
City of Pontiac General Employees'
Retirement System

**Financial Report
with Supplemental Information
December 31, 2020**

City of Pontiac General Employees' Retirement System

Contents

Independent Auditor's Report	1-2
Management's Discussion and Analysis	3-5
Basic Financial Statements	
Statement of Fiduciary Net Position	6
Statement of Changes in Fiduciary Net Position	7
Notes to Financial Statements	8-17
Required Supplemental Information	18
Schedule of Changes in the Net Pension Asset and Related Ratios	19
Schedule of City Contributions	20
Schedule of Investment Returns	21
Notes to Pension Required Supplemental Information Schedules	22-23

Independent Auditor's Report

To the Board of Trustees
City of Pontiac General Employees'
Retirement System

Report on the Financial Statements

We have audited the accompanying statement of fiduciary net position and the related statement of changes in fiduciary net position of the City of Pontiac General Employees' Retirement System (the "System") as of and for the year ended December 31, 2020, which collectively comprise the System'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 an opinion 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. 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 opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the fiduciary net position of the City of Pontiac General Employees' Retirement System as of December 31, 2020 and the changes in its fiduciary net position thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

To the Board of Trustees
City of Pontiac General Employees'
Retirement System

Other Matter

Required Supplemental Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and required supplemental information, as identified 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, which 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 supplemental 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.

Plante & Moran, PLLC

June 7, 2021

City of Pontiac General Employees' Retirement System

Management's Discussion and Analysis

Using this Annual Report

This annual report consists of three parts: (1) management's discussion and analysis (this section), (2) the basic financial statements, and (3) required supplemental information. The financial statements also include notes that explain some of the information in the financial statements and provide more detailed data. The financial statements are followed by a section of required supplemental information that further explains and supports the information in the financial statements.

Condensed Financial Information

The table below compares key financial information in a condensed format between the current year and the prior year:

	2020	2019
Total assets	\$ 550,774,629	\$ 513,574,732
Total liabilities	875,253	757,464
Net Position Restricted for Pensions	\$ 549,899,376	\$ 512,817,268
Net Investment Income	\$ 65,127,780	\$ 87,393,680
Other- Miscellaneous and litigation revenue	107,539	55,649
Retiree pension and annuity benefits	(27,500,762)	(28,114,053)
General and administrative expenses	(652,449)	(691,928)
Net increase in net position restricted for pensions	\$ 37,082,108	\$ 58,643,348

Overall Fund Structure and Objectives

The City of Pontiac General Employees' Retirement System (the "System") exists to pay benefits to its members and retirees. Active members earn service credit that entitles them to receive benefits in the future. As a result of the System's funding status there are no actuarially required contributions which has resulted in benefits payments exceeding contribution revenue. The excess of benefits over contributions must be funded through investment income. The public capital markets represent the primary source of investments.

Asset Allocation

The System has established asset allocation policies that are expected to deliver sufficient investment income over a very long period of time to satisfy the obligations to pay the benefits promised to the members of the System. The following is a summary of the adopted asset allocation as of December 31, 2020:

Domestic equities	50%
Domestic fixed income	25%
International equities	5%
Emerging markets	5%
Real estate	10%
Private equity	5%
Cash	0%

City of Pontiac General Employees' Retirement System

Management's Discussion and Analysis

Investment Results

The year 2020 proved to be one of the most tumultuous in modern history, marked by a number of developments that were historically unprecedented. The novel coronavirus was already in the news early in the year, and concerns grew as more countries began reporting their first cases of COVID-19. Starting in February, the speed with which things changed was unprecedented. The pandemic and subsequent shutdown of the global economy caused the capital market to seize, and assets found themselves in the quickest bear market ever. In March, the World Health Organization declared a global pandemic as the spread of the virus reached more than 100 countries, with more than 100,000 reported cases. By mid-March, President Trump declared a state of national emergency. World economies and stock markets were rocked by the spread of the COVID-19 virus leading to major market sell-offs, plunging stocks well below their 2019 values.

The year was characterized by sharp swings for stocks. March saw the S&P 500 Indices decline reach 33.79% from the previous high as the pandemic worsened. The U.S. first-quarter gross domestic product decelerated at a rate of -5%, only to be outdone by a second-quarter deceleration of -31.4%. The response by fiscal and monetary authorities globally was not only the fastest we have ever seen, but the size was at a scale unfathomable before. In April, stocks rallied and reached their previous highs by August.

On top of the health crisis, there was widespread civil unrest over the summer tied to policing and racial justice. In August, Americans increasingly focused on the US presidential race in this unusual year. Politicians, supporters, and voting officials wrestled with the challenges of a campaign that at times was conducted virtually and with an election in the fall that would include a heightened level of mail-in and early voting. In the end, the results of the election would be disputed well into December. The year 2020 would end with both troubling and hopeful news: yet another spike in COVID-19 cases, the first deliveries of vaccines and a new president-elect.

Ultimately, despite a sequence of epic events and continued concerns over the pandemic, global stock markets defied expectations in 2020 and were above their historical norm. The US market finished the year in record territory and with an 18.40% annual return for the S&P 500 Index. The Barclay's U.S. Aggregate Index returned 7.1%; the NCREIF ODCE (real estate) returned 12.6%; the MSCI EAFE Index (developed markets international stocks) returned 7.59%; and the MSCI Emerging Markets Index returned 18.31%. The total plan gain was 12.94% for the year.

Plan Sponsor Financial Condition/Plan Update

The settlement agreement which was reached in the retiree healthcare litigation was approved by the court in 2018. In March 2021, the IRS approved the City's request to terminate the old GERS effective March 31, 2021, establish a new GERS effective April 1, 2021 which will be 130% funded and transfer the excess assets to a newly created VEBA to provide the funding for retiree healthcare. The Retirement System Board is working closely with its professional advisors and the newly created VEBA Board to effect the transfers, which are expected to occur no later than the fourth quarter of 2021.

The System is currently overfunded and no employer contributions are required at this time. The Reestablished GERS will be significantly less overfunded. Should a contribution to the System be required in the future, there is uncertainty regarding the City's ability to make contributions to the System.

City of Pontiac General Employees' Retirement System

Management's Discussion and Analysis

Contacting the System's Management

This financial report is intended to provide a general overview of the System's finances and investment results in relation to actuarial projections. It shows the System's accountability for the money it receives from employer and employee contributions. If you have questions about this report or need additional information, we welcome you to contact the System's office at 2201 Auburn Road, Suite B, Auburn Hills, MI 48326.

City of Pontiac General Employees' Retirement System

Statement of Fiduciary Net Position

December 31, 2020

Assets

Cash and cash equivalents (Note 4)	\$ 741,322
Investments at fair value: (Notes 4 and 5)	
Short-term investments	11,795,193
Government agency notes and debentures	58,213,410
Corporate and other bonds	34,835,018
Domestic equities	304,815,937
Private equity	10,054,057
U.S. government mortgage-backed securities	18,428,932
Commercial mortgage pools	1,931,331
Limited partnerships	62,471,892
Foreign equities	46,357,910
Receivables:	
Accrued interest receivable	970,671
Other receivables	158,956
Total assets	550,774,629

Liabilities - Accounts payable and other 875,253

Net Position - Restricted for pensions \$ 549,899,376

City of Pontiac General Employees' Retirement System

Statement of Changes in Fiduciary Net Position

Year Ended December 31, 2020

Additions

Investment income (loss):	
Interest and dividends	\$ 7,200,574
Net increase in fair value of investments	60,369,392
Less investment advisor fees	<u>(2,442,186)</u>
Net investment income	65,127,780
Miscellaneous income	<u>107,539</u>
Total additions	65,235,319

Deductions

Retirees' pension benefits	27,500,762
Administrative expenses	<u>62,449</u>
Total deductions	<u>28,153,211</u>

Net Change in Fiduciary Net Position Restricted for Pensions 37,082,108

Fiduciary Net Position Restricted for Pensions - Beginning of year 512,817,268

Fiduciary Net Position Restricted for Pensions - End of year \$ 549,899,376

December 31, 2020

Note 1 - Significant Accounting Policies

Reporting Entity

The City of Pontiac, Michigan (the "City") sponsors and administers the City of Pontiac General Employees' Retirement System (the "System") (a contributory single-employer retirement plan) that covers substantially all employees and retirees of the City, except police and fire employees and retirees. The financial statements of the System are also included in the combined financial statements of the City as a pension trust fund. The assets of the pension trust fund include no securities of or loans to the City or any other related party.

Basis of Accounting

The System follows accounting principles generally accepted in the United States of America (GAAP), as applicable to governmental units. Accounting and financial reporting pronouncements are promulgated by the Governmental Accounting Standards Board (GASB).

The System's financial statements are prepared using the accrual basis of accounting. Plan member contributions are recognized in the period in which the contributions are due. Employer contributions are recognized when due pursuant to legal requirements. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan.

Methods Used to Value Investments

Investments held by the System are reported at estimated fair value. Short-term investments are reported at cost, which approximates fair value. Securities traded on a national or international exchange are valued at the last reported sales price at current exchange rates. Mortgages are valued on the basis of future principal and interest payments and are discounted at prevailing interest rates for similar instruments. Investments that do not have an established market value are reported at estimated fair value, as determined by the System's management. These estimates are determined using audited financial statements issued by the private equity companies or limited partnerships in which such investments are held, adjusted by management as deemed appropriate based on known circumstances.

Approximately 25 percent of the System's assets are not publicly traded and, therefore, do not have a readily determinable market value. Because these investments are not readily marketable, their estimated value is subject to uncertainty and, therefore, may differ significantly from the values that would have been used had a ready market for these securities existed. The difference could be material.

Note 2 - Pension Plan

Plan Administration

The System's board administers the City of Pontiac General Employees' Retirement System, a single-employer defined benefit pension plan that provides pensions for substantially all permanent full-time general employees of the City of Pontiac, Michigan, except police and fire employees. Benefit terms have been established by contractual agreements between the City of Pontiac, Michigan and the various employee union representation; amendments are subject to the same process.

The board of trustees consists of 11 members: a member of the City Council to be selected by the city council; the mayor of the City of Pontiac, Michigan; the finance director of the City of Pontiac, Michigan; three citizen appointees; three member trustees, one elected by active employees and two elected by active, deferred, and retired members; one retiree trustee elected by retirees; and one hospital member (could be deferred vested member or retired member) of the System who was formally employed by Pontiac General Hospital, elected via an election conducted by the hospital with the assistance of the retirement office.

Note 2 - Pension Plan (Continued)

Plan Membership

At December 31, 2020, pension plan membership consisted of the following:

Retirees and beneficiaries	1,063
Inactive plan members entitled to but not yet receiving benefits	109
Active plan members	26
Total employees covered by the plan	1,198

The plan is closed to all new hires after April 1, 2013, except for those new hires who are hired under the Michigan Association of Public Employees (representing the 50th District Court employees) collective bargaining agreement.

Benefits Provided

The System provides retirement benefits, as well as death and disability benefits. Employees may receive cost of living adjustments as a percentage of their retirement allowance, pursuant to the collective bargaining agreement or employment agreement in effect at their date of retirement. The obligation to contribute to and maintain the System was established by city ordinance and negotiation with the employees' collective bargaining units.

In 2013, Ordinance #2300 was passed through, and, because of this, the retirees received a \$400 per month temporary increase in pension benefits, which was slated to expire on August 31, 2015. Subsequently, the City passed Ordinance #2327, which extended the payment of the benefit through August 31, 2016; Ordinance #2337, which extended the payment of the benefit through August 31, 2017; Ordinance #2346, which extended the benefit through August 31, 2018; Ordinance #2356, to extend through August 2019; and Ordinance #2369, to extend through August 2020. During fiscal year 2020, the City issued Ordinance #2377 to extend the \$400 temporary benefit increase, which was paid out to retirees; the \$400 additional benefit will be paid through August 2021.

Contributions

Article 9, Section 24 of the State of Michigan Constitution requires that financial benefits arising on account of employee service rendered in each year be funded during that year. Accordingly, the board of trustees retains an independent actuary to determine the annual contribution. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by plan members during the year, with an additional amount to finance any unfunded accrued liability. Contribution requirements of plan members are established in accordance with city ordinance, union contracts, and plan provisions. For the year ended December 31, 2020, the active members were not required to contribute to the System. The City is required to contribute at an actuarially determined rate. In accordance with the actuary recommendation, the City did not have to make a contribution to the System in the current year. Administrative costs are financed through investment earnings.

December 31, 2020

Note 2 - Pension Plan (Continued)

Investment Policy

The System's policy in regard to the allocation of invested assets is established and may be amended by the board of trustees by a majority vote of its members. It is the policy of the board of trustees to pursue an investment strategy that manages risk through the prudent diversification of the portfolio across a broad selection of distinct asset classes. The System's investment policy discourages the use of cash equivalents, except for liquidity purposes, and aims to refrain from dramatically shifting asset class allocations over short time spans. The following was the board's adopted asset allocation policy as of December 31, 2020.

Asset Class	Target Allocation
Domestic equity - All cap	14.00 %
Domestic equity - Large cap	10.00
Domestic equity - Mid cap	15.00
Domestic equity - Small cap	11.00
International equity	5.00
Emerging markets equity	5.00
Fixed income - Core	25.00
Real estate	10.00
Private equity	5.00

Rate of Return

For the year ended December 31, 2020, the annual money-weighted rate of return, net of expenses, on system investments was 13.19 percent. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

Pension Plan Reserves

In accordance with state law, the following reserves are required to be set aside within the pension plan:

The retiree reserve is to be computed annually by the actuary as the present value of estimated benefit payments for all current retirees. The amounts reserved may be used solely to pay monthly retiree benefit payments. The reserve is funded by actuarially determined transfers from the employer.

The employee reserve is credited as employee contributions are received throughout the year; the System maintains a record of the amount contributed by each employee and credits interest annually at a rate of 4.0 percent. For any employee who terminates before vesting in the pension plan, his or her balance is returned to him or her; for those who stay until retirement, the balance is transferred into the retiree reserve.

The balances of the reserve accounts at December 31, 2020 are as follows:

	Required Reserve
Retiree reserve	\$ 229,474,871
Employee reserve	304,204

December 31, 2020

Note 3 - Net Pension Asset of the City

The components of the net pension asset of the City of Pontiac, Michigan at December 31, 2020 were as follows:

Total pension liability	\$ 287,096,992
Plan fiduciary net position	<u>(549,899,376)</u>
City's net pension asset	<u>\$ (262,802,384)</u>
Plan fiduciary net position as a percentage of the total pension liability	(191.54)%

Actuarial Assumptions

The total pension liability was determined by an actuarial valuation as of December 31, 2020. The valuation used the following actuarial assumptions applied to all periods included in the measurement:

Inflation	2%	
Salary increases	3.6 to 7.4%	Average including wage inflation of 2.5 percent
Investment rate of return	6.0%	Net of pension plan investment expenses

Mortality assumptions were as follows:

Actives: The Pub-2010 Amount-weighted, General, Employee, Male and Female Tables, with future mortality improvements projected generationally to 2030 using scale MP-2019.

Healthy retirees: The Pub-2010 Amount-weighted, General, Healthy Retiree, Male and Female Tables, with future mortality improvements projected generationally to 2030 using scale MP-2019 with male and female rates scaled by 95 percent.

Disabled retirees: The Pub-2010 Amount-weighted, General, Disabled Retiree, Male and Female Tables, with future mortality improvements projected generationally to 2030 using scale MP-2019.

Beginning of the year total pension liability was measured using an investment rate of return of 7 percent and the RP-2014 Healthy Annuitant Mortality Table unadjusted and projected to 2021 using a static projection based on the two-dimensional MP-2014 improvement scales.

Discount Rate

The discount rate used to measure the total pension liability was 6.00 percent. The projection of cash flows used to determine the discount rate assumed that employee contributions will be made at the current contribution rate and that system contributions will be made at rates equal to the difference between actuarially determined contribution rates and the employee rate.

Projected Cash Flows

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 active and inactive employees. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

December 31, 2020

Note 3 - Net Pension Asset of the City (Continued)

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of geometric real rates of return as of December 31, 2020 for each major asset class included in the pension plan's target asset allocation, as disclosed in the investment footnote, are summarized in the following table:

Asset Class	Long-term Expected Real Rate of Return
Domestic equity - All cap	5.15 %
Domestic equity - Large cap	4.90
Domestic equity - Mid cap	5.40
Domestic equity - Small cap	5.40
International equity	5.32
Emerging markets equity	6.26
Fixed income - Core	1.40
Real estate	4.43
Private equity	7.71

Sensitivity of the Net Pension Asset to Changes in the Discount Rate

The following presents the net pension asset of the City of Pontiac, Michigan calculated using the discount rate of 6.00 percent, as well as what the System's net pension asset would be if it were calculated using a discount rate that is 1 percentage point lower (5.00 percent) or 1 percentage point higher (7.00 percent) than the current rate:

	1 Percentage Point Decrease (5.00%)	Current Discount Rate (6.00%)	1 Percentage Point Increase (7.00%)
Net pension asset of the System	\$ (234,091,113)	\$ (262,802,384)	\$ (287,033,427)

Note 4 - Deposits and Investments

Michigan Compiled Laws Section 129.91 (Public Act 20 of 1943, as amended) authorizes local governmental units to make deposits and invest in the accounts of federally insured banks, credit unions, and savings and loan associations that have offices in Michigan. The System is allowed to invest in bonds, securities, and other direct obligations of the United States or any agency or instrumentality of the United States; repurchase agreements; bankers' acceptances of United States banks; commercial paper rated within the two highest classifications that matures no more than 270 days after the date of purchase; obligations of the State of Michigan or its political subdivisions that are rated as investment grade; and mutual funds composed of investment vehicles that are legal for direct investment by local units of government in Michigan.

Note 4 - Deposits and Investments (Continued)

The System is also authorized by Michigan Public Act 314 of 1965, as amended, to invest in certain reverse repurchase agreements, stocks, diversified investment companies, annuity investment contracts, real estate leased to public entities, mortgages, real estate (if the System's assets exceed \$250 million), debt or equity of certain small businesses, certain state and local government obligations, and certain other specified investment vehicles.

The System has designated one bank for the deposit of its funds. The investment policy adopted by the board in accordance with Public Act 196 of 1997 has authorized investment in all allowable investments under Michigan Public Act 347 of 2012, as amended. The System's deposits and investment policies are in accordance with statutory authority.

The System's cash and investments are subject to several types of risk, which are examined in more detail below:

Custodial Credit Risk of Bank Deposits

Custodial credit risk is the risk that, in the event of a bank failure, the System's deposits may not be returned to it. The System does not have a deposit policy for custodial credit risk. At year end, the System had no bank deposits (certificates of deposit, checking, and savings accounts) that were uninsured and uncollateralized. The System continues to evaluate each financial institution with which it deposits funds and assesses the level of risk of each institution; only those institutions with an acceptable estimated risk level are used as depositories.

Interest Rate Risk

Interest rate risk is the risk that the value of investments will decrease as a result of a rise in interest rates. The System's investment policy does not restrict investment maturities.

At year end, the System had the following investments subject to interest rate risk:

Investment	Carrying Value	Weighted- average Maturity (Years)
Commercial mortgage pools	\$ 1,910,846	26.56
Index linked government bonds	1,511,623	8.98
Corporate bonds	34,835,018	8.35
Government agencies	6,202,365	8.54
Government bonds	36,726,643	5.90
Government mortgage-backed securities	18,428,932	22.06
Municipal/provincial bonds	13,772,779	5.62
Nongovernment-backed C.M.O.s	20,485	14.41

City of Pontiac General Employees' Retirement System

Notes to Financial Statements

December 31, 2020

Note 4 - Deposits and Investments (Continued)

Credit Risk

State law limits investments in commercial paper to the top two ratings issued by nationally recognized statistical rating organizations. The System's investment policy limits investments in domestic fixed-income securities; the overall quality rating of each high-grade portfolio must be BBB or an equivalent rating; for domestic equity investments, the securities must be the equivalent of Standard & Poor's A1 or Moody's P-1. As of year end, the credit quality ratings of debt securities are as follows:

Investment	Carrying Value	Moody's
Commercial mortgage-backed securities	\$ 1,032,057	Aaa
Commercial mortgage-backed securities	239,053	Baa
Commercial mortgage-backed securities	98,341	Ba
Commercial mortgage-backed securities	541,275	Unrated
Corporate bonds	1,477,826	Aa
Corporate bonds	13,859,730	A
Corporate bonds	18,672,443	Baa
Corporate bonds	825,019	Unrated
Short-term investments	11,795,193	Unrated
Government agencies	5,739,078	Aaa
Government agencies	463,287	Aa
Government bonds	34,304,048	Aaa
Municipal/provincial bonds	972,198	Aaa
Municipal/provincial bonds	3,130,696	Aa
Municipal/provincial bonds	9,669,885	Unrated
Nongovernment-backed C.M.O.s	20,485	BBB

Foreign Currency Risk

Foreign currency risk is the risk that an investment denominated in the currency of a foreign country could reduce its U.S. dollar value as a result of changes in foreign currency exchange rates. The pension system restricts the amount of investments in foreign currency-denominated investments to 10 percent of total pension system investments. At December 31, 2020, the only type of investments that were subject to foreign currency risk were equity investments. The total amount of equity investments that were subject to foreign currency risk at year end was \$10,171,954.

At year end, the System had a total foreign currency translation gain of \$326,547 related to equity investments.

Security	Foreign Currency
Australian dollar	\$ 766,554
British pound	1,117,573
Danish krone	616,007
European euro	2,571,577
Hong Kong dollar	1,768,988
Japanese yen	683,113
Swedish krona	477,423
Swiss franc	2,170,719

City of Pontiac General Employees' Retirement System

Notes to Financial Statements

December 31, 2020

Note 5 - Fair Value Measurements

The System 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. Investments that are measured at fair value using net asset value per share (or its equivalent) as a practical expedient are not classified in the fair value hierarchy below.

In instances where inputs used to measure fair value fall into different levels in the above fair value hierarchy, fair value measurements in their entirety are categorized based on the lowest level input that is significant to the valuation. The System's assessment of the significance of particular inputs to these fair value measurements requires judgment and considers factors specific to each asset.

The System has the following recurring fair value measurements as of December 31, 2020:

	Assets Measured at Fair Value on a Recurring Basis at December 31, 2020			
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Balance at December 31, 2020
Assets				
Debt securities:				
U.S. Treasury securities	\$ -	\$ 36,726,643	\$ -	\$ 36,726,643
U.S. agencies	-	6,202,365	-	6,202,365
Municipal/Provincial	-	13,772,779	-	13,772,779
Commercial mortgage backed	-	1,931,331	-	1,931,331
Residential mortgage backed	-	18,428,932	-	18,428,932
Corporate bonds	-	34,835,018	-	34,835,018
Index-linked government bonds	-	1,511,623	-	1,511,623
Total debt securities	-	113,408,691	-	113,408,691
Asset backed:				
Common stock	284,835,552	-	-	284,835,552
Exchange-traded funds	118,822	-	-	118,822
Total equity securities	284,954,374	-	-	284,954,374
Private equity funds	-	-	10,054,057	10,054,057
Total	\$ 284,954,374	\$ 113,408,691	\$ 10,054,057	408,417,122
Investments measured at NAV:				
International equities				44,035,445
Domestic equities fund				38,751,159
Real estate funds				45,904,761
Total investments measured at NAV				128,691,365
Total investments measured at fair value				\$ 537,108,487

Note 5 - Fair Value Measurements (Continued)

The fair value of Level 1 equity securities as of December 31, 2020 is valued using prices quoted in active markets for those securities. The fair value of short-term investment funds as of December 31, 2020 is valued at cost, which estimates fair value.

The fair value of debt securities at December 31, 2020 was determined primarily based on Level 2 inputs. The fair value of these investments is based on prices that have been evaluated by independent pricing services. Such evaluated prices (which are the value of the bond less accrued interest) may be determined by using inputs such as interest rates and yield curves that are observable at commonly quoted intervals, maturities, call features, and ratings, among other factors.

The fair value of private equity investments at December 31, 2020 was determined primarily based on Level 3 inputs. The System estimates the fair value of these investments based on a review of an independent auditor's report for each fund and the fund's general partner's assessment of fair value. The general partner's estimates may include the use of pricing models, discounted cash flow methodologies, or similar techniques taking into account the characteristics of the underlying assets. Currently, there remains \$4.3 million in unfunded commitments to these funds.

The valuation method for investments measured at net asset value (NAV) per share (or its equivalent) is presented on the following table. The fair value at December 31, 2020 was determined based on the NAV per share of the System's ownership interest in the partners' capital.

Investments in Entities that Calculate Net Asset Value per Share

The System holds shares or interests in investment companies for which the fair value of the investments is measured on a recurring basis using net asset value per share (or its equivalent) of the investment companies as a practical expedient.

The fair value at December 31, 2020 was determined based on the NAV per share of the System's ownership interest in the partners' capital.

At December 31, 2020, the fair value, unfunded commitments, and redemption rules of those investments are as follows:

	Fair Value	Unfunded Commitments	Redemption Frequency, if Eligible	Redemption Notice Period
International equities fund	\$ 44,035,445	\$ -	Daily/Monthly	10 days
Domestic equity fund	38,751,159	-	Daily	10 days
Real estate funds	45,904,761	1,700,000	Monthly/Quarterly	10-180 days
Total investments measured at NAV	<u>\$ 128,691,365</u>	<u>\$ 1,700,000</u>		

The international equities fund includes investments in mainly non-U.S. publicly traded equities and other assets. The fair values of the investments in this fund have been estimated using the net asset value per share of the investments.

The domestic equities funds class includes investments in U.S. publicly traded equities and other assets. The fair value of the investments in this fund have been estimated using net asset value per share of the investments.

The real estate funds class includes several real estate funds that invest primarily in U.S. commercial real estate. The fair values of the investments in this class have been estimated using net asset value of the System's ownership interest in partners' capital.

December 31, 2020

Note 5 - Fair Value Measurements (Continued)

Disclosures Regarding Redemption Only upon Liquidation

The investments in private equity can never be redeemed with the funds. Instead, the nature of the investments in this type is that distributions are received through the liquidation of the underlying assets of the fund. If these investments were held, it is expected that the underlying assets of the fund would be liquidated over the next 7 to 10 years. However, as of December 31, 2020, it is probable that all of the investments of this type will be sold at an amount different from fair value.

Note 6 - Subsequent Events

On April 4, 2017, the City announced that a tentative settlement had been reached with regard to the retiree health care matter. On November 19, 2018, the federal judge in the case approved the tentative settlement agreement, which needed to be approved by various parties, including the Michigan Association of Public Employees (MAPE) and the Internal Revenue Service (IRS), among others. If fully approved by all parties, the settlement agreement would provide health care funding via the creation of a volunteer employees' beneficiary association (VEBA) by utilizing certain overfunded assets from this System (GERS). On November 26, 2019, the City Council approved and authorized execution of the VEBA documents and authorized submission to the IRS of the GERS Termination Amendment, the proposed Reestablished General Employees' Retirement System (GERS), and request for a private letter ruling (the "IRS submission"). In March 2021, the IRS approved the City's request to terminate the existing GERS effective March 31, 2021; establish a new GERS effective April 1, 2021; which will be 130 percent funded; and transfer the excess assets to a newly created VEBA to provide the funding for retiree health care. The new GERS will continue to provide the same level of benefits as the existing GERS. The System's board is working closely with its professional advisors and the newly created VEBA board to effect the transfers, which are expected to occur no later than the fourth quarter of 2021.

Required Supplemental Information

City of Pontiac General Employees' Retirement System

Required Supplemental Information Schedule of Changes in the Net Pension Asset and Related Ratios

Last Seven Fiscal Years
(Schedule is Built Prospectively upon Implementation of GASB Statement No. 67)

	2020	2019	2018	2017	2016	2015	2014
Total Pension Liability							
Service cost	\$ 219,594	\$ 233,616	\$ 242,405	\$ 255,665	\$ 324,671	\$ 301,489	\$ 279,188
Interest	16,988,197	17,384,038	17,725,816	17,598,425	17,944,933	19,232,034	19,973,828
Changes in benefit terms	3,277,435	3,402,001	3,470,936	10,658,814	-	5,407,365	-
Differences between expected and actual experience	(2,528,619)	1,139,898	1,839,373	871,705	5,189,027	(23,548,601)	(2,538,358)
Changes in assumptions	40,406,912	-	-	-	15,686,953	9,124,140	-
Benefit payments, including refunds	(27,500,762)	(28,114,053)	(28,199,310)	(26,916,912)	(27,119,534)	(28,052,593)	(27,494,450)
Net Change in Total Pension Liability	30,862,757	(5,954,500)	(4,920,780)	2,467,697	12,026,050	(17,536,166)	(9,779,792)
Total Pension Liability - Beginning of year	256,234,235	262,188,735	267,109,515	264,641,818	252,615,768	270,151,934	279,931,726
Total Pension Liability - End of year	\$ 287,096,992	\$ 256,234,235	\$ 262,188,735	\$ 267,109,515	\$ 264,641,818	\$ 252,615,768	\$ 270,151,934
Plan Fiduciary Net Position							
Net investment income (loss)	\$ 65,127,780	\$ 87,449,329	\$ (23,328,559)	\$ 67,868,606	\$ 34,606,547	\$ (3,414,613)	\$ 29,515,688
Administrative expenses	(652,449)	(691,928)	(781,967)	(696,340)	(683,083)	(954,593)	(784,783)
Benefit payments, including refunds	(27,500,762)	(28,114,053)	(28,199,310)	(26,916,912)	(27,119,534)	(28,052,593)	(27,494,450)
Other	107,539	-	47,079	29,291	5,748	37,358	17,453
Net Change in Plan Fiduciary Net Position	37,082,108	58,643,348	(52,262,757)	40,284,645	6,809,678	(32,384,441)	1,253,908
Plan Fiduciary Net Position - Beginning of year	512,817,268	454,173,920	506,436,677	466,152,032	459,342,354	491,726,795	490,472,887
Plan Fiduciary Net Position - End of year	\$ 549,899,376	\$ 512,817,268	\$ 454,173,920	\$ 506,436,677	\$ 466,152,032	\$ 459,342,354	\$ 491,726,795
System's Net Pension Asset - Ending	\$ (262,802,384)	\$ (256,583,033)	\$ (191,985,185)	\$ (239,327,162)	\$ (201,510,214)	\$ (206,726,586)	\$ (221,574,861)
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	191.54 %	200.14 %	173.22 %	189.60 %	176.14 %	181.83 %	182.02 %
Covered Payroll	\$ 1,349,022	\$ 1,391,765	\$ 1,427,628	\$ 1,450,352	\$ 1,540,472	\$ 1,528,731	\$ 1,478,241
System's Net Pension Asset as a Percentage of Covered Payroll	(19,480.96)%	(18,435.80)%	(13,447.84)%	(16,501.32)%	(13,081.07)%	(13,522.76)%	(14,989.09)%

See notes to pension required supplemental information schedules.

City of Pontiac General Employees' Retirement System

Required Supplemental Information Schedule of City Contributions

**Last Ten Fiscal Years
Years Ended December 31**

	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
Actuarially determined contribution	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contributions in relation to the actuarially determined contribution	-	-	-	-	-	-	-	-	-	-
Contribution Deficiency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Covered Payroll	\$ 1,349,022	\$ 1,391,765	\$ 1,427,628	\$ 1,450,352	\$ 1,540,472	\$ 1,528,731	\$ 1,478,241	\$ 1,574,964	\$ 2,742,912	\$ 3,968,743
Contributions as a Percentage of Covered Payroll	- %	- %	- %	- %	- %	- %	- %	- %	- %	- %

City of Pontiac General Employees' Retirement System

Required Supplemental Information Schedule of Investment Returns

Last Seven Fiscal Years
(Schedule is Built Prospectively upon Implementation of GASB Statement No. 67)
Years Ended December 31

	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
Annual money-weighted rate of return - Net of investment expense	13.19 %	19.61 %	(4.63)%	15.31 %	7.79 %	(0.80)%	6.80 %

City of Pontiac General Employees' Retirement System

Notes to Pension Required Supplemental Information Schedules

December 31, 2020

Notes to Schedule of Contributions

Actuarial valuation information relative to the determination of contributions:

Valuation date Actuarially determined contribution rates are calculated as of June 30, two and one-half years prior to the end of the plan fiscal year in which the contributions are reported. Contributions for the City's fiscal year ended June 30, 2020 were determined based on the actuarial valuation as of December 31, 2018. The most recent valuation is as of December 31, 2020. The assumptions that utilized December 31, 2018 valuation are outlined below:

Methods and assumptions used to determine contribution rates:

Actuarial cost method	Entry age
Amortization method	Level dollar
Remaining amortization period	30 years (open basis)
Asset valuation method	5-year smoothed market
Inflation	2.50 percent
Salary increase	3.6 to 7.4 percent wage inflation
Investment rate of return	7.00 percent
Retirement age	Age-based table of rates that are specific to the type of eligibility condition
Mortality	The RP-2014 Healthy Annuitant Mortality Table an adjusted and projected to 2021 using static projection based on the two-dimensional MP-2014 improvement scales.

Fiscal Year 2020 Changes

Changes in in Benefit Terms

The City of Pontiac, Michigan (plan sponsor) adopted a resolution in fiscal year 2020 to extend the \$400 temporary benefits that were paid out to retirees through August 2021.

Changes in Assumptions

1. The discount rate was decreased from 7.00 to 6.00 percent.
2. The mortality tables were adjusted. The System moved RP-2014 Healthy Annuitant Mortality Table (unadjusted) projected to 2021 using a static projection based on the two-dimensional MP-2014 improvement scales to the following:
 - a. Actives: The Pub-2010 Amount-weighted, General, Employee, Male and Female Tables, with future mortality improvements projected generationally to 2030 using scale MP-2019.
 - b. Healthy retirees: The Pub-2010 Amount-weighted, General, Healthy Retiree, Male and Female Tables, with future mortality improvements projected generationally to 2030 using scale MP-2019 with male and female rates scaled by 95 percent.
 - c. Disabled retirees: The Pub-2010 Amount-weighted, General, Disabled Retiree, Male and Female Tables, with future mortality improvements projected generationally to 2030 using scale MP-2019.

Fiscal Year 2019 Changes

The City of Pontiac, Michigan (plan sponsor) adopted a resolution in fiscal year 2019 to extend the \$400 temporary benefits that were paid out to retirees through August 2020.

Fiscal Year 2018 Changes

The City of Pontiac, Michigan (plan sponsor) adopted a resolution in fiscal year 2018 to extend the \$400 temporary benefits that were paid out to retirees through August 2019.

City of Pontiac General Employees' Retirement System

Notes to Pension Required Supplemental Information Schedules (Continued)

December 31, 2020

Fiscal Year 2017 Changes

Changes in Benefit Terms

The System adopted the following benefit changes in fiscal year 2017:

1. The City of Pontiac, Michigan (plan sponsor) adopted a resolution to amend the retirement ordinance to provide an early retirement benefit to approximately 67 former city employees. The early retirement benefits are payable beginning on January 1, 2018.
2. The City of Pontiac, Michigan (plan sponsor) adopted a resolution in fiscal year 2017 to extend the \$400 temporary benefits that were paid out to retirees through August 2018.

Fiscal Year 2016 Changes

Changes in Assumptions

1. The discount rate was decreased from 7.50 to 7.00 percent.
2. The mortality tables were adjusted. The System moved from RP-2014 Blue Collar tables to RP-2014 Healthy Annuitant Mortality Table (unadjusted) projected to 2021 using a static projection based on the two-dimensional MP-2014 improvement scales.

Fiscal Year 2015 Changes

Changes in in Benefit Terms

The City of Pontiac, Michigan (plan sponsor) adopted a resolution in August 2015 to extend the \$400 temporary benefits that were paid out to retirees through August 2016.

Changes in Assumptions

The mortality tables were adjusted. The System moved from using the 1983 Group Annuity Mortality table to RP-2014 Blue Collar tables.