to the required supplementary information.

REQUIRED SUPPLEMENTARY INFORMATION**BUDGET(GAAP BUDGET) TO ACTUAL COMPARISON SCHEDULE - GENERAL FUND - CONTINUED
FOR THE YEAR ENDED DECEMBER 31, 2017**

	Budgeted Amounts		Actual	Variance with Final Budget
	Original	Final		
General government:				
Human resources department:				
Personal services	\$771,100	\$789,100	\$785,426	\$3,674
Operating expenditures	451,880	513,300	415,536	97,764
Capital outlay				
Total human resources department	<u>1,222,980</u>	<u>1,302,400</u>	<u>1,200,962</u>	<u>101,438</u>
Planning and development:				
Personal services	2,130,900	2,130,900	2,085,484	45,416
Operating expenditures	462,202	480,966	409,127	71,839
Capital outlay				
Total planning and development	<u>2,593,102</u>	<u>2,611,866</u>	<u>2,494,611</u>	<u>117,255</u>
Economic development:				
Personal services	151,300	151,500	151,458	42
Operating expenditures	828,311	1,116,975	951,164	165,811
Capital outlay				
Total economic development	<u>979,611</u>	<u>1,268,475</u>	<u>1,102,622</u>	<u>165,853</u>
Miscellaneous:				
Operating expenditures	1,007,693	1,061,840	776,270	285,570
Total miscellaneous	<u>1,007,693</u>	<u>1,061,840</u>	<u>776,270</u>	<u>285,570</u>
Total general government	<u>14,411,400</u>	<u>14,629,803</u>	<u>13,380,028</u>	<u>1,249,775</u>
Police:				
Personal services	12,407,100	12,657,100	12,555,561	101,539
Operating expenditures	2,079,530	2,001,109	1,801,464	199,645
Capital outlay	216,886	216,500	209,905	6,595
Total police	<u>14,703,516</u>	<u>14,874,709</u>	<u>14,566,930</u>	<u>307,779</u>
Fire:				
Personal services	11,528,300	11,978,300	11,817,186	161,114
Operating expenditures	2,131,599	2,765,949	2,448,746	317,203
Capital outlay	704,380	279,380	14,426	264,954
Total fire	<u>14,364,279</u>	<u>15,023,629</u>	<u>14,280,358</u>	<u>743,271</u>
Public works:				
Engineering department:				
Personal services	2,032,700	2,032,700	1,972,851	59,849
Operating expenditures	515,256	514,908	405,074	109,834
Capital outlay	124,460	124,460		124,460
Total engineering department	<u>2,672,416</u>	<u>2,672,068</u>	<u>2,377,925</u>	<u>294,143</u>
Street lighting:				
Operating expenditures	535,000	535,000	461,397	73,603
Total street lighting	<u>535,000</u>	<u>535,000</u>	<u>461,397</u>	<u>73,603</u>
Total public works	<u>3,207,416</u>	<u>3,207,068</u>	<u>2,839,322</u>	<u>367,746</u>
Transfers to other funds	18,036,000	18,748,731	15,869,382	2,879,349
Total charges to appropriations	<u>64,722,611</u>	<u>66,483,940</u>	<u>60,936,020</u>	<u>5,547,920</u>
Fund balance, December 31	<u>\$39,950,192</u>	<u>\$40,241,863</u>	<u>\$46,179,003</u>	<u>\$5,937,140</u>

See accompanying notes to the required supplementary information.

52 CITY OF KETTERING, OHIO

REQUIRED SUPPLEMENTARY INFORMATION**BUDGET(GAAP BUDGET) TO ACTUAL COMPARISON SCHEDULE - STREET MAINTENANCE FUND
FOR THE YEAR ENDED DECEMBER 31, 2017**

	Budgeted Amounts		Actual	Variance with Final Budget
	Original	Final		
Fund balance, January 1	\$1,053,397	\$1,053,397	\$1,053,397	
Resources (inflows)				
Licenses and permits	10,000	15,000	17,360	\$2,360
Intergovernmental revenue	2,500,000	2,530,000	2,529,390	(610)
Refunds and reimbursements	236,000	236,000	210,508	(25,492)
Miscellaneous	5,000	5,000	6,480	1,480
Sale of city assets	50,000	125,000	142,584	17,584
Transfer from the general fund	3,959,000	4,068,000	3,269,000	(799,000)
Amounts available for appropriation	<u>7,813,397</u>	<u>8,032,397</u>	<u>7,228,719</u>	<u>(803,678)</u>
Charges to appropriations (outflows)				
Public works:				
Street department:				
Personal services	4,144,100	4,144,100	3,891,518	252,582
Operating expenditures	2,202,028	2,109,867	1,533,665	576,202
Capital outlay	1,242,030	1,251,791	1,162,407	89,384
Total charges to appropriations	<u>7,588,158</u>	<u>7,505,758</u>	<u>6,587,590</u>	<u>918,168</u>
Fund balance, December 31	<u>\$225,239</u>	<u>\$526,639</u>	<u>\$641,129</u>	<u>\$114,490</u>

See accompanying notes to the required supplementary information.

REQUIRED SUPPLEMENTARY INFORMATION
**BUDGET(GAAP BUDGET) TO ACTUAL COMPARISON SCHEDULE -
 PARKS, RECREATION AND CULTURAL ARTS FUND
 FOR THE YEAR ENDED DECEMBER 31, 2017**

	Budgeted Amounts		Actual	Variance with Final Budget
	Original	Final		
Fund balance, January 1	\$169,090	\$169,090	\$169,090	
Resources (inflows)				
Intergovernmental revenue	35,000	23,000	23,507	\$507
Charges for services	3,911,000	3,685,000	3,454,939	(230,061)
Refunds and reimbursements	53,000	41,000	69,117	28,117
Miscellaneous	61,000	39,000	40,295	1,295
Sale of city assets			15,903	15,903
Transfer from the general fund	6,590,000	6,782,545	6,538,000	(244,545)
Amounts available for appropriation	10,819,090	10,739,635	10,310,851	(428,784)
Charges to appropriations (outflows)				
Leisure services:				
Parks, recreation and cultural arts department:				
Personal services	6,263,900	6,063,900	5,857,960	205,940
Operating expenditures	4,367,983	4,470,443	4,274,187	196,256
Capital outlay	107,818	36,096	27,233	8,863
Total charges to appropriations	10,739,701	10,570,439	10,159,380	411,059
Fund balance, December 31	\$79,389	\$169,196	\$151,471	(\$17,725)

See accompanying notes to the required supplementary information.

54 CITY OF KETTERING, OHIO

REQUIRED SUPPLEMENTARY INFORMATION**BUDGET(GAAP BUDGET) TO ACTUAL COMPARISON SCHEDULE - FRAZE PAVILION FUND
FOR THE YEAR ENDED DECEMBER 31, 2017**

	Budgeted Amounts		Actual	Variance with Final Budget
	Original	Final		
Fund balance, January 1	\$2,161,550	\$2,161,550	\$2,161,550	
Resources (inflows)				
Charges for services	3,765,000	3,462,000	3,473,487	\$11,487
Refunds and reimbursements			7,504	7,504
Miscellaneous	405,000	491,000	489,396	(1,604)
Amounts available for appropriation	6,331,550	6,114,550	6,131,937	17,387
Charges to appropriations (outflows)				
Leisure services:				
Fraze pavilion:				
Personal services	1,198,900	1,198,900	1,160,184	38,716
Operating expenditures	3,387,544	3,834,306	3,236,911	597,395
Total charges to appropriations	4,586,444	5,033,206	4,397,095	636,111
Fund balance, December 31	\$1,745,106	\$1,081,344	\$1,734,842	\$653,498

See accompanying notes to the required supplementary information.

REQUIRED SUPPLEMENTARY INFORMATION
**BUDGET(GAAP BUDGET) TO ACTUAL COMPARISON SCHEDULE -
 COMMUNITY DEVELOPMENT FUND
 FOR THE YEAR ENDED DECEMBER 31, 2017**

	Budgeted Amounts		Actual	Variance with Final Budget
	Original	Final		
Fund balance, January 1	\$1,133,828	\$1,133,828	\$1,133,828	
Resources (inflows)				
Intergovernmental revenue	1,180,444	1,180,444	372,290	(\$808,154)
Investment earnings	1,000	1,000	1,429	429
Refunds and reimbursements			12,869	12,869
Miscellaneous	7,600	7,600	3,422	(4,178)
Sale of city assets	375,000	375,000	366,647	(8,353)
Transfer from the general fund				
Amounts available for appropriation	<u>2,697,872</u>	<u>2,697,872</u>	<u>1,890,485</u>	<u>(807,387)</u>
Charges to appropriations (outflows)				
General government	1,010,499	1,010,386	660,840	349,546
Capital improvements	<u>569,746</u>	<u>553,686</u>	<u>132,005</u>	<u>421,681</u>
Total charges to appropriations	<u>1,580,245</u>	<u>1,564,072</u>	<u>792,845</u>	<u>771,227</u>
Fund balance, December 31	<u>\$1,117,627</u>	<u>\$1,133,800</u>	<u>\$1,097,640</u>	<u>(\$36,160)</u>

See accompanying notes to the required supplementary information.

REQUIRED SUPPLEMENTARY INFORMATION**BUDGET(GAAP BUDGET) TO ACTUAL COMPARISON SCHEDULE - EMERGENCY MEDICAL FUND
FOR THE YEAR ENDED DECEMBER 31, 2017**

	Budgeted Amounts		Actual	Variance with Final Budget
	Original	Final		
Fund balance, January 1	\$968,827	\$968,827	\$968,827	
Resources (inflows)				
Charges for services	375,000	375,000	363,404	(\$11,596)
Investment earnings		4,000	7,303	3,303
Refunds and reimbursements			1,244	1,244
Transfer from the general fund				
Amounts available for appropriation	<u>1,343,827</u>	<u>1,347,827</u>	<u>1,340,778</u>	<u>(7,049)</u>
Charges to appropriations (outflows)				
Fire:				
Operating expenditures	28,500	28,500	17,755	10,745
Capital outlay				
Total fire	<u>28,500</u>	<u>28,500</u>	<u>17,755</u>	<u>10,745</u>
Capital Improvements				
Transfer to the capital projects fund	1,300,000	1,300,000	1,290,000	10,000
Total charges to appropriations	<u>1,328,500</u>	<u>1,328,500</u>	<u>1,307,755</u>	<u>20,745</u>
Fund balance, December 31	<u>\$15,327</u>	<u>\$19,327</u>	<u>\$33,023</u>	<u>\$13,696</u>

See accompanying notes to the required supplementary information.

**NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION
FOR THE YEAR ENDED DECEMBER 31, 2017**

1. BUDGETS AND BUDGETARY ACCOUNTING

An annual budget for all governmental fund types covering the period January 1 through December 31 of the following year showing estimated revenues and expenditures is submitted to the County Auditor as Secretary of the County Budget Commission. The budget is passed by City Council, after public hearings are held, by July 15 of each year, and submitted to the County Budget Commission by July 20 of each year.

The County Budget Commission certifies its actions relative to the annual budget to the City by September 1. As part of this certification, the City receives an official certificate of estimated resources which states the projected receipts by fund. On or about January 1, this certificate is amended to include any unencumbered fund balances from the preceding year. Prior to December 31, the City must revise its budget so that the total contemplated expenditures from any fund during the ensuing fiscal year will not exceed the amount stated in the certificate of estimated resources. The revised budget then serves as the basis for the annual appropriations ordinance.

A temporary appropriations ordinance to control expenditures may be passed on or about January 1 of each year for the period January 1 through March 31. An annual appropriations ordinance must be passed by April 1 of each year for the period January 1 to December 31. The appropriations ordinance generally controls expenditures at the level of personal services, operating expenditures and capital outlay on a department level, except for the state highway fund, cemetery fund, police pension fund, DESC (Defense Electronics Supply Center) reuse fund, special safety grants and programs fund, community development fund, emergency medical fund and the capital projects fund which are controlled at the fund level. The City Manager has the authority to amend appropriations within the department at the levels of personal service, operating expenditures and capital outlay; amendments above this level require council approval. The ordinance may be amended or supplemented by Council during the year as required. Amendments to the appropriations ordinance made during the year were not material in relation to the original appropriations. Total expenditures in any fund do not exceed the estimated resources for that fund. Unencumbered appropriations lapse at year-end, while encumbered amounts are reappropriated in the following year's budget. The Finance Director in conjunction with the annual budgeting process estimates revenues. However, these estimates are not included or required in the budget ordinance.

The City, being a home rule municipal corporation, has adopted, through ordinance, GAAP (generally accepted accounting principles) as its budgetary basis.

Encumbrance accounting, under which purchase orders, contracts, and other commitments for the expenditure of monies are recorded in order to reserve that portion of the applicable appropriation, is employed as an extension of formal budgetary control in the governmental funds. Encumbrances outstanding at year-end may be reported as part of restricted, committed or assigned fund balance.

2. PENSION PLANS**OHIO POLICE AND FIRE PENSION FUND CHANGES IN BENEFIT TERMS AND ASSUMPTIONS**

There have been no plan amendments adopted or changes in assumptions since the latest actuarial valuation, as of January 1, 2016, with actuarial liability rolled forward to December 31, 2016. The assumed investment rate of return and the discount rate is 8.25 percent.

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM CHANGES IN BENEFIT TERMS AND ASSUMPTIONS

There were no recent significant changes of benefit terms, investment policies, the size or composition of the population covered by the benefit terms impacting the actuarial valuation study for the year ended December 31, 2016.

In 2016, a five-year experience study was completed on the period January 1, 2011 through December 31, 2015. The Board adopted changes to both the demographic and economic assumptions as a result of the study. The most notable change in demographic assumptions is an increased life expectancy of the members and the most notable change in economic assumptions is the reduction in the actuarially assumed rate of return from 8.00% down to 7.50% for the defined benefit investments. The new assumptions are included in the 2016 actuarial valuation.

In 2016, OPERS, in conjunction with the Board's investment consultants, also completed an asset liability study. Periodically, the System engages in a more comprehensive study that examines the nature of the pension liabilities we will ultimately pay and the characteristics of the asset allocation projections and the associated level of risk. As a result of this study, OPERS modified the asset allocation slightly, but not substantively.

VOLUNTEER FIREFIGHTERS PENSION CHANGES IN BENEFIT TERMS AND ASSUMPTIONS

There were no recent significant changes of benefit terms or plan provisions that impacting the actuarial valuation study for the year ended December 31, 2016.

In 2016, the mortality table has been updated to reflect the annual changes to the IRS Prescribed Mortality tables, the inflation assumption has decreased from 2.25% to 2.00% and the expected long term rate of return and discount rate have decreased from 4.25% to 4.00%. The new assumptions are included in the 2016 actuarial valuation.

**FINANCIAL STATEMENTS
OF
INDIVIDUAL FUNDS**

NONMAJOR SPECIAL REVENUE FUNDS
 COMBINING BALANCE SHEET DECEMBER 31, 2017

	State Highway	Cemetery	Police Pension	DESC Reuse	Special Safety Grants & Programs	Total Governmental Funds
ASSETS						
Pooled cash and investments	\$55,861	\$431,463	\$182,129	\$48,774	\$2,680,696	\$3,398,923
Receivables:						
Property taxes			305,000			305,000
Accounts				3,573	4,394	7,967
Due from other governments	83,697		21,851		90,242	195,790
Prepaid expenditures					2,099	2,099
Total assets	<u>\$139,558</u>	<u>\$431,463</u>	<u>\$508,980</u>	<u>\$52,347</u>	<u>\$2,777,431</u>	<u>\$3,909,779</u>
LIABILITIES						
Accounts payable	\$328	\$200		\$21,035	\$63,326	\$84,889
Due to the General fund					15,900	15,900
Accrued payroll			\$172,636		5,049	177,685
Total liabilities	<u>328</u>	<u>200</u>	<u>172,636</u>	<u>21,035</u>	<u>84,275</u>	<u>278,474</u>
DEFERRED INFLOWS OF RESOURCES						
Property taxes			305,000			305,000
Grants and other taxes	71,600		21,300		28,882	121,782
Total deferred inflows of resources	<u>71,600</u>		<u>326,300</u>		<u>28,882</u>	<u>426,782</u>
FUND BALANCES						
Nonspendable: Prepays						
Restricted for:						
Public safety			10,044		345,009	355,053
Road construction / Public works	67,630					67,630
Leisure services					29,057	29,057
Municipal court activities					1,872,578	1,872,578
Committed to:						
Social services					7,081	7,081
Public safety					13,020	13,020
Leisure services		\$431,263			397,529	828,792
Other purposes				31,312		31,312
Total fund balances	<u>67,630</u>	<u>431,263</u>	<u>10,044</u>	<u>31,312</u>	<u>2,664,274</u>	<u>3,204,523</u>
Total liab, defer inflows & fund bals	<u>\$139,558</u>	<u>\$431,463</u>	<u>\$508,980</u>	<u>\$52,347</u>	<u>\$2,777,431</u>	<u>\$3,909,779</u>

NONMAJOR SPECIAL REVENUE FUNDS
 COMBINING STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND
 BALANCES - BUDGET AND ACTUAL (GAAP BUDGET)
 FOR THE YEAR ENDED DECEMBER 31, 2017

	State Highway			Cemetery		
	Final Budget	Actual	Variance	Final Budget	Actual	Variance
REVENUES						
Property taxes						
Intergovernmental revenue	\$184,000	\$184,893	\$893			
Charges for services				\$7,000	\$5,798	(\$1,202)
Fines and forfeits						
Investment earnings	1,000	2,379	1,379	4,000	4,304	304
Refunds and reimbursements						
Miscellaneous				3,000	3,080	80
Total revenues	<u>185,000</u>	<u>187,272</u>	<u>2,272</u>	<u>14,000</u>	<u>13,182</u>	<u>(818)</u>
EXPENDITURES						
Current:						
General government				30,000	4,850	25,150
Police						
Fire						
Public works	205,000	132,281	72,719			
Leisure services						
Capital improvements			0			
Total expenditures	<u>205,000</u>	<u>132,281</u>	<u>72,719</u>	<u>30,000</u>	<u>4,850</u>	<u>25,150</u>
Excess (deficiency) of revenues over expenditures	(20,000)	54,991	74,991	(16,000)	8,332	24,332
OTHER FINANCING SOURCES (USES)						
Transfers in	33,000	0	(33,000)			
Transfers out						
Sale of city assets						
Net change in fund balance	<u>13,000</u>	<u>54,991</u>	<u>41,991</u>	<u>(16,000)</u>	<u>8,332</u>	<u>24,332</u>
Fund balances--beginning	12,639	12,639		422,931	422,931	
Fund balances--ending	<u>\$25,639</u>	<u>\$67,630</u>	<u>\$41,991</u>	<u>\$406,931</u>	<u>\$431,263</u>	<u>\$24,332</u>

**NONMAJOR SPECIAL REVENUE FUNDS
 COMBINING STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND
 BALANCES - BUDGET AND ACTUAL (GAAP BUDGET) - CONTINUED
 FOR THE YEAR ENDED DECEMBER 31, 2017**

	Police Pension			DESC Reuse		
	Final Budget	Actual	Variance	Final Budget	Actual	Variance
REVENUES						
Property taxes	\$282,000	\$282,579	\$579			
Intergovernmental revenue	42,000	42,506	506			
Charges for services				\$55,000	\$55,867	867
Fines and forfeits						
Investment earnings						
Refunds and reimbursements			0	12,000	14,091	2,091
Miscellaneous						
Total revenues	<u>324,000</u>	<u>325,085</u>	<u>1,085</u>	<u>67,000</u>	<u>69,958</u>	<u>2,958</u>
EXPENDITURES						
Current:						
General government				311,455	195,845	115,610
Police	1,688,000	1,651,690	36,310			
Fire						
Public works						
Leisure services						
Capital improvements						
Total expenditures	<u>1,688,000</u>	<u>1,651,690</u>	<u>36,310</u>	<u>311,455</u>	<u>195,845</u>	<u>115,610</u>
Excess (deficiency) of revenues over expenditures	(1,364,000)	(1,326,605)	37,395	(244,455)	(125,887)	118,568
OTHER FINANCING SOURCES (USES)						
Transfers in	1,361,000	1,326,000	(35,000)	222,000	123,000	(99,000)
Transfers out						
Sale of city assets					2,364	2,364
Net change in fund balance	<u>(3,000)</u>	<u>(605)</u>	<u>2,395</u>	<u>(22,455)</u>	<u>(523)</u>	<u>21,932</u>
Fund balances--beginning	10,649	10,649		31,835	31,835	
Fund balances--ending	<u>\$7,649</u>	<u>\$10,044</u>	<u>\$2,395</u>	<u>\$9,380</u>	<u>\$31,312</u>	<u>\$21,932</u>

NONMAJOR SPECIAL REVENUE FUNDS
 COMBINING STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND
 BALANCES - BUDGET AND ACTUAL (GAAP BUDGET) - CONTINUED
 FOR THE YEAR ENDED DECEMBER 31, 2017

	Special Safety Grants & Programs			Total		
	Final Budget	Actual	Variance	Final Budget	Actual	Variance
REVENUES						
Property taxes				\$282,000	\$282,579	\$579
Intergovernmental revenue	\$313,817	\$357,017	\$43,200	539,817	584,416	44,599
Charges for services				62,000	61,665	(335)
Fines and forfeits	513,000	530,177	17,177	513,000	530,177	17,177
Investment earnings	5,000	14,956	9,956	10,000	21,639	11,639
Refunds and reimbursements	1,000	3,035	2,035	13,000	17,126	4,126
Miscellaneous	80,000	106,459	26,459	83,000	109,539	26,539
Total revenues	<u>912,817</u>	<u>1,011,644</u>	<u>98,827</u>	<u>1,502,817</u>	<u>1,607,141</u>	<u>104,324</u>
EXPENDITURES						
Current:						
General government	947,010	571,945	375,065	1,288,465	772,640	515,825
Police	304,195	181,899	122,296	1,992,195	1,833,589	158,606
Fire	4,125	3,125	1,000	4,125	3,125	1,000
Public works	572	572	0	205,572	132,853	72,719
Leisure services	85,109	19,734	65,375	85,109	19,734	65,375
Capital improvements	100,245	11,300	88,945	100,245	11,300	88,945
Total expenditures	<u>1,441,256</u>	<u>788,575</u>	<u>652,681</u>	<u>3,675,711</u>	<u>2,773,241</u>	<u>902,470</u>
Excess (deficiency) of revenues over expenditures	(528,439)	223,069	751,508	(2,172,894)	(1,166,100)	1,006,794
OTHER FINANCING SOURCES (USES)						
Transfers in	9,535	172	(9,363)	1,625,535	1,449,172	(176,363)
Transfers out						
Sale of city assets					2,364	2,364
Net change in fund balance	(518,904)	223,241	742,145	(547,359)	285,436	832,795
Fund balances--beginning	2,441,033	2,441,033		2,919,087	2,919,087	
Fund balances--ending	<u>\$1,922,129</u>	<u>\$2,664,274</u>	<u>\$742,145</u>	<u>\$2,371,728</u>	<u>\$3,204,523</u>	<u>\$832,795</u>

DEBT SERVICE FUND
 STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND
 BALANCE - BUDGET AND ACTUAL (GAAP BUDGET)
 FOR THE YEAR ENDED DECEMBER 31, 2017

	<u>Final Budget</u>	<u>Actual</u>	<u>Variance</u>
REVENUES			
Property taxes	\$744,000	\$744,124	\$124
Intergovernmental revenue	112,000	111,934	(66)
Charges for services	1,125,000	1,090,213	(34,787)
Investment earnings	9,000	25,739	16,739
Refunds and reimbursements	40,000	44,044	4,044
Total revenues	<u>2,030,000</u>	<u>2,016,054</u>	<u>(13,946)</u>
EXPENDITURES			
Current:			
General government	62,000	53,267	8,733
Debt service:			
Principal	1,587,543	1,587,541	2
Interest	834,945	834,945	
Total expenditures	<u>2,484,488</u>	<u>2,475,753</u>	<u>8,735</u>
Deficiency of revenues over expenditures	(454,488)	(459,699)	(5,211)
OTHER FINANCING SOURCES (USES)			
Transfers in	404,000	400,000	(4,000)
Net change in fund balance	<u>(50,488)</u>	<u>(59,699)</u>	<u>(9,211)</u>
Fund balances--beginning	1,084,375	1,084,375	
Fund balances--ending	<u>\$1,033,887</u>	<u>\$1,024,676</u>	<u>(\$9,211)</u>

CAPITAL PROJECTS FUND
 STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND
 BALANCE - BUDGET AND ACTUAL (GAAP BUDGET)
 FOR THE YEAR ENDED DECEMBER 31, 2017

	<u>Final Budget</u>	<u>Actual</u>	<u>Variance</u>
REVENUES			
Property taxes			
Payments in lieu of taxes	\$396,000	\$396,627	\$627
Intergovernmental revenue	3,301,000	3,009,335	(291,665)
Investment earnings	186,000	363,975	177,975
Special assessments	807,000	806,550	(450)
Refunds and reimbursements	632,000	527,267	(104,733)
Miscellaneous	30,000	30,000	0
Total revenues	<u>5,352,000</u>	<u>5,133,754</u>	<u>(218,246)</u>
EXPENDITURES			
Capital improvements	<u>24,717,986</u>	<u>16,189,575</u>	<u>8,528,411</u>
Total expenditures	<u>24,717,986</u>	<u>16,189,575</u>	<u>8,528,411</u>
Deficiency of revenues over expenditures	(19,365,986)	(11,055,821)	8,310,165
OTHER FINANCING SOURCES (USES)			
Transfers in	7,168,652	5,503,210	(1,665,442)
Sale of City Assets	75,000	192,584	117,584
Net change in fund balance	<u>(12,122,334)</u>	<u>(5,360,027)</u>	<u>6,762,307</u>
Fund balances--beginning	<u>41,287,272</u>	<u>41,287,272</u>	
Fund balances--ending	<u>\$29,164,938</u>	<u>\$35,927,245</u>	<u>\$6,762,307</u>

CAPITAL PROJECTS FUND
DETAILED SCHEDULE OF EXPENDITURES COMPARED TO BUDGET (GAAP BUDGET)
FOR THE YEAR ENDED DECEMBER 31, 2017

	<u>Final Budget</u>	<u>Actual</u>	<u>Variance</u>
Capital improvements:			
Traffic controls	\$2,495,238	\$2,009,587	\$485,651
Street construction	7,619,854	6,691,729	928,125
Drainage	40,000	2,465	37,535
Parks and recreation	2,584,732	1,529,482	1,055,250
Tree planting and landscaping	279,000	210,324	68,676
Other	11,699,162	5,745,988	5,953,174
Total capital projects fund	<u>\$24,717,986</u>	<u>\$16,189,575</u>	<u>\$8,528,411</u>

INTERNAL SERVICE FUNDS
 COMBINING STATEMENT OF NET POSITION
 DECEMBER 31, 2017

	Administrative Operations	Health Insurance	Totals
ASSETS			
Current Assets:			
Pooled cash and investments	\$940,361	\$5,685,439	\$6,625,800
Accounts receivable	1,452	51,511	52,963
Prepaid expenses	41,618		41,618
Inventory	288,897		288,897
Total current assets	<u>1,272,328</u>	<u>5,736,950</u>	<u>7,009,278</u>
Noncurrent Assets:			
Capital assets:			
Buildings and improvements	757,936		757,936
Machinery and equipment	2,485,177		2,485,177
Less: Accumulated depreciation	<u>(2,372,471)</u>		<u>(2,372,471)</u>
Total noncurrent assets	<u>870,642</u>		<u>870,642</u>
Total assets	<u>2,142,970</u>	<u>5,736,950</u>	<u>7,879,920</u>
DEFERRED OUTFLOWS OF RESOURCES			
Pensions	1,627,047		1,627,047
Total deferred outflows	<u>1,627,047</u>		<u>1,627,047</u>
LIABILITIES			
Current Liabilities:			
Accounts payable	121,852	11,331	133,183
Accrued payroll	92,400		92,400
Accrued health claims		448,019	448,019
Total current liabilities	<u>214,252</u>	<u>459,350</u>	<u>673,602</u>
Noncurrent liabilities:			
Accrued vacation and sick benefits due within 1 year	260,929		260,929
Accrued vacation and sick benefits due in more than 1 year	181,323		181,323
Net pension liability	4,156,996		4,156,996
Total noncurrent liabilities	<u>4,599,248</u>		<u>4,599,248</u>
Total liabilities	<u>4,813,500</u>	<u>459,350</u>	<u>5,272,850</u>
DEFERRED INFLOWS OF RESOURCES			
Pensions	45,099		45,099
Total deferred inflows	<u>45,099</u>		<u>45,099</u>
NET POSITION			
Net investment in capital assets	870,642		870,642
Unrestricted	<u>(1,959,224)</u>	<u>5,277,600</u>	<u>3,318,376</u>
Total net position	<u>(\$1,088,582)</u>	<u>\$5,277,600</u>	<u>\$4,189,018</u>

**INTERNAL SERVICE FUNDS
COMBINING STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND NET POSITION
FOR THE YEAR ENDED DECEMBER 31, 2017**

	Administrative Operations	Health Insurance	Totals
OPERATING REVENUES			
Charges for services	\$6,693,461	\$7,199,558	\$13,893,019
Total operating revenues	<u>6,693,461</u>	<u>7,199,558</u>	<u>13,893,019</u>
OPERATING EXPENSES			
Personal services	4,114,891		4,114,891
Repairs and maintenance	1,218,050		1,218,050
Contractual services	722,093	5,894,938	6,617,031
Other materials and expenses	588,744		588,744
Depreciation	284,459		284,459
Total operating expenses	<u>6,928,237</u>	<u>5,894,938</u>	<u>12,823,175</u>
Operating income (loss)	<u>(234,776)</u>	<u>1,304,620</u>	<u>1,069,844</u>
NONOPERATING REVENUES (EXPENSES)			
Investment earnings	9,759	37,720	47,479
Change in net position	(225,017)	1,342,340	1,117,323
Total net position--beginning	<u>(863,565)</u>	<u>3,935,260</u>	<u>3,071,695</u>
Total net position--ending	<u><u>(\$1,088,582)</u></u>	<u><u>\$5,277,600</u></u>	<u><u>\$4,189,018</u></u>

INTERNAL SERVICE FUNDS
 COMBINING STATEMENT OF CASH FLOWS
 FOR THE YEAR ENDED DECEMBER 31, 2017
 Increase (Decrease) in cash

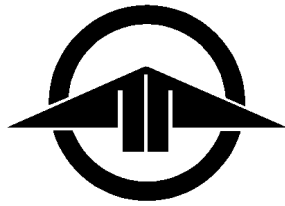
	Administrative Operations	Health Insurance	Totals
CASH FLOWS FROM OPERATING ACTIVITIES			
Cash received for services	\$6,695,065	\$7,149,908	\$13,844,973
Cash paid to suppliers for goods or services	(2,032,413)	(5,890,870)	(7,923,283)
Cash paid to employees for services	(4,108,944)		(4,108,944)
Net cash provided (used) by operating activities	<u>553,708</u>	<u>1,259,038</u>	<u>1,812,746</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES			
Acquisition of capital assets	(148,881)		(148,881)
Sale of capital assets	7,926		7,926
Net cash used by capital and related financing activities	<u>(140,955)</u>		<u>(140,955)</u>
CASH FLOWS FROM INVESTING ACTIVITIES			
Investment earnings	9,759	37,720	47,479
Net cash provided by investing activities	<u>9,759</u>	<u>37,720</u>	<u>47,479</u>
Net increase (decrease) in cash	422,512	1,296,758	1,719,270
Cash at beginning of year	517,849	4,388,681	4,906,530
Cash at end of year	<u>\$940,361</u>	<u>\$5,685,439</u>	<u>\$6,625,800</u>
RECONCILIATION OF OPERATING INCOME (LOSS) TO NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES			
Operating income (loss)	(\$234,776)	\$1,304,620	\$1,069,844
Adjustments to reconcile operating income (loss) to net cash provided (used) by operating activities:			
Depreciation	284,459		284,459
Increase (decrease) in net pension liability	652,803		652,803
(Increase) decrease in deferred outflows - pension	(173,142)		(173,142)
Increase (decrease) in deferred inflows - pension	(41,251)		(41,251)
(Increase) decrease in receivables	986	(49,650)	(48,664)
(Increase) decrease in inventories	69,577		69,577
Increase (decrease) in accounts payable	(9,212)	11,101	1,889
Increase (decrease) in accrued health claims		(7,033)	(7,033)
Net (increase) decrease in other operating net position	4,264		4,264
Net cash provided (used) by operating activities	<u>\$553,708</u>	<u>\$1,259,038</u>	<u>\$1,812,746</u>

**AGENCY FUNDS
COMBINING STATEMENT OF CHANGES IN ASSETS AND LIABILITIES
FOR THE YEAR ENDED DECEMBER 31, 2017**

	Balance December 31 2016	Additions	Deductions	Balance December 31 2017
<u>PAYROLL WITHHOLDING FUND</u>				
ASSETS - Cash	\$550,339	\$13,051,864	\$12,990,443	\$611,760
LIABILITIES - Withholdings payable	\$550,339	\$13,051,864	\$12,990,443	\$611,760
<u>MUNICIPAL COURT FUND</u>				
ASSETS - Investments with fiscal agent	\$303,120	\$3,497,530	\$3,558,048	\$242,602
LIABILITIES - Undistributed moneys	\$303,120	\$3,497,530	\$3,558,048	\$242,602
<u>UNCLAIMED MONEY AND OTHER MISCELLANEOUS FUND</u>				
ASSETS - Cash	\$39,081	\$36,081	\$49,815	\$25,347
LIABILITIES				
Accounts payable	\$29,424	\$28,849	\$49,572	\$8,701
Unclaimed moneys	9,657	7,232	243	16,646
Total liabilities	\$39,081	\$36,081	\$49,815	\$25,347
<u>TOTALS - ALL AGENCY FUNDS</u>				
ASSETS				
Cash	\$589,420	\$13,087,945	\$13,040,258	\$637,107
Investments with fiscal agent	303,120	3,497,530	3,558,048	242,602
Total assets	\$892,540	\$16,585,475	\$16,598,306	\$879,709
LIABILITIES				
Accounts payable	\$29,424	\$28,849	\$49,572	\$8,701
Withholdings payable	550,339	13,051,864	12,990,443	611,760
Undistributed moneys	303,120	3,497,530	3,558,048	242,602
Unclaimed moneys	9,657	7,232	243	16,646
Total liabilities	\$892,540	\$16,585,475	\$16,598,306	\$879,709

**DEBT SCHEDULE
DECEMBER 31, 2017**

PURPOSE	Schedule of Bonds and Notes						
	Date Issued	Interest Rate	Maturity Date	Amount Issued	Amount Outstanding	Payments Due in 2018	
						Principal	Interest
General Obligation Bonds:							
Court facility refunding	2/4/2015	1.0-4.0	12/1/2024	\$2,215,000	\$1,720,000	\$230,000	\$39,700
Court facility refunding premium					54,789		
Recreation & parks improvement	5/28/2009	3.0-5.0	12/1/2028	12,300,000	8,045,000	595,000	329,018
Recreation & parks improv premium					136,157		
Fire station improvement	2/4/2015	1.0-4.0	12/1/2034	15,500,000	13,745,000	650,000	403,950
Fire station improvement premium					175,967		
Total general obligation bonds					<u>23,876,913</u>	<u>1,475,000</u>	<u>772,668</u>
Promissory Notes:							
Ohio public works commission:							
Spaulding Road	12/1/2001	0.00	7/1/2022	1,520,719	380,180	76,036	0
Bigger Road	12/1/2001	3.00	7/1/2023	511,071	186,340	28,791	5,376
County Line Widening	12/31/2002	0.00	1/1/2023	686,098	188,677	34,305	0
Ridgeway Bridge Rehab	12/31/2004	1.00	7/1/2025	380,000	161,150	19,448	1,563
Total promissory notes					<u>916,347</u>	<u>158,580</u>	<u>6,939</u>
Total					<u>\$24,793,260</u>	<u>\$1,633,580</u>	<u>\$779,607</u>



CITY OF KETTERING

STATISTICAL SECTION

This part of the City of Kettering's comprehensive annual financial report presents detailed information as a context for understanding what the information in the financial statements, note disclosures, and required supplementary information says about the City's overall financial health.

<u>Category</u>	<u>Schedule #s</u>
Financial Trends These schedules contain trend information to help the reader understand how the City's financial performance and well-being have changed over time.	1, 2, 3 & 4
Revenue Capacity These schedules contain information to help the reader assess the City's most significant local revenue source, the income tax.	5 & 6
Debt Capacity These schedules present information to help the reader assess the affordability of the City's current levels of outstanding debt and the City's ability to issue additional debt in the future.	7 & 8
Economic and Demographic Information These schedules offer economic and demographic indicators to help the reader understand the environment within which the City's financial activities take place.	9 & 10
Operating Information These schedules contain service and infrastructure data to help the reader understand how the information in the City's financial report relates to the services the City provides.	11, 12 & 13

Sources: Unless otherwise noted, the information in these schedules is derived from the comprehensive annual financial reports for the relevant year.

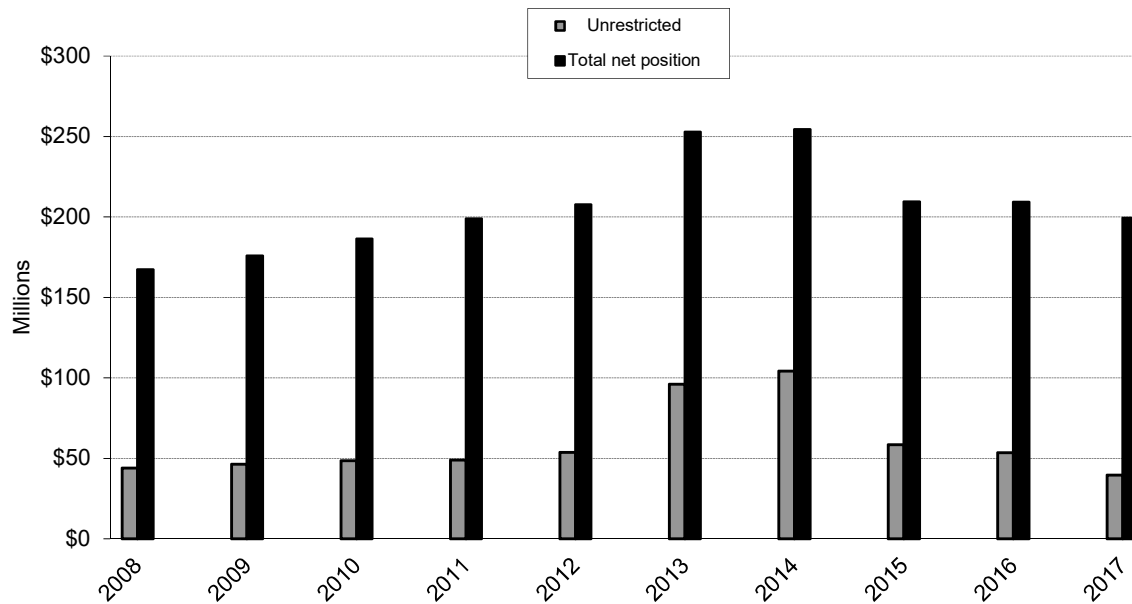
NET POSITION BY CATEGORY

LAST TEN YEARS (accrual basis of accounting)

	Year									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Governmental activities										
Net investment in capital assets	\$113,942,666	\$105,196,955	\$124,238,000	\$134,783,717	\$138,528,286	\$141,039,021	\$145,363,355	\$145,786,739	\$150,978,928	\$154,876,124
Restricted for:										
Debt service	12,367	715,127	797,685	872,911	867,379	834,621	901,840	1,116,296	1,084,375	1,024,676
Social services	1,409,593	1,691,954	1,913,673	1,858,591	1,412,417	1,654,973	1,364,088	1,394,703	1,219,193	1,303,652
Public safety	6,472,806	8,422,177	9,189,154	10,725,180	11,231,818	11,346,847	770,562	516,345	432,816	316,753
Leisure services	58,234	12,064,953	86,165	16,073	35,726	46,416	32,138	54,890	52,356	57,939
Municipal court activities	1,054,048	1,236,513	1,399,197	1,537,730	1,632,059	1,624,709	1,638,022	1,681,096	1,744,044	1,872,578
Other purposes	279,542	171,133	204,394	158,709	98,742	149,788	152,478	209,169	96,706	139,230
Unrestricted	44,019,123	46,312,490	48,507,291	48,971,606	53,724,515	96,058,893	104,189,524	58,559,952	53,535,178	39,557,527
Total net position	<u>\$167,248,379</u>	<u>\$175,811,302</u>	<u>\$186,335,559</u>	<u>\$198,924,517</u>	<u>\$207,530,942</u>	<u>\$252,755,268</u>	<u>\$254,412,007</u>	<u>\$209,319,190</u>	<u>\$209,143,596</u>	<u>\$199,148,479</u>

Note: Accounting standards require that net position be reported in three components in the financial statements: net investment in capital assets; restricted; and unrestricted. Net position is considered restricted when (1) and external party, such as the state or federal government, places a restriction on how the resources may be used, or (2) enabling legislation is enacted by the city.

Net Position (accrual basis)



CITY OF KETTERING, OHIO

SCHEDULE 2

CHANGES IN NET POSITION
LAST TEN YEARS (accrual basis of accounting)

	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
Expenses										
General government	\$13,755,091	\$13,175,646	\$12,813,463	\$13,824,699	\$14,533,955	\$14,294,069	\$15,387,775	\$15,594,623	\$15,634,860	\$17,835,211
Police	13,760,327	13,658,265	14,161,364	14,346,393	14,631,811	14,806,948	15,015,613	15,855,597	17,158,438	15,327,428
Fire	9,666,999	9,968,087	10,504,095	10,533,420	10,903,086	11,303,884	11,574,483	12,238,987	14,562,573	19,797,057
Public works	13,404,095	12,901,084	13,425,510	13,388,960	14,186,561	13,726,430	14,548,773	14,824,412	14,974,876	17,497,488
Leisure services	13,254,478	12,836,109	13,038,928	13,840,098	14,030,681	14,949,267	15,285,794	15,228,586	17,396,893	19,179,484
Interest on long term debt	1,144,483	504,262	671,334	635,755	585,092	547,172	526,129	928,772	840,510	799,738
Total expenses	<u>64,985,473</u>	<u>63,043,453</u>	<u>64,614,694</u>	<u>66,569,325</u>	<u>68,871,186</u>	<u>69,627,770</u>	<u>72,338,567</u>	<u>74,670,977</u>	<u>80,568,150</u>	<u>90,436,406</u>
Program Revenues										
Charges for services:										
General government	2,644,901	2,443,428	2,475,623	2,428,295	2,530,640	2,377,070	2,321,931	2,676,780	2,600,210	2,585,743
Fire	1,522,104	1,430,458	1,407,084	1,638,795	1,529,866	1,444,912	1,511,654	1,604,628	1,618,549	1,188,940
Leisure services	6,439,659	6,001,520	6,142,517	6,650,937	6,999,653	7,222,684	7,643,607	7,523,924	8,187,761	6,928,426
Other activities	85,171	63,138	42,761	40,415	48,366	57,993	47,542	38,660	37,977	47,917
Operating grants and contributions	2,367,960	1,484,287	1,594,869	725,501	1,431,456	1,790,624	1,434,454	2,188,592	1,712,929	1,516,856
Capital grants and contributions:										
Public works	1,677,377	3,692,950	4,944,692	9,465,720	4,812,912	5,000,557	2,922,365	1,290,531	3,950,236	4,052,442
Other activities	36,521	163,106	1,286,315	584,159	771,398	271,331	72,935	26,296	20,815	0
Total program revenues	<u>14,773,693</u>	<u>15,278,887</u>	<u>17,893,861</u>	<u>21,533,822</u>	<u>18,124,291</u>	<u>18,165,171</u>	<u>15,954,488</u>	<u>15,349,411</u>	<u>18,128,477</u>	<u>16,320,324</u>
Net (Expense)/Revenue ¹										
General government	(10,308,033)	(9,710,841)	(7,945,813)	(10,483,009)	(10,504,831)	(10,730,626)	(12,330,676)	(11,520,415)	(11,958,063)	(14,396,714)
Police	(13,656,869)	(13,526,758)	(14,120,321)	(14,293,832)	(14,558,780)	(14,768,131)	(14,957,063)	(15,802,411)	(17,124,082)	(15,254,234)
Fire	(8,144,890)	(8,537,529)	(9,096,708)	(8,894,525)	(9,373,220)	(9,858,972)	(10,060,676)	(10,600,358)	(12,941,202)	(18,604,992)
Public works	(10,692,207)	(9,200,350)	(8,464,176)	(3,917,494)	(9,360,343)	(8,703,648)	(11,616,128)	(13,511,013)	(11,009,852)	(13,427,286)
Leisure services	(6,265,298)	(6,284,826)	(6,422,481)	(6,810,888)	(6,364,629)	(6,854,050)	(6,893,407)	(6,958,597)	(8,565,964)	(11,633,118)
Interest on long term debt	(1,144,483)	(504,262)	(671,334)	(635,755)	(585,092)	(547,172)	(526,129)	(928,772)	(840,510)	(799,738)
Total net expense	<u>(50,211,780)</u>	<u>(47,764,566)</u>	<u>(46,720,833)</u>	<u>(45,035,503)</u>	<u>(50,746,895)</u>	<u>(51,462,599)</u>	<u>(56,384,079)</u>	<u>(59,321,566)</u>	<u>(62,439,673)</u>	<u>(74,116,082)</u>
General Revenues										
Taxes										
Income taxes	38,381,641	34,846,179	37,352,248	36,303,996	42,345,005	39,240,269	42,905,808	44,596,261	47,782,561	48,736,262
Property taxes, levied for general purposes	8,220,419	8,094,861	8,117,860	7,920,953	7,278,599	7,161,176	5,821,692	5,585,311	5,672,208	5,645,036
Property taxes, levied for debt service	1,303,288	1,252,025	1,276,080	975,771	897,462	883,105	763,381	735,848	747,707	744,124
Other taxes	8,607,168	7,464,283	7,630,175	10,292,717	6,253,383	47,022,663	4,782,894	3,897,584	3,771,345	3,713,967
Investment earnings	1,954,419	2,963,720	1,173,152	629,983	791,959	305,672	563,252	651,249	1,038,317	1,022,835
Refunds & reimbursements	1,296,369	1,484,720	1,516,425	1,271,393	1,801,694	1,938,118	1,936,888	1,798,358	1,736,932	2,321,113
Miscellaneous	253,928	221,701	179,150	229,648	186,924	135,922	1,266,903	1,576,009	1,515,009	1,937,628
Total general revenues	<u>60,017,232</u>	<u>56,327,489</u>	<u>57,245,090</u>	<u>57,624,461</u>	<u>59,555,026</u>	<u>96,686,925</u>	<u>58,040,818</u>	<u>58,840,620</u>	<u>62,264,079</u>	<u>64,120,965</u>
Change in Net Position	<u>\$9,805,452</u>	<u>\$8,562,923</u>	<u>\$10,524,257</u>	<u>\$12,588,958</u>	<u>\$8,808,131</u>	<u>\$45,224,326</u>	<u>\$1,656,739</u>	<u>(\$480,946)</u>	<u>(\$175,594)</u>	<u>(\$9,995,117)</u>

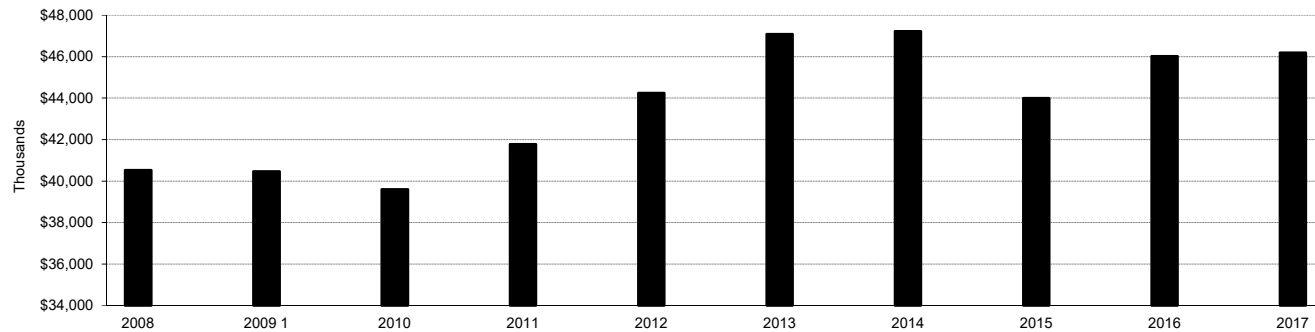
(1) Net (expense)/revenue is the difference between the expenses and program revenues of a function or program. It indicates the degree to which a function or program is supported with its own fees and program-specific grants versus its reliance upon funding from taxes and other general revenues. Numbers in parentheses indicate that expenses were greater than program revenues and therefore general revenues were needed to finance that function or program. Numbers without parentheses mean that program revenues were more than sufficient to cover expenses.

FUND BALANCES, GOVERNMENTAL FUNDS
LAST TEN YEARS (modified accrual basis of accounting)

	Year									
	2008	2009 ¹	2010	2011	2012	2013	2014	2015	2016	2017
General Fund										
Reserved	\$873,976									
Unreserved	39,652,679									
Nonspendable		\$20,601	\$24,580	\$23,113	\$16,988	\$18,449	\$256,066	\$1,458,395	\$3,018,822	\$6,685,095
Committed		851,917	642,664	621,688	1,517,592	2,178,599	2,570,595	5,758,268	4,676,778	1,997,648
Assigned		237,019	104,717					5,752,730	5,056,600	5,689,530
Unassigned		39,347,709	38,823,402	41,119,258	42,706,182	44,877,690	44,395,102	31,021,920	33,259,603	31,806,730
Total general fund	\$40,526,655	\$40,457,246	\$39,595,363	\$41,764,059	\$44,240,762	\$47,074,738	\$47,221,763	\$43,991,313	\$46,011,803	\$46,179,003
All Other Governmental Funds										
Reserved	\$3,621,226									
Unreserved, reported in:										
Special revenue funds	7,336,947									
Debt service fund	12,367									
Capital project fund	19,910									
Nonspendable, reported in:										
Special revenue funds		\$205,878	\$145,322	\$149,325	\$147,470	\$205,180	\$493,470	\$260,042	\$304,729	\$239,859
Restricted, reported in:										
Special revenue funds		10,998,459	12,249,153	13,930,248	14,101,831	14,275,357	3,693,414	3,657,802	3,271,410	3,421,958
Debt service fund		715,127	797,685	872,911	867,379	834,621	901,840	1,116,296	1,084,375	1,024,676
Capital project fund		12,012,909	6,834,838					5,519,305	59,300	
Committed, reported in:										
Special revenue funds		1,802,782	2,266,782	2,645,510	3,169,632	3,660,390	4,547,399	4,970,215	4,829,640	3,200,811
Capital project fund		4,101,197	5,956,668	4,161,787	2,022,492	41,243,102	46,848,146	47,224,420	41,227,972	35,927,245
Unassigned, reported in:										
Special revenue funds		(427,369)	(379,052)	(501,760)		(242,312)	(111,184)			
Total all other governmental funds	\$10,990,450	\$29,408,983	\$27,871,396	\$21,258,021	\$20,308,804	\$59,976,338	\$56,373,085	\$62,748,080	\$50,777,426	\$43,814,549

General Fund Balance

(1) Fund balance classifications changed in 2009 due to the adoption of GASB Statement No. 54.

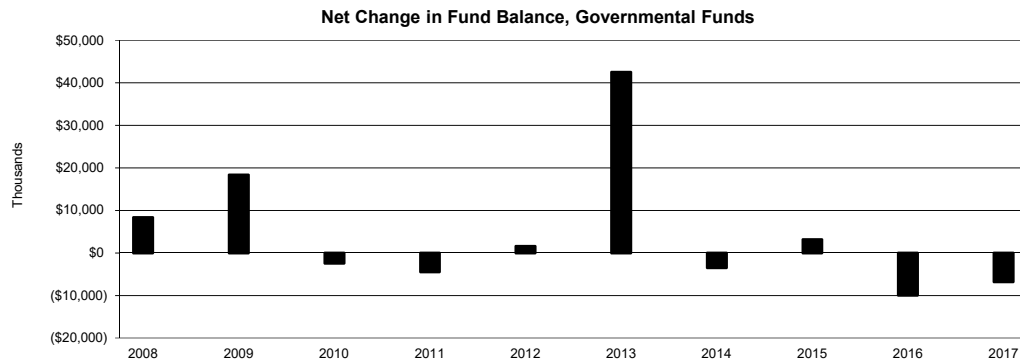


CITY OF KETTERING, OHIO

SCHEDULE 4

**CHANGES IN FUND BALANCES, GOVERNMENTAL FUNDS
LAST TEN YEARS (modified accrual basis of accounting)**

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
REVENUES										
Income taxes	\$38,244,422	\$35,321,466	\$36,417,018	\$37,392,845	\$39,891,659	\$39,386,072	\$41,624,574	\$44,120,027	\$46,876,012	\$48,734,275
Property taxes	9,399,507	9,345,887	9,391,640	8,970,024	8,131,160	8,043,981	7,649,073	6,321,159	6,419,914	6,389,161
Licenses and permits	626,290	528,823	491,322	459,696	525,190	538,267	524,535	716,026	639,347	605,589
Intergovernmental revenue	10,158,897	11,890,457	14,648,675	20,011,549	11,090,451	50,075,115	7,781,607	6,783,492	8,701,687	8,372,958
Charges for services	8,152,788	7,663,257	7,730,157	8,352,103	8,794,951	8,937,684	9,349,002	9,370,812	9,978,265	8,638,316
Fines and forfeits	1,867,005	1,780,070	1,835,344	1,828,209	1,837,695	1,640,474	1,586,868	1,732,868	1,719,753	1,771,799
Investment earnings	1,954,417	2,963,721	1,173,151	629,984	791,959	305,673	563,252	651,249	1,038,318	1,022,836
Special assessments	1,024,719	1,006,879	1,019,237	924,751	965,122	961,250	934,463	1,015,407	1,080,565	1,220,260
Refunds and reimbursements	2,898,427	2,101,691	2,931,420	2,181,056	2,227,342	2,884,888	2,674,641	2,497,078	2,386,191	2,997,010
Miscellaneous	691,840	555,813	560,693	523,814	754,921	737,739	812,423	1,146,765	1,056,410	1,123,573
Total revenues	75,018,312	73,158,064	76,198,657	81,274,031	75,010,450	113,511,143	73,500,438	74,354,883	79,896,462	80,875,777
EXPENDITURES										
Current:										
General government	12,558,705	12,153,096	12,476,529	12,050,675	12,553,463	12,815,451	13,863,291	14,845,101	14,057,455	14,866,775
Police	13,576,481	13,641,191	13,976,571	14,398,245	14,822,534	14,957,275	15,117,925	16,152,056	16,408,363	16,400,519
Fire	9,553,065	9,564,579	11,028,998	10,357,123	10,794,655	10,935,461	12,648,860	12,324,248	12,709,452	14,301,238
Public works	10,145,609	8,514,496	8,391,628	8,631,543	8,395,339	8,314,119	9,072,077	9,664,515	9,365,153	9,559,765
Leisure services	12,487,222	12,084,992	12,173,718	12,450,737	12,551,728	13,361,686	13,727,217	13,727,146	15,247,453	14,576,209
Capital improvements	6,652,398	10,221,062	18,983,100	25,101,663	13,270,898	9,546,221	11,342,544	18,193,929	20,114,999	16,332,880
Debt service:										
Principal	642,739	775,290	1,021,134	1,062,000	1,092,888	848,799	869,735	1,440,945	1,547,660	1,587,541
Interest	1,140,310	463,231	672,521	637,150	599,394	559,885	539,555	824,584	874,380	834,945
Total expenditures	66,756,529	67,417,937	78,724,199	84,689,136	74,080,899	71,338,897	77,181,204	87,172,524	90,324,915	88,459,872
Excess (deficiency) of revenues over expenditures	8,261,783	5,740,127	(2,525,542)	(3,415,105)	929,551	42,172,246	(3,680,766)	(12,817,641)	(10,428,453)	(7,584,095)
OTHER FINANCING SOURCES (USES)										
Transfers in	9,835,396	15,445,122	15,221,132	10,508,166	11,903,130	10,434,938	24,189,786	17,163,833	14,561,565	17,159,382
Transfers out	(9,835,396)	(15,445,122)	(15,221,132)	(11,658,166)	(11,903,130)	(10,434,938)	(24,189,786)	(17,163,833)	(14,561,565)	(17,159,382)
General obligation debt issuance		12,539,751						15,734,713		
Sale of city assets	56,640	69,246	126,073	120,426	597,935	329,264	224,538	227,473	478,289	788,418
Net change in fund balance	<u>\$8,318,423</u>	<u>\$18,349,124</u>	<u>(\$2,399,469)</u>	<u>(\$4,444,679)</u>	<u>\$1,527,486</u>	<u>\$42,501,510</u>	<u>(\$3,456,228)</u>	<u>\$3,144,545</u>	<u>(\$9,950,164)</u>	<u>(\$6,795,677)</u>
Debt service as a percentage of noncapital expenditures	2.96%	2.16%	2.85%	2.79%	2.72%	2.25%	2.18%	3.31%	3.42%	3.51%

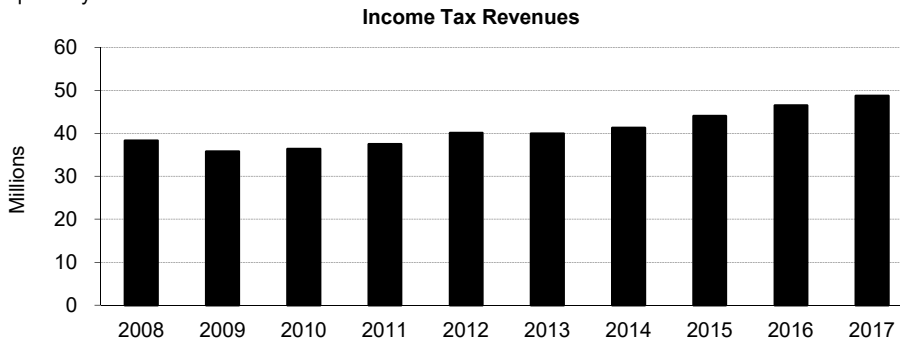


INCOME TAX BY PAYER TYPE AND INCOME TAX RATE
LAST TEN YEARS (cash basis of accounting)

Year	Individual		Total Individual	Corporate	Partnership	Total	Income Tax Rate
	Withholding	Non-withholding					
2008	30,332,016	4,067,241	34,399,257	2,840,391	1,068,253	38,307,901	2.25%
2009	28,511,501	3,837,474	32,348,975	1,782,656	1,616,788	35,748,419	2.25%
2010	28,673,437	3,871,009	32,544,446	2,712,061	1,122,567	36,379,074	2.25%
2011	29,645,857	4,084,942	33,730,799	2,704,278	1,013,804	37,448,881	2.25%
2012	30,426,208	4,607,103	35,033,311	3,489,120	1,522,725	40,045,156	2.25%
2013	30,215,329	4,921,938	35,137,267	3,192,769	1,570,281	39,900,317	2.25%
2014	31,236,752	4,837,510	36,074,262	3,546,291	1,621,034	41,241,587	2.25%
2015	32,904,326	5,324,890	38,229,216	4,202,997	1,558,207	43,990,420	2.25%
2016	34,344,622	5,749,565	40,094,187	4,747,831	1,676,035	46,518,053	2.25%
2017	36,317,008	5,029,203	41,346,211	5,520,450	1,823,618	48,690,279	2.25%

Source: City of Kettering, Ohio, Finance Department

The City levies a 2.25% income tax on substantially all income earned within the City. Additional increases in the income tax rate require voter approval. City residents pay City income tax on income earned outside the City, however; a credit is allowed for income taxes paid to other municipalities. Employers within the City withhold income tax on employee compensation and remit at least quarterly.



PERCENTAGES OF INCOME TAX BY PAYER TYPE FOR TOP TEN PAYERS
CURRENT YEAR AND TEN YEARS AGO (cash basis of accounting)

	2017					
	Individual		Total Individual	Corporate	Partnership	Total
	Withholding	Non-withholding				
Top Ten	15,714,408	206,843	15,921,251	3,747,886	1,107,726	20,776,863
All Others	20,602,600	4,822,360	25,424,960	1,772,564	715,892	27,913,416
Top Ten % of Total	43.3%	4.1%	38.5%	67.9%	60.7%	42.7%

	2007					
	Individual		Total Individual	Corporate	Partnership	Total
	Withholding	Non-withholding				
Top Ten	14,856,488	109,566	14,966,054	352,917	302,173	15,621,144
All Others	17,156,383	2,872,498	20,028,881	871,077	213,336	21,113,294
Top Ten % of Total	46.4%	3.7%	42.8%	28.8%	58.6%	42.5%

Source: City of Kettering, Ohio, Finance Department

Due to legal restrictions and confidentiality requirements, the City cannot disclose the amount of income tax by taxpayer.

CITY OF KETTERING, OHIO

SCHEDULE 7

RATIOS OF OUTSTANDING DEBT BY TYPE AND LEGAL DEBT MARGINS - LAST TEN YEARS

	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
General Obligation Bonds	\$3,879,270	\$15,689,899	\$14,963,217	\$14,204,735	\$13,425,000	\$12,750,000	\$12,055,000	\$26,325,000	\$25,337,079	\$23,876,912
Percent of estimated actual property value	0.10%	0.44%	0.42%	0.41%	0.42%	0.40%	0.38%	0.87%	0.84%	0.79%
Per capita	67	273	266	253	239	227	215	469	451	425
Special Assessment Bonds	510,730	395,101	271,783	140,265						
Promissory Notes	2,442,338	2,272,048	2,100,914	1,928,915	1,756,027	1,582,228	1,407,493	1,236,548	1,073,888	916,347
Total Gross Indebtedness	6,832,338	18,357,048	17,335,914	16,273,915	15,181,027	14,332,228	13,462,493	27,561,548	26,410,967	24,793,259
Percentage of personal income	0.35%	1.02%	0.93%	0.85%	0.77%	0.73%	0.67%	1.33%	1.21%	1.10%
Per capita	119	319	309	290	270	255	240	491	470	441
Less debt outside limitations:										
Special Assessment Debt	510,730	395,101	271,783	140,265						
Promissory Notes	2,442,338	2,272,048	2,100,914	1,928,915	1,756,027	1,582,228	1,407,493	1,236,548	1,073,888	916,347
Less debt service fund balance	12,367	715,127	797,685	872,911	867,379	834,621	901,840	1,116,296	1,084,375	1,024,676
Net debt within limitations for both Voted and Unvoted debt	3,866,903	14,974,772	14,165,532	13,331,824	12,557,621	11,915,379	11,153,160	25,208,704	24,252,704	22,852,236
Debt limitation for both Voted and Unvoted debt 10.5% of assessed valuation	131,355,181	129,749,975	131,262,545	128,476,660	117,348,942	117,738,192	116,866,227	111,440,775	111,308,207	111,698,952
Legal debt margin for Voted and Unvoted debt	\$127,488,278	\$114,775,203	\$117,097,013	\$115,144,836	\$104,791,321	\$105,822,813	\$105,713,067	\$86,232,071	\$87,055,503	\$88,846,716
Net debt within limitations for both Voted and Unvoted debt as a percentage of debt limit	2.94%	11.54%	10.79%	10.38%	10.70%	10.12%	9.54%	22.62%	21.79%	20.46%
Net debt within limitations for both Voted and Unvoted limitation	\$3,866,903	\$14,974,772	\$14,165,532	\$13,331,824	\$12,557,621	\$11,915,379	\$11,153,160	\$25,208,704	\$24,252,704	\$22,852,236
Less voted debt	0	12,075,000	11,625,000	11,160,000	10,685,000	10,190,000	9,685,000	9,160,000	8,763,145	8,181,157
Net debt within limitations for Unvoted debt	3,866,903	2,899,772	2,540,532	2,171,824	1,872,621	1,725,379	1,468,160	16,048,704	15,489,559	14,671,079
Debt limitation for Unvoted debt 5.5% of assessed valuation	68,805,095	67,964,273	68,756,571	67,297,298	61,468,493	61,672,386	61,215,643	58,373,739	58,304,299	58,508,975
Legal debt margin for Unvoted debt	\$64,938,192	\$65,064,501	\$66,216,039	\$65,125,474	\$59,595,872	\$59,947,007	\$59,747,483	\$42,325,035	\$42,814,740	\$43,837,896
Net debt within limitations for Unvoted debt as a percentage of debt limit	5.62%	4.27%	3.69%	3.23%	3.05%	2.80%	2.40%	27.49%	26.57%	25.07%

Source: City of Kettering, Ohio, Finance Department

DIRECT AND OVERLAPPING DEBT
DECEMBER 31, 2017

Jurisdiction	Debt Outstanding	Percentage Applicable to City of Kettering ¹	Amount Applicable to City of Kettering
City of Kettering	\$24,793,260	100.0%	\$24,793,260
Overlapping debt:			
Kettering City School District	63,945,000	90.5%	57,870,225
Montgomery County	17,430,000	11.7%	2,039,310
Beavercreek Local School District	81,949,000	0.8%	655,592
Total overlapping debt	163,324,000		60,565,127
Total direct and overlapping debt	\$188,117,260		\$85,358,387

Source: Individual jurisdictions.

(1) The percentage of overlapping debt applicable is estimated using assessed property values. Applicable percentages were estimated by determining the portion of another governmental unit's assessed value that is within the City's boundaries and dividing it by each unit's total assessed value.

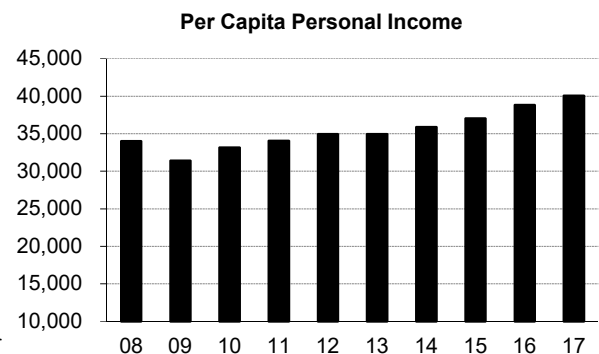
Individual jurisdictions with immaterial amounts of overlapping debt are excluded from this table.

SCHEDULE 9

DEMOGRAPHIC AND ECONOMIC STATISTICS
LAST TEN YEARS

Year	Population ¹	Personal Income ²	Per capita Personal Income ^{1,2}	Unemployment Rate ³	Avg Sale Price for a Single Family Home ⁴	Total Assessed Property Value ⁵	Estimated Actual Property Value ⁵
2008	57,502	1,952,885,850	33,962	6.2%	124,105	1,251,001,727	3,906,048,887
2009	57,502	1,803,685,371	31,367	9.8%	121,340	1,235,714,050	3,567,340,682
2010	56,163	1,859,630,280	33,111	9.9%	125,734	1,250,119,480	3,583,279,738
2011	56,163	1,909,460,933	33,999	8.2%	108,793	1,223,587,240	3,490,854,036
2012	56,163	1,960,626,848	34,910	7.0%	110,466	1,117,608,970	3,187,939,565
2013	56,163	1,960,626,848	34,910	7.1%	114,781	1,118,117,290	3,189,050,388
2014	56,163	2,012,910,298	35,841	5.1%	116,414	1,113,011,690	3,173,886,488
2015	56,163	2,077,748,043	36,995	4.1%	134,150	1,061,340,710	3,026,043,126
2016	56,163	2,179,108,736	38,800	4.1%	139,320	1,060,078,160	3,022,293,674
2017	56,163	2,247,155,918	40,011	4.2%	142,952	1,063,799,540	3,032,476,036

- (1) 2000 & 2010 United States Census Bureau.
- (2) City of Kettering, Ohio, Finance Department.
- (3) Ohio Bureau of Employment Services.
- (4) Dayton Area Board of Realtors, Dayton, Ohio.
- (5) Montgomery County, Ohio, Auditor's Office.



PRINCIPAL EMPLOYERS
CURRENT YEAR AND TEN YEARS AGO

Employer	2017		2007	
	Employees	% of Total City Employment	Employees	% of Total City Employment
Kettering Medical Center	3,570	12.44%	Kettering Medical Center	3,100 10.73%
Synchrony Financial	2,000	6.97%	GE Money ²	1,700 5.88%
Reynolds & Reynolds Company	1,350	4.70%	Reynolds & Reynolds Company	1,076 3.72%
Kettering City Schools	1,032	3.60%	Kettering City Schools	1,055 3.65%
Limited Brands Inc.	1,000	3.48%	Intimate Brands Inc ¹	1,000 3.46%
City of Kettering	569	1.98%	City of Kettering	900 3.11%
Meijer Inc.	550	1.92%	Delphi Automotive Systems	701 2.43%
Tenneco	522	1.82%	Kodak Versamark	700 2.42%
Kroger	420	1.46%	Meijer Inc.	550 1.90%
Total	11,013	38.37%	Total	10,782 37.30%

Source: City of Kettering, Ohio, Office of Economic Development

(1) Limited Brands Inc. owns Intimate Brands Inc

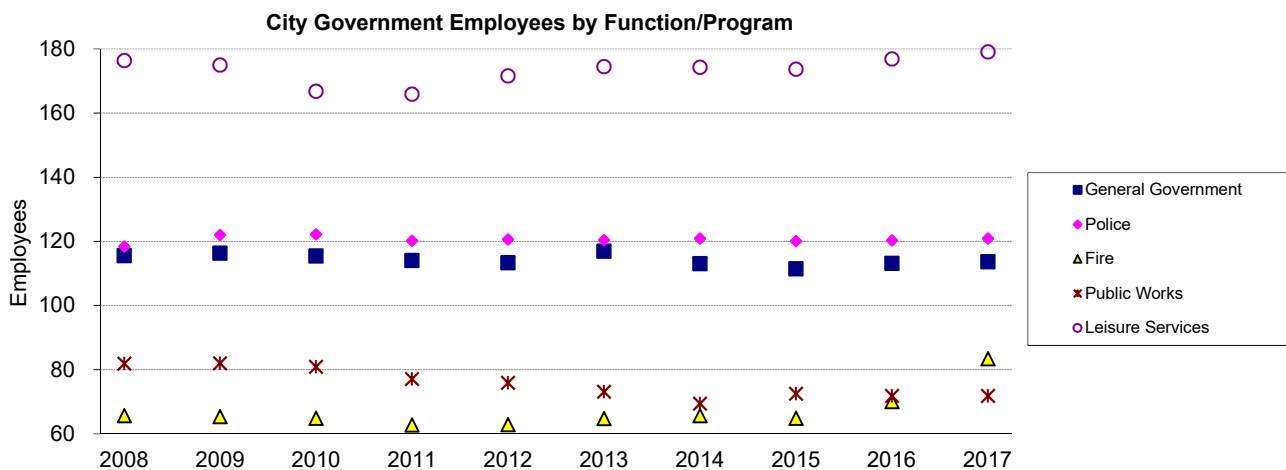
(2) GE Money is now Synchrony Financial

SCHEDULE 11

CITY GOVERNMENT EMPLOYEES BY FUNCTION/PROGRAM (full-time equivalents)
LAST TEN YEARS

Function/program	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
General Government	115.5	116.3	115.4	114.0	113.3	116.9	113.0	111.4	113.1	113.6
Police	118.4	122.0	122.2	120.2	120.6	120.4	120.9	120.1	120.3	120.9
Fire	65.6	65.3	64.8	62.7	62.9	64.7	65.7	64.8	70.0	83.4
Public Works	81.9	82.0	80.9	77.1	75.9	73.2	69.4	72.5	71.8	71.9
Leisure Services	176.4	175.0	166.8	165.9	171.5	174.5	174.3	173.7	176.9	179.0
Total	557.8	560.6	550.3	539.8	544.2	549.6	543.2	542.5	552.1	568.8

Source: City of Kettering, Ohio, Finance Department



OPERATING INDICATORS BY FUNCTION/PROGRAM
LAST TEN YEARS

<u>Function/program</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
General Government										
Positions filled ¹	26	10	7	14	21	26	24	38	38	36
Permits issued ²	2,779	2,467	2,857	2,773	2,520	2,705	3,249	2,679	3,180	3,975
Inspections performed ²	6,871	6,254	7,101	5,933	6,100	6,118	6,115	6,260	7,024	8,424
CDBG loan applications ³	86	53	60	44	60	36	51	75	62	58
Payroll checks processed ⁴	20,819	20,955	20,873	20,629	20,873	20,712	21,287	22,310	21,350	21,446
Purchase orders issued ⁵	2,281	2,166	1,978	2,158	2,000	2,051	2,030	1,984	1,880	2,156
Ordinances & resolutions ⁶	211	236	198	175	201	162	172	185	182	210
Court cases ⁷	22,051	20,657	19,903	20,049	18,640	17,630	16,710	14,970	15,739	15,499
Police										
Criminal arrests ⁸	2,762	2,710	2,813	3,171	3,400	3,201	3,059	3,299	4,059	4,414
Calls for service ⁹	65,131	62,172	61,684	67,331	66,441	64,962	60,686	61,085	68,614	73,752
Fire										
Fire alarms ¹⁰	1,544	1,599	1,603	1,960	1,786	1,990	1,664	1,851	1,719	1,816
Medic alarms ¹⁰	5,896	5,485	5,600	5,557	5,565	5,490	6,192	6,596	6,925	7,109
Public Works										
Asphalt resurfacing (miles) ¹¹	7	10	11	14	9	10	10	9	18	18
Truckloads of leaves picked-up ¹²	1,655	1,858	1,623	1,388	1,298	1,540	1,660	1,525	1,358	1,166
Tons of snow melting salt used ¹²	6,341	3,368	5,917	4,708	1,603	5,529	5,397	3,808	3,655	1,222
Leisure Services										
Recreation complex attendance ¹³	1,175,368	1,110,815	1,168,708	981,121	1,046,817	1,009,534	927,240	887,967	835,631	787,307
Fraze Pavilion tickets sold ¹³	90,825	87,969	82,511	92,883	90,343	97,973	101,012	100,762	94,210	83,051

- (1) City of Kettering, Human Resources Department
(2) City of Kettering, Planning and Development Dept. Permits and inspections performed include Building, Electrical, Plumbing & Heating.
(3) City of Kettering, Planning and Development Department. Community Development Block Grant (CDBG) loan applications processed include housing rehabilitation, purchase rehabilitation, and business loan applications.
(4) City of Kettering, Finance Department. Payroll checks include electronic funds transfers processed for payroll.
(5) City of Kettering, Finance Department.
(6) City of Kettering, Law Department
(7) City of Kettering, Municipal Court
(8) City of Kettering, Police Department. Criminal arrests include arrests by detective section and patrol.
(9) City of Kettering, Police Department.
(10) City of Kettering, Fire Department.
(11) City of Kettering, Public Service Department, Engineering Division
(12) City of Kettering, Public Service Department, Street Division
(13) City of Kettering, Parks, Recreation, and Cultural Arts Department

SCHEDULE 13

CAPITAL ASSET AND INFRASTRUCTURE STATISTICS BY FUNCTION/PROGRAM
LAST TEN YEARS

<u>Function/program</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
General Government										
Square footage occupied ¹	54,933	54,933	54,933	54,933	54,933	54,933	54,933	54,933	54,933	54,933
Police										
Stations ¹	1	1	1	1	1	1	1	1	1	1
Square footage of building ¹	16,515	16,515	16,515	16,515	16,515	16,515	16,515	16,515	16,515	16,515
Fire										
Stations ¹	7	7	7	7	7	6	6	5	5	5
Public Works										
Miles of roads ²	246	246	246	246	247	248	248	248	248	248
Miles of storm sewer/channel ²	175	175	175	175	175	175	175	176	176	176
Leisure Services										
Number of parks ³	21	21	21	21	21	21	21	21	21	21
Area of parks (acres) ³	419	419	419	419	419	419	419	419	419	419
Recreation complexes square ft ¹	153,512	153,512	161,119	161,119	161,119	161,119	161,119	161,119	161,119	161,119

- (1) City of Kettering, Facilities Department
(2) City of Kettering, Public Service Department, Engineering Division
(3) City of Kettering, Parks, Recreation, and Cultural Arts Department