



MICHIGAN DEPARTMENT OF
TALENT AND ECONOMIC
DEVELOPMENT

18

FINANCIAL AUDIT REPORT

OF THE MICHIGAN STRATEGIC FUND



FISCAL YEAR ENDING
SEPTEMBER 30, 2018

(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF MICHIGAN)

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INDEPENDENT AUDITOR'S REPORT



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Office of the Auditor General

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Doug A. Ringler, CPA, CIA
Auditor General

Independent Auditor's Report on the Financial Statements
and Other Reporting Required by *Government Auditing Standards*

Mr. Jeff Mason
President, Michigan Strategic Fund
Chair, Michigan Strategic Fund Board of Directors
300 North Washington Square
Lansing, Michigan

Dear Mr. Mason:

Report on the Financial Statements

We have audited the accompanying financial statements of the governmental activities and each major fund of the Michigan Strategic Fund, a discretely presented component unit of the State of Michigan, as of and for the fiscal year ended September 30, 2018 and the related notes to the financial statements, which collectively comprise the Fund'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 in the first paragraph present fairly, in all material respects, the respective financial position of the governmental activities and each major fund of the Michigan Strategic Fund as of September 30, 2018 and the respective changes in financial position for the fiscal year then ended in accordance with accounting principles generally accepted in the United States of America.



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Doug A. Ringler, CPA, CIA
Auditor General

Mr. Jeff Mason
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Emphasis of Matters

As discussed in Note 1 to the financial statements, the financial statements present only the Michigan Strategic Fund and do not purport to, and do not, present fairly the financial position of the State of Michigan or its component units as of September 30, 2018, the changes in its financial position, or, where applicable, its cash flows for the fiscal year then ended in accordance with accounting principles generally accepted in the United States of America.

As discussed in Note 2 to the financial statements, the Michigan Strategic Fund adopted Governmental Accounting Standards Board (GASB) Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*, for the fiscal year ended September 30, 2018. As a result of implementing this statement, the Michigan Strategic Fund restated its beginning net position as disclosed in the note.

Our opinions are not modified with respect to these matters.

Other Matter

Required Supplementary Information

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

Other Reporting Required by Government Auditing Standards

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

Sincerely,

Doug Ringler
Auditor General
January 25, 2019

MANAGEMENT'S DISCUSSION AND ANALYSIS

The Michigan Strategic Fund (MSF) management has prepared this discussion and analysis of the financial performance of the MSF for the period October 1, 2017, through September 30, 2018. The MSF is a discretely presented component unit of the financial reporting entity of the State of Michigan. The MSF's management is responsible for the basic financial statements, required supplementary information and this discussion.

Using the Financial Report

This financial report is prepared in accordance with accounting principles generally accepted in the United States of America (GAAP) as prescribed by the Governmental Accounting Standards Board (GASB).

The accounting standards require a statement of net position; a statement of activities; a fund balance sheet; and a statement of revenues, expenditures, and changes in fund balance. The financial statements are interrelated and represent the financial status of the MSF.

This financial report includes the independent auditor's report, management's discussion and analysis, the basic financial statements and required supplementary information.

Analysis of Financial Activities

The assets and deferred outflows of resources of the MSF exceeded its liabilities and deferred inflows of resources by \$537.6 million at September 30, 2018, and by \$536.5 million at September 30, 2017. Total net position increased by \$1.1 million during fiscal year 2018.

Condensed Financial Information From the Statement of Net Position As of September 30

	<u>2018</u>	<u>2017</u>
Cash and equity in common cash	\$ 354,596,705	\$ 363,830,627
Amounts due from federal government	10,461,623	15,167,246
Other current assets	<u>63,385,706</u>	<u>66,722,865</u>
Total current assets	\$ 428,444,034	\$ 445,720,738
Noncurrent assets	<u>694,547,616</u>	<u>696,957,155</u>
Total assets	\$ 1,122,991,650	\$ 1,142,677,893
Deferred outflows of resources	<u>3,337,625</u>	<u>3,269,529</u>
Total assets and deferred outflows of resources	\$ 1,126,329,275	\$ 1,145,947,423
Current liabilities	\$ 124,220,229	\$ 115,542,625
Long-term liabilities	<u>464,106,741</u>	<u>490,043,138</u>
Total liabilities	\$ 588,326,970	\$ 605,585,763
Deferred inflows of resources	<u>423,864</u>	<u>3,860,557</u>
Total liabilities and deferred inflows of resources	\$ 588,750,834	\$ 609,446,320
Net position:		
Restricted	\$ 684,968,911	\$ 682,519,574
Unrestricted	<u>(147,390,470)</u>	<u>(146,018,471)</u>
Total net position-restated	<u>\$ 537,578,442</u>	<u>\$ 536,501,103</u>

Cash and equity in common cash decreased by \$9.2 million largely as the result of \$17.3 million in previously issued bond funds and \$10.3 million of film incentives being spent. These decreases are partially offset by \$17.4 million of additional amounts received in the Jobs for Michigan Investment Fund.

Amounts due from federal government primarily consist of receivables for federal pass-through for the Community Development Block Grants (CDBGs) to subrecipients. This line item decreased by \$4.7 million during fiscal year 2018. These receivables vary from year to year as they are dependent on project activity of the subrecipients.

Other current assets primarily consist of loans receivable, capital lease receivable, the tribal gaming revenue receivables and participation loans. This line item decreased by a net amount of \$3.3 million during fiscal year 2018 mainly due to a decrease in loans receivable.

Noncurrent assets include the Capital Access Program, capital lease receivable, loans receivable, economic development equity programs (EDEPs), collateral deposits and participation loans. The net decrease in noncurrent assets during fiscal year 2018 was \$2.4 million. The total amount of EDEPs and loans receivable (net of loss provisions) included in the current and noncurrent assets categories is \$277.6 million.

Current liabilities primarily consist of accounts payable and other liabilities, amounts due to component units, bond and interest payables related to the limited obligation revenue bonds and unearned capital lease interest revenue. This line item increased by a net amount of \$8.7 million during fiscal year 2018. Accounts payable and other liabilities increased by \$5.0 million and bonds payable also increased by \$4.8 million. These increases were partially offset by a decrease of \$1.4 million in amounts due to component units (MEDC).

Long-term liabilities primarily consist of bonds payable, the reserves for the Capital Access Program, unearned capital lease interest revenue, the net pension liability, and the net other post employment benefits (OPEB) liabilities. This line item decreased by a net amount of \$25.9 million during fiscal year 2018 due to decreases of \$24.5 million in bonds payable and \$9.5 million in unearned capital lease interest revenues. These decreases are partially offset by an increase of \$7.1 million in the OPEB liabilities. Fiscal year 2018 is the first time MSF had to record the OPEB liabilities due to the implementation of a new GASB statement. Additional information on the net pension and OPEB liabilities is included in the notes to the financial statements.

Deferred outflows/inflows of resources are related to pensions, OPEB and to a partial refunding of the bonds for the Anderson House Office Building. These are discussed further in the notes to the financial statements.

Restricted net position represents resources that are subject to external restrictions, constitutional provisions or enabling legislation limiting how they can be used. Total restricted net position increased by \$2.4 million during fiscal year 2018.

Unrestricted net position represents resources that are not included in restricted net position. Total unrestricted net position decreased by \$1.4 million during fiscal year 2018.

Condensed Financial Information
From the Statement of Activities
For the Fiscal Years Ended September 30

	<u>2018</u>	<u>2017</u>
Expenses		
Community Development Block Grants (CDBG)	\$ 20,510,422	\$ 30,080,721
Arts and Cultural Grants	11,724,964	8,880,039
Jobs for Michigan Investment Fund	133,619,348	114,123,247
Film Incentives and other programs	22,799,724	54,531,574
Payments to the Michigan Economic Development Corporation (MEDC)	139,974,793	96,871,807
Other	<u>21,657,422</u>	<u>15,278,500</u>
Total program expenses	<u>\$ 350,286,673</u>	<u>\$ 319,765,888</u>
Program revenues		
Charges for services	\$ 1,697,684	\$ 861,379
Operating grants and contributions	23,130,440	63,590,741
Total program revenues	<u>\$ 24,828,123</u>	<u>\$ 64,452,120</u>
Net program expenses	<u>\$ 325,458,550</u>	<u>\$ 255,313,768</u>
General revenues		
Payments from the State of Michigan	\$ 249,358,511	\$ 212,778,413
Other	83,937,781	80,100,505
Total general revenues	<u>\$ 333,296,292</u>	<u>\$ 292,878,918</u>
Change in net position	<u>\$ 7,837,742</u>	<u>\$ 37,565,150</u>
Net position - Beginning (restated)	<u>529,740,699</u>	<u>498,935,953</u>
Net position - Ending	<u>\$ 537,578,442</u>	<u>\$ 536,501,102</u>

CDBG expenses decreased by \$9.6 million in fiscal year 2018 due to decreases in disbursements made to subrecipients. CDBG is a federal pass-through grant program and grant awards are spent over several years.

Jobs for Michigan Investment Fund expenses increased by \$19.5 million in fiscal year 2018 due to an increase in spending in the Business Attraction and Community Revitalization programs.

Film Incentives and other programs expenses decreased by \$31.7 million mainly due to decreases of \$23.2 million in Film Incentive Program expenditures and \$5.9 million in Community Colleges Skilled Trades Equipment Programs grant payments.

Payments to MEDC primarily consist of the MSF state appropriations transferred to fund programs administered by MEDC, as well as tribal gaming and fee revenue. This line item increased by a net amount of \$43.1 million during fiscal year 2018. The MSF state appropriations transferred to MEDC increased by \$45.8 million primarily due to increases in General Fund appropriations of \$39.8 million for special/enhancement grants for identified industries or recipients and \$5.0 million for talent marketing.

Other expenses primarily consist of payments to the General Fund, other interest, pension expense, OPEB expense, and miscellaneous expenses. This line item increased by \$6.4 million due to a \$15.4 million increase in the pension expense. Additional information on this is further explained in the notes to the financial statements. This increase is partially offset by a decrease of \$11.2 million in construction and relocation expenditures for the Michigan Senate Office project.

Operating grants and contributions primarily reflect the funds received from the federal government for CDBG. This line item decreased by a net amount of \$40.5 million due to decreases of \$31.2 million for the one-time MSHDA grant that was received in fiscal year 2017 and \$6.1 million in federal revenues for CDBG.

Payments from the State of Michigan primarily consist of transfers of the MSF appropriations from the State General Fund of \$109.6 million and reimbursements of the MSF expenditures from the 21st Century Jobs Trust Fund of \$139.7 million. The revenue from the General Fund transfers increased by \$47.1 million mainly due to increases of \$39.8 million for special/enhancement grants for identified industries or recipients and \$5.0 million for talent marketing. The revenue from the 21st Century Jobs Trust Fund for grants, loans, EDEPs and promotion programs decreased by \$10.5 million as a result of decreased program expenditures as well as loans and EDEPs using these funds.

Other general revenues primarily consist of tribal gaming revenue, interest income, returns on EDEPs and revenue related to capital lease agreements. This line item increased by a net amount of \$3.8 million during fiscal year 2018 due to an increase of \$7.2 million in returns received in the Jobs for Michigan Investment Fund. This increase is partially offset by a decrease of \$2.8 million in tribal gaming revenue.

BASIC FINANCIAL STATEMENTS

MICHIGAN STRATEGIC FUND
Statement of Net Position
As of September 30, 2018

ASSETS

Current assets:	
Cash (Note 3)	\$ 30,037,955
Equity in common cash (Note 3)	251,427,588
Money market funds (Note 3)	26,988,893
SSBCI checking account (Note 3)	35,042,968
Collateral deposits (Note 4)	11,099,300
Participation loans	9,182,200
Amounts due from federal government	10,461,623
Amounts due from primary government	150,000
Amounts due from component unit	1,000
Loans receivable (Note 5)	2,260,657
Capital lease receivable (Note 6)	22,770,076
Other current assets (Note 5)	29,021,773
Total current assets	<u>\$ 428,444,034</u>
Noncurrent assets:	
Capital Access Program (Notes 3, 4, and 11)	\$ 5,862,549
Collateral deposits (Note 4)	44,397,151
Participation loans	67,336,133
Capital lease receivable (Note 6)	299,925,581
Economic development equity programs	199,729,817
Loans receivable (Note 5)	75,566,070
Other noncurrent assets (Note 5)	1,730,316
Total noncurrent assets	<u>\$ 694,547,616</u>
Total assets	<u>\$ 1,122,991,650</u>

DEFERRED OUTFLOWS OF RESOURCES

Refunding of debt	\$ 2,129,639
Deferred outflows related to pensions	610,535
Deferred outflows related to other post employment benefits	597,451
Total deferred outflows of resources	<u>\$ 3,337,625</u>
Total assets and deferred outflows of resources	<u>\$ 1,126,329,275</u>

LIABILITIES

Current liabilities:	
Accounts payable and other liabilities	\$ 54,738,824
Compensated absences (Note 11)	390,917
Amounts due to component units	29,313,036
Capital Access Program (Notes 4 and 11)	150,000
Amounts due to primary government	71,483
Interest payable	4,949,567
Bonds payable (Note 9)	22,990,000
Unearned revenue (Note 6)	11,616,400
Total current liabilities	<u>\$ 124,220,229</u>
Long-term liabilities:	
Bonds payable (Note 9)	\$ 323,162,856
Unearned revenue (Note 6)	123,909,019
Compensated absences (Note 11)	241,858
Capital Access Program (Notes 4 and 11)	5,712,549
Net pension liability (Note 7)	3,948,136
Net OPEB liabilities (Note 8)	7,132,323
Total long-term liabilities	<u>\$ 464,106,741</u>
Total liabilities	<u>\$ 588,326,970</u>

DEFERRED INFLOWS OF RESOURCES

Deferred inflows related to pensions	\$ 236,898
Deferred inflows related to other post employment benefits	186,966
Total deferred inflows of resources	<u>\$ 423,864</u>
Total liabilities and deferred inflows of resources	<u>\$ 588,750,834</u>

NET POSITION

Restricted for:	
Other purposes	\$ 684,968,911
Unrestricted	<u>(147,390,470)</u>
Total net position	<u>\$ 537,578,442</u>

The accompanying notes are an integral part of the financial statements.

MICHIGAN STRATEGIC FUND
Statement of Activities
For the Fiscal Year Ended September 30, 2018

EXPENSES (Note 1)

Community Development Block Grants	\$ 20,510,422
Arts and Cultural Grants	11,724,964
Jobs for Michigan Investment Fund	133,619,348
Film incentives and other programs	22,799,724
Payments to MEDC	139,974,793
Other interest	13,823,410
Miscellaneous	7,834,013
Total program expenses	<u>\$ 350,286,673</u>

PROGRAM REVENUES (Note 1)

Charges for services

Program fees	\$ 1,697,684
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Operating grants and contributions

Federal revenues	22,122,917
Revenues from local units	1,007,522
Total program revenues	<u>\$ 24,828,123</u>
Net program expense	<u>\$ 325,458,550</u>

GENERAL REVENUES (Note 1)

Payments from the State of Michigan

Payments from General Fund	\$ 109,626,400
Payments from 21st Century Jobs Trust Fund	139,732,111

Other

Interest earnings	13,802,668
Tribal gaming	51,892,876
Miscellaneous	18,242,237
Total general revenues	<u>\$ 333,296,292</u>

Increase in net position	\$ 7,837,742
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Net position - Beginning Restated (Note 2)	<u>529,740,699</u>
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Net position - Ending	<u><u>\$ 537,578,442</u></u>
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The accompanying notes are an integral part of the financial statements.

MICHIGAN STRATEGIC FUND
Governmental Fund Balance Sheet
As of September 30, 2018

	Major Funds			Total
	General Operations	Jobs for Michigan Investment Fund	Debt Service Fund	
ASSETS				
Current assets:				
Cash (Note 3)	\$ 7,921,535	\$	\$ 22,116,420	\$ 30,037,955
Equity in common cash (Note 3)	46,762,630	204,664,958		251,427,588
Money market funds (Note 3)	26,988,893			26,988,893
SSBCI checking account (Note 3)	35,042,968			35,042,968
Collateral deposits (Note 4)	7,501,839	3,597,461		11,099,300
Participation loans	615,640	8,556,560		9,182,200
Amounts due from federal government	10,461,623			10,461,623
Amounts due from primary government	150,000			150,000
Amounts due from component unit	1,000			1,000
Loans receivable (Note 5)		2,260,657		2,260,657
Capital lease receivables (Note 6)			22,770,076	22,770,076
Other current assets (Note 5)	28,253,264	768,509		29,021,773
Total current assets	<u>\$ 163,699,392</u>	<u>\$ 219,858,145</u>	<u>\$ 44,886,497</u>	<u>\$ 428,444,034</u>
Noncurrent assets:				
Capital Access Program (Notes 3, 4, and 11)	\$ 5,862,549	\$	\$	\$ 5,862,549
Collateral deposits (Note 4)	30,007,357	14,389,794		44,397,151
Participation loans	4,514,694	62,821,439		67,336,133
Capital lease receivables (Note 6)			299,925,581	299,925,581
Economic development equity programs	1,802,376	197,927,441		199,729,817
Loans receivable (Note 5)		75,566,070		75,566,070
Other noncurrent assets (Note 5)		1,730,316		1,730,316
Total noncurrent assets	<u>\$ 42,186,975</u>	<u>\$ 352,435,060</u>	<u>\$ 299,925,581</u>	<u>\$ 694,547,616</u>
Total assets	<u>\$ 205,886,368</u>	<u>\$ 572,293,205</u>	<u>\$ 344,812,077</u>	<u>\$ 1,122,991,650</u>
DEFERRED OUTFLOWS OF RESOURCES				
Total assets and deferred outflows of resources	<u>\$ 205,886,368</u>	<u>\$ 572,293,205</u>	<u>\$ 344,812,077</u>	<u>\$ 1,122,991,650</u>
LIABILITIES				
Current liabilities:				
Accounts payable and other liabilities	\$ 10,858,460	\$ 43,880,365	\$	\$ 54,738,824
Amounts due to component units	10,441,062	499,496		10,940,558
Capital Access Program (Notes 4 and 11)	150,000			150,000
Amounts due to primary government	34,233	37,250		71,483
Unearned revenue	973,606		1,107,815	2,081,421
Total current liabilities	<u>\$ 22,457,361</u>	<u>\$ 44,417,110</u>	<u>\$ 1,107,815</u>	<u>\$ 67,982,286</u>
Long-term liabilities:				
Capital Access Program (Notes 4 and 11)	\$ 5,712,549	\$	\$	\$ 5,712,549
Total long-term liabilities	<u>\$ 5,712,549</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 5,712,549</u>
Total liabilities	<u>\$ 28,169,910</u>	<u>\$ 44,417,110</u>	<u>\$ 1,107,815</u>	<u>\$ 73,694,835</u>
DEFERRED INFLOWS OF RESOURCES				
Capital lease interest (Note 6)	\$	\$	\$ 133,443,999	\$ 133,443,999
Unavailable revenue	18,372,479	4,932,750		23,305,229
Total deferred inflows of resources	<u>\$ 18,372,479</u>	<u>\$ 4,932,750</u>	<u>\$ 133,443,999</u>	<u>\$ 156,749,228</u>
FUND BALANCE (Note 12)				
Restricted fund balance	\$ 157,725,592	\$ 522,943,344	\$ 210,260,264	\$ 890,929,199
Committed fund balance	40,713			40,713
Assigned fund balance	1,168,700			1,168,700
Unassigned fund balance	408,974			408,974
Total fund balance	<u>\$ 159,343,979</u>	<u>\$ 522,943,344</u>	<u>\$ 210,260,264</u>	<u>\$ 892,547,587</u>
Total liabilities, deferred inflows of resources, and fund balance	<u>\$ 205,886,368</u>	<u>\$ 572,293,205</u>	<u>\$ 344,812,077</u>	<u>\$ 1,122,991,650</u>

The accompanying notes are an integral part of the financial statements.

MICHIGAN STRATEGIC FUND
Reconciliation of the Governmental Fund Balance Sheet
to the Statement of Net Position
As of September 30, 2018

	2018
Total fund balance	\$ 892,547,587
Amounts reported for governmental activities in the statement of net position are different because:	
Deferred outflows of resources are not due and payable in the current period and therefore are not reported in the governmental fund statement.	
Refunding of debt	2,129,639
Related to pensions	610,535
Related to other post employment benefits	597,451
Compensated absences, net pension and other post employment benefis obligations are not due and payable in the current period and therefore are not reported in the governmental fund statement.	(11,713,234)
Bonds payable and interest payable are not due and payable in the current period and therefore are not reported in the governmental fund statement.	
Bonds payable	(346,152,856)
Capital Access Program (Notes 3, 4, and 11)	(4,949,567)
Certain amounts due to component units are not due and payable in the current period and therefore are not reported in the governmental fund statement.	(18,372,479)
Unearned revenue related to capital lease interest is not reported on the governmental fund statements	(133,443,999)
Deferred inflows of resources is not available for the current period and therefore is not recognized as revenue in the governmental fund statement. This includes:	
Capital lease interest	133,443,999
Tribal gaming revenue	18,372,479
Other revenues	1,822,462
Related to pensions	(236,898)
Related to other post employment benefits	(186,966)
Loan interest revenue	3,110,289
Net position of governmental activities	\$ 537,578,442

MICHIGAN STRATEGIC FUND
 Governmental Fund Statement of Revenues, Expenditures, and Changes in Fund Balance
 For the Fiscal Year Ended September 30, 2018

	Major Funds			Total
	General Operations	Jobs for Michigan Investment Fund	Debt Service Fund	
REVENUES (Note 1)				
<u>Charges for services</u>				
Program fees	\$ 1,697,684	\$	\$	\$ 1,697,684
<u>Operating grants and contributions</u>				
Federal revenues	22,122,917			22,122,917
Revenues from local units	1,007,522			1,007,522
<u>Payments from the State of Michigan</u>				
Payments from General Fund	109,626,400			109,626,400
Payments from 21st Century Jobs Trust Fund		139,732,111		139,732,111
<u>Other</u>				
Tribal gaming	52,364,798			52,364,798
Interest earnings	1,101,274	5,327,179	10,119,149	16,547,601
Miscellaneous	283,999	17,420,781	7,531	17,712,311
Total revenues	<u>\$ 188,204,594</u>	<u>\$ 162,480,070</u>	<u>\$ 10,126,680</u>	<u>\$ 360,811,344</u>
EXPENDITURES (Note 1)				
Other interest	\$	\$	\$ 15,282,390	\$ 15,282,390
Debt service principal redemption			18,160,000	18,160,000
Community Development Block Grants	20,510,422			20,510,422
Arts and Cultural Grants	11,724,964			11,724,964
Jobs for Michigan Investment Fund		133,619,348		133,619,348
Film incentives and other programs	22,799,724			22,799,724
Payments to MEDC	140,446,714			140,446,714
Miscellaneous	10,698,862		151	10,699,013
Total expenditures	<u>\$ 206,180,686</u>	<u>\$ 133,619,348</u>	<u>\$ 33,442,541</u>	<u>\$ 373,242,575</u>
Excess of revenues over/(under) expenditures	<u>\$ (17,976,093)</u>	<u>\$ 28,860,722</u>	<u>\$ (23,315,861)</u>	<u>\$ (12,431,232)</u>
OTHER FINANCING SOURCES (USES)				
Transfer from General Operations Fund	\$	\$	\$ 13,569,691	\$ 13,569,691
Transfer to Debt Service Fund	(13,569,691)			(13,569,691)
Other financing sources (uses)	<u>\$ (13,569,691)</u>	<u>\$ 0</u>	<u>\$ 13,569,691</u>	<u>\$ 0</u>
Net change in fund balances	\$ (31,545,784)	\$ 28,860,722	\$ (9,746,170)	(12,431,232)
Fund balance - Beginning Restated (Note 2)	<u>190,889,763</u>	<u>494,082,622</u>	<u>220,006,434</u>	<u>904,978,818</u>
Fund balance - Ending	<u>\$ 159,343,979</u>	<u>\$ 522,943,344</u>	<u>\$ 210,260,264</u>	<u>\$ 892,547,587</u>

The accompanying notes are an integral part of the financial statements.

MICHIGAN STRATEGIC FUND
 Reconciliation of the Governmental Fund Statement of Revenues, Expenditures,
 and Changes in Fund Balance to the Statement of Activities
For the Fiscal Year Ended September 30, 2018

	2018
Net change in fund balance	\$ (12,431,232)
Amounts reported for governmental activities in the statement of activities are different because:	
Tribal Gaming revenues that are reported as resources in the fund statement but were earned in prior fiscal years are not reported in the statement of activities.	(471,922)
Certain interest earnings are delayed and not available and have been deferred at the governmental fund level but are recognized in the statement of activities.	(2,744,933)
Payments to MEDC that are not due and payable in the current period are not reported as expenditures in the governmental fund statement.	471,922
Other interest expense for bonds payable that was due and payable in the current period and was reported as an expenditure in the governmental fund statement.	1,458,980
Debt service principal redemption was due and payable in the current period and was reported as an expenditure in the governmental fund statement.	18,160,000
Miscellaneous revenues were not recorded in governmental fund statement for receivables recorded in statement of activities.	529,926
Compensated absences and net pension obligations are not reported in the governmental fund statement because payments are not due and do not use current financial resources.	2,865,000
Change in net position of governmental activities	\$ 7,837,742

Notes to the Financial Statements

Note 1 **Significant Accounting Policies**

The accounting policies of the Michigan Strategic Fund (MSF) conform to accounting principles generally accepted in the United States of America (GAAP) as applicable to governmental units. The following is a summary of more significant policies:

a. **Reporting Entity**

The MSF was created by Act 270, P.A. 1984, to help diversify the economy of the State of Michigan and to provide for economic development, primarily by assisting business enterprises in obtaining additional sources of financing. Under the provisions of this Act, the MSF succeeded to the rights, properties, obligations and duties of the Michigan Job Development Authority and the Michigan Economic Development Authority.

Executive Order No. 1999-1 further authorized the MSF to enter into an interlocal agreement with local public agencies. Under this authority, the MSF entered into an interlocal agreement and created the Michigan Economic Development Corporation (MEDC) as a new public entity in 1999 to help administer the programs transferred to the MSF. The interlocal agreement provided that any economic development programs transferred to the MSF could be transferred, along with the relevant personnel and funding, to MEDC.

Executive Order No. 2003-18, effective December 7, 2003, transferred the MSF as an autonomous agency from the Department of Management and Budget to the Department of Energy, Labor and Economic Growth (DELEG). Subsequently, Act 225, P.A. 2005, effective November 21, 2005, transferred the MSF as an autonomous agency from DELEG to the Department of Treasury.

The MSF is governed by an 11-member Board of Directors that consists of MEDC's chief executive officer, the State Treasurer, a person in the position of Vice President or higher at either the MEDC or the Department of Talent and Economic Development, and eight members who are appointed by the Governor with the advice and consent of the Senate.

The MSF is a discretely presented component unit of the financial reporting entity of the State of Michigan because the primary government appoints a voting majority of the MSF Board of Directors and there is a financial burden/benefit relationship between the MSF and the State.

Executive Order No. 2011-4, effective April 24, 2011, transferred the Bureau of Workforce Transformation and energy programs from DELEG and the State Land Bank Fast Track Authority (SLBFTA) and the Michigan State Housing Development Authority (MSHDA) from the Department of Treasury to the MSF. However, all accounting and reporting responsibilities were transferred effective October 1, 2011, except for MSHDA, which is responsible for its own accounting and reporting responsibilities.

Executive Order No. 2013-8, effective July 16, 2013, transferred SLBFTA from the MSF to MSHDA. In accordance with governmental accounting and financial reporting standards, SLBFTA and MSHDA are not considered component units of the MSF and are reported as discretely presented component units of the State of Michigan in the fiscal year 2014 *State of Michigan Comprehensive Annual Financial Report (SOMCAFR)*. Executive Order No. 2014-8, effective July 21, 2014, abolished the SLBFTA Board of Directors and Office of Executive Director and transferred all responsibilities and functions to the executive director of MSHDA. Therefore, beginning in fiscal year 2015, SLBFTA was reported as a component unit of MSHDA.

Executive Order No. 2014-12, effective March 2015, created the Department of Talent and Economic Development (DTED) and transferred the MSF from the Department of Treasury, MSHDA from the MSF, and SLBFTA from MSHDA to DTED. The executive order also created the Michigan Talent Investment Agency (MTIA) within DTED and transferred the Workforce Development Agency (WDA) from the MSF and the Unemployment Insurance Agency (UIA) from LARA to MTIA. However, all accounting and reporting responsibilities were transferred effective October 1, 2015, and beginning in fiscal year 2016, WDA was no longer included as part of the MSF.

Executive Order No. 2015-10, effective May 2015, transferred the Michigan Energy Office (MEO) from the MEDC and the MSF to LARA. However, all accounting and reporting responsibilities were transferred effective October 1, 2015, and beginning in fiscal year 2016, MEO was no longer included as part of the MSF.

Executive Order No. 2016-23, effective March 2017, transferred the portion of the administration of the Community Development Block Grant Program and the Michigan Main Street Program performed by the Michigan State Housing Development Authority (MSHDA) to the MSF. The transfer included MSHDA's personnel who assist with the administration of the programs.

b. Financial Statement Presentation

The MSF's financial statements include the entity-wide and governmental fund financial statements. The entity-wide financial statements include the statement of net position and the statement of activities and report on the MSF as a whole. The statement of net position presents the MSF's assets, deferred outflows of resources, liabilities, deferred inflows of resources and net position. The difference between assets plus deferred outflows of resources and liabilities plus deferred inflows of resources represents the MSF's net position. The statement of activities demonstrates the degree to which direct expenses of a given function or segment are offset by program revenues. Program revenues include charges to users who directly benefit from the services, grants and contributions that are restricted to meeting the requirements of a function. Taxes and other items not meeting the definition of program revenues are reported as general revenues.

The MSF's governmental fund financial statements include the MSF's General Operations Fund, Jobs for Michigan Investment Fund (a special revenue fund), and Debt Service Fund. All of the MSF's funds are considered major funds. The MSF's three funds are accounted for in a separate set of self-balancing accounts that comprise its assets, deferred outflows of resources, liabilities, deferred inflows of resources, fund balances, revenues and expenditures. The General Operations Fund accounts for all of the activities of the MSF except those accounted for in the Jobs for Michigan Investment Fund and the Debt Service Fund. The Jobs for Michigan Investment Fund accounts for the equity funding, loan and grant activity provided for in Act 225, P.A. 2005. The Debt Service Fund accounts for the accumulation of resources for, and the payment of, principal and interest for limited obligation revenue bonds issued. Additional disclosures describing the bonds accounted for in the Debt Service Fund are provided in Note 9.

The accompanying financial statements present only the MSF. Accordingly, they do not purport to, and do not present fairly the financial position, the changes in financial position, or, where applicable, cash flows of the State of Michigan or its component units in conformity with GAAP.

c. Measurement Focus and Basis of Accounting

The entity-wide financial statements are prepared using the economic resources measurement focus and the accrual basis of accounting. Under the accrual basis of accounting, revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of

the timing of cash flows. The effect of interfund activity has been eliminated from the entity-wide financial statements.

The governmental fund financial statements are presented, using the current financial resources measurement focus and the modified accrual basis of accounting. Under the modified accrual basis of accounting, revenues are recognized as they become susceptible to accrual, generally when they are both measurable and available. Revenues are considered to be available when they are collected within the current period or soon enough thereafter to pay liabilities of the current period, generally within 60 days. Expenditures generally are recorded when a liability is incurred; however, certain expenditures related to long-term obligations are recorded only when payment is due and payable. Transfers (interfund activity) represent flows of assets (such as cash) without equivalent flows of assets in return or a requirement for repayments. In addition, transfers are recorded when a fund receiving revenue provides it to the fund which expends the resources.

d. Financial Data

(1) MSF's General Operations Fund includes the following:

- (a) Revenues: Revenues include federal revenues for Community Development Block Grants (CDBGs) from the U.S. Department of Housing and Urban Development; State appropriations from the General Fund; tribal gaming; interest earnings; fees from private activity bond (PAB) issuances; and fees from Michigan Economic Growth Authority (MEGA) and Brownfield program applications.
- (b) Expenditures: CDBG expenditures primarily consist of pass-through grants to local governmental units. Film Office expenditures consist of grants to film producers to promote film industry in Michigan. Arts and Cultural Grants expenditures consist of grants to local libraries, schools and art groups. Other program expenditures include grants for the Community Colleges Skilled Trades Equipment Program. Payments to MEDC include tribal gaming; fees from PABs, MEGA and Brownfield; and State appropriations for programs administered by MEDC. Expenditures in each of the programs also include administrative and other miscellaneous costs.
- (c) Other Financing Sources: Other financing sources consist of amount transferred to the Debt Service Fund to fund the payment of principal and interest for the Community Colleges Skilled Trades Equipment Program and the Facility for Rare Isotope Beams Project limited obligation revenue bonds.

(2) MSF's Jobs for Michigan Investment Fund primarily includes the following:

- (a) Revenues: Revenues include payments from the 21st Century Jobs Trust Fund and interest and earnings from loans and economic development equity programs.
- (b) Expenditures: Expenditures primarily consist of grants and forgivable loans to private entities, universities and colleges and expenditures for travel promotion, business marketing, business incentive programs and administration.

(3) MSF's Debt Service Fund primarily includes revenues from lease agreements and interest earned on the lease payments, bond proceeds and transfers of funds from the General Operations Fund, deposited in the bank for the accumulation of resources for, and the payment of, principal and interest for limited obligation revenue bonds.

e. Fund Balance Classifications

- (1) Restricted fund balance includes amounts that are restricted when constraints placed on the use of the resources are either externally imposed by creditors, grantors, contributors or laws or regulations of other governments or imposed by law through constitutional provisions or enabling legislation. The MSF's restricted fund balance consists of the entire fund balance in the Jobs for Michigan Investment Fund, fund balance for funds created through enabling legislation, the entire fund balance of the State Small Business Credit Initiative (SSBCI) program, the unspent cash reserves less amounts held for others and other liabilities for the various bond issuances and the entire fund balance in the Debt Service Fund at year-end (Note 12).
- (2) Committed fund balance includes amounts that can only be used for specific purposes pursuant to constraints imposed by formal action of the State Legislature through legislation passed into law. The MSF's committed fund balance consists of the fund balance for grant application fees authorized to be collected through the MSF's annual appropriations act.
- (3) Assigned fund balance includes amounts that are constrained by the MSF's intent to be used for specific purposes, but are neither restricted nor committed. The MSF's assigned fund balance consists of encumbrances funded by the MSF appropriations that were not previously restricted or committed.
- (4) Unassigned fund balance is the residual classification for the General Operations Fund and represents fund balance that has not been assigned to other funds and that has not been restricted, committed or assigned to specific purposes within the General Operations Fund.
- (5) The MSF's policy is that restricted amounts are spent first when an expenditure is incurred for purposes for which both restricted or unrestricted (committed, assigned and unassigned) resources are available. When expenditures are incurred for which only unrestricted resources are available, the intent is to use committed resources first, then assigned. Unassigned amounts are generally used only after the other resources have been used.

Note 2 Accounting Changes and Restatements

During fiscal year 2018, the MSF implemented the Governmental Accounting Standards Board (GASB) Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. As a result, the financial statements now include liabilities for postemployment benefits other than pensions (OPEB). Some of the changes in these net OPEB liabilities each year will be recognized immediately as part of the OPEB expense measurement, and part will be deferred and recognized over future years. The effects of applying this standard are disclosed in Note 8. As a result of implementing this statement, the MSF restated its beginning net position by (\$6,760,403).

Note 3 **Deposits and Investments**

a. Deposits

Deposits held by the MSF at September 30, 2018, were as follows:

Equity in common cash	\$251,427,588
Deposits	65,080,923
Capital Access Program	5,862,549
Collateral deposits	<u>55,496,451</u>
Total deposits	<u>\$377,867,511</u>

(1) Custodial Credit Risk

Custodial credit risk for deposits is the risk that, in the event of a bank failure, the MSF deposits may not be returned to it. Deposits are exposed to custodial credit risk if they are not covered by depository insurance and are uncollateralized, collateralized with securities held by the pledging financial institution, or collateralized with securities held by the pledging financial institution's trust department or agent, but not in the MSF's name.

Deposits included in the MSF's bank accounts (without recognition of outstanding checks or deposits in transit) were \$128,020,748 on September 30, 2018. The majority of these balances are from the various bank accounts within the Capital Access Program, Collateral Programs, the SSBCI checking account and various bond issuances. Of that amount, \$83,650,059 was uninsured and uncollateralized and \$8,271,749 was insured. There were deposits of \$36,098,941 uninsured and collateralized with securities held by the pledging financial institution or collateralized with securities held by the pledging financial institution's trust department or agent, but not in the MSF's name; therefore, these amounts were exposed to custodial credit risk. The MSF has no policy for controlling custodial credit risk.

The MSF's deposits included in the State of Michigan's equity in common cash are managed by the State Treasurer. The State Treasurer's policy requires financial institutions to secure State funds with collateral, to be organized under federal or State law and to maintain an office in Michigan. The policy also restricts deposits in a maximum of 50% of each financial institution's net worth. As of September 30, 2018, 99.88% of the State's common cash was either covered by federal depository insurance or collateralized with securities held in the State's name by the State's agent. Additional details on this policy are described in the *SOMCAFR*.

b. Investments

MSF invests in money market funds only. The fair value is determined by the investment custodian and provided to MSF in monthly statements. The fair value of money market funds at September 30, 2018 was \$26,988,893.

Governmental accounting standards require disclosures for investments for interest rate risk, custodial credit risk, credit risk, foreign currency risk, and concentration of credit risk:

- (1) Interest Rate Risk: Interest rate risk is the risk that changes in interest rates of debt investments will adversely affect the fair value of those investments. MSF does not have a policy regarding interest rate risk. As of September 30, 2018, MSF held only money market funds with a maturity of less than 1 year.

- (2) Custodial Credit Risk: Custodial credit risk for investments is the risk that, in the event of a failure of the counterparty to a transaction, MSF will not be able to recover the value of its investment or collateral securities that are in the possession of an outside party. Investment securities are exposed to custodial credit risk if the securities are uninsured, are not registered in the name of MSF, and are held by either the counterparty or the counterparty's trust department or agent but not in MSF's name. As of September 30, 2018, MSF did not have any investments exposed to custodial credit risk.
- (3) Credit Risk: Credit risk is the risk that an issuer or other counterparty to an investment will not fulfil its obligations. GAAP requires disclosures of the credit quality ratings of investments in debt securities. MSF does not have a policy for controlling credit risk. As of September 30, 2018, MSF's money market funds were not rated.
- (4) Foreign Currency Risk: Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of investments or deposits. As of September 30, 2018, MSF did not have any investments in foreign securities.

Note 4 **Nonexchange Financial Guarantees**

The MSF extends nonexchange financial guarantees through its Capital Access Program (CAP), collateral deposit programs and the Loan Guarantee Program (LGP). The MSF Board of Directors has the legal authority to approve the program creation and guidelines and to delegate authority for the administration of the programs. The MSF has a contractual relationship with the issuing financial entities that are issuing the obligations under all programs.

Under CAP, the MSF contributes a minimum of 3% and a maximum of 7% of the total loan amount that is deposited into a special reserve fund to cover future losses that may occur on these loans. The length of time of the guarantees varies as it is only when the issuing entity stops offering this program and all loans are paid in full that any remaining funds in the reserve fund would be returned to the MSF. Due to the high risk nature of these loans, the MSF records a liability that is limited to the amount of deposits the MSF has made to the special reserve account. As of September 30, 2018, the total amount on deposit in the reserve fund was \$5,862,549

Under the collateral deposit programs, the MSF generally guarantees up to 49.9% of the total loan amount, with a total dollar limit of \$5.0 million per project. The length of time of the guarantees is based on the length of each borrowing period as determined between the lender and the borrower. On a quarterly basis, the MSF reconciles its collateral deposit balances with the lenders and collects any monies that are contractually owed back to the MSF. Based on information obtained by the MSF from the lenders regarding the likelihood of default, the MSF did recognize a loss provision of \$1,343,415 for these deposits. The MSF has separate subordinated guarantee agreements with the borrowers for the majority of its collateral deposits, which provide the MSF with the right to recover its funds in the event of default. As of September 30, 2018, collateral deposits were \$56,839,917 which include outstanding guarantees of \$51,762,220.

Under the LGP, the MSF generally guarantees up to 80% of the total loan amount with a total program dollar limit of \$5,050,000. The length of time of the guarantees is based on the length of each borrowing period as determined between the lender and the borrower. The MSF has separate agreements with the financial institutions issuing the loans which provide the MSF payment obligations and arrangements for recovery payments. As of September 30, 2018, outstanding guarantees totaled \$5,050,000.

Note 5 **Loans Receivable and Other Assets**

Loans receivable totaled \$77,826,727 on September 30, 2018, for the Jobs for Michigan Investment Fund. These are high-risk loans issued for the purpose of diversifying Michigan's economy and helping to create jobs in competitive edge technologies. The loans were issued to organizations

that research or commercialize (transition from research to market) products, processes or services in the competitive edge technologies. These loans may be converted to EDEPs at the MSF's option with the MSF Board of Directors' approval.

The loans are for varying lengths and interest rates. Interest and loan repayments may be initially delayed for several years to provide the borrower with an opportunity to substantially complete the project. The interest receivable of \$658,466 consisting of \$409,211 in current interest receivable and \$249,255 in noncurrent interest receivable reported under other current assets and other noncurrent assets. Also interest receivable was reported as revenue on the entity-wide financial statements but as deferred inflows of resources on the governmental fund balance sheet because the revenue was not available.

Included in the Business Attraction and Economic Gardening program are forgivable loans. Forgivable loan agreements contain language that allows a portion of the loan to be forgiven when certain milestones are met. At fiscal year-end, \$16.6 million had been disbursed for this program.

Forgivable loans receivable held by the MSF as of September 30, 2018 consisted of the following:

<u>Loan Category</u>	<u>Loan Receivable</u>
Business Attraction & Economic Gardening - forgivable	\$16,638,581
Less: Forgivable portion	<u>(6,750,000)</u>
Total: Forgivable loans (net)	<u>\$ 9,888,581</u>

Non-forgivable loans receivable held by the MSF as of September 30, 2018 consisted of the following:

<u>Loan Category</u>	<u>Loan Receivable</u>
Technology Tri-Corridor	\$ 1,090,438
Competitive Edge Technology:	
Life Sciences Technology	3,710,681
Homeland Security and Defense Technology	4,898,722
Capital Conduit Program	13,454,550
Business Attraction & Economic Gardening	46,785,931
Other Loans	<u>2,250,000</u>
Total	\$ 72,190,322
Less: Allowance for uncollectible loans	<u>(4,252,176)</u>
Total: Non-forgivable loans receivable (net)	<u>\$ 67,938,146</u>
Total loans receivable (net)	<u><u>\$ 77,826,727</u></u>

Note 6 Capital Lease Receivable

As described in Note 9, the MSF issued limited obligation revenue bonds to acquire ownership in the Anderson House Office Building, the Cadillac Place Building, and a condominium unit in the Capital View Building. The MSF's capital lease agreements with the Michigan House of Representatives (Anderson House Office Building), the Department of Technology, Management, and Budget (DTMB) (Cadillac Place building), and the Michigan Senate (Capital View Building) contained lease maturity dates of October 15, 2023, September 1, 2031, and October 15, 2047, respectively. At the end of the leases, the House of Representatives, DTMB and the Senate may purchase the buildings/condominium unit for nominal amounts. The lease payments are paid to a

trustee and are being used to pay the interest and retire bonds issued to purchase the buildings/condominium unit. The lease payments are contingent upon annual appropriation by the State of Michigan, and neither the full faith and credit nor the taxing power of the State are pledged to the payments coming due under the leases. The following table summarizes the components of the MSF's net lease receivable:

Capital Lease Receivable

	<u>As of September 30, 2018</u>
Total lease payments to be received	\$322,695,657
Less: Unearned interest income*	<u>133,443,999</u>
Net investment in capital leases	<u><u>\$189,251,658</u></u>

* Unearned interest income related to the capital leases is reported as deferred inflows of resources in the Debt Service Fund on the Governmental Fund Balance Sheet and as current and long-term unearned revenue on the Statement of Net Position.

Lease payments to be received from the House of Representatives, DTMB and the Senate as of September 30, 2018:

<u>Fiscal Year Ended September 30</u>	<u>Lease Receivable</u>
2019	\$ 22,770,076
2020	23,204,828
2021	23,892,043
2022	24,598,453
2023	25,298,385
2024 - 2033	130,384,842
2034 - 2043	49,729,110
2044 - 2047	<u>22,817,919</u>
Total	<u><u>\$322,695,657</u></u>

Note 7 Pension Plans

Defined Benefit Plan

a. Plan Description

The Michigan State Employees Retirement System (System) is a single-employer, state-wide, defined benefit public employee retirement plan governed by the State of Michigan (State) and created under Public Act 240 of 1943, as amended. Section 2 of this act established the board's authority to promulgate or amend the provisions of the System. Executive Order 2015-13 signed by the Governor on October 27, 2015, established the State of Michigan Retirement Board. The executive order establishes the board authority to promulgate or amend the provisions of the System. The board consists of nine members:

- The Attorney General
- The State Treasurer

- The Legislative Auditor General
- The State Personnel Director
- One member or retirant of the State Employees' Retirement system appointed by the Governor
- One member of the Judges Retirement System appointed by the Governor
- One current or former officer or enlisted person in the Michigan Military Establishment who is a member or retirant under the Military Retirement Provisions appointed by the Governor
- One retirant member of the State Employee's Retirement System appointed by the Governor
- One member of the general public appointed by the Governor

The System's pension plan was established by the State to provide retirement, survivor and disability benefits to the State's government employees.

The Michigan State Employees' Retirement System defined benefit pension is accounted for in a separate pension trust fund and also issues a publicly available financial report that includes financial statements and required supplementary information. That report may be obtained by visiting www.michigan.gov/ors or by calling the Customer Information Center at (517) 322-5103 or 1-800-381-5111.

b. Benefits Provided

(1) Introduction

Benefit provisions of the defined benefit pension plan are established by State statute, which may be amended. Public Act 240 of 1943, State Employees' Retirement Act, as amended, establishes eligibility and benefit provisions for the defined benefit pension plan. Retirement benefits are determined by final average compensation and years of service. Members are eligible to receive a monthly benefit when they meet certain age and service requirements. The System also provides duty disability, non-duty disability and survivor benefits.

A member who has separated from employment may request a refund of his or her member contribution account. A refund may cancel a former member's rights to future benefits. However, former members who return to employment and who previously received a refund of their contributions may reinstate their service through repayment of the refund upon satisfaction of certain requirements.

Effective March 31, 1997, Public Act 487 of 1996 closed the plan to new entrants. All new employees become members of the defined contribution plan. The Public Act allows returning employees and members who left State employment on or before March 31, 1997, to elect the defined benefit plan instead of the defined contribution plan.

Public Act 185 of 2010 established a pension supplement. Members who retired under the retirement incentive of the legislation agreed to forfeit accumulated leave balances, excluding banked leave time; in exchange they receive a pension supplement for 60 months to their retirement allowance payments equal to 1/60 of the amount forfeited from funds, beginning January 1, 2011.

(2) Pension Reform of 2012

On December 15, 2011, the Governor signed Public Act 264 of 2011 into law. The legislation granted members a choice regarding their future retirement plan. They had the following options:

- Option 1: DB Classified. Members voluntarily elected to remain in the DB plan for future service and contribute 4% of their annual compensation to the pension fund until they terminate state employment. The 4% contribution began on April 1, 2012.
- Option 2: DB 30. Members voluntarily elected to remain in the DB plan for future service and contribute 4% of pay until they reach 30 years of service. When they reach 30 years of service, they will switch to the State's DC plan. The 4% contribution began April 1, 2012, and continues until they switch to the DC plan or terminate employment, whichever comes first.
- Option 3: DB/DC Blend. Members voluntarily elected not to pay the 4% and therefore became participants in the DC plan for future service beginning April 1, 2012. As a DC plan participant they receive a 4% employer contribution to their 401(k) account and are eligible for an additional dollar-for-dollar employer match of up to 3% of pay to the plan.

Deferred members of the DB plan (with 10 or more years of service) who are reemployed by the State on or after January 1, 2012, become participants in the DC plan. Their pension calculation is determined by their final average compensation (FAC) and years of service as of March 31, 2012. They retain their eligibility for the retiree health insurance premium subsidy offered by the State.

Former nonvested members of the DB plan (with less than 10 years of service) who are reemployed by the State on or after January 1, 2012, and before January 1, 2014, become participants in the DC plan. When they have earned sufficient service credit for vesting (10 years) they would be eligible for a pension based on their FAC and years of service in the DB plan as of March 31, 2012. They retain their eligibility for the retiree health insurance premium subsidy offered by the State.

Former nonvested members (with less than 10 years of service) of the DB plan who are reemployed by the State on or after January 1, 2014, become members of the DC plan. Any service credit previously earned would count towards vesting for the DC plan. They will not be eligible for any pension or retiree health insurance coverage premium but will become a participant in the Personal Healthcare Fund where they will contribute up to 2% of their compensation to a 401(k) or 457 account, earning a matching 2% employer contribution. They will also receive a credit into a health reimbursement account (HRA) at termination if they terminate employment with at least 10 years of service. The credit will be \$2,000 for participants who are at least 60 years old or \$1,000 for participants who are less than 60 years old at termination.

(3) Regular Retirement

The retirement benefit is based on a member's years of credited service (employment) and FAC. The normal benefit equals 1.5% of a member's FAC multiplied by the years and partial year of credited service and is payable monthly over the member's lifetime.

Under PA 264 of 2011, FAC is initially determined as the annual average of the highest 3 years of compensation (including overtime paid before January 1, 2012, but excluding overtime paid after December 31, 2011). If the end date for the initial FAC calculation is between January 1, 2012, and January 1, 2015, then a prorated amount of post-2008

average overtime will be added to the initial FAC calculation. If the end date for the initial FAC calculation is January 1, 2015, or later, then an annual average of overtime - for the 6-year period ending on the FAC calculation date - will be added to that initial FAC calculation to get the final FAC number.

For members who switch to the DC plan for future service, the pension calculation (FAC times 1.5% times years of service) will be determined as of the point the member switches to the DC plan. If the FAC period includes the date of the switch to the DC plan, then the FAC will include up to 240 hours of accrued annual leave multiplied by the rate of pay as of the date of the switch. The hours will be paid at separation.

A member may retire and receive a monthly benefit after attaining:

1. age 60 with 10 or more years of credited service; or
2. age 55 with 30 or more years of credited service; or
3. age 55 with at least 15 but less than 30 years of credited service. The benefit allowance is permanently reduced 0.5% for each month from the member's age on the effective date of retirement to the date the member will attain age 60.

Employees in covered positions are eligible for supplemental benefits and may retire after attaining:

1. age 51 with 25 or more years in a covered position; or
2. age 56 with 10 or more years in a covered position.

In either case, the three years immediately preceding retirement must have been in a covered position. Employees in covered positions are responsible for the custody and supervision of inmates.

(4) Deferred Retirement

Any member with 10 or more years of credited service who terminates employment but has not reached the age of retirement is a deferred member and is entitled to receive a monthly pension upon reaching age 60, provided the member's accumulated contributions have not been refunded. Deferred retirement is available after five years of service for State employees occupying unclassified positions in the executive and legislative branches and certain Department of Community Health employees subject to reduction in force lay-offs by reason of deinstitutionalization.

(5) Non-Duty Disability Benefit

A member with 10 or more years of credited service who becomes totally and permanently disabled not due to performing duties as a State employee is eligible for a non-duty disability pension. The non-duty disability benefit is computed in the same manner as an age and service allowance based upon service and salary at the time of disability.

(6) Duty Disability Benefit

A member who becomes totally and permanently disabled from performing duties as a State employee as a direct result of State employment and who has not met the age and service requirement for a regular pension, is eligible for a duty disability pension. Public Act 109 of 2004 amended the State Employees' Retirement Act to change the calculation of the pension benefit and increase the minimum annual payment. If the member is under

age 60, the duty disability allowance is now a minimum of \$6,000 payable annually. At age 60 the benefit is recomputed under service retirement.

(7) Survivor Benefit

Upon the death of a member who was vested, the surviving spouse shall receive a benefit calculated as if the member had retired the day before the date of death and selected a survivor pension. Certain designated beneficiaries can be named to receive a survivor benefit. Public Act 109 of 2004 amended the State Employees' Retirement Act to change the calculation of Duty Death benefits and redefines eligibility for deceased member's survivors. The new minimum duty-related death benefit has been increased to \$6,000.

(8) Pension Payment Options

When applying for retirement, an employee may name a person other than his or her spouse as a beneficiary if the spouse waives this right. If a beneficiary is named, the employee must choose whether the beneficiary will receive 100%, 75% or 50% of the retiree's pension benefit after the retiree's death. The decision is irrevocable. A description of the options follows.

Regular Pension - The pension benefit is computed with no beneficiary rights. If the retiree made contributions while an employee and has not received the total accumulated contributions before death, a refund of the balance of the contributions is made to the beneficiary of record. If the retiree did not make any contributions, there will not be payments to beneficiaries.

100% Survivor Pension - Under this option, after the retiree's death, the beneficiary will receive 100% of the pension for the remainder of the beneficiary's lifetime. If this option is elected, the normal retirement benefit is reduced by a factor based upon the ages of the retiree and of the beneficiary. If the beneficiary predeceases the retiree, the pension "pops-up" to the regular pension amount; another beneficiary cannot be named.

75% Survivor Pension - Under this option, after the retiree's death, the beneficiary will receive 75% of the pension for the remainder of the beneficiary's lifetime. If this option is elected, the normal retirement benefit is reduced by a factor based upon the ages of the retiree and of the beneficiary. The reduction factor is lower than the factor used in the 100% option previously described. If the beneficiary predeceases the retiree, the pension "pops-up" to the regular pension amount; another beneficiary cannot be named.

50% Survivor Pension - Under this option, after the retiree's death, the beneficiary will receive 50% of the pension for the remainder of the beneficiary's lifetime. If this option is elected, the normal retirement benefit is reduced by a factor based upon the ages of the retiree and of the beneficiary. The reduction factor is lower than the factor used in the 100% or 75% option previously described. If the beneficiary predeceases the retiree, the pension "pops-up" to the regular pension amount; another beneficiary cannot be named.

Equated Pension - An equated pension may be chosen by any member under age 65 except a disability retiree and an early supplemental retiree. Equated pensions provide an additional amount until age 65 and may be combined with Regular, 100%, 75% or 50% option. At age 65 the monthly amount is permanently reduced. The initial and reduced amounts are based on an estimate of social security benefits at age 65, provided by the Social Security Administration Office. In order to calculate this benefit, members choosing this option must provide ORS with an estimate from the Social Security Administration Office. The actual amount received from social security may vary from the estimate.

(9) Post Retirement Adjustments

One-time upward benefit adjustments were made in 1972, 1974, 1976, 1977 and 1987. Beginning October 1, 1988, a 3% non-compounding increase, up to a maximum of \$25 monthly, is paid each October to recipients who have been retired 12 full months. Beginning in 1983, eligible benefit recipients share in a distribution of investment income earned in excess of 8% annually. This distribution is known as the supplemental payment. The supplemental payment is offset by one year's cumulative increases received after the implementation of the annual 3% increase in benefits. These adjustment payments were not issued during fiscal years 1991 through 1994. Members who retired on or after October 1, 1987, are not eligible for the supplemental payment.

c. Contributions

(1) Member Contributions

Under Public Act 264 of 2011, members who voluntarily elected to remain in the DB plan contribute 4% of compensation to the retirement system. In addition, members may voluntarily contribute to the System for the purchase of creditable service, such as military service or maternity leave, or a universal buy-in. If a member terminates employment before a retirement benefit is payable, the member's contribution and interest on deposit may be refunded. If the member dies before being vested, the member's contribution and interest are refunded to the designated beneficiaries.

(2) Employer Contributions

The statute requires the employer to contribute to finance the benefits of plan members. These employer contributions are determined annually by the System's actuary and are based upon level-dollar value funding principles so the contribution rates do not have to increase over time. For fiscal year 2018, the MSF's contribution rate was 24.6% of the defined benefit employee wages and 19.73% of the defined contribution employee wages. The MSF's contribution to SERS for the fiscal year ending September 30, 2018, was \$547,468.

d. Actuarial Assumptions

The MSF's net pension liability was measured as of September 30, 2017, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of September 30, 2016, and rolled-forward using generally accepted actuarial procedures. The total pension liability was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Wage Inflation Rate	3.50%
Projected Salary Increases	3.5 - 12.5%, including wage inflation at 3.5%
Investment Rate of Return	7.5%
Cost-of-Living Pension Adjustment	3% Annual Non-Compounded with Maximum Annual Increase of \$300 for those eligible

Mortality rates were based on RP-2000 Male and Female Combined Healthy Life Mortality Tables, adjusted for mortality improvements. For retirees, 100% of the table rates were used. For active members, 50% of the table rates were used for males and females.

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 arithmetic real rates of return for each major asset class included in the pension plan's target asset allocation as of September 30, 2017, are summarized in the following table:

Asset Allocation		
Asset Class	Target Allocation	Long-Term Expected Real Rate of Return*
Domestic Equity Pools	28.0%	5.6 %
International Equity Pools	16.0%	7.2 %
Private Equity Pools	18.0%	8.7 %
Real Estate and Infrastructure Pools	10.0%	4.2 %
Fixed Income Pools	10.5%	(0.1)%
Absolute Return Pools	15.5%	5.0 %
Short-Term Investment Pools	2.0%	(0.9)%
Total	<u>100.0%</u>	

* Long-term Rate of Returns are net of administrative expenses and 2.3% inflation

e. Discount Rate

A discount rate of 7.5% was used to measure the total pension liability. This discount rate was based on the long term expected rate of return on pension plan investments of 7.5%. The projection of cash flows used to determine this discount rate assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on these 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 was applied to all periods of projected benefit payments to determine the total pension liability.

f. Net Pension Liability

At September 30, 2018, the MSF reported a liability of \$3,948,136 for its proportionate share of participating employers' net pension liability. The net pension liability was measured as of September 30, 2017, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of September 30, 2016, and rolled-forward using generally accepted actuarial procedures. The MSF's proportion of the net pension liability was based on the MSF's required pension contributions received by SERS during the measurement period October 1, 2016, through September 30, 2017, relative to the total required employer contributions from all of SERS's participating employers. At September 30, 2017, the MSF's proportion was .076%, a .009% increase from September 30, 2016.

Assumption changes are based on the adoption of the findings of an experience study covering the period October 1, 2007, through September 30, 2012.

g. Pension Liability Sensitivity

The following presents the MSF's proportionate share of the net pension liability calculated using the discount rate of 7.5%, as well as what the proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current discount rate:

	1% decrease 6.50%	Current Discount 7.50%	1% Increase 8.50%
Component proportionate share of the net pension liability	\$5,158,048	\$3,948,136	\$2,905,371

h. Pension Plan Fiduciary Net Position

Detailed information about the pension plan's fiduciary net position is available in the SERS Comprehensive Annual Financial Report that may be obtained by visiting www.michigan.gov/ors.

i. Pension Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

For the purpose 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 State Employee's Retirement System (SERS) and additions to/deductions from SERS's fiduciary net position have been determined on the accrual basis as they are reported by SERS. Contributions from the State are recognized as revenue when due and payable. Benefits and refunds are recognized when due and payable in accordance with the benefit terms.

For the year ended September 30, 2018, the MSF recognized pension expense of \$(2,646,543). At September 30, 2018, the MSF reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 905	\$
Changes of assumptions	32,500	
Net difference between projected and actual earnings on investments		236,899
Changes in proportion and difference between actual contributions and Proportionate share of contributions	29,662	(1)
Component Unit contributions subsequent to the measurement date	547,468	
Total	<u>\$ 610,535</u>	<u>\$236,898</u>

Amounts reported as deferred outflows of resources related to pensions resulting from the MSF's contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended September 30, 2019. Other amounts reported as

deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year Ended September 30	Pension Expense Amount
2019	\$ (32,651)
2020	\$ 19,233
2021	\$ (76,052)
2022	\$ (84,562)

Currently, deferred outflows of resources and deferred inflows of resources related to pensions that will be recognized in pension expense do not extend beyond the four years identified in the table above.

j. Fair Value of Investments

Plan Investments are reported at fair value. Securities traded on a national or international exchange are valued at the last reported sales price at current exchange rates. Corporate bonds not traded on a national or international exchange are based on equivalent values comparable securities with similar yield and risk. The fair value of private investments is based on the net asset value reported in the financial statements of the respective investment entity. The net asset value is determined in accordance with governing documents of the investment entity, and is subject to the independent annual audit. Securities purchased with cash collateral under securities lending activities are recorded at estimated fair value. Other investments not having an established market are recorded at fair value.

Defined Contribution Plan

The MSF reimburses MEDC for MEDC nonclassified employees working on the MSF programs. MEDC offers a defined contribution plan (under Section 401(a) of the Internal Revenue Code) to nonclassified employees after one year of service. MEDC also offers a deferred compensation plan (under Section 457 of the Internal Revenue Code) to nonclassified employees upon employment. Both plans are administered by Alerus Retirement Solutions, a third party administrator, and the employees manage their own investments. Other than making contributions to the 401(a) retirement plan, neither MEDC nor the MSF have any other pension benefit obligation liability.

On August 5, 1999, the MEDC Executive Committee approved an employer contribution rate of 8% of an employee's gross wages to the 401(a) retirement plan for eligible employees. Vesting of the benefits occurs over a five-year period. The MSF reimburses MEDC for an employer contribution rate of 8% of an employee's gross wages to the 401(a) retirement plan for eligible employees. During fiscal year 2008, the MEDC Executive Committee approved a 12% contribution rate for employees in senior vice president positions, and 18% for the President and Chief Executive Officer. All contributions are made on a biweekly basis. Employees cannot contribute to this plan. MEDC made \$1,003,161 in contributions to the 401(a) retirement plan during fiscal year 2018 and was reimbursed approximately \$190,000 of this amount from the MSF.

Neither MEDC nor the MSF make any contributions to the 457 deferred compensation plan. Only employees make contributions to this plan.

For the State Employees' Defined Contribution Retirement Plan, the MSF is required to make a contribution of 4% of the annual payroll and to match employee contributions up to 3% of annual covered payroll. The MSF's contribution to the plan was \$103,525 in fiscal year 2018. Employees participating in the defined contribution plan vest in employer contributions at 50% after 2 years of service, 75% after 3 years of service, and 100% after 4 years of service. Forfeited employer contributions are retained with the defined contribution plan are used toward future employer

required contributions. The contribution requirements of plan members and the MSF are established and may be amended by the State Legislature. The State Legislature establishes the extent to which the employer and employees are required to make contributions and establishes the benefit provisions for the plans.

Note 8 **Other Postemployment Benefits**

State Employees Retirement System Other Postemployment Benefits (SERS OPEB)

a. **Plan Description**

The Michigan State Employees Retirement System (System) is a single-employer, state-wide, defined benefit public employee retirement plan governed by the State of Michigan (State) and created under Public Act 240 of 1943, as amended. Section 2 of this act established the board's authority to promulgate or amend the provisions of the System. Executive Order 2015-13 signed by the Governor on October 27, 2016 established the State of Michigan Retirement Board. The board consists of nine members - five appointed by the Governor, which consist of two members of the State Employees' Retirement System at least one of whom is a retirant; one member of the Judges Retirement System; one current or former officer or enlisted person in the Michigan military Establishment who is a member or retirant under the Military Retirement Provisions; and one member of the general public; and the attorney general, state treasurer, legislative auditor general, and state personnel director, who serves as an ex-officio member. The System's OPEB plan provides all retirees with the option of receiving health, dental, and vision coverage under the Michigan State Employees' Retirement Act.

The Michigan State Employees' Retirement System health, dental, and vision benefit is accounted for in a separate OPEB trust fund and also issues a publicly available financial report that includes financial statements and required supplementary information. That report may be obtained by visiting www.michigan.gov/ors or by calling the Customer Information Center at (517) 322-5103 or 1-800-381-5111.

b. **Benefits Provided**

Benefit provisions of the other postemployment benefit (OPEB) plan are established by State statute, which may be amended. Public Act 240 of 1943, as amended, establishes eligibility and benefit provisions for the OPEB plan.

Defined Benefit (Tier 1) members are eligible to receive health, prescription drug, dental, and vision coverage on the first day they start receiving pension benefits. Defined Contribution (Tier 2) participants who elected to retain the graded premium subsidy benefit under the reform elections of Public Act 264 of 2011 are also eligible to receive subsidized health prescription drug, dental, and vision coverage after terminating employment, if they meet eligibility requirements. Retirees with the Premium Subsidy benefit contribute 20% of the monthly premium amount for the health (including prescription coverage), dental and vision coverage. Retirees with a graded premium subsidy benefit accrue credit towards insurance premiums in retirement, earnings a 30% subsidy with ten years of service, with an additional 3% subsidy for each year of service thereafter, not to exceed the maximum allowed by statute or 80%. There is no provision for ad hoc or automatic increases. The State Employees' Retirement Act requires joint authorization by DTMB and the Civil Service Commission to make changes to retiree medical benefit plans. Defined Contribution (Tier 2) participants who elected the Personal Healthcare Fund under Public Act 264 of 2011, and those hired on or after January 1, 2012, are not eligible for any subsidized health, prescription drug, dental or vision coverage in retirement, but may purchase it at their own expense (certain conditions apply).

Former nonvested members of the DB plan who are reemployed by the state on or after January 1, 2014 are not eligible for retiree health insurance coverage premium subsidy but will become a participant in the Personal Healthcare Fund.

This plan is closed to new hires.

c. Contributions

The statute requires the employer to contribute to finance the benefits of plan members. These employer contributions are determined annually by the System's actuary and are based upon level-percent of payroll value funding principles so the contribution rates do not have to increase over time. For fiscal year 2018, the MSF's contribution rate was 22.14% of the defined benefit employee wages and 22.14% of the defined contribution employee wages. The MSF's contribution to the OPEB trust for the fiscal year ending September 30, 2018 was \$596,671. Active employees are not required to contribute to SERS OPEB.

d. Actuarial Assumptions

The MSF's net OPEB liability was measured as of September 30, 2017, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of September 30, 2016, and rolled-forward using generally accepted actuarial procedures. The total OPEB liability was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Wage Inflation Rate	3.5%
Projected Salary Increases	3.5 - 12.5%, including wage inflation at 3.5%
Investment Rate of Return	7.5%
Health Care Cost Trend Rate	9.0% Year 1 graded to 3.5% Year 10

Mortality rates were based on RP-2000 Male and Female Combined Healthy Life Mortality Tables, adjusted for mortality improvements. For active members, 50% of the table rates were used for males and females.

The actuarial assumptions were based upon the results of an experience study covering the period October 1, 2007 through September 30, 2012.

The long-term expected rate of return on OPEB 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 OPEB 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 arithmetic real rates of return

for each major asset class included in the OPEB plan's target asset allocation as of September 30, 2017, are summarized in the following table:

<u>Asset Allocation</u>		
Asset Class	Target Allocation	Long-Term Expected Real Rate of Return*
Domestic Equity Pools	28.0%	5.6%
International Equity Pools	16.0%	7.2%
Private Equity Pools	18.0%	8.7%
Real Estate and Infrastructure Pools	10.0%	4.2%
Fixed Income Pools	10.5%	(0.1)%
Absolute Return Pools	15.5%	5.0%
Short Term Investment Pools	2.0%	(0.9)%
 Total	 <u>100.0%</u>	

* Long-term Rate of Returns are net of administrative expenses and 2.3% inflation.

For the fiscal year ended September 30, 2017, the annual money-weighted rate of return on OPEB plan investment, net of OPEB plan investment expense, was 13.30%. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

e. Discount Rate

A discount rate of 7.5% was used to measure the total OPEB liability. This discount rate was based on the long term expected rate of return on OPEB plan investments of 7.5%. The projection of cash flows used to determine this discount rate assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member (retiree) rate. Based on these assumptions, the OPEB 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 OPEB plan investments was applied to all periods of projected benefit payments to determine the total OPEB liability.

f. Net OPEB Liability

At September 30, 2018, the MSF reported a liability of \$6,202,686 for its proportionate share of participating employers' net OPEB liability. The net OPEB liability was measured as of September 30, 2017, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of September 30, 2016, and rolled-forward using generally accepted actuarial procedures. The MSF's proportion of the net OPEB liability was based on the MSF's required OPEB contributions received by SERS during the measurement period October 1, 2016, through September 30, 2017, relative to the total required employer contributions from all of SERS's participating employers. At September 30, 2017, the MSF's proportion was .075%.

The investment return assumption was updated beginning with the September 30, 2016 valuation to reflect reductions in capital market assumptions for the asset classes in which the System invests. The investment return assumption was updated again beginning with the September 30, 2017 valuation in accordance with the Dedicated Gains Policy adopted by the Board of Trustees. This assumption change will increase the computed liabilities.

g. Sensitivity of the Net OPEB Liability to Changes in the Discount Rate

As required by GASB Statement No. 75 we have determined the sensitivity of the net OPEB liability to changes in the Single Discount Rate. The following table presents the MSF's net OPEB liability, calculated using a Single Discount Rate of 7.50%, as well as what the MSF's net OPEB liability would be if it were calculated using a Single Discount Rate that is one percent lower or one percent higher:

	1% Decrease 6.5%	Current Discount 7.5%	1% Increase 8.5%
Component Unit's proportionate share of the net OPEB liability	\$ 7,061,609	\$6,202,686	\$ 5,474,856

h. Sensitivity of the NET OPEB Liability to Healthcare Cost Trend Rates

As required by GASB Statement No. 75, we have determined the sensitivity of the net OPEB liability to changes in the healthcare cost trend rates. The following table presents the MSF's net OPEB liability, calculated using the assumed trend rates as well as what the MSF's net OPEB liability would be if it were calculated using a trend rate that is one percent lower or one percent higher:

	1% Decrease 6.5%	Current Healthcare Cost Trend Rate 7.5%	1% Increase 8.5%
Component Unit's proportionate share of the net OPEB liability	\$ 5,432,512	\$6,202,686	\$ 7,085,977

i. OPEB Plan Fiduciary Net Position

Detailed information about the OPEB plan's fiduciary net position is available in the SERS Comprehensive Annual Financial Report that may be obtained by visiting www.michigan.gov/ors.

j. OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

For the year ended September 30, 2018, the MSF recognized OPEB expense of \$508,121. At September 30, 2018, the MSF reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$	\$ 44,994
Changes of assumptions		
Net difference between projected and actual earnings on investments		53,721
Changes in proportion and difference between actual contributions and proportionate share of contributions		37,850
Component Unit contributions subsequent to the measurement date	564,468	
	<u>\$564,468</u>	<u>\$136,565</u>

Amounts reported as deferred outflows of resources related to OPEB resulting from MSF's contributions subsequent to the measurement date will be recognized as a reduction of the net OPEB liability in the year ended September 30, 2019. Other amounts reported as deferred outflows and inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Year Ended September 30	OPEB Expense Amount
2019	\$ (30,047)
2020	\$ (30,047)
2021	\$ (30,047)
2022	\$ (30,047)
2023	\$ (16,377)
Thereafter	\$ -

Postemployment Life Insurance Benefits (PELIB)

a. Plan Description

The State of Michigan provides postemployment life insurance benefits (the Plan) to eligible individuals upon retirement from State employment. Members of the State Employees Retirement System (SERS), the State Police Retirement System (SPRS), the Judges' Retirement System (JRS), and certain members of the Military Retirement Provisions (MMRP) may receive a life insurance benefit if they meet the benefit eligibility requirements. The Plan is a single-employer, state-wide, defined benefit other postemployment benefits (OPEB) plan. The State contracts with Minnesota Life to administer the payout of life insurance benefits. The Plan is administered by the Michigan Civil Service Commission under Article XI, Section 5 of the Michigan Constitution of 1963 and Michigan Civil Service Commission Rule 5-11.

Activity of the Plan is accounted for in the State Sponsored Group Insurance Fund (Fund), an internal service fund in the *State of Michigan Comprehensive Annual Financial Report (SOMCAFR)*. The Fund was administratively established to account for employee insurance benefit programs, which are largely self-funded. Five group insurance programs are offered to State employees: health, dental, vision, long-term disability, and life.

The Plan is not a trust and has no assets.

b. Benefits Provided

The State's group policy with Minnesota Life includes any active employee in the category of classified State service with an appointment of at least 720 hours duration, but excluding employees with non-career appointments and those working less than 40% of full time; any active official or active unclassified employee of the State who has been approved for coverage by the Civil Service Commission; any retired employee or official who was insured under this policy or the prior policies it replaced prior to entry into a State Retirement System; and Wayne County employees who a) were State Judicial Council employees on October 1, 1996 and whose employment was transferred to the Recorder's Court on October 1, 1996 and b) whose employer subsequently became the Wayne County Clerk's Office.

Eligible retirees are provided with life insurance coverage equal to 25% of the active life insurance coverage (which amount is rounded to the next higher \$100 provided the retiree retired after July 1, 1974), \$1,000 for spouse and \$1,000 for each dependent under age 23. The active life insurance amount is either a) two times the employee's basic annual salary, the result rounded to the next higher \$1,000 if not already a multiple thereof, with a minimum of

\$100,000 and a maximum of \$200,000; or b) one times the employee’s basic annual salary, the result rounded to the next higher \$1,000 if not already a multiple thereof, with a minimum of \$10,000 and a maximum of \$50,000.

c. Contributions

The State contributes 100% of the premiums for employee and retiree life insurance coverage. The premium rate for fiscal year 2017 was \$.24 for each \$1,000.00 of coverage. The employee contributes 100% of the premiums for dependent life coverage, and an employee must have been enrolled in dependent life insurance to maintain eligibility for dependent coverage as a retiree. The State is liable for benefit payments that exceed premiums paid. The Michigan Civil Service Commission is responsible for establishing and amending funding policies.

More specific information concerning eligibility requirements, benefit level, and funding policies is included in employee collective bargaining agreements, benefit plan booklets, and rules and regulations issued by the Michigan Civil Service Commission.

d. Actuarial Assumptions

The MSF’s total OPEB liability as of the September 30, 2017 measurement date is based on an actuarial valuation performed as of September 30, 2017. The total OPEB liability as of the September 30, 2016 measurement date is based on an actuarial valuation performed as of September 30, 2015 and rolled-forward using general accepted actuarial procedures.

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short term volatility in actuarial accrued liabilities consistent with the long-term perspective of the calculations.

The normal cost and the allocation of benefit values between service rendered before and after the valuation date was determined using an Individual Entry-Age Actuarial Cost Method with these characteristics: a) the annual normal cost for each individual active member, payable from the date of employment to the date of retirement, is sufficient to accumulate the value of the member’s benefit at the time of retirement; and b) each annual normal cost is a constant percentage of the members’ year by year projected covered pay.

The total OPEB liability was measured using the following actuarial assumptions:

Wage Inflation Rate	3.5%
Investment Rate of Return (discount rate)	3.5% per year

Mortality: Healthy Life and Disabled Life Mortality (Percentages of the Male and Female rates used in the pension valuations):

	Percent of	
	Male Rates	Female Rates
MSERS	115%	121%
SPRS	111%	121%
MJRS	120%	128%
MRS	111%	121%

IBNR: A liability equal to 25% of expected first year cash flow was held for postemployment life insurance benefits claims incurred but not reported (IBNR).

Spouse Benefits for Future Retirees: The liabilities for active members were loaded to account for potential postemployment life insurance benefits payable to spouses of future retirees as follows:

MSERS plan members	3%
SPRS Non-Hybrid plan members	2%
SPRS Hybrid plan members	4%
MJRS plan members	1%
Special Duty Officer members	1%

Spouse Benefits for Current Retirees: Data regarding postemployment life insurance benefits coverage for spouses of current retirees was not available. Liabilities for retired members were loaded to account for postemployment life insurance benefits payable to the spouses of current retirees as follows:

MSERS retirees	4%
SPRS retirees	3%
MJRS retirees	2%
Special Duty Officer retirees	2%

Opt Out Factors: The data provided to the actuary for this valuation indicates that a portion of MJRS members are not members of the Plan. Approximately 52% of MJRS active members participate in the Program. A list of current retiree members of MJRS who participate in the Plan was not available. MJRS retiree member liabilities were developed by multiplying total potential MJRS retiree liabilities by 52%.

Compensation: For some MSERS retirees, FAC was not reported. The FAC for these members was assumed to be \$51,045 (the average of all MSERS retiree records reported with FAC).

For purposes of valuing the postemployment life insurance benefit policies for retirees, base wage at retirement was not available and was approximated by applying a factor to the reported FAC at retirement. The factor used to convert an FAC to a base wage is based on the length of the FAC period for each group. The factor used for each affected plan follows:

MSERS: Conservation	0.983092 (2 year FAC)
Corrections and All Others	0.966565 (3 year FAC)
SPRS: Non-Hybrid	0.983092 (2 year FAC)
Hybrid	0.934616 (5 year FAC)

For MSERS DC plan retirees, compensation at retirement and other information was not provided to the actuary. The postemployment life insurance benefit policies for this group were assumed to have the same average value as the policies for retirees in the MSERS DB plan.

Other: The face values of The Plan policies currently in force were requested by the actuary but were not available for use in this valuation. The actuary estimated the value of the postemployment life insurance benefit policies for retirees as follows:

Individuals retired after July 1974: 50% x compensation at retirement (compensation reported for the 2017 retirement system valuations)

Spousal benefits	\$1,000
Individuals retired on or before July 1974	\$3,000
Spousal benefits	\$1,000

Data for current retiree members of the Plan was not available for use in this valuation. All current retiree members of the retirement plans deemed eligible for postemployment life insurance benefits and reported in connection with the 2017 retirement valuations were included in this valuation of the Plan.

e. Discount Rate

A discount rate of 3.50% was used to measure the ending total OPEB liability for Postemployment Life Insurance Benefits as of September 30, 2017. This discount rate was based on the tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date since the plan has no assets. The municipal bond rate of 3.1% was used for determining the beginning total OPEB liability for Postemployment Life Insurance Benefits as of September 30, 2016.

For the prior valuation, dated September 30, 2015, the discount rate used was 4.0%. A decrease in the discount rate used affects the measurement of total OPEB liability for the Postemployment Life Insurance Benefits Plan by increasing its total OPEB liability.

f. Total OPEB Liability for Postemployment Life Insurance Benefits

As of September 30, 2018, the MSF reported a liability of \$929,637 for its proportionate share of the State's Postemployment Life Insurance Benefit's total OPEB liability. The total OPEB liability was determined by an actuarial valuation as of September 30, 2017. The MSF's proportion of the total OPEB liability was determined by dividing the MSF's actual contributions to the Plan during the measurement period of October 1, 2016, through September 30, 2017, by the percent of OPEB actual contributions received from all applicable employers. At September 30, 2017, the MSF's proportion was .073%.

g. Sensitivity of the Total OPEB Liability to Changes in the Discount Rate

As required by GASB Statement No. 75, the following table presents the MSF's total OPEB liability, calculated using a Single Discount Rate of 3.50%, as well as what the MSF's total OPEB liability would be if it were calculated using a Single Discount Rate that is one percent lower or one percent higher:

	1% Decrease 2.5%	Current Discount 3.5%	1% Increase 4.5%
Component Unit's proportionate share of the Total OPEB liability	\$ 1,092,695	\$929,637	\$799,657

h. OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB for Postemployment Life Insurance Benefits

For the year ended September 30, 2018, the MSF recognized OPEB expense of \$49,985. At September 30, 2018, the MSF reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between expected and actual experience	\$ 780	\$
Changes of assumptions		50,401
Net difference between projected and actual earnings on investments		
Changes in proportion and difference between actual contributions and proportionate share of contributions		
Component Unit contributions subsequent to the measurement date	<u>32,203</u>	
	<u>\$32,983</u>	<u>\$50,401</u>

Amounts reported as deferred outflows of resources related to OPEB resulting from the MSF's contributions subsequent to the measurement date will be recognized as a reduction of the net OPEB liability in the year ended September 30, 2019. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

<u>Year Ended September 30</u>	<u>OPEB Expense Amount</u>
2019	\$ (10,183)
2020	\$ (10,183)
2021	\$ (10,183)
2022	\$ (10,183)
2023	\$ (8,889)
Thereafter	\$ -

Note 9 Bonds Payable

- a. The MSF's bonds payable as of September 30, 2018, consisted of the following bonds issued and outstanding:

(1) Michigan House of Representatives, Anderson House Office Building

The MSF issued limited obligation revenue bonds Series 2008A and 2008B in the total amount of \$79,780,000 to acquire ownership in the Anderson House Office Building, located on Capitol Avenue in Lansing, Michigan. The bonds are secured by and payable from lease payments to be paid by the Michigan House of Representatives under the lease and other revenues and funds pledged under the indenture. The lease is not a general obligation of the issuer or the State. Neither the full faith and credit nor the taxing power of the State are pledged to the payments coming due under the lease.

The proceeds of the bonds were used, together with other available funds, to (a) acquire an office building containing offices for the members of the House of Representatives and their staff through (i) the defeasance of the prior owner's outstanding Certificates of

Participation and (ii) the discharge of a prior loan, (b) finance the acquisition and construction of improvements to the facilities, and (c) pay costs of issuing and insuring the bonds.

The scheduled payments of principal and interest on the bonds when due are guaranteed under the financial guarantee insurance policy issued concurrently with the delivery of the bonds by Assured Guaranty Corp. The Series A bonds (\$78,650,000) have a maturity schedule starting in fiscal year 2012 and ending in fiscal year 2024 with an interest rate yield in the range of 3.33% to 5.19%. During fiscal year 2017, the Series A maturities for fiscal years 2019 through 2024 were defeased through advance refunding. The Series B bonds (\$1,130,000) matured on October 15, 2011, with an interest rate yield of 4.00%.

(2) Michigan House of Representatives, Anderson House Office Building Series 2016 Refunding

During fiscal year 2017, the MSF issued limited obligation revenue refunding bonds Series 2016 in the total amount of \$48,345,000 for the purpose of defeasing certain maturities of the 2008 bonds, and refunding the remaining maturities on the optional redemption date of October 15, 2018. The bonds are secured by and payable from lease payments to be paid by the Michigan House of Representatives under the lease and other revenues and funds pledged under the indenture. The lease is not a general obligation of the issuer or the State. Neither the full faith and credit nor the taxing power of the State are pledged to the payments coming due under the lease.

The proceeds of the bonds were used, to (a) place cash with an escrow agent in a trust to be used solely for satisfying scheduled payments of both interest and principal of the defeased debt and (b) pay costs of issuing and insuring the bonds.

The scheduled payments of principal and interest on the bonds when due are guaranteed under the financial guarantee insurance policy issued concurrently with the delivery of the bonds by Assured Guaranty Corp. The bonds (\$48,345,000) have a maturity schedule starting in fiscal year 2018 and ending in fiscal year 2024 with an interest rate yield in the range of 0.805% to 2.522%.

(3) Cadillac Place

The MSF issued limited obligation revenue bonds Series 2011 in the total amount of \$119,115,000, of which \$71,235,000 were serial bonds and \$47,880,000 were term bonds, to acquire ownership in the Cadillac Place in Detroit, Michigan. The bonds are secured by and payable from lease payments to be paid by DTMB under the lease and other revenues and funds pledged under the indenture. The lease is not a general obligation of the issuer or of the State. Neither the full faith and credit nor the taxing power of the State are pledged to the payments coming due under the lease.

The proceeds of the bonds were used, together with other available funds, to (a) acquire an office building containing offices for several State departments and also some private tenants through the defeasance of the prior owner's outstanding Certificates of Participation and (b) pay costs of issuing the bonds.

The serial bonds (\$71,235,000) have a maturity schedule starting in fiscal year 2015 and ending in fiscal year 2027 with an interest rate yield in the range of 2.13% to 5.02%. The term bonds (\$47,880,000) have a maturity schedule starting in fiscal year 2028 and ending in fiscal year 2032 with an interest yield of 5.30%.

(4) Michigan Senate Offices Project

The MSF issued limited obligation revenue bonds Series 2015A and Series 2015B in the total amount of \$68,465,000 of which \$20,020,000 are serial bonds and \$48,445,000 are term bonds, to finance the project, which includes the costs of acquiring a certain condominium unit in the Capital View Building located at 201 Townsend Street, Lansing, Michigan. The bonds are secured by and payable from lease payments to be paid by the Michigan Senate under the lease and other revenues and funds pledged under the indenture. The lease is not a general obligation of the issuer, the lessee, or the State. Neither the full faith and credit nor the taxing power of the State are pledged to the payments coming due under the lease.

The proceeds of the bonds will be used, together with other available funds, to (a) finance the project, which includes the costs of acquiring a certain condominium unit in the Capital View Building; the installation, renovation, repair, furnishing, and equipping of the unit; and payment of relocation costs; (b) pay capitalized interest on the bonds; (c) fund a debt service reserve for the bonds; and (d) pay certain expenses in connection with the issuance of the bonds.

The Series A serial bonds (\$16,580,000) has a maturity schedule starting in fiscal year 2024 and ending in fiscal year 2036 with an interest rate yield in the range of 2.57% to 3.61%. The Series A term bonds (\$48,445,000) has a maturity schedule starting in fiscal year 2037 and ending in fiscal year 2048 with an interest rate yield in the range of 3.73% to 4.23%. The Series B serial bonds (\$3,440,000) has a maturity schedule starting in fiscal year 2019 and ending in fiscal year 2027 with an interest rate yield in the range of 2.105% to 3.813%.

(5) Community Colleges Skilled Trades Equipment Program

The MSF issued limited obligation revenue bonds Series 2015 in the total amount of \$40,725,000 to provide funds to finance reimbursement grants awarded to eligible community colleges under the Community Colleges Skilled Trades Equipment Program (CCSTEP). The bonds are secured by and payable from Security, which includes appropriated funds to be paid by the State of Michigan under the reimbursement agreement and other revenues and funds pledged under the indenture. The reimbursement agreement is not a general obligation of the issuer, or the State. Neither the full faith and credit nor the taxing power of the State are pledged to provide the appropriated funds under the reimbursement agreement.

The proceeds of the bonds will be used, together with other available funds, to (a) provide funds to finance reimbursement grants awarded to eligible community colleges under CCSTEP, and (b) pay certain costs associated with the issuance of the bonds.

The serial bonds (\$40,725,000) have a maturity schedule starting in fiscal year 2016 and ending in fiscal year 2027 with an interest rate yield in the range of .43% to 2.92%.

(6) Facility for Rare Isotope Beams Project at Michigan State University

The MSF issued limited obligation revenue bonds Series 2014 in the total amount of \$82,685,000 to provide a grant to fund the community share portion of the Facility for Rare Isotope Beams on the campus of Michigan State University. The bonds are secured by and payable from Security, which includes appropriated funds to be paid by the State of Michigan under the reimbursement agreement and other revenues and funds pledged under the indenture. The reimbursement agreement is not a general obligation of the issuer, or the State. Neither the full faith and credit nor the taxing power of the State are pledged to provide the appropriated funds under the reimbursement agreement.

The proceeds of the bonds will be used, together with other available funds to (a) provide a grant to fund the community share portion of the Facility for Rare Isotope Beams, which is a new national user facility for nuclear science to be constructed on the campus of Michigan State University, and (b) pay certain costs associated with the issuance of the bonds.

The serial bonds (\$82,685,000) have a maturity schedule starting in fiscal year 2015 and ending in fiscal year 2031 with an interest rate yield in the range of .18% to 4.13%.

The following table summarizes debt service requirements for all outstanding bonds:

Fiscal Year Ending September 30	Principal	Interest	Total
2019	\$ 22,990,000	\$ 14,416,376	\$ 37,406,376
2020	21,030,000	13,543,583	34,573,583
2021	22,385,000	12,741,112	35,126,112
2022	23,935,000	11,866,933	35,801,933
2023	25,575,000	10,901,931	36,476,931
2024 - 2028	94,255,000	39,820,429	134,075,429
2029 - 2033	64,645,000	18,031,369	82,676,369
2034 - 2038	11,925,000	10,880,163	22,805,163
2039 - 2043	17,980,000	7,113,838	25,093,838
2044 - 2048	25,065,000	2,629,300	27,694,300
Total	<u>\$329,785,000</u>	<u>\$141,945,032</u>	<u>\$471,730,032</u>

Changes in total bonds payable for the fiscal year ended September 30, 2018, were as follows:

	Beginning Balance	Additions	Reductions	Ending Balance	Amount Due Within One Year	Amount Due Thereafter
Bonds Payable	\$347,945,000	\$ 0	\$18,160,000	\$329,785,000	\$ 22,990,000	\$306,795,000
Unamortized Premium	\$ 17,922,130	\$ 0	\$ 1,554,274	\$ 16,367,856		
Total Bonds Payable	\$365,867,130	\$ 0	\$19,714,274	\$346,152,856		
Current Portion				\$ 22,990,000		
Long-Term Portion				\$323,162,856		

b. Defeased Bonds

The MSF has defeased certain bonds through advance refunding by placing the proceeds of the new bonds with an escrow agent in a trust to be used for future payment on the old debt. Accordingly, the trust account assets and the liability for the defeased bonds are not recorded as assets or liabilities in the financial statements and are not included in the other debt tables in this note. The amount of bonds outstanding considered defeased was \$44,120,000 at September 30, 2018.

Note 10 Unrecorded Limited Obligation Debt - Private Activity Bonds (PABs)

The MSF and a predecessor entity (the Michigan Job Development Authority) issued industrial development revenue bonds. In addition, the MSF issued bonds under its PAB and Taxable Bond Programs. The bonds issued are payable solely from the net revenues or other funds as described in the bond indentures and are not obligations of the MSF or the State of Michigan. After the bonds are issued, all financial activities are assumed by a trustee, depository, or paying agent. Accordingly, these obligations are not reported in the MSF financial statements. Information

regarding the status of such bond issues must be obtained from the trustee or depository for bonds, the industrial or commercial enterprise benefited by the bonds, or some other knowledgeable source.

The total amount of PABs issued by the MSF and its predecessor entity for the period January 1, 1979, through September 30, 2018, was \$10,461,986,200. The amount of tax-exempt bonds issued during fiscal year 2018 was \$62,808,000. The amount of taxable bonds issued by the MSF under the Taxable Bond Program for fiscal year 2018 was \$3,690,000.

Note 11 Other Long-Term Liabilities

The following table summarizes the changes in other long-term liabilities of the MSF for the fiscal year ended September 30, 2018:

	Beginning Balance	Additions	Reductions	Ending Balance	Due Within One Year
Capital Access Program	\$ 5,420,320	\$ 563,607	\$ 121,378	\$ 5,862,549	\$ 150,000
Compensated Absences	\$ 431,802	\$ 409,196	\$ 208,223	\$ 632,775	\$ 390,917
Net Pension Liability	\$ 3,526,301	\$ 421,835	\$ 0	\$ 3,948,136	\$ 0
Net OPEB Liabilities	\$ 7,265,979	\$ 0	\$ 133,656	\$ 7,132,323	\$ 0

a. Capital Access Program

Liabilities for the Capital Access Program consist of an obligation to reimburse financial institutions for possible future loan defaults on high-risk business loans. An asset for the same amount represents the available cash balance that can be used to reimburse the financial institutions for future loan defaults. Increases in the Capital Access Program liabilities represent fees paid by the financial institution, the MSF, and the borrower to fund the program and recoveries of defaulted loans. Reductions are payments to the financial institutions for defaulted loans. As of September 30, 2018, there were 28 financial institutions participating in the Capital Access Program.

b. Compensated Absences

Liabilities for compensated absences were included in the statement of net position, which is on the accrual basis, and not in the governmental fund balance sheet, which is on the modified accrual basis. These liabilities represent unused sick, banked, and annual leave accrued, which will be paid when the employees terminate employment by the applicable funds that account for the salaries and wages of the related employees. The liability is calculated using 100% of the employees' applicable annual, banked leave, sick and vacation time plus the Employer's share of social security and retirement contributions based on the pay rates in effect as of September 30, 2018.

c. Net Pension Liability

Liabilities for the net pension liability were included in the statement of net position, which is on the accrual basis, and not in the governmental fund balance sheet, which is on the modified accrual basis. Additional disclosures describing the net pension liability are provided in Note 7.

d. Net Other Postemployment Benefits Liabilities

Liabilities for the net other postemployment benefits (OPEB) liabilities were included in the statement of net position, which is on the accrual basis, and not in the governmental fund balance sheet, which is on the modified accrual basis. Additional disclosures describing the net OPEB liabilities are provided in Note 8.

Note 12 **Fund Balance**

Restricted fund balance (in millions) as of September 30, 2018, consists of:

Restricted by enabling legislation:	
Jobs for Michigan Investment Fund	\$522.9
Michigan Film Promotion Fund	42.6
Michigan Council for the Arts Fund	0.1
Other restricted fund balance:	
SSBCI funded programs	79.5
Brownfield	0.1
Michigan Housing Development Grant Funds	27.9
Community Colleges Skilled Trades Equipment Program	0.1
Facility for Rare Isotope Beams Project	7.4
Debt Service Fund	<u>210.3</u>
Total restricted fund balance	<u>\$890.9</u>

Committed fund balance of \$40,713 represents grant application fees authorized to be collected through the MSF's annual appropriations act. Assigned fund balance of \$1,168,700 consists of encumbrances funded with the State General Fund and unspent grant funds. Remaining fund balance is considered unassigned.

REQUIRED SUPPLEMENTARY INFORMATION

MICHIGAN STRATEGIC FUND
 Budgetary Comparison Schedule and Budget-to-GAAP Reconciliation
 For the Fiscal Year Ended September 30, 2018

Budgetary Comparison Schedule (Statutory/Budgetary Basis)	Original Budget	Final Budget	Actual	Variance With Final Budget
Beginning budgetary fund balance restated (Note 4)	\$ 309,126,301	\$ 309,126,301	\$ 309,126,301	\$ 0
Resources (inflows):				
Revenues and other sources:				
Charges for services	\$	\$	1,697,684	\$ (1,697,684)
Operating grants and contributions	58,585,400	58,585,400	23,130,440	35,454,960
Payments from the State of Michigan:				
From General Fund	87,820,300	110,976,400	109,626,400	1,350,000
From 21st Century Jobs Trust Fund (Note 2)	480,381,359	480,381,359	139,732,111	340,649,248
Other miscellaneous (Note 3)	32,137,135	32,137,135	86,624,710	(54,487,575)
Total revenues and other sources	\$ 658,924,193	\$ 682,080,293	\$ 360,811,344	\$ 321,268,950
Total resources available	\$ 968,050,494	\$ 991,206,594	\$ 669,937,644	\$ 321,268,949.53
Charges (outflows):				
Expenditures, transfers out, and encumbrances:				
Community Development Block Grants	\$ 49,773,300	\$ 49,773,300	20,510,422	\$ 29,262,878
Other interest			15,282,390	(15,282,390)
Debt service principal redemption			18,160,000	(18,160,000)
Jobs for Michigan Investment Fund	511,766,293	511,766,293	175,145,599	336,620,694
Payments to MEDC:				
Administration	2,997,500	2,997,500	2,997,500	
Job creation services	13,915,375	13,915,375	13,915,375	
MSF, special grants	2,700,000	2,700,000	2,700,000	
Michigan enhancement grants	35,897,000	57,872,000	56,372,000	1,500,000
Entrepreneurship eco-system	2,000,000	2,000,000	2,000,000	
Protect and grow	1,000,000	1,000,000	1,000,000	
Project rising tide	2,000,000	2,000,000	2,000,000	
Talent marketing	5,000,000	5,000,000	5,000,000	
Grant for Michigan law enforcement officers memorial monument IDRB, MEGA, and other program fees and tribal gaming revenue (Note 3)		1,181,100	1,181,100	
Michigan Film Office and other programs	45,468,632	45,468,632	22,799,724	22,668,908
Arts and Cultural Grants	11,150,000	10,150,000	11,724,964	(1,574,964)
Miscellaneous and receivable write-off	7,762,100	7,762,100	10,699,013	(2,936,913)
Total charges	\$ 691,430,200	\$ 713,586,300	\$ 414,768,826	\$ 298,817,474
Reconciling items:				
Changes in noncurrent assets	\$	\$ (28,264,802)	\$ (28,264,802)	\$
Net reconciling items	\$ 0	\$ (28,264,802)	\$ (28,264,802)	\$ 0
Ending budgetary fund balance	\$ 276,620,294	\$ 249,355,492	\$ 226,904,017	\$ 22,451,475
Resources (inflows):				
Actual amount (budgetary basis) of "Total resources available"			\$ 669,937,644	
Differences - Budget to GAAP:				
Beginning budgetary fund balance is a budgetary resource but is not a current year revenue for financial reporting purposes			(309,126,301)	
Total revenues (GAAP basis) on the statement of revenues, expenditures, and changes in fund balance			\$ 360,811,344	
Charges (outflows):				
Actual amount (budgetary basis) of "Total charges"			\$ 414,768,826	
Differences - Budget to GAAP:				
Loans and economic development equity programs are outflows for budgetary reporting purposes but are not expenditures for financial reporting purposes			(41,526,251)	
Total expenditures (GAAP basis) on the statement of revenues, expenditures, and changes in fund balance			\$ 373,242,575	

See accompanying notes to required supplementary information.

Notes to Required Supplementary Information - Budgetary Reporting

Note 1 Statutory Budgetary Presentation

The State of Michigan provides annual legislative appropriations to the MSF for the CDBG Program, the Jobs for Michigan Investment Fund, Arts and Cultural Grants, and other State programs. The MEDC administers the other State programs. The MSF transfers the funding for the State programs to MEDC as required by an interlocal agreement between the MSF and MEDC.

For programs financed from restricted revenues, spending authorization is generally contingent upon recognition of the related revenue.

The budgetary comparison schedule presents both the original and final appropriated budgets for fiscal year 2018, as well as the actual resource inflows, outflows and fund balance stated on the budgetary basis.

The original budget and related estimated revenues represent the spending authority enacted into annual appropriations acts, as amended, for fiscal years 2006 through 2018 and include encumbrances and multi-year projects' budgetary carry-forwards from the prior year.

The budgetary fund balance represents the total fund balance, net of reserves for noncurrent assets. Reserves for noncurrent assets do not represent current financial resources available for appropriations and are not included for budgetary purposes.

Note 2 21st Century Jobs Trust Fund and Jobs for Michigan Investment Fund

The Michigan Legislature passed a series of public acts in 2005 related to securitizing a portion of the tobacco securitization settlement funds and depositing those funds in the 21st Century Jobs Trust Fund. The MSF Act (Act 270, P.A. 1984) was also amended in 2005 to offer programs and provide funding in the form of loans, equities and grants for competitive edge technology and to diversify the economy. From the inception during fiscal year 2006 through fiscal year 2018, the Legislature has appropriated \$1,144.5 million from tobacco securitization settlement funds. The funds are retained in the 21st Century Jobs Trust Fund at the Department of Treasury and are reimbursed to the MSF as the disbursements are made. In addition to this, starting in fiscal year 2012, funds appropriated from the State General Fund (\$632.7 million) for the MSF's Business Attraction and Economic Gardening programs were transferred to the 21st Century Jobs Trust Fund pursuant to Act 252, P.A. 2011.

The MSF has received a work project authorization for all 21st Century Jobs Trust Fund-related appropriations and is thus permitted to spend unspent appropriations over multiple years. The original budget amounts for appropriation year 2006 through appropriation year 2017 reflect carry-forward of unspent appropriation from these years.

Total charges for fiscal year 2018 were \$175.1 million, of which \$41.5 million was disbursed for economic development equity programs (EDEPs) and loans. EDEPs and loans are not expenditures for financial reporting purposes and are thus listed as a budget-to-GAAP reconciling item.

The MSF received revenue of \$139.7 million from the 21st Century Jobs Trust Fund for fiscal year 2018.

Note 3 Tribal Gaming

The other miscellaneous revenues in the actual column include tribal gaming revenue of \$52.4 million. The payments to MEDC expenditures include a portion of the tribal gaming revenue transferred to MEDC according to the interlocal agreement.

Note 4 **Restatement**

The beginning budgetary fund balance was increased by \$275,086,872 for prior period accounting adjustments that were included as beginning fund balance restatements in MSF's fiscal year 2012 through 2016 basic financial statements. These should have also been included in the Budgetary Comparison Schedule.

Schedules of Required Supplementary Information - Pension Liability

Schedule of the MSF's Proportionate Share of Net Pension Liability
 State Employees' Retirement System
Last 10 years*

	2015	2016	2017	2018
MSF's Proportion of the Net Pension Liability	.483%	.453%	.067%	.076%
MSF's Proportionate Share of the Net Pension Liability	\$24,835,567	\$24,908,398	\$3,526,301	\$3,948,136
MSF's Covered Payroll	\$12,767,302	\$ 1,917,480	\$3,018,012	\$2,550,330
MSF's proportionate share of the net pension liability as a percentage of its covered payroll	194.52%	1,299.02%	116.84%	154.81%
Plan fiduciary net position as a percentage of the total pension liability	68.07%	66.11%	67.48%	69.45%

The amounts presented for each fiscal year were determined as of the prior fiscal year.

* This schedule will be expanded to include 10 years as information becomes available.

Schedule of MSF's Contributions
 State Employees' Retirement Plan
Last 10 Fiscal Years*

	2015	2016	2017	2018
Statutorily Required Contribution	\$ 3,211,137	\$ 464,846	\$ 705,105	\$ 547,468
Contributions in relation to the statutorily required contribution	\$ 3,211,137	\$ 464,846	\$ 705,105	\$ 547,468
Contribution deficiency (excess)	\$ 0	\$ 0	\$ 0	\$ 0
MSF's covered payroll	\$12,767,302	\$1,917,480	\$3,018,012	\$2,550,330
Contributions as a percentage of covered payroll	25.15%	24.24%	23.36%	21.47%

* This schedule will be expanded to include 10 years as information becomes available.

Notes to Required Supplementary Information - Pension Liability

The comparability of trend information is affected by changes in actuarial assumptions, benefit provisions, actuarial funding methods, accounting policies, and other changes. Those changes usually affect trends in contribution requirements and in ratios that use the pension and other postemployment benefit obligations as a factor.

The Schedule of Contributions is presented to show the responsibility of the Employer in meeting the actuarial requirements to maintain the System on a sound financial basis.

The Schedule of the Proportionate Share of the Net Pension Liability and Schedule of Contributions are schedules that are required in implementing GASB Statement No. 68. The Schedule of the Proportionate Share of the Net Pension Liability represents in actuarial terms, the accrued liability less the market value of assets. The Schedule of Contributions is a comparison of the employer's contributions to the actuarially determined contributions.

The information presented in the Schedule of Contributions was used in the actuarial valuation for purposes of determining actuarially determined contribution rate. Additional information as of the latest actuarial valuation for the pension plan follows.

Valuation:

Actuarially determined contribution amounts are calculated as of September 30, 2016.

Methods and Assumptions Used to Determine Contribution for Fiscal Year 2018:

Actuarial Cost Method	Entry-Age, normal
Amortization Method	Level dollar, closed
Remaining Amortization Period	19 years
Asset Valuation Method	5-year Smoothed Fair Value
Inflation	2.5%
Salary Increases	3.5% wage inflation
Investment Rate of Return	7.5% net of investment and administrative expenses
Retirement Age	Experienced-based table of rates that are specific to the type of eligibility condition
Mortality	RP-2000 Combined Health Life Mortality Tables, adjusted for mortality improvements to 2015 projection scale BB. For retirees, 100% of the table rates were used. For active members, 50% of the table rates were used for males and females.

Schedules of Required Supplementary Information - SERS OPEB Liability

Schedule of the MSF's Proportionate Share of Net OPEB Liability
 State Employees' Retirement System
Last 10 years*

	<u>2018</u>
MSF's Proportion of the Net OPEB Liability	.075%
MSF's Proportionate Share of the Net OPEB Liability	\$6,202,686
MSF's Covered Payroll	\$2,550,330
MSF's proportionate share of the net OPEB liability as a percentage of its covered payroll	243.21%
Plan fiduciary net position as a percentage of the total OPEB liability	19.89%

The amounts presented for each fiscal year were determined as of the prior fiscal year.

* This schedule will be expanded to include 10 years as information becomes available.

Schedule of the MSF's Contributions for OPEB
 State Employees' Retirement Plan
Last 10 Fiscal Years*

	<u>2018</u>
Statutorily Required Contribution	\$ 564,468
Contributions in relation to the statutorily required contribution	\$ 564,468
Contribution deficiency (excess)	\$ 0
MSF's covered payroll	\$2,550,330
Contributions as a percentage of covered payroll	22.13%

* This schedule will be expanded to include 10 years as information becomes available.

Notes to Required Supplementary Information - SERS OPEB Liability

The comparability of trend information is affected by changes in actuarial assumptions, benefit provisions, actuarial funding methods, accounting policies, and other changes. Those changes usually affect trends in contribution requirements and in ratios that use the other postemployment benefit obligations as a factor.

The Schedule of Contributions is presented to show the responsibility of the Employer in meeting the actuarial requirements to maintain the System on a sound financial basis.

The Schedule of the Proportionate Share of the Net OPEB Liability and Schedule of Contributions for OPEB are schedules that are required in implementing GASB Statement No. 75. The Schedule of Contributions is a comparison of the employer's contributions to the actuarially determined contributions.

The information presented in the Schedule of Contributions was used in the actuarial valuation for purposes of determining actuarially determined contribution rate. Additional information as of the latest actuarial valuation for the OPEB plan follows.

Valuation:

Actuarially determined contribution amounts are calculated as of September 30, 2016.

Methods and Assumptions Used to Determine Contribution for Fiscal Year 2018:

Actuarial Cost Method	Entry-Age
Amortization Method	Level-Percent of Payroll
Remaining Amortization Period	18 Years
Asset Valuation Method	Fair Value
Salary Increases	3.5%
Investment Rate of Return	7.5% Per Year
Health Care Cost Trend Rate	9.0% Year 1 Graded to 3.5% Year 10
Mortality	RP-2000 Combined Healthy Mortality Table, adjusted for mortality improvements to 2015 using projection scale BB. For men and women, 50% of the male table rates were used.

Schedule of Required Supplementary Information - PELIB OPEB Liability

Schedule of the MSF's Proportionate Share of Total OPEB Liability
Postemployment Life Insurance Benefit
Last 10 years*

	<u>2018</u>
MSF's Proportion of the total OPEB Liability	.073%
MSF's Proportionate Share of the total OPEB Liability	\$ 929,637
MSF's Covered-Employee Payroll	\$2,514,707
MSF's proportionate share of the total OPEB liability as a percentage of its covered-employee payroll	36.97%

The amounts presented for each fiscal year were determined as of the prior fiscal year.

* This schedule will be expanded to include 10 years as information becomes available.

Notes to Required Supplementary Information - PELIB OPEB Liability

The Plan is not a trust and has no assets.

