

STATE OF WISCONSIN

General Purpose External Financial Statements



For the fiscal year ended June 30, 2023

Tony Evers, Governor

Department of Administration
Kathy Blumenfeld, Secretary
Angela Thomas, State Controller

Prepared by the State Controller's Office

Table of Contents

	Page
Letter of Transmittal	1
Auditor's Report	3
General Purpose External Financial Statements:	
Management's Discussion and Analysis	8
Basic Financial Statements:	
Government-wide Financial Statements:	
Statement of Net Position	25
Statement of Activities	27
Fund Financial Statements:	
Governmental Funds:	
Balance Sheet	29
Statement of Revenues, Expenditures, and Changes in Fund Balances	31
Proprietary Funds:	
Statement of Net Position	33
Statement of Revenues, Expenses, and Changes in Fund Net Position	37
Statement of Cash Flows	39
Fiduciary Funds:	
Statement of Fiduciary Net Position	43
Statement of Changes in Fiduciary Net Position	45
Notes to the Financial Statements Index	47
Notes to the Financial Statements	48
Required Supplementary Information:	
Post employment Benefits - State Health Insurance Program	145
Postemployment Benefits - State Life Insurance Program	146
Postemployment Benefits - Supplemental Health Insurance Conversion Credit Program	147
State's Proportionate Share of Net Pension Liability or Net Pension (Asset)	148
State's Pension Contributions	149
Infrastructure Assets Reported Using the Modified Approach	150
Budgetary Comparison Schedule - General Fund	153
Budgetary Comparison Schedule - Transportation Fund	154
Notes to Required Supplementary Information - Budgetary Information	155



STATE OF WISCONSIN
DEPARTMENT OF ADMINISTRATION

Tony Evers, Governor
Kathy Blumenfeld, Secretary
Brian Pahnke, Administrator

December 20, 2023

The Honorable Tony Evers
The Honorable Members of the Legislature
Citizens of the State of Wisconsin

We are pleased to submit the General Purpose External Financial Statements of the State of Wisconsin for the fiscal year ended June 30, 2023. They are part of the audited Annual Comprehensive Financial Report and present financial information in conformity with generally accepted accounting principles.

The General Purpose External Financial Statements include management's discussion and analysis (MD&A), the basic financial statements, and required supplementary information (RSI).

- MD&A presents a discussion and analysis of the State's financial performance during the fiscal year.
- The basic financial statements include an overview of the government as a whole (excluding the State's fiduciary activities) as well as detailed information on all governmental, proprietary, and fiduciary fund activity. Notes, which are considered part of the basic financial statements, provide additional information and should be used in conjunction with the financial statements.
- RSI includes information on post-employment health insurance benefits, the State's proportionate share of the net pension liability, the State's pension contribution, infrastructure and the budgetary comparison schedule with accompanying notes.

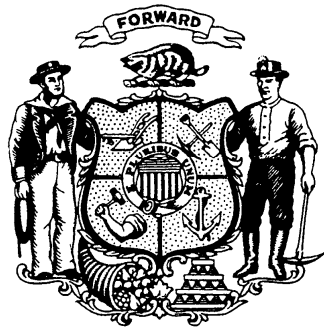
The General Purpose External Financial Statements, as well as the Annual Comprehensive Financial Report, are on file at the office of the State Controller and will benefit users requiring summary information about our State's finances. The Annual Comprehensive Financial Report is available on the Department of Administration's website.

Sincerely,

Kathy Blumenfeld
Secretary

Angela Thomas, CPA
State Controller

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STATE OF WISCONSIN

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

Honorable Members of the Legislature

The Honorable Tony Evers, Governor

Report on the Audit of the Financial Statements

Opinions

We have audited the financial statements of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information of the State of Wisconsin as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the State of Wisconsin's basic financial statements, as listed in the table of contents.

In our opinion, based on our audit and the reports of the other auditors, the accompanying financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information of the State of Wisconsin as of June 30, 2023, the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

We did not audit the financial statements for the Environmental Improvement Fund, which is a major fund and represents 15.5 percent of the assets of the business-type activities, and the Deferred Compensation Fund, which represents 3.5 percent of the assets of the aggregate remaining fund information. Those financial statements were audited by other auditors whose reports have been furnished to us, and our opinions, insofar as they relate to the amounts included for these funds, are based solely on the reports of the other auditors. In addition, we did not audit the financial statements of the Wisconsin Housing and Economic Development Authority, the University of Wisconsin (UW) Hospitals and Clinics Authority, and the UW Foundation, which represent 98.9 percent of the total assets and deferred outflows of resources of the aggregate discretely presented component units. Those financial statements were audited by other auditors whose reports have been furnished to us, and our opinion in so far as it relates to the amounts included for the aggregate discretely presented component units is based solely upon these audit reports.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, which is issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibility for the Audit of the Financial Statements section. We are required to be independent of the State of Wisconsin and to meet our

other ethical responsibilities in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions. The financial statements for the Environmental Improvement Fund, UW Hospitals and Clinics Authority, and the Wisconsin Housing and Economic Development Authority were audited by other auditors in accordance with these standards. The financial statements of the Deferred Compensation Fund and the UW Foundation were audited by other auditors in accordance with auditing standards generally accepted in the United States of America, but not in accordance with *Government Auditing Standards*.

Emphases of Matters

As discussed in Note 5B, the financial statements include investments that do not have readily ascertainable market prices. Some of these investments are valued based on a variety of third-party pricing methods and others, such as private fund investments, are reported based on net asset value. Because of the inherent uncertainty of valuation, these estimated values may differ from the values that could be realized in a secondary market transaction or the amount ultimately realized.

As discussed in Note 5B, as of June 30, 2023, the State Investment Fund held \$5.0 billion in a repurchase agreement with the Wisconsin Retirement System (WRS). The investments of the State Investment Fund and the WRS are both administered by the State of Wisconsin Investment Board.

Certain account balances cannot be measured precisely but must be estimated, including actuarially accrued liabilities and infrastructure assets reported in the financial statements and notes. Notes 14, 17, 18, and 20 include a discussion of estimates used by funds that accrue liabilities based upon actuarial information, including assumptions used in their calculation, and other sources. Note 1E includes information related to the estimated historical cost of infrastructure assets constructed prior to July 1, 2000. Because estimates are based upon information available when the financial statements are prepared, actual values may differ from the estimated amounts. These differences cannot be quantified.

As discussed in Note 1D, the State of Wisconsin implemented Governmental Accounting Standards Board (GASB) Statement Number 96, *Subscription-Based Information Technology Arrangements*, which changed accounting and financial reporting for certain information technology software. As reported in Note 23 to the financial statements, some beginning net position amounts were restated to reflect implementation of this new standard.

Our opinions are not modified with respect to these matters.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

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

Auditor's Responsibility for the Audit of the Financial Statements

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

In performing an audit in accordance with auditing standards generally accepted in the United States of America and *Government Auditing Standards*, we exercised professional judgment and maintained professional skepticism throughout the audit. We also identified and assessed the risks of material misstatement of the financial statements, whether due to fraud or error, and designed and performed audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.

In addition, we obtained an understanding of internal control relevant to the audit in order to design audit procedures that were appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the State of Wisconsin's internal control. Accordingly, no such opinion is expressed. We also evaluated the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, and evaluated the overall presentation of the financial statements. We also concluded, in our judgment, there were no conditions or events, considered in the aggregate, that raise substantial doubt about the State of Wisconsin's ability to continue as a going concern for a reasonable period of time.

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

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis and the following items in the required supplementary information section, as listed in the table of contents—Postemployment Benefits–State Health Insurance Program, Postemployment Benefits–State Life Insurance Program, Postemployment Benefits–Supplemental Health Insurance Conversion Credit Program, State's Proportionate Share of Net Pension Liability or Net Pension (Asset), State's Pension Contributions, Infrastructure Assets Reported Using the Modified Approach, Budgetary Comparison Schedule–General Fund, Budgetary Comparison Schedule–Transportation Fund, and Notes to Required Supplementary Information–Budgetary Information—be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by GASB that 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. These procedures 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 have also issued our report dated December 19, 2023, and published in report 23-26, on our consideration of the State of Wisconsin's internal control over financial reporting; 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 result of that testing, and not to provide an opinion on the effectiveness of the State of Wisconsin'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* and should be used when considering the State of Wisconsin's internal control over financial reporting and compliance.

LEGISLATIVE AUDIT BUREAU



December 19, 2023

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MANAGEMENT'S DISCUSSION AND ANALYSIS

The *Management's Discussion and Analysis* of the State of Wisconsin's Annual Comprehensive Financial Report (ACFR) presents a discussion and analysis of the State's financial performance during the fiscal year that ended June 30, 2023. It should be read in conjunction with the transmittal letter located at the front of this ACFR, and the State's financial statements, including the note disclosures which are an integral part of the statements, that follow this part of the ACFR.

FINANCIAL HIGHLIGHTS -- PRIMARY GOVERNMENT

Government-wide (Tables 2 and 3 on Pages 11 and 12)

- *Net Position.* The assets plus deferred outflows of resources of the State of Wisconsin exceeded its liabilities plus deferred inflows of resources at the close of Fiscal Year 2023 by \$39.5 billion (reported as "net position"). Of this amount, \$2.4 billion was reported as "unrestricted net position". The balance in unrestricted net position represents the amount available to be used to meet a government's ongoing obligations to citizens and creditors.
- *Changes in Net Position.* The State's total net position increased by \$2.5 billion in Fiscal Year 2023. Net position of governmental activities increased by \$2.4 billion or 9.8 percent, while net position of the business-type activities showed an increase of \$57.5 million or 0.5 percent.
- *Excess of Revenues over (under) Expenses -- Governmental Activities.* During Fiscal Year 2023, the State's total revenues for governmental activities of \$42.8 billion were \$4.0 billion more than total expenses (excluding transfers) for governmental activities of \$38.9 billion. Of these expenses, \$20.2 billion were covered by program revenues. General revenues, generated primarily from various taxes, totaled \$22.6 billion.

Fund

- *Governmental Funds -- Fund Balances.* As of the close of Fiscal Year 2023, the State's governmental funds reported combined ending fund balances of \$10.6 billion, an increase of \$2.5 billion in comparison with the prior year. Of this total amount, \$3.7 billion represents the unassigned fund balances.
- *General Fund -- Fund Balance.* At the end of Fiscal Year 2023, total fund balance was \$6.7 billion, a change of \$2.0 billion from \$4.7 billion in the prior year. The unassigned fund balance for the General Fund was \$3.8 billion, or 11.2 percent of total General Fund expenditures.

Additional information regarding individual funds begins on page 16.

Long-term Debt

- The State's total long-term debt obligations (bonds, notes, and certificates of participation payable) decreased by \$176.4 million during the current fiscal year which represents the net difference between new issuances, payments and refundings of outstanding debt. Decreases in debt resulted primarily from repayments in excess of new debt issued. During the year repayments of general obligation debt exceeded new issuances by \$358.1 million. Repayments of certificates of participation exceeded new issuances by \$1.5 million. Revenue bonds outstanding decreased by \$1.6 million. Annual appropriation bonds outstanding increased by \$184.7 million.

Additional detail regarding these activities begins on page 21.

OVERVIEW OF THE FINANCIAL STATEMENTS

The Financial Section of this ACFR consists of four parts: (1) **management's discussion and analysis** (this section), (2) **basic financial statements**, (3) additional **required supplementary information**, and (4) optional **other supplementary information**. Parts (2), (3), and (4) are briefly described on the following pages:

Basic Financial Statements

The basic financial statements include two sets of statements that present different views of the State -- the **government-wide financial statements** and the **fund financial statements**. These financial statements also include notes that explain some of the information in the financial statements and provide more detail.

- The *government-wide financial statements* provide a broad view of the State’s operations. The statements provide both short-term and long-term information about the State’s financial status, which assists in assessing the State’s financial condition at the end of the fiscal year.
- The *fund financial statements* focus on individual parts of the State government, reporting the State’s operations in greater detail than the government-wide statements. The basic fund financial statements provide more detailed information on the State’s most significant funds.

Table 1, below, summarizes the major features of the financial statements.

Table 1				
Major Features of State of Wisconsin’s Government-wide and Fund Financial Statements				
	GOVERNMENT-WIDE STATEMENTS	FUND STATEMENTS		
		Governmental Funds	Proprietary Funds	Fiduciary Funds
Scope	<p>Entire State government (except fiduciary funds) and the State’s component units, reported as follows:</p> <ul style="list-style-type: none"> • <i>Governmental Activities</i> – Most services generally associated with State government fall into this category, including commerce, education, transportation, environmental resources, human relations and resources, general executive, judicial and legislative. • <i>Business-Type Activities</i> – Those operations for which a fee is charged to external users for goods and services are reported in this category. • <i>Discretely Presented Component Units</i> – These are operations for which the State has financial accountability but that have certain independent qualities. The State’s discretely presented component units are discussed in Note 1-B to the financial statements. 	<p>These funds report activities of the State that are not proprietary or fiduciary in nature. Most of the basic services provided by the State, which are primarily financed through taxes, intergovernmental revenues, and other nonexchange revenues, are reported as governmental funds.</p> <p>Examples of the State’s governmental funds (including the State’s two major governmental funds), as reported within their respective fund types, follow:</p> <ul style="list-style-type: none"> • <i>General Fund</i> (major fund) • <i>Special Revenue:</i> <ul style="list-style-type: none"> – Transportation (major fund) • <i>Debt Service:</i> <ul style="list-style-type: none"> – Bond Security and Redemption • <i>Capital Projects:</i> <ul style="list-style-type: none"> – Capital Improvement • <i>Permanent:</i> <ul style="list-style-type: none"> – Common School 	<p>The activities the State operates similar to private business. These funds are used to show activities that operate more like those of commercial enterprises. Fees are charged for services provided, both to outside customers and to other units of the State.</p> <p>Examples of the State’s proprietary funds, including the State’s three major enterprise funds, follow:</p> <ul style="list-style-type: none"> • <i>Enterprise:</i> <ul style="list-style-type: none"> – Environmental Improvement (major fund) – University of Wisconsin System (major fund) – Unemployment Reserve (major fund) – Lottery • <i>Internal services:</i> <ul style="list-style-type: none"> – Technology Services – Facilities Operations and Maintenance 	<p>These funds are used to show assets held by the State as trustee or agent for others and cannot be used to support the State’s own programs.</p> <p>Examples of the State’s fiduciary funds, as reported within their respective fund types, follow:</p> <ul style="list-style-type: none"> • <i>Pension and Other Employee Benefit Trust Funds:</i> <ul style="list-style-type: none"> – Wisconsin Retirement System • <i>Investment Trust:</i> <ul style="list-style-type: none"> – Local Government Pooled Investment • <i>Private Purpose Trust:</i> <ul style="list-style-type: none"> – Tuition Trust • <i>Custodial:</i> <ul style="list-style-type: none"> – Support Collection Trust
Required financial statements	<ul style="list-style-type: none"> • Statement of net position – Presents all of the government’s assets and deferred outflows of resources, and liabilities and deferred inflows of resources, with the difference between the two reported as “net position”. Over time, increases or decreases in the State’s net position is an indicator of whether its financial health is improving or weakening, respectively. • Statement of activities – Presents a comparison between direct expenses and program revenues for each function of the State’s governmental activities and for different identifiable business-type activities of the State. 	<ul style="list-style-type: none"> • Balance sheet • Statement of revenues, expenditures, and changes in fund balances 	<ul style="list-style-type: none"> • Statement of net position • Statement of revenues, expenses and changes in fund net position • Statement of cash flows 	<ul style="list-style-type: none"> • Statement of fiduciary net position • Statement of changes in fiduciary net position <p>Because the State cannot use these assets to finance its operations, fiduciary funds are not included in the government-wide financial statements discussed in the left column.</p>

(Table 1, continued)

Table 1 (Continued)

Major Features of State of Wisconsin’s Government-wide and Fund Financial Statements

	GOVERNMENT-WIDE STATEMENTS	FUND STATEMENTS		
		Governmental Funds	Proprietary Funds	Fiduciary Funds
Accounting basis and measurement focus	Accrual accounting and economic resource focus The accrual basis of accounting, which is similar to the methods used by most businesses, takes into account all revenues and expenses associated with the fiscal year even if cash involved has not been received or paid.	Modified accrual accounting and current financial resource focus These statements provide a detailed short-term view of the State’s finances that assists in determining whether there will be adequate financial resources available to meet the current needs of the State. Because this information does not encompass the long-term focus of the government-wide statements, reconciliations are provided on the subsequent page of the governmental fund statements.	Accrual accounting and economic resources focus	Accrual accounting and economic resources focus
Type of asset, deferred outflows of resources, liability, deferred inflows of resources information	All assets and liabilities, both financial and capital, and short-term and long-term. Deferred inflows/outflows of resources reported only in limited instances as required by GASB standards.	Only assets expected to be used up and liabilities that come due during the year or soon thereafter; no capital assets included	All assets and liabilities, both financial and capital, and short-term and long-term	All assets and liabilities, both short-term and long-term
Type of inflow-outflow information	All revenues and expenses during the year, regardless of when cash is received or paid	<ul style="list-style-type: none"> Revenues for which cash is received during or soon after the end of the year Expenditures when goods or services have been received and payment is due during the year or soon thereafter 	All revenues and expenses during the year, regardless of when cash is received or paid	All revenues and expenses during the year, regardless of when cash is received or paid

Additional Required Supplementary Information

In addition to this Management’s Discussion and Analysis, which is required supplementary information, the basic financial statements are followed by a section of required supplemental information that further explains and supports the information in the financial statements. The required supplementary information includes:

- Postemployment Benefits - State Health Insurance Program, State Life Insurance Program and Supplemental Health Insurance Conversion Credit Program,
- State’s Proportionate Share of the Net Pension Liability or Net Pension Asset,
- State’s Pension Contributions,
- Infrastructure Assets Reported Using the Modified Approach, and
- Budgetary Comparison Schedule of the General and the Transportation funds (includes reconciliations between the statutory and GAAP fund balances at fiscal year-end).

Other Supplementary Information

The Other Supplementary Information includes combining financial statements for nonmajor governmental funds, nonmajor enterprise funds, internal service funds and fiduciary funds, each of which are added together and presented in single columns in the basic financial statements.

FINANCIAL ANALYSIS OF THE STATE AS A WHOLE

Tables 2 and 3 present summary information of the State's net position and changes in net position.

Net Position

As presented in Table 2, total assets of the State on June 30, 2023 were \$66.2 billion and deferred outflows of resources were \$6.4 billion, while total liabilities were \$29.1 billion and deferred inflows of resources were \$4.0 billion, resulting in combined net position (governmental and business-type activities) of \$39.5 billion. The largest component of the State's total net position consists of \$26.1 billion invested in capital assets (i.e., land, buildings, equipment, infrastructure, and others), less any related debt outstanding that was needed to acquire or construct the assets. Approximately \$11.0 billion of net position was restricted by external sources or the State Constitution or Statutes and was not available to finance the day-to-day operations of the State.

The unrestricted net position, when positive, can be used at the State's discretion, showed a balance of \$2.4 billion. This is the first time the State has shown a positive unrestricted net position since the implementation of GASB 34 in Fiscal Year 2002.

During Fiscal Year 2023, the State issued \$1.4 billion of general obligation bonds, primarily for the acquisition or improvement of land, water, property, highways, buildings, and equipment. At June 30, 2023 general obligation bonds and long-term general obligation notes outstanding totaled \$7.1 billion. Certificates of participation, annual appropriation bonds, and revenue bonds are not considered general obligation debt of the State. The outstanding amount of these totaled \$66.2 million of certificates of participation, \$2.9 billion of annual appropriation bonds, and \$2.3 billion of revenue bonds.

	Governmental Activities		Business-type Activities		Total		Total Percentage Change 2023-2022
	2023	2022*	2023	2022*	2023	2022*	
Current and Other Assets	\$ 21,202.2	\$ 20,587.9	\$ 11,040.5	\$ 12,265.1	\$ 32,242.7	\$ 32,852.9	(1.9)%
Capital Assets	27,531.8	26,894.7	6,439.5	6,221.1	33,971.3	33,115.7	2.6
Total Assets	48,733.9	47,482.5	17,480.0	18,486.2	66,213.9	65,968.7	0.4
Deferred Outflows of Resources	3,121.7	2,596.6	3,300.6	2,699.0	6,422.3	5,295.6	21.3
Long-term Liabilities	14,736.3	14,068.9	5,255.8	4,617.7	19,992.0	18,686.6	7.0
Other Liabilities	7,908.8	8,311.8	1,234.5	1,218.7	9,143.3	9,530.5	(4.1)
Total Liabilities	22,645.1	22,380.7	6,490.2	5,836.4	29,135.3	28,217.1	3.3
Deferred Inflows of Resources	1,889.4	2,822.0	2,086.1	3,202.1	3,975.6	6,024.1	(34.0)
Net Position:							
Net investment In							
Capital Assets	23,223.9	22,259.6	4,406.6	4,128.8	26,074.8	24,816.4	5.1
Restricted	3,947.0	4,889.6	7,096.8	8,305.9	11,043.8	13,195.5	(16.3)
Unrestricted (deficit)	150.2	(2,272.8)	700.8	(287.9)	2,406.7	(988.7)	343.4
Total Net Position	\$ 27,321.1	\$ 24,876.4	\$ 12,204.2	\$ 12,146.7	\$ 39,525.3	\$ 37,023.1	6.8 %

* Amounts for the prior fiscal year include restatements of prior year's balances.

Changes in Net Position

The revenues and expenses information, as shown in Table 3, was derived from the government-wide statement of activities and reflects how the State's net position changed during the fiscal year. The State earned program revenues of \$28.9 billion and general revenues of \$22.7 billion for total revenues of \$51.6 billion during Fiscal Year 2023. Expenses for the State during Fiscal Year 2023 were \$49.1 billion. As a result of the excess of revenues over expenses, the total net position of the State increased \$2.5 billion, net of contributions and transfers.

	Governmental Activities		Business-type Activities		Total Primary Government		Percent Change 2023-2022
	2023	2022*	2023	2022*	2023	2022*	
Program Revenues:							
Charges for Services	\$ 2,580.3	\$ 2,620.0	\$ 7,962.7	\$ 7,353.8	\$ 10,543.0	\$ 9,973.8	5.7 %
Operating Grants and Contributions	16,340.9	16,516.6	711.1	1,206.2	17,052.1	17,722.8	(3.8)
Capital Grants and Contributions	1,278.3	1,002.7	21.8	18.9	1,300.1	1,021.6	27.3
General Revenues:							
Income Taxes	11,644.8	12,902.6	—	—	11,644.8	12,902.6	(9.7)
Sales and Excise Taxes	8,287.8	7,827.2	—	—	8,287.8	7,827.2	5.9
Public Utility Taxes	361.3	378.2	—	—	361.3	378.2	(4.5)
Motor Fuel Taxes	1,122.1	1,120.0	—	—	1,122.1	1,120.0	0.2
Other Taxes	492.9	501.4	—	—	492.9	501.4	(1.7)
Other General Revenues	697.8	950.1	48.1	(14.9)	745.9	935.2	(20.2)
Total Revenues	42,806.3	43,818.8	8,743.7	8,564.0	51,550.0	52,382.8	(1.6)
Program Expenses:							
Commerce	598.9	517.7	—	—	598.9	517.7	15.7
Education	9,397.6	9,102.3	—	—	9,397.6	9,102.3	3.2
Transportation	3,032.4	2,577.4	—	—	3,032.4	2,577.4	17.7
Environmental Resources	580.7	499.7	—	—	580.7	499.7	16.2
Human Relations and Resources	20,502.7	19,471.1	—	—	20,502.7	19,471.1	5.3
General Executive	1,412.6	1,723.0	—	—	1,412.6	1,723.0	(18.0)
Judicial	169.3	146.9	—	—	169.3	146.9	15.3
Legislative	86.5	76.2	—	—	86.5	76.2	13.4
Tax Relief and Other General Expenditures	1,663.9	1,597.1	—	—	1,663.9	1,597.1	4.2
Intergovernmental - Shared Revenue	1,073.4	1,074.9	—	—	1,073.4	1,074.9	(0.1)
Interest on Long-term Debt	334.5	313.3	—	—	334.5	313.3	6.8
Injured Patients and Families Compensation	—	—	27.3	50.3	27.3	50.3	(45.7)
Environmental Improvement	—	—	83.0	66.0	83.0	66.0	25.9
University of Wisconsin System	—	—	6,331.1	5,373.3	6,331.1	5,373.3	17.8
Unemployment Reserve	—	—	312.0	684.5	312.0	684.5	(54.4)
Lottery	—	—	1,051.5	973.5	1,051.5	973.5	8.0
Health Insurance	—	—	1,734.2	1,691.3	1,734.2	1,691.3	2.5
Care and Treatment Facilities	—	—	502.7	408.1	502.7	408.1	23.2
Other Business-type	—	—	169.4	176.0	169.4	176.0	(3.8)
Total Expenses	38,852.5	37,099.7	10,211.2	9,423.0	49,063.8	46,522.6	5.5
Excess (deficiency) before Contributions, Special Items and Transfers							
	3,953.8	6,719.1	(1,467.5)	(859.0)	2,486.2	5,860.1	
Endowments	—	—	5.4	1.1	5.4	1.1	
Contributions to Permanent Fund Principal	10.6	12.1	—	—	10.6	12.1	
Transfers	(1,519.6)	(1,416.0)	1,519.6	1,416.0	—	—	
Increase (decrease) in Net Position	2,444.7	5,315.2	57.5	558.1	2,502.3	5,873.3	
Net Position - Beginning (Restated)	24,876.4	19,561.2	12,146.7	11,588.6	37,023.1	31,149.8	
Net Position - Ending	\$ 27,321.1	\$ 24,876.4	\$ 12,204.2	\$ 12,146.7	\$ 39,525.3	\$ 37,023.1	6.8 %

* Amounts for the prior fiscal year include restatements of prior year's balances.

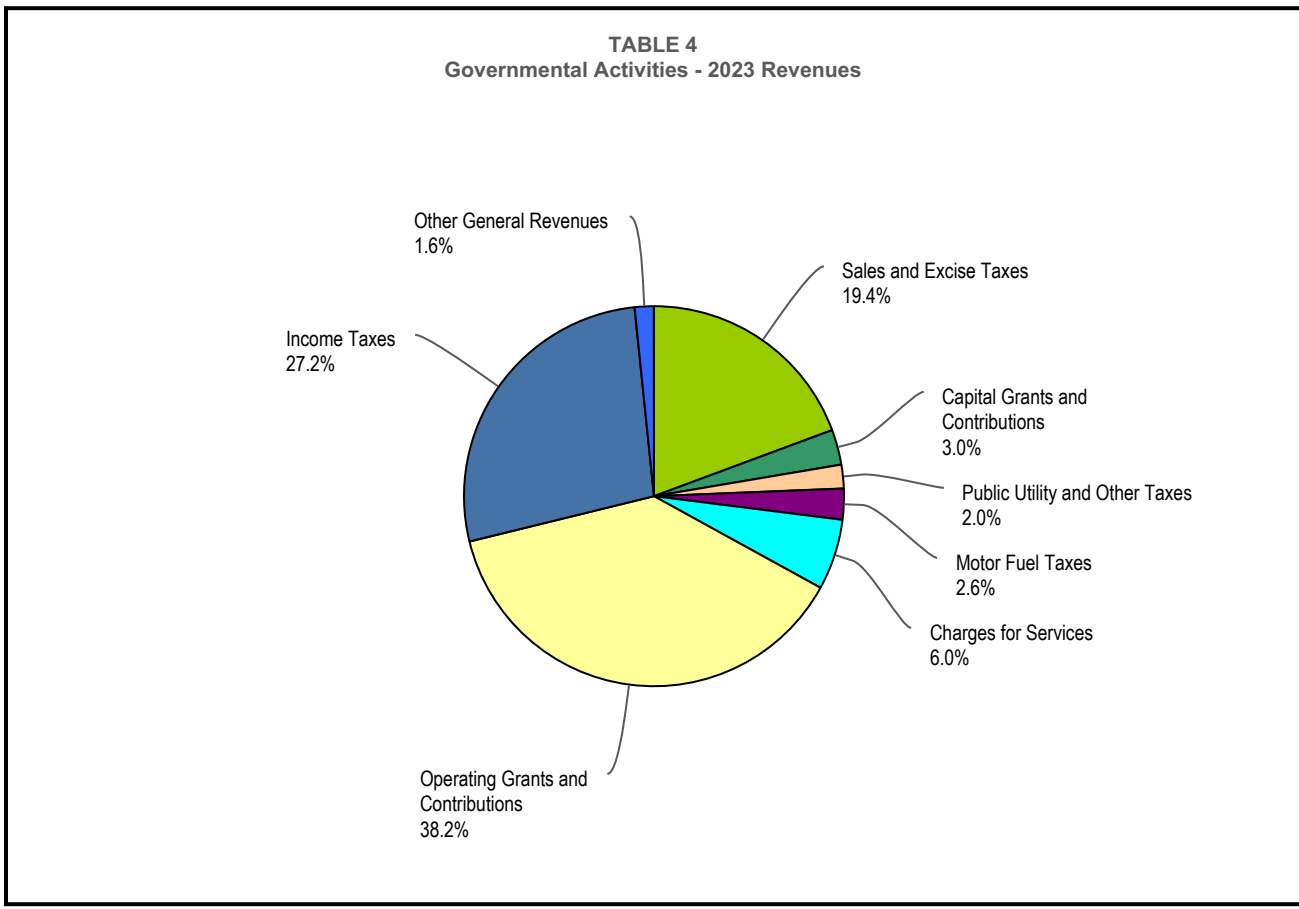
Governmental Activities

The net position of governmental activities increased \$2.4 billion in Fiscal Year 2023. Revenues for the governmental activities (including contributions to permanent fund principal) totaled \$42.8 billion, while expenses and net transfers totaled \$40.4 billion in Fiscal Year 2023.

General and program revenues of governmental activities decreased \$(1.0) billion during Fiscal Year 2023. Tax revenues decreased \$(820.5) million primarily due to decreases in income taxes, public utility taxes and other taxes of \$(1.3) billion and \$(16.9) million, and \$(8.5) million, respectively. Sales and excise taxes and motor fuel taxes increased \$460.6 million, \$2.1 million, respectively, from the prior year. Other revenues, operating grants and charges for services decreased by \$(253.8) million, \$(175.7) million, and \$(39.7) million, respectively. In addition capital grants increased \$275.6 million.

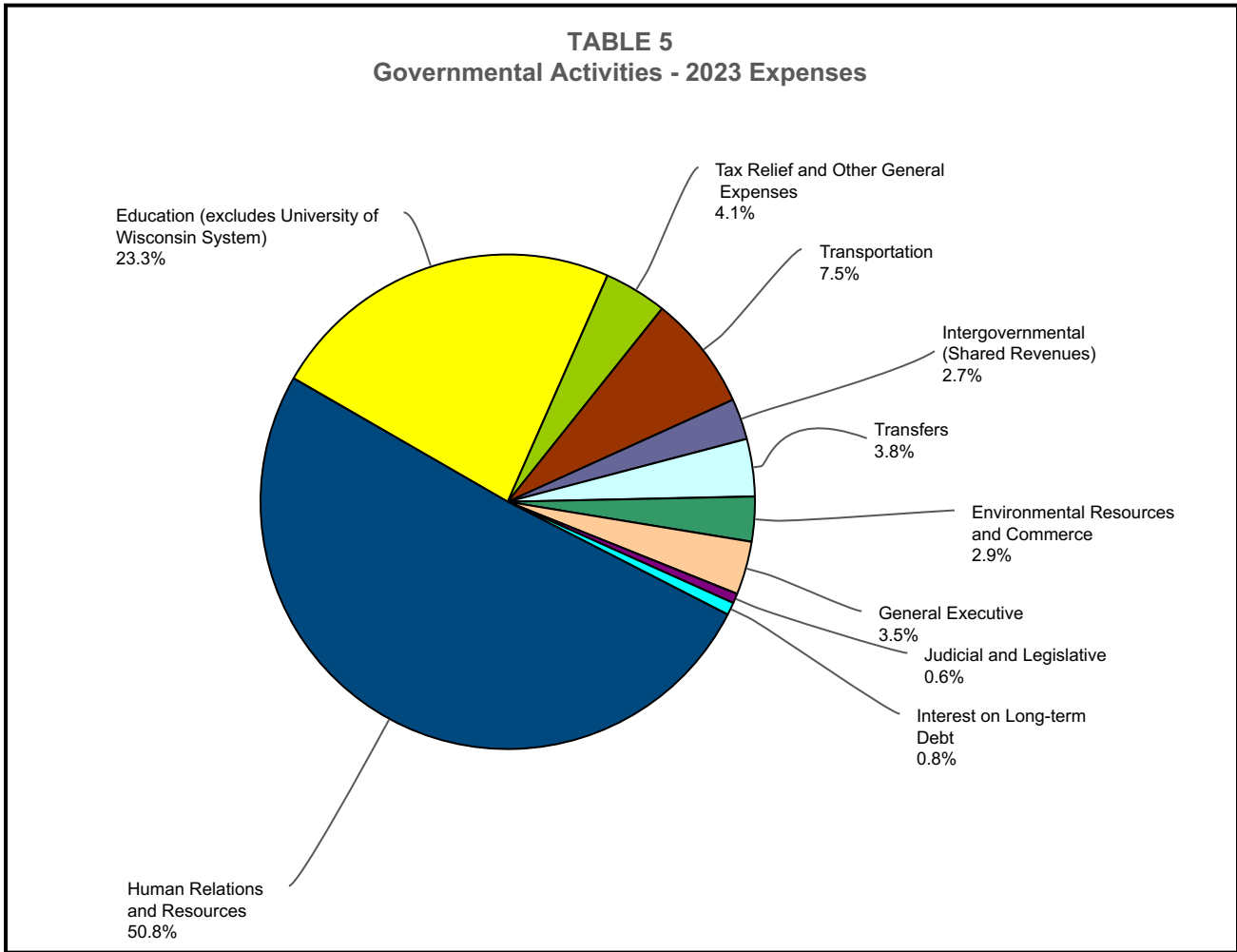
The State’s governmental activities program expenses increased \$1.8 billion to \$38.9 billion during Fiscal Year 2023. Human relations and resources expenses increased by \$1.0 billion (5.3 percent) to a total of \$20.5 billion, due to increases in medical costs. Transportation expenses increased \$455.0 million (17.7 percent) to \$3.0 billion as the result of increased operating costs to maintain and preserve infrastructure. Education expenses increased by \$295.3 million (3.2 percent) to \$9.4 billion, due to increases in general equalization aids, parental choice program for eligible school districts, aids for special education and school-age parents programs. Commerce, environmental resources, tax relief and other general expenses, and judicial expenses increased \$81.2 million, \$81.0 million, \$66.8 million, and \$22.4 million, respectively. Conversely, general executive expenses decreased \$(310.4) million (18.0 percent) to a total of \$1.4 billion, due to decreased CARES and ARPA expenditures compared to Fiscal Year 2022. Interest on long-term debt also increased \$21.2 million.

As shown in Table 4, below, approximately 51.2 percent of revenues from all sources earned came from taxes (sales and excise, income, public utility, motor fuel, and other taxes). Operating grants and contributions represent amounts received from other governments/entities – primarily the federal government. Operating grants and contributions for non-capital purposes provided 38.2 percent of total revenues. Capital grants and contributions provided 3.0 percent, charges for services contributed 6.0 percent, while various other revenues provided 1.6 percent of the remaining governmental activity revenue sources.



As shown in Table 5, below, expenses for human relations and resources programs make up the largest portion – 50.8 percent – of total governmental expenses and transfers. Included in this cost function are programs such as Medical Assistance and Temporary Assistance for Needy Families as well as costs for state correctional facilities and services.

Educational expenses, which include various school aids but exclude expenses of the University of Wisconsin System, make up 23.3 percent of total expenses. Tax relief and other general expenses and the intergovernmental-shared revenue program represent 6.8 percent of the total, while transportation expenses and general executive expenses represent 7.5 percent and 3.5 percent, respectively. Net transfers to business-type activities, which include a general purpose revenue subsidy to the University of Wisconsin System, make up 3.8 percent of the total expenses and transfers. Remaining functional expenses totaled 3.5 percent while interest on long-term debt totaled 0.8 percent.



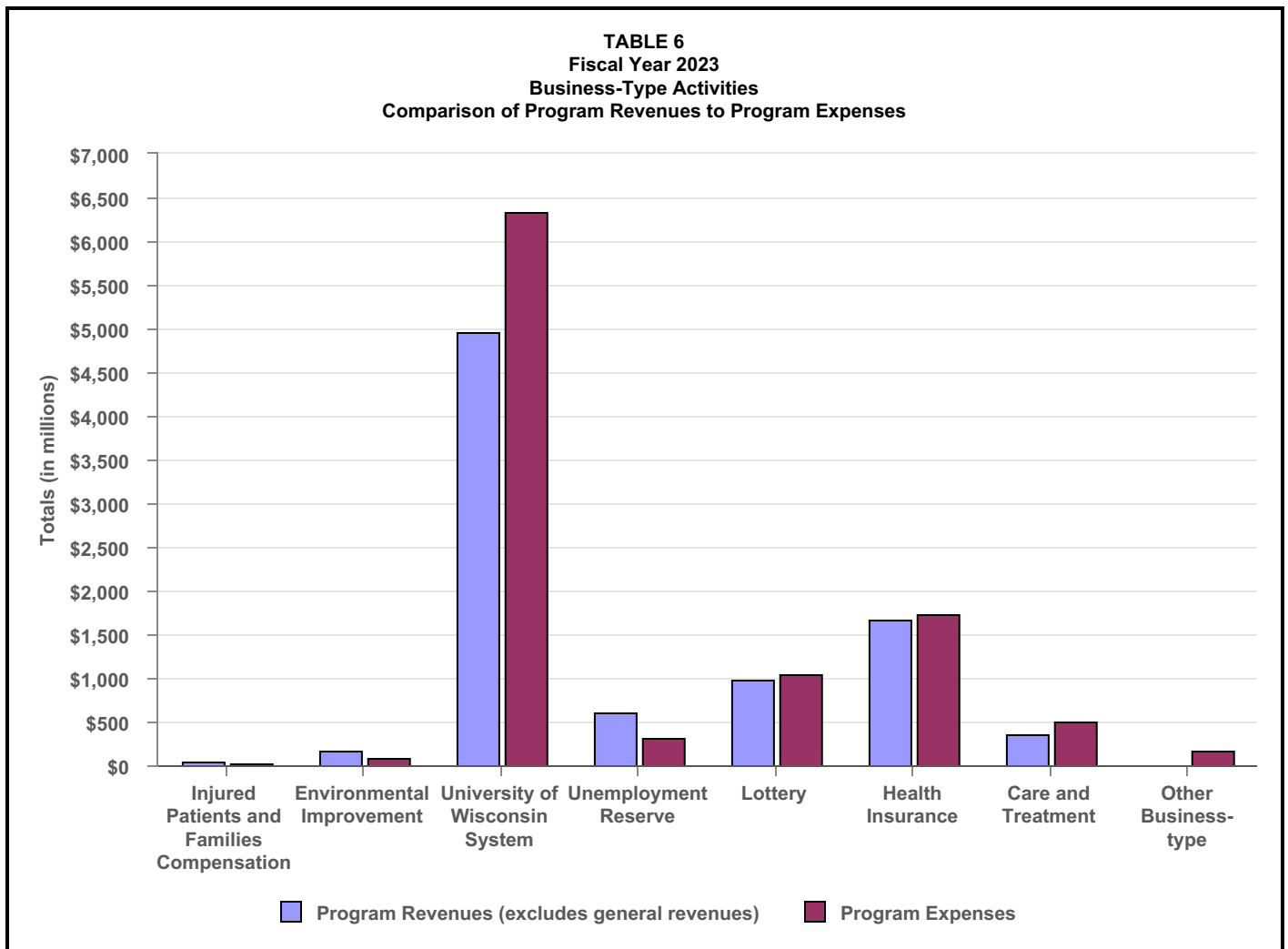
Business-Type Activities

Net position of the State’s business-type activities increased \$57.5 million in Fiscal Year 2023.

Revenues of business-type activities totaled \$8.7 billion for Fiscal Year 2023, an increase of \$179.7 million from the prior year. Program revenues consisted of \$8.0 billion of charges for services, \$711.1 million of operating grants and contributions, and \$21.8 million of capital grants and contributions. General revenues, contributions to endowments and permanent fund principal and net transfers totaled \$48.1 million, \$5.4 million, and \$1.5 billion, respectively.

The total expenses for business-type activities were \$10.2 billion, an increase of \$788.3 million from the prior fiscal year. The largest increases in program expenses, \$957.8 million, related to increased expenses for the University of Wisconsin System. Expenses also increased for Care and Treatment Facilities, Lottery, Health Insurance, and Environmental Improvement of \$94.6 million, \$78.0 million, \$42.9 million and \$17.1 million, respectively. Offsetting those increases were decreases in Unemployment Reserve, Injured Patients and Families Compensation, and other business-type expenses, of \$(372.6) million, \$(22.9) million, and \$(6.6) million, respectively.

Table 6, below, compares the program revenues and program expenses of the various State business-type activities. This table does not include the transfer in (subsidy) from the General Fund to the University of Wisconsin System or other business-type activities.



FINANCIAL ANALYSIS OF THE STATE'S INDIVIDUAL FUNDS

Governmental Funds

At the end of Fiscal Year 2023, the State's governmental funds reported a combined fund balance of \$10.6 billion. Funds with significant changes in fund balance are discussed below:

General Fund

The General Fund is the chief operating fund of the State. At June 30, 2023, the State's General Fund reported a total fund balance of \$6.7 billion. The net change in fund balance during Fiscal Year 2023 was \$2.0 billion, in contrast to \$3.5 billion in Fiscal Year 2022. Major revenue, expenditure and other sources/uses contributing to the change in fund balance are as follows:

Revenues

Revenues of the General Fund totaled \$38.6 billion in Fiscal Year 2023, a decrease of \$(840.2) million (2.1 percent) from the prior year. Factors contributing to this change included the following:

- Revenues from taxes decreased \$(800.3) million. The decrease primarily relates to income and utility taxes, which decreased \$(1.2) billion and \$(16.9) million, respectively, from Fiscal Year 2022. Offsetting the decreases, was an increase in sales tax of \$454.1 million. The income tax decrease was the result of actual refunds being higher than the estimated amount from the prior year, while sales tax revenue increases were driven by increased consumer expenditures for taxable goods.
- Intergovernmental revenues (i.e., federal assistance) decreased \$(302.6) million to \$15.9 billion in Fiscal Year 2023. The decrease was mainly the result of spending less American Rescue Plan Act (ARPA) and Coronavirus Relief Funds (CRF) received in advance in Fiscal Year 2023 than 2022. At the end of Fiscal Year 2022, the State recorded unearned revenue of \$2.1 billion for unspent American Rescue Plan Act (ARPA) and Coronavirus Relief Funds. In Fiscal Year 2023, \$694.2 million of that amount was spent and subsequently earned and recorded as intergovernmental revenue. During Fiscal Year 2023, the State received an additional \$157.9 million under ARPA. The remaining unspent amount was recorded as unearned revenue by the State and will be recorded as intergovernmental revenue in future years as the funds are spent.
- Investment and interest income increased \$349.8 million to \$366.2 million in Fiscal Year 2023 due to better returns on investments.

Expenditures

2021 Wisconsin Act 58 established spending authority for the State of Wisconsin for Fiscal Year 2023. Expenditures of the General Fund totaled \$34.4 billion in Fiscal Year 2023, an increase of \$801.5 million from Fiscal Year 2022. Factors contributing to the change include the following:

- Human relations and resources expenditures increased by \$704.2 million to \$20.1 billion, primarily the result of increased grants and aids to individuals and organizations, in part for coronavirus relief and other medical assistance costs. These costs comprise 58.4 percent of General Fund expenditures.
- Education expenditures increased \$260.7 million to 9.3 billion, due in part to increases in parental choice program for eligible school districts, special needs scholarship program and aids for special education and school-age parents programs in Fiscal Year 2023. These costs comprise 26.9 percent of General Fund expenditures.
- General executive expenditures decreased \$351.8 million to \$1.3 billion mainly due to decreased ARPA and coronavirus relief spending compared to prior years.

Other Financing Sources and Uses

Other financing sources/(uses) totaled a net \$(2.2) billion in Fiscal Year 2023, an \$86.3 million increase from Fiscal Year 2022. The components of this included the following:

- Transfers out of the General Fund totaled \$2.3 billion, a decrease of \$36.1 million from the prior year.
 - The GPR supplement comprises a large portion of the transfers out and is provided to various enterprise funds. The supplement totaled \$1.2 billion, an increase of \$39.7 million from the prior year. The University of

Wisconsin System, which receives the majority of the GPR supplement, had \$1.0 billion in GPR expenses in Fiscal Year 2023, an increase of \$28.2 million.

- Transfers out for debt service payments to the Bond Security and Redemption Fund totaled \$439.4 million in Fiscal Year 2023 compared to \$425.0 million in Fiscal Year 2022. Transfers out to other nonmajor governmental funds were \$405.0 million in Fiscal Year 2023 compared to \$417.1 million in Fiscal Year 2022.
- Transfers out to nonmajor enterprise funds, Transportation Fund and Unemployment Reserve were \$217.1 million, \$98.2 million and \$60.0 million, respectively.
- Transfers in to the General Fund increased \$10.0 million (from \$63.9 million in Fiscal Year 2022 to \$73.9 million in Fiscal Year 2023). The University of Wisconsin System transferred \$21.0 million, while nonmajor governmental funds, Unemployment Reserve and nonmajor enterprise funds transferred \$21.3 million, \$18.9 million and \$10.5 million, respectively.

Note 9D provides additional information on transfers in and out of the General Fund.

As of June 30, 2023, the General Fund reported an unassigned fund balance of \$3.8 billion, a change of \$1.6 billion from the prior year, which had a fund balance of \$2.2 billion. This is the second consecutive year the State’s General Fund has ended with a positive unassigned fund balance since the State began issuing an ACFR in Fiscal Year 1990.

General Fund Budgetary Highlights

Differences between the original budget and the final amended budget were significant and included a \$14.5 billion increase in appropriations. Contributing to the variance is the fact that several of the State’s programs and various transfers (see the items denoted with *, below) are not included in the original budget. In addition, numerous adjustments to spending estimates were needed as the year progressed because of changing circumstances (spending needs can change dramatically over a one-year period). The largest variances occurred in the following appropriations (in millions):

Program	Variance
Food Stamps, Electronic Benefit Transfer*	\$2,520.0
Federal Aid CRF and ARPA*	1,956.8
Federal Aid Medical Assistance	1,727.4
UW System, General Program Operations (part of Statutory General Fund)	890.8
UW Federal Aid	628.0
UW System, Gifts and Nonfederal Grants and Contracts	551.5
Inter agency CRF and ARPA Transfer*	231.6

Actual charges to appropriations (expenditures) were \$8.4 billion below the final budgeted estimates. Large positive expenditure variances were reported in the Federal Aid CRF and ARPA (\$1.1 billion) appropriations, UW program operations and Federal Aid (\$997.3 million), DHS Medical Assistance Program Benefits (\$818.4 million) and DHS Medical Assistance Federal Aid (\$430.7 million).

During the past fiscal year, the budgetary-based fund balance increased \$1.8 billion for the statutory General Fund, due to general purpose tax revenues exceeding general purpose expenditures. Net transfers from other funds totaled \$(698.0) million in Fiscal Year 2023 compared to \$(442.3) million in the prior fiscal year.

Transportation Fund

In Fiscal Year 2023, the Transportation Fund's fund balance increased \$39.0 million (3.0 percent) from \$1.3 billion to \$1.4 billion. The State constitutionally restricts use of state resources deposited into the Fund for transportation purposes. As such, \$1.3 billion or 97.4 percent of fund balance is reported as restricted for Fiscal Year 2023. Remaining fund balance is reported as nonspendable and correlates to prepaid and inventory assets.

Primary revenue sources of the fund include motor fuel taxes, intergovernmental, and license and permit revenue sources, as well as interfund transfers in. In Fiscal Year 2023 revenues of the fund increased \$346.6 million (11.2 percent) to a total of \$3.4 billion. Intergovernmental revenues increased \$318.8 million; use of external sources of funding for projects, rather than state resources regularly contributes to revenue fluctuations in this category between years. Investment and interest income increased \$36.5 million. License and permit revenues increased \$4.4 million in Fiscal Year 2023 due to an increase in vehicle titles registrations.

Transportation expenditures of \$3.3 billion increased 15.6 percent or \$449.6 million, including a 14.6 percent or \$59.6 million increase in capital outlay expenditures. The increase in capital outlay expenditures was the result of increased funding from the Infrastructure Investment and Jobs Act. In addition to the expenditures reported in the Transportation Fund, long-term debt-funded transportation expenditures of \$60.6 million and \$81.6 million were reported in the Capital Improvement Fund and Transportation Revenue Bonds Fund, respectively. In the current year, transportation-related expenditures decreased \$12.0 million in the Capital Improvement Fund, and increased \$9.0 million in the Transportation Revenue Bonds Fund.

Transfers in decreased from \$228.6 million to \$119.0 million in Fiscal Year 2023. This decrease is mainly due to a one time transfer from the General Fund in Fiscal Year 2022. An on-going transfer equal to 0.25 percent of General Fund taxes as published in the General Fund condition statement is made annually with that amount being \$97.3 million in Fiscal Year 2023. In addition, \$20.8 million was transferred from the Petroleum Inspection Special Revenue Fund, compared to \$23.3 million transferred in Fiscal Year 2022. Transfers out increased \$14.4 million to \$189.5 million. Transfers out to the Bond Security and Redemption Fund for debt service were \$157.1 million, while transfers out to the Conservation Fund were \$21.5 million in Fiscal Year 2023.

Proprietary Funds

Proprietary funds provide the same type of information found in the government-wide financial statements but in more detail. Significant changes to balances of major proprietary funds from Fiscal Year 2022 to Fiscal Year 2023 include the following:

Environmental Improvement

Fund net position of the Environmental Improvement Fund increased \$73.5 million to \$2.3 billion. Total assets of the Fund increased by \$91.9 million, while total liabilities also increased by \$18.5 million. Assets increased to \$2.7 billion as the result of loans to local governments increasing \$38.7 million, while cash increased \$50.9 million. Liabilities increased to \$421.1 million due to a \$16.4 million increase in revenue bonds payable.

Operating income of the Fund decreased by \$2.5 million to \$24.9 million in Fiscal Year 2023. Operating revenue of \$47.4 million, which consists primarily of investment and interest income, remained steady in Fiscal Year 2023. Operating expenses increased \$3.2 million in Fiscal Year 2023, mainly the result of a \$2.8 million increase in salaries and benefits.

Unemployment Reserve

Net position of the Unemployment Reserve Fund increased by \$332.6 million during Fiscal Year 2023 from \$1.4 billion at June 30, 2022 to \$1.7 billion at June 30, 2023. Benefit expenses decreased from \$683.0 million in Fiscal Year 2022 to \$294.4 million in Fiscal Year 2023, a decrease of \$388.6 million (56.9 percent). This decrease is attributed to the average unemployment rate decreasing from 3.1 percent during Fiscal Year 2022 to 2.7 percent during Fiscal Year 2023, along with pandemic-related unemployment programs ending in Fiscal Year 2022.

Total operating revenues decreased by \$231.9 million from \$811.2 million in Fiscal Year 2022 to \$579.2 million in Fiscal Year 2023. This decrease is mainly the result of Federal aids revenue for the unemployment program decreasing from \$334.1 million in Fiscal Year 2022 to \$0.7 million in Fiscal Year 2023, a decrease of \$333.4 million (99.8 percent). Employer contributions increased from \$451.3 million in Fiscal Year 2022 to \$556.9 million in Fiscal Year 2023, an increase of \$105.7 million (23.4 percent). The average tax rate on taxable wages increased from 1.2 percent during Calendar Year 2022 to an estimated 1.5 percent in Calendar Year 2023. Reimbursements of \$18.9 million in Fiscal Year 2023 represented a decrease of \$1.5 million (7.4 percent) from Fiscal Year 2022.

University of Wisconsin System

Fund net position decreased \$58.9 million to \$6.4 billion. Assets, which consist primarily of capital assets and cash, decreased \$1.1 billion to \$9.7 billion. The Fund reported a net pension liability of \$709.7 million compared to a restricted net pension asset of \$1.1 billion in Fiscal Year 2022, along with a decrease of \$103.2 million to \$45.1 million for the restricted net OPEB asset. The Fund also reported an increase of \$146.7 million in capital assets and an increase of \$190.6 million in investments, while cash decreased \$346.7 million in Fiscal Year 2023. Total liabilities, which consists primarily of bonds payable, pension and OPEB, increased by \$538.7 million to \$4.3 billion. Deferred outflows of resources increased \$539.6 million to \$2.9 billion and deferred inflows of resources decreased \$1.0 billion to \$1.9 billion in Fiscal Year 2023. The changes in deferred outflows and inflows were primarily related to changes in pension related amounts.

Operating revenues increased \$317.2 million or 8.2 percent to \$4.2 billion. Student tuition, and federal grants and contracts of \$1.5 billion and \$1.0 billion, respectively, comprise 61.3 percent of operating revenues. Increases of \$112.7 million, \$101.1 million, \$49.3 million and \$39.8 million were reported for federal grants and contracts, tuition and fees, sales and services of educational activities, and sales and services of auxiliary enterprises, respectively. Sales and services to UW Hospital Authority reported a decrease of \$7.9 million. Other income revenues also increased by \$21.0 million (4.7 percent). Operating expenses increased \$880.4 million or 16.4 percent. Personal services, supplies and services, and depreciation increased by \$687.5 million, \$229.2 million, and \$47.0 million, respectively. Offsetting those changes was a decrease in scholarship and fellowships of \$77.3 million. Nonoperating investment and interest income, gifts and donations, other revenues, and interest expense increased \$120.0 million, \$96.5 million, \$53.2 million, \$13.8 million, respectively, while operating grants decreased \$259.1 million .

Transfers in to the University of Wisconsin System totaled \$1.3 billion in Fiscal Year 2023. The general purpose revenue supplement received from the State's General Fund was \$1.0 billion an increase of \$28.2 million. The Capital Improvement Fund also transferred \$205.5 million of bond and note proceeds to the University of Wisconsin System, an increase of \$14.2 million from the prior year. Bond proceeds transferred in are a function of on-going capital projects funded with those bonds. Capital contributions decreased \$(0.5) million from the prior year to \$18.1 million in Fiscal Year 2023.

GOVERNMENT-WIDE CAPITAL ASSET AND DEBT ADMINISTRATION

Capital Assets

At the close of Fiscal Year 2023, the State reported \$34.0 billion invested in capital assets, net of accumulated depreciation of \$10.2 billion. This represents an increase of \$855.2 million, or 2.6 percent, from Fiscal Year 2022. Depreciation and amortization charges totaled \$253.1 million and \$461.3 million for governmental and business-type activities, respectively, in Fiscal Year 2023. The details of these assets are presented in Table 7, below. Additional information about the State's capital assets is presented in Note 7 to the financial statements.

TABLE 7 - Capital Assets, Net of Depreciation, as of June 30 (in millions)

	Governmental Activities		Business-Type Activities		Total Primary Government	
	2023	2022*	2023	2022*	2023	2022*
Land and Land Improvements	\$ 3,089	\$ 3,065	\$ 195	\$ 188	\$ 3,285	\$ 3,253
Buildings and Improvements	1,397	1,394	4,695	4,587	6,092	5,981
Library Holdings	60	60	152	151	211	210
Machinery and Equipment	348	317	378	342	727	659
Infrastructure	20,146	19,392	—	—	20,146	19,392
Construction and Software in Progress	2,090	2,348	716	630	2,806	2,978
Right to Use Land	—	—	1	1	1	1
Right to Use Buildings	327	317	247	262	574	579
Right to Use Equipment	4	2	5	5	10	7
Right to Use SBITAs	71	—	49	55	121	55
Totals	\$ 27,532	\$ 26,895	\$ 6,440	\$ 6,221	\$ 33,971	\$ 33,116

*Amounts for the prior fiscal year have been restated

The major capital asset additions completed or acquired during Fiscal Year 2023 included the:

- STH 23 State Highway 67 / US 41 \$179.7 million
- STH 50 I94 43rd Avenue \$120.9 million
- Veterans Homes Moses Skilled Nursing Facility-King \$82.0 million
- I94 N-S Corridor Reconstruction \$74.7 million
- UW Madison Camp Randall Stadium Renovation \$68.7 million
- UW LaCrosse New FH and Soccer Sup Facility \$36.2 million
- Zoo Interchange \$34.7 million
- UW Parkside Wyllie Hall Renovation \$33.0 million
- Kettle Moraine Springs Hatchery Renovation \$29.3 million
- GBCI North and South Cell Hall Improvement \$17.0 million
- UW Madison Chemistry Addition and Renovation \$10.5 million

In addition to these completed projects, construction and software in progress as of June 30, 2023 for governmental and business-type activities totaled \$2.1 billion and \$716.5 million, respectively. A list of those projects is provided in Note 7. The State's continuing or proposed major capital projects for Fiscal Year 2023 and future years include:

- Zoo Interchange (Completion in 2024) \$1.5 billion
- I41 State Highway 96 to Scheuring Road (Completion in 2029) \$1.2 billion
- I43 Silver Spring to STH 60 (Completion in 2024) \$551.1 million
- STH 51 I39/90 to US 12 (Completion in 2029) \$207.9 million
- I39/90/94 Bridges over Wisconsin River (Completion in 2028) \$160. million
- STH 15 STH 76 New London (Completion in 2024) \$138.0 million
- USH 53 La Crosse Corridor (Completion and total estimated cost TBD)
- I94 East Corridor (Completion and total estimated cost TBD)

Debt Administration

The State of Wisconsin Building Commission, an agency of the State, is empowered by law to consider, act upon, authorize, issue and sell all debt obligations of the State. The total general obligation debt outstanding for the State as of June 30, 2023 was \$7.1 billion, as shown in Table 8. During Fiscal Year 2023, \$1.4 billion of general obligation bonds were issued to provide for the acquisition or improvement of land, water, property, highways, buildings, equipment, or facilities for public purposes or to refund outstanding bonds. Of the bonds issued in the current year, \$645.3 million were to be used for University of Wisconsin System academic and self-amortizing facilities, \$222.9 million for transportation projects, \$102.9 million for environmental programs, and \$48.3 million for correctional and mental health facilities. The remaining proceeds from new bonds issued were used for various other projects.

In 1992 the State established a facility to provide lease purchase financing to state agencies (Master Lease). Lease purchase obligations under the Master Lease are not general obligations of the State but are payable from appropriations of participating state agencies, subject to annual appropriation. The trustee for the facility issues Master Lease certificates of participation that evidence proportionate interest of the owners thereof in lease payments. As of June 30, 2023, \$66.2 million of these certificates were outstanding.

In Fiscal Year 2004, the State issued \$1.8 billion of annual appropriation bonds to pay the State's unfunded accrued prior service (pension) liability and its unfunded accrued liability for sick leave conversion credits. In Fiscal Year 2009, the State issued \$1.5 billion of annual appropriation bonds to purchase the future right, title, and interest in the Tobacco Settlement Revenues (TSRs) from Badger Tobacco Asset Securitization Corporation (BTASC). As of June 30, 2023, \$2.9 billion of these bonds were outstanding.

Chapter 18 of the Wisconsin Statutes authorizes the State to issue revenue obligations. These obligations, which are not general obligation debt of the State, are secured by a pledge of revenues or property derived from the operations of a program funded by the issuance of the obligations. Revenue bonds of the primary government totaled \$2.3 billion outstanding at June 30, 2023, as shown in Table 8. These bonds included \$1.9 billion of Transportation Revenue Bonds, and \$415.0 million of Environmental Improvement Revenue Bonds.

TABLE 8 - Outstanding Debt as of June 30 (in millions)

	Governmental Activities		Business-Type Activities		Total	
	2023	2022	2023	2022	2023	2022
General obligation bonds and long-term notes	\$5,441.8	\$5,724.9	\$1,667.8	\$1,742.8	\$7,109.6	\$7,467.7
Certificates of participation	56.7	57.4	9.4	10.2	66.2	67.7
Annual appropriation bonds	2,888.0	2,703.2	—	—	2,888.0	2,703.2
Revenue bonds	1,867.2	1,885.2	415.0	398.6	2,282.3	2,283.8
Totals	\$10,253.7	\$10,370.7	\$2,092.3	\$2,151.7	\$12,346.0	\$12,522.4

Article VIII of the Wisconsin Constitution and Wis. Stat. Sec. 18.05 limit the amount of general obligation bond debt the State can contract in total and in any calendar year. In total, debt cannot exceed five percent of the value of all taxable property in the State. The amount of debt contracted in any calendar year is limited to the lesser of three-quarters of one percent of the aggregate value of taxable property or five percent of the aggregate value of taxable property less net indebtedness at January 1.

At June 30, 2023, State of Wisconsin general obligation fixed rate bonds had a rating of AA+ from Fitch Ratings, AAA from Kroll Bond Rating Agency, Aa1 from Moody's Investors Services, and AA+ from Standard and Poor's Rating Services. General obligation variable rate notes are outstanding in different forms, with ratings from two or more rating agencies.

Detailed information about the State's long-term debt activity is presented in Note 11 to the financial statements.

INFRASTRUCTURE - MODIFIED APPROACH

The State reports infrastructure (i.e., roads, bridges, and buildings considered an ancillary part of roads) as capital assets. Infrastructure assets exclude right-of-way costs. The State has elected to report its infrastructure assets (11,200 centerline miles of roads and 5,100 bridges with a combined value of \$20.1 billion) using the modified approach. Under this method, infrastructure assets are not required to be depreciated if the State manages its eligible infrastructure assets using an asset management system designed to maintain and preserve these assets at a condition level established and disclosed by the State.

All infrastructure assets constructed prior to July 1, 2000 have been recorded at estimated historical cost. Historical cost was determined by calculating current costs of a similar asset and deflating that cost, using the Federal Highway Administration's composite index for federal-aid highway construction, to the estimated average construction date. All infrastructure assets constructed on or after July 1, 2000 have been recorded at historical cost.

In order to adequately serve the traveling public and support the State economy, it is the State's policy to ensure at least 85 percent of the state-owned roads and bridges are in good or fair condition. As of June 30, 2023, 91.2 percent of the roads and 97.9 percent of bridges were in good or fair condition, consistent with State policies. This compares to 92.2 percent of the roads and 97.5 percent of bridges as of June 30, 2022.

For the fiscal year ended June 30, 2023, actual maintenance and preservation costs for the State's road network were \$627.5 million, or \$572.1 million less than the estimated amount. On the same date, actual maintenance and preservation costs for the State's bridge network were \$37.0 million, or \$10.5 million less than the estimated amount. In developing estimated costs at the beginning of the fiscal year, it is difficult to predict the types of projects that will actually incur costs during the year. In addition, the State of Wisconsin, Department of Transportation's multi-year contracting process, allowing encumbrances to carry forward, makes a comparison of actual to estimate amounts difficult since expenditures for the current year may have been budgeted and committed to a project in prior years.

ECONOMIC FACTORS

During calendar year 2022, the Wisconsin economy continued steady growth following the rapid recovery from the COVID-19 global pandemic.

Wisconsin employment grew rapidly in 2022 and 2021 after steep declines in employment in 2020 as a result of the pandemic's economic effects. According to the federal Bureau of Labor Statistics, total nonfarm employment in Wisconsin fell 5.5 percent in 2020 and rose by 2.4 percent and 2.5 percent during 2021 and 2022, respectively. Nationally, employment fell 5.8 percent in 2020 before rising 2.9 percent in 2021 and 4.3 percent during 2022. As before the pandemic, Wisconsin employment growth had been constrained due to slower population growth and already high labor force participation, limiting room for further employment expansion.

More recently, employment has recovered substantially with the overall national economic recovery. Since the trough in employment in April 2020, national employment is up 20.0 percent and Wisconsin employment is up 16.4 percent through August 2023. Relative to prepandemic February 2020 levels, Wisconsin employment is up 0.6 percent while employment nationally is up 2.7 percent. Wisconsin's seasonally adjusted unemployment rate in August 2023 was 2.9 percent, below the 3.8 percent national unemployment rate for the same month.

Wisconsin gross state product grew rapidly in both 2021 and 2022 as the recovery from the pandemic continued. Wisconsin nominal GDP grew 7.3 percent and 7.4 percent in 2021 and 2022, respectively, after a 1.0 percent decline in 2020. This compares to the more rapid growth nationally of 10.7 percent and 9.1 percent, respectively after a 0.9 percent decline in 2020.

Personal income growth followed the trajectory of overall economic growth, with a recovery in wages in 2022 supplanting large transfer payments during 2020 and 2021 as the driver of growth. Overall personal income growth in Wisconsin matched national growth in 2022 at 2 percent. National personal income growth in 2020 and 2021 was 6.9 percent and 9.1 percent, respectively, higher than Wisconsin's growth rates of 6.2 percent and 8.6 percent in the same years. On a per capita basis, Wisconsin's income performance is similar to the nation's. Per capita income in Wisconsin increased by 5.9 percent, 8.9 percent and 1.8 percent in 2020, 2021 and 2022, respectively. This compares to growth of 6.5 percent, 8.9 percent and 1.6 percent in the same years nationally. Relative to the national average, Wisconsin per capita income has remained in the same range for the past three years at 93.7 percent, 93.7 percent and 93.9 percent of the national average in 2020, 2021 and 2022, respectively.

Wisconsin's statewide total property value increased again in 2023 for the tenth straight year following five years of declines from 2009 through 2013. The increase in values has been broad-based, reflecting improvements in all major sectors. In 2023, total property values increased 13.1 percent, with residential property values driving the growth at a 14.0 percent increase. In addition, commercial real estate values grew 10.9 percent and manufacturing values grew 12.0 percent.

CONTACTING THE STATE'S FINANCIAL MANAGEMENT

This financial report is designed to provide Wisconsin's citizens, taxpayers, customers, investors and creditors with a general overview of the State's finances and to demonstrate the State's accountability for the money it receives. Questions about this report or requests for additional financial information should be addressed to: State of Wisconsin, State Controller's Office, 101 E. Wilson Street, 5th Floor, Madison, WI 53703 or by email to: DOAWebMaster@wi.gov.

Some state agencies, such as the State of Wisconsin Investment Board, Department of Employee Trust Funds and the University of Wisconsin, issue stand-alone audited financial statements. The information contained in those statements may vary from this document due to scope and application of generally accepted accounting principles. Questions about how to obtain the separately issued financial statements should be directed to individual agencies or to the State Controller's Office.

The State's component units issue their own separate audited financial statements. These statements may be obtained by directly contacting the component unit through their administrative offices identified in Note 1-B.

* * * *

Basic Financial Statements

Statement of Net Position

June 30, 2023

(In Thousands)

	Primary Government			Component Units
	Governmental Activities	Business-Type Activities	Totals	
Assets and Deferred Outflows of Resources				
Assets:				
Cash and Cash Equivalents	\$ 14,077,552	\$ 4,784,403	\$ 18,861,955	\$ 1,613,007
Investments	1,105,196	2,667,223	3,772,420	3,040,831
Securities Lending Collateral	—	244,396	244,396	—
Cash and Investments with Other Component Units	—	—	—	188,633
Receivables (net of allowance)	4,922,940	3,171,474	8,094,414	2,028,321
Internal Balances	178,094	(178,094)	—	—
Inventories	112,410	53,162	165,572	70,203
Prepaid Items	27,137	148,307	175,444	36,857
Leases Receivable	—	21,093	21,093	—
Restricted and Limited Use Assets:				
Cash and Cash Equivalents	221,189	72,081	293,270	20,377
Investments	503,800	—	503,800	5,066,703
Net Other Post Employment Benefits Asset	38,754	49,666	88,420	13,806
Other Assets	15,102	6,787	21,889	227,785
Capital Assets:				
Depreciable	2,038,586	5,546,126	7,584,712	1,346,403
Nondepreciable:				
Infrastructure	20,145,677	—	20,145,677	—
Other	5,347,492	893,374	6,240,866	347,518
Total Assets	48,733,928	17,479,999	66,213,928	14,000,445
Deferred Outflows of Resources:				
Accumulated Change in the Fair Value of				
Hedging Derivatives	—	—	—	2,590
Loss on Debt Refunding	237,246	19,971	257,217	8,910
Advances by the State	22,029	83,749	105,779	—
Deferred Pension Outflows	2,621,775	2,887,247	5,509,022	756,643
Deferred Other Post Employment Benefits Outflows	240,684	300,894	541,578	84,094
Asset Retirement Obligation	—	8,722	8,722	—
Other Deferred Outflows	—	—	—	2,083
Total Deferred Outflows of Resources	\$ 3,121,734	\$ 3,300,584	\$ 6,422,317	\$ 854,320
Total Assets and Deferred Outflows of Resources	\$ 51,855,662	\$ 20,780,583	\$ 72,636,245	\$ 14,854,766

(Continued)

Statement of Net Position

June 30, 2023

(Continued)

	Primary Government			Component Units
	Governmental Activities	Business-Type Activities	Totals	
Liabilities, Deferred Inflows of Resources, and Net Position				
Liabilities:				
Accounts Payable and Other Accrued Liabilities	\$ 1,387,073	\$ 490,297	\$ 1,877,370	\$ 751,124
Securities Lending Collateral Liabilities	—	244,396	244,396	—
Due to Other Governments	2,564,137	181,518	2,745,656	148,744
Tax Refunds Payable	1,785,688	—	1,785,688	—
Tax and Other Deposits	114,332	34,776	149,108	104,069
Amounts Held in Trust by Component Unit for:				
Other Component Units	—	—	—	178,416
Others	—	—	—	79,081
Unearned Revenue	1,814,355	241,300	2,055,656	888
Interest Payable	83,182	12,528	95,710	12,696
Short-term Notes Payable	160,075	29,666	189,741	—
Other Liabilities	—	—	—	3,229
Long-term Liabilities:				
Current Portion	1,210,586	440,632	1,651,218	167,133
Noncurrent Portion	13,525,675	4,815,120	18,340,795	3,516,983
Total Liabilities	22,645,104	6,490,235	29,135,339	4,962,362
Deferred Inflows of Resources:				
Accumulated Change in the Fair Value of				
Hedging Derivatives	—	—	—	22,434
Gain on Debt Refunding	51,806	24,029	75,836	—
Deferred Pension Inflows	1,525,716	1,664,854	3,190,571	437,683
Deferred Other Post Employment Benefits Inflows	311,901	376,711	688,612	94,283
Other Deferred Inflows	—	20,539	20,539	12,703
Total Deferred Inflows of Resources	1,889,424	2,086,134	3,975,558	567,104
Net Position:				
Net Investment in Capital Assets	23,223,944	4,406,589	26,074,803	688,801
Restricted for:				
Human Relations and Resources	494,187	—	494,187	—
Conservation Related	255,131	—	255,131	—
General Executive	68,395	—	68,395	—
Transportation	1,322,288	—	1,322,288	—
Capital Projects	163,336	—	163,336	—
Unemployment Compensation	—	1,687,369	1,687,369	—
Environmental Improvement	—	2,261,905	2,261,905	—
Permanent Trusts - Expendable	41,341	371,573	412,913	25,571
Permanent Trusts - Nonexpendable	1,393,085	239,303	1,632,388	27,484
Future Benefits	—	1,463,996	1,463,996	43,005
Pension and Other Post Employment Benefits	38,754	49,666	88,420	13,806
Other Purposes	170,498	1,022,974	1,193,472	5,619,691
Unrestricted	150,176	700,841	2,406,746	2,906,943
Total Net Position	27,321,134	12,204,214	39,525,348	9,325,300
Total Liabilities, Deferred Inflows of Resources, and Net Position	\$ 51,855,662	\$ 20,780,583	\$ 72,636,245	\$ 14,854,766

The notes to the financial statements are an integral part of this statement.

**Statement of Activities
For the Fiscal Year Ended June 30, 2023**

(In Thousands)

Functions/Programs	Expenses	Program Revenues		
		Charges for Services	Operating Grants, Contributions and Restricted Interest	Capital Grants, Contributions and Restricted Interest
Primary Government:				
Governmental Activities:				
Commerce	\$ 598,948	\$ 292,648	\$ 301,375	\$ —
Education	9,397,603	15,378	1,629,935	323
Transportation	3,032,406	994,506	205,632	1,264,502
Environmental Resources	580,674	240,934	118,134	473
Human Relations and Resources	20,502,714	694,506	13,125,775	13,046
General Executive	1,412,617	244,421	959,443	—
Judicial	169,333	41,753	638	—
Legislative	86,454	2,466	3	—
Tax Relief and Other General Expenses	1,663,902	—	—	—
Intergovernmental - Shared Revenue	1,073,399	53,715	—	—
Interest on Debt	334,498	—	—	—
Total Governmental Activities	38,852,548	2,580,328	16,340,935	1,278,345
Business-type Activities:				
Injured Patients and Families Compensation	27,321	—	37,969	—
Environmental Improvement	83,022	47,396	116,048	—
University of Wisconsin System	6,331,118	4,246,744	687,312	18,128
Unemployment Reserve	311,954	578,584	24,904	—
Lottery	1,051,501	981,856	5,650	—
Health Insurance	1,734,222	1,693,155	(26,845)	—
Care and Treatment Facilities	502,681	348,869	1,318	3,644
Other Business-type	169,422	66,070	(135,224)	—
Total Business-Type Activities	10,211,242	7,962,674	711,132	21,772
Total Primary Government	\$ 49,063,790	\$ 10,543,002	\$ 17,052,067	\$ 1,300,117
Component Units:				
Housing and Economic Development Authority	\$ 306,839	\$ 85,360	\$ 224,275	\$ —
Health Care Liability Insurance Plan	675	2,636	—	—
University Hospitals and Clinics Authority	4,408,311	4,465,022	—	—
University of Wisconsin Foundation	395,998	378,461	351,323	—
Wisconsin Economic Development Corporation	85,783	139	95,178	—
Total Component Units	\$ 5,197,607	\$ 4,931,618	\$ 670,776	\$ —

General Revenues:
 Dedicated for General Purposes
 Income Taxes
 Sales and Excise Taxes
 Public Utility Taxes
 Other Taxes
 Motor Fuel and Other Taxes Dedicated for Transportation
 Other Dedicated Taxes
 Interest and Investment Earnings
 Miscellaneous
 Contributions to Term and Permanent Endowments
 Contributions to Permanent Fund Principal
 Transfers
 Total General Revenues, Contributions and Transfers
 Change In Net Position
 Net Position - Beginning
 Net Position - Ending

The notes to the financial statements are an integral part of this statement.

Net Revenue (Expense) and Changes in Net Position

Primary Government

Governmental Activities	Business-Type Activities	Total	Component Units
\$ (4,925)		\$ (4,925)	
(7,751,967)		(7,751,967)	
(567,766)		(567,766)	
(221,132)		(221,132)	
(6,669,387)		(6,669,387)	
(208,753)		(208,753)	
(126,942)		(126,942)	
(83,985)		(83,985)	
(1,663,902)		(1,663,902)	
(1,019,683)		(1,019,683)	
<u>(334,498)</u>		<u>(334,498)</u>	
(18,652,940)		(18,652,940)	
	\$ 10,648	10,648	
	80,422	80,422	
	(1,378,935)	(1,378,935)	
	291,534	291,534	
	(63,995)	(63,995)	
	(67,911)	(67,911)	
	(148,851)	(148,851)	
	<u>(238,576)</u>	<u>(238,576)</u>	
	(1,515,664)	(1,515,664)	
<u>(18,652,940)</u>	<u>(1,515,664)</u>	<u>(20,168,604)</u>	
			\$ 2,796
			1,961
			56,711
			333,785
			<u>9,534</u>
			404,787
11,644,800	—	11,644,800	—
8,287,828	—	8,287,828	—
361,313	—	361,313	—
372,288	—	372,288	—
1,122,124	—	1,122,124	—
120,587	—	120,587	—
190,036	48,118	238,154	168,145
507,743	—	507,743	3,976
—	5,448	5,448	9,082
10,569	—	10,569	—
<u>(1,519,629)</u>	<u>1,519,629</u>	<u>—</u>	<u>—</u>
<u>21,097,660</u>	<u>1,573,195</u>	<u>22,670,855</u>	<u>181,203</u>
2,444,720	57,530	2,502,251	585,990
24,876,414	12,146,684	37,023,098	8,739,310
<u>\$ 27,321,134</u>	<u>\$ 12,204,214</u>	<u>\$ 39,525,348</u>	<u>\$ 9,325,300</u>

Balance Sheet - Governmental Funds
June 30, 2023

(In Thousands)

	General	Transportation	Nonmajor Governmental	Total Governmental
Assets and Deferred Outflows of Resources				
Assets:				
Cash and Cash Equivalents	\$ 10,236,049	\$ 1,194,323	\$ 789,599	\$ 12,219,972
Investments	693	—	1,104,504	1,105,196
Receivables (net of allowance):				
Taxes	1,852,975	107,918	—	1,960,892
Loans to Local Governments	—	—	244,305	244,305
Other Loans Receivable	293	15,992	—	16,285
Other Receivables	930,886	12,475	80,774	1,024,135
Due from Other Funds	143,952	17,178	39,221	200,351
Due from Component Units	236	—	—	236
Interfund Receivables	65,348	—	—	65,348
Due from Other Governments	1,279,337	284,119	31,074	1,594,531
Inventories	61,828	33,571	4,115	99,514
Prepaid Items	4,887	1,049	11,182	17,119
Restricted and Limited Use Assets:				
Cash and Cash Equivalents	—	—	221,189	221,189
Investments	—	—	503,800	503,800
Other Assets	14,627	—	475	15,102
Total Assets	14,591,111	1,666,625	3,030,238	19,287,975
Deferred Outflows of Resources:				
Advances by the State	21,869	160	—	22,029
Total Assets and Deferred Outflows of Resources	\$ 14,612,980	\$ 1,666,785	\$ 3,030,238	\$ 19,310,004
Liabilities, Deferred Inflows of Resources, and Fund Balances:				
Liabilities:				
Accounts Payable and Other Accrued Liabilities	\$ 1,144,688	\$ 167,917	\$ 42,888	\$ 1,355,494
Due to Other Funds	40,024	37,144	26,320	103,487
Due to Component Units	358	—	—	358
Interfund Payables	—	—	3,794	3,794
Due to Other Governments	2,459,833	101,685	2,485	2,564,002
Tax Refunds Payable	1,785,011	677	—	1,785,688
Tax and Other Deposits	94,811	349	19,172	114,332
Unearned Revenue	1,797,882	1,824	11,618	1,811,324
Interest Payable	—	—	29,636	29,636
Advances from Other Funds	—	—	6,831	6,831
Short-term Notes Payable	—	—	155,991	155,991
Revenue Bonds and Notes Payable	—	—	137,645	137,645
Total Liabilities	7,322,606	309,596	436,379	8,068,581
Deferred Inflows of Resources:				
Unavailable Revenue	615,332	281	9,210	624,824
Fund Balances:				
Nonspendable	66,716	34,620	1,406,974	1,508,310
Restricted	612,470	1,322,288	979,585	2,914,344
Committed	1,800,049	—	348,483	2,148,531
Assigned	356,490	—	—	356,490
Unassigned	3,839,317	—	(150,392)	3,688,924
Total Fund Balances	6,675,041	1,356,909	2,584,649	10,616,599
Total Liabilities, Deferred Inflows of Resources, and Fund Balances	\$ 14,612,980	\$ 1,666,785	\$ 3,030,238	\$ 19,310,004

(Continued)

Balance Sheet - Governmental Funds
June 30, 2023

(Continued)

Total
Governmental

Reconciliation to the Statement of Net Position:

Total Fund Balances - Governmental Funds (from previous page) \$ 10,616,599

Capital assets used in governmental activities are not financial resources and, therefore, are not reported in the funds:

Infrastructure	20,145,677	
Other Capital Assets	8,768,287	
Accumulated Depreciation	(2,225,867)	
		26,688,098

Other long-term assets and deferred outflows and inflows of resources that are not available to pay for current period expenditures and, therefore, are not recognized in the funds. 1,188,599

Some of the State's revenues will be collected after year-end but are not available soon enough to pay for the current period's expenditures and, therefore, are not recognized in the funds. 621,792

Internal service funds are used by management to charge the costs of certain activities, such as telecommunications and insurance, to individual funds. The assets and liabilities of the internal service funds are included in governmental activities in the Statement of Net Position. (553,724)

Long-term liabilities, including bonds payable, are not due and payable in the current period and, therefore, are not reported in the fund statements. These liabilities, however, are included in the Statement of Net Position.

Revenue Bonds Payable	(1,729,595)	
Appropriation Bonds Payable	(2,887,953)	
General Obligation Bonds and Notes Payable	(5,133,640)	
Accrued Interest on Bonds	(51,647)	
Leases/SBITAs	(8,945)	
Certificates of Participation	(45,343)	
Compensated Absences	(185,891)	
Pollution Remediation	(240)	
Claims and Judgments	(687)	
Net Pension Liability	(704,576)	
Other Postemployment Benefits Liability	(491,711)	
		(11,240,230)

Net Position of Governmental Activities as reported on the Statement of Net Position (See page 26) \$ 27,321,134

The notes to the financial statements are an integral part of this statement.

Statement of Revenues, Expenditures, and Changes in Fund Balances - Governmental Funds

For the Fiscal Year Ended June 30, 2023

(In Thousands)

	General	Transportation	Nonmajor Governmental	Total Governmental
Revenues:				
Taxes:				
Income	\$ 11,627,817	\$ —	\$ —	\$ 11,627,817
Sales and Excise	8,281,396	—	—	8,281,396
Public Utility	361,313	—	—	361,313
Other General Purpose	372,259	—	—	372,259
Motor Fuel	—	1,122,108	—	1,122,108
Other Dedicated	—	37,801	82,786	120,587
Intergovernmental	15,884,611	1,462,488	92,832	17,439,930
Licenses and Permits	793,169	760,710	649,131	2,203,010
Charges for Goods and Services	343,179	18,279	22,897	384,356
Investment and Interest Income	366,167	38,473	97,375	502,016
Fines and Forfeitures	52,967	698	16,883	70,548
Gifts and Donations	5,803	—	22,168	27,971
Miscellaneous:				
Tobacco Settlement	132,458	—	—	132,458
Other	336,397	9,211	21,677	367,285
Total Revenues	38,557,536	3,449,768	1,005,750	43,013,054
Expenditures:				
Current Operating:				
Commerce	467,955	—	116,159	584,114
Education	9,256,521	—	71,831	9,328,352
Transportation	49,022	2,860,257	17,169	2,926,449
Environmental Resources	130,051	—	403,160	533,211
Human Relations and Resources	20,092,175	—	58,104	20,150,279
General Executive	1,288,869	—	97,660	1,386,529
Judicial	152,605	—	169	152,774
Legislative	79,614	—	—	79,614
Tax Relief and Other General	1,650,670	—	13,232	1,663,902
Intergovernmental - Shared Revenue	1,016,855	—	56,544	1,073,399
Capital Outlay	137,492	469,064	206,932	813,488
Debt Service:				
Principal	48,420	10,792	780,811	840,023
Interest	7,921	687	372,250	380,858
Other Debt Related Expenditures	—	—	8,024	8,024
Total Expenditures	34,378,171	3,340,801	2,202,044	39,921,016
Excess of Revenues Over (Under) Expenditures	4,179,364	108,967	(1,196,294)	3,092,038
Other Financing Sources (Uses):				
Long-term Debt Issued	1,175	6,480	412,485	420,139
Long-term Debt Issued - Refundings	—	—	1,085,999	1,085,999
Payments for Refunded Debt	—	—	(586,055)	(586,055)
Payments to Refunded Debt Escrow Agent	—	—	(221,073)	(221,073)
Discount on Bonds	—	—	(323)	(323)
Premium on Bonds and Certificates of Deposit	58	241	146,206	146,505
Transfers In	73,928	119,017	1,197,464	1,390,408
Transfers Out	(2,346,878)	(189,460)	(369,705)	(2,906,043)
Lease/SBITA Acquisitions	61,554	2,272	219	64,046
Total Other Financing Sources (Uses)	(2,210,163)	(61,450)	1,665,218	(606,396)
Net Change in Fund Balances	1,969,201	47,517	468,924	2,485,642
Fund Balances, Beginning of Year	4,702,267	1,317,911	2,114,790	8,134,968
Increase (Decrease) in Inventories	3,573	(8,519)	935	(4,011)
Fund Balances, End of Year	\$ 6,675,041	\$ 1,356,909	\$ 2,584,649	\$ 10,616,599

(Continued)

**Statement of Revenues, Expenditures, and Changes in Fund Balances - Governmental Funds
For the Fiscal Year Ended June 30, 2023**

(Continued)

**Total
Governmental**

Reconciliation to the Statement of Activities:

Net Change in Fund Balances (from previous page) \$ 2,485,642

Inventories, which are recorded under the purchases method for governmental fund reporting, are reported under the consumption approach on the Statement of Activities. As a result of this change, the Increase (Decrease) in Reserve for Inventories on the fund statement has been reclassified as functional expenses on the government-wide statement. (4,011)

Governmental funds report the acquisition or construction of capital assets as expenditures, while governmental activities report depreciation expense to allocate the cost of these assets over their estimated useful life. Donated assets are set up at acquisition value with a corresponding amount of revenue recognized. In the current period, these amounts are:

Capital Outlay/Functional Expenditures	749,334	
Depreciation Expense	(146,345)	
Grants and Contributions (Donated Assets)	<u>(2,039)</u>	600,949

In the Statement of Activities, only the gain/(loss) on the sale/disposal of capital assets is reported, while in the governmental funds, any proceeds from the sale increases financial resources. Thus, the change in net position differs from the change in fund balance by the cost of the capital assets sold/disposed. (46,901)

Revenues in the Statement of Activities that do not provide current financial are not reported as revenues in the funds. 31,194

Bond proceeds provide current financial resources to governmental funds, but issuing debt increases long-term liabilities in the Statement of Net Position. Repayment of bond principal is reported as an expenditure in the governmental funds, but the repayment reduces long-term liabilities in the Statement of Net Position.

Bonds Issued	(1,498,484)	
Payments for Refunded Bonds	586,055	
Payments to Refunding Bond Escrow Agent	221,073	
Repayment of Bond Principal	779,981	
Bond Premium	(146,206)	
Bonds Discount	<u>323</u>	(57,258)

Some expenses reported in the Statement of Activities do not require the use of current financial resources and, therefore, are not reported as expenditures in governmental funds.

Net Decrease (increase) in Accrued Interest	62,724	
Decrease (increase) in Leases	(4,456)	
Decrease (increase) in Certificates of Participation	9,525	
Decrease (increase) in Compensated Absences	(3,579)	
Decrease (increase) in Pollution Remediation Liabilities	(2)	
Decrease (increase) in Claims and Judgments	(95)	
Change in net pension assets, net pension liabilities, and pension-related deferred outflows and inflows of resources	(191,887)	
Decrease (increase) in Postemployment Benefit Liabilities	<u>(21,298)</u>	(149,068)

Internal service funds are used by management to charge the costs of certain activities, such as insurance and telecommunications to individual funds. The net revenue (expense) of the internal service funds is reported with governmental activities. (415,826)

**Changes in Net Position of Governmental Activities as reported on the
Statement of Activities (See page 28)** \$ 2,444,720

The notes to the financial statements are an integral part of this statement.

Statement of Net Position - Proprietary Funds

June 30, 2023

(In Thousands)

	Business-type Activities - Enterprise Funds		
	Environmental Improvement	University of Wisconsin System	Unemployment Reserve
Assets			
Current Assets:			
Cash and Cash Equivalents	\$ 445,398	\$ 1,543,963	\$ 1,579,052
Investments	45	651,841	—
Securities Lending Collateral	—	244,396	—
Loans to Local Governments (net of allowance)	205,273	—	—
Other Loans Receivable (net of allowance)	—	13,831	—
Other Receivables (net of allowance)	18	174,142	169,848
Due from Other Funds	157	15,745	51
Due from Component Units	—	1,081	—
Due from Other Governments	12,504	154,869	1,187
Inventories	—	45,810	—
Prepaid Items	16	146,147	—
Leases Receivable	—	2,752	—
Other Assets	—	—	—
Total Current Assets	663,412	2,994,577	1,750,137
Noncurrent Assets:			
Investments	—	548,280	—
Loans to Local Governments (net of allowance)	2,032,914	—	—
Other Loans Receivable (net of allowance)	—	78,741	—
Other Receivables	—	—	93,301
Advances to Other Funds	6,831	—	—
Leases Receivable	—	18,341	—
Restricted and Limited Use Assets:			
Cash and Cash Equivalents	—	—	285
Net Other Post Employment Benefit Asset	7	45,141	—
Other Assets	—	—	—
Depreciable Capital Assets (net of accum. depreciation)	—	5,283,619	—
Nondepreciable Capital Assets	—	731,236	—
Total Noncurrent Assets	2,039,752	6,705,358	93,585
Total Assets	2,703,163	9,699,935	1,843,723
Deferred Outflows of Resources			
Debt Refunding	680	19,051	—
Advances by the State	—	—	—
Deferred Pension Outflows	479	2,581,727	—
Deferred Other Post Employment Benefits Outflows	30	270,627	—
Asset Retirement Obligation	—	8,722	—
Total Deferred Outflows of Resources	1,189	2,880,126	—
Total Assets and Deferred Outflows of Resources	\$ 2,704,353	\$ 12,580,061	\$ 1,843,723

Business-type Activities - Enterprise Funds			Governmental Activities		
Nonmajor Enterprise		Totals	Internal Service Funds		
\$	1,215,990	\$	4,784,403	\$	1,857,580
	14,928		666,815		—
	—		244,396		—
	190		205,463		—
	1		13,832		—
	183,168		527,176		1,849
	108,909		124,861		18,240
	—		1,081		—
	32,559		201,120		884
	7,352		53,162		9,865
	2,145		148,307		9,698
	—		2,752		—
	799		799		—
	<u>1,566,042</u>		<u>6,974,168</u>		<u>1,898,116</u>
	1,452,128		2,000,408		—
	2,051		2,034,965		—
	2,746		81,487		—
	—		93,301		—
	—		6,831		—
	—		18,341		—
	71,796		72,081		—
	4,518		49,666		1,090
	5,988		5,988		—
	262,508		5,546,126		457,399
	162,138		893,374		37,595
	<u>1,963,873</u>		<u>10,802,569</u>		<u>496,084</u>
	<u>3,529,915</u>		<u>17,776,737</u>		<u>2,394,200</u>
	240		19,971		1,709
	83,749		83,749		—
	305,042		2,887,247		75,516
	30,237		300,894		7,574
	—		8,722		—
	<u>419,268</u>		<u>3,300,584</u>		<u>84,800</u>
\$	<u>3,949,183</u>	\$	<u>21,077,320</u>	\$	<u>2,479,000</u>

(Continued)

Statement of Net Position - Proprietary Funds

June 30, 2023

(Continued)

	Business-type Activities - Enterprise Funds		
	Environmental Improvement	University of Wisconsin System	Unemployment Reserve
Liabilities			
Current Liabilities:			
Accounts Payable and Other Accrued Liabilities	\$ 66	\$ 271,802	\$ 37,634
Securities Lending Collateral Liabilities	—	244,396	—
Due to Other Funds	3,450	80,173	3,017
Due to Component Units	—	3,770	—
Interfund Payables	—	—	—
Due to Other Governments	49	5,638	56,206
Tax and Other Deposits	—	6,408	—
Unearned Revenue	—	201,782	—
Interest Payable	1,475	10,596	—
Short-term Notes Payable	—	28,999	—
Current Portion of Long-term Liabilities:			
Future Benefits and Loss Liabilities	—	—	—
Leases and SBITAs	—	38,376	—
Compensated Absences	228	99,157	—
Certificates of Participation	—	745	—
General Obligation Bonds and Notes Payable	—	127,477	—
Revenue Bonds and Notes Payable	33,675	—	—
Total Current Liabilities	38,943	1,119,318	96,857
Noncurrent Liabilities:			
Accounts Payable and Other Accrued Liabilities	—	—	—
Due to Other Governments	—	60,124	59,497
Noncurrent Portion of Long-term Liabilities:			
Future Benefits and Loss Liabilities	—	—	—
Leases and SBITAs	—	252,832	—
Compensated Absences	622	86,873	—
Net Pension Liability	130	709,734	—
Other Postemployment Benefits	64	597,019	—
Asset Retirement Obligation	—	13,643	—
Certificates of Participation	—	4,041	—
General Obligation Bonds and Notes Payable	—	1,493,973	—
Revenue Bonds and Notes Payable	381,368	—	—
Total Noncurrent Liabilities	382,185	3,218,239	59,497
Total Liabilities	421,128	4,337,557	156,354
Deferred Inflows of Resources			
Debt Refunding	—	23,832	—
Deferred Pension Inflows	268	1,485,637	—
Deferred Other Post Employment Benefits Inflows	44	336,631	—
Other Deferred Inflows	—	20,539	—
Total Deferred Inflows of Resources	312	1,866,639	—
Net Position:			
Net Investment in Capital Assets	—	4,068,412	—
Restricted for Unemployment Compensation	—	—	1,687,369
Restricted for Environmental Improvement	2,261,905	—	—
Restricted for Expendable Trusts	—	371,573	—
Restricted for Nonexpendable Trusts	—	239,303	—
Restricted for Future Benefits	—	—	—
Restricted for Pension and Other Post Employment Benefits	7	45,141	—
Restricted for Other Purposes	—	871,937	—
Unrestricted	21,001	779,500	—
Total Net Position	2,282,913	6,375,865	1,687,369
Total Liabilities, Deferred Inflows of Resources, and Net Position	\$ 2,704,353	\$ 12,580,061	\$ 1,843,723

The notes to the financial statements are an integral part of this statement

Business-type Activities - Enterprise Funds			Governmental Activities	
Nonmajor Enterprise		Totals	Internal Service Funds	
\$	127,346	\$ 436,849	\$	8,511
	—	244,396		—
	127,138	213,778		5,376
	139	3,909		—
	32,487	32,487		29,068
	5	61,898		135
	28,368	34,776		—
	39,519	241,300		—
	458	12,528		1,899
	667	29,666		4,084
	128,757	128,757		42,802
	1,301	39,676		20,177
	5,992	105,377		113,856
	1,025	1,770		2,829
	3,900	131,378		15,953
	—	33,675		—
	497,101	1,752,220		244,690
	1,760	1,760		—
	—	119,621		—
	1,063,148	1,063,148		101,160
	3,278	256,110		34,292
	9,622	97,117		2,352,770
	84,528	794,392		20,398
	68,113	665,197		18,774
	—	13,643		—
	3,638	7,680		8,531
	42,493	1,536,466		292,164
	—	381,368		—
	1,276,580	4,936,501		2,828,090
	1,773,682	6,688,721		3,072,780
	198	24,029		3,682
	178,950	1,664,854		43,973
	40,036	376,711		10,541
	—	20,539		—
	219,183	2,086,134		58,196
	338,177	4,406,589		134,831
	—	1,687,369		—
	—	2,261,905		—
	—	371,573		—
	—	239,303		—
	1,464,010	1,464,010		—
	4,518	49,666		1,090
	151,037	1,022,974		—
	(1,423)	799,077		(787,897)
	1,956,319	12,302,465		(651,976)
\$	3,949,183	\$ 21,077,320	\$	2,479,000
		12,302,465		
		(98,251)		
	\$	12,204,214		

Total Net Position Reported Above
Adjustment to Reflect the Consolidation of
Internal
Service Activities Related to Enterprise Funds
Net Position of Business-type Activities

Statement of Revenues, Expenses, and Changes in Fund Net Position - Proprietary Funds

For the Fiscal Year Ended June 30, 2023

(In Thousands)

	Business-type Activities - Enterprise Funds		
	Environmental Improvement	University of Wisconsin System	Unemployment Reserve
Operating Revenues:			
Charges for Goods and Services	\$ —	\$ —	\$ —
Participant and Employer Contributions	—	—	556,946
Tuition and Fees	—	1,523,838	—
Federal Grants and Contracts	—	1,030,606	—
Local and Private Grants and Contracts	—	270,443	—
Sales and Services of Educational Activities	—	377,849	—
Sales and Services of Auxiliary Enterprises	—	444,789	—
Sales and Services to UW Hospital Authority	—	52,707	—
Investment and Interest Income	44,452	—	—
Miscellaneous:			
Federal Aid for Unemployment Insurance Program	—	—	657
Reimbursing Financing Revenue	—	—	18,904
Other	2,944	468,678	2,734
Total Operating Revenues	<u>47,396</u>	<u>4,168,909</u>	<u>579,242</u>
Operating Expenses:			
Personal Services	8,479	4,123,455	—
Supplies and Services	3,586	1,454,270	—
Lottery Prize Awards	—	—	—
Scholarships and Fellowships	—	192,661	—
Depreciation	—	440,451	—
Benefit Expense	—	—	294,407
Interest Expense	10,440	—	—
Other Expenses	—	18,690	17,547
Total Operating Expenses	<u>22,506</u>	<u>6,229,527</u>	<u>311,954</u>
Operating Income (Loss)	<u>24,890</u>	<u>(2,060,619)</u>	<u>267,287</u>
Nonoperating Revenues (Expenses):			
Operating Grants	103,848	167,237	—
Investment and Interest Income	12,285	56,227	24,247
Gain (Loss) on Disposal of Capital Assets	—	(1,712)	—
Interest Expense	—	(59,938)	—
Gifts and Donations	—	512,292	—
Miscellaneous Revenues	—	77,835	—
Other Expenses:			
Property Tax Credits	—	—	—
Grants Disbursed	(60,516)	—	—
Other	—	—	—
Total Nonoperating Revenues (Expenses)	<u>55,616</u>	<u>751,941</u>	<u>24,247</u>
Income (Loss) Before Contributions, Transfers and Special Item	<u>80,506</u>	<u>(1,308,678)</u>	<u>291,534</u>
Capital Contributions	—	18,128	—
Additions to Endowments	—	5,448	—
Transfers In	—	1,334,773	60,000
Transfers Out	(7,012)	(108,584)	(18,915)
Change in Net Position	<u>73,494</u>	<u>(58,913)</u>	<u>332,619</u>
Total Net Position, Beginning of Year	2,209,418	6,434,778	1,354,749
Total Net Position, End of Year	<u>\$ 2,282,913</u>	<u>\$ 6,375,865</u>	<u>\$ 1,687,369</u>

The notes to the financial statements are an integral part of this statement

Business-type Activities - Enterprise Funds				Governmental Activities - Internal Service Funds	
Nonmajor Enterprise		Totals			
\$	1,367,221	\$	1,367,221	\$	370,837
	1,681,766		2,238,712		—
	—		1,523,838		—
	—		1,030,606		—
	—		270,443		—
	—		377,849		—
	—		444,789		—
	—		52,707		—
	68		44,520		—
	—		657		—
	—		18,904		—
	34,915		509,271		1,575
	3,083,971		7,879,516		372,412
	363,892		4,495,826		102,632
	322,239		1,780,096		142,331
	607,910		607,910		—
	—		192,661		—
	20,822		461,272		56,870
	1,817,333		2,111,740		247,600
	—		10,440		—
	20,945		57,182		717
	3,153,140		9,717,127		550,149
	(69,170)		(1,837,611)		(177,737)
	3,982		275,068		—
	(122,317)		(29,559)		(270,713)
	2,095		382		37
	(1,508)		(61,446)		(11,081)
	746		513,037		—
	5,891		83,726		577
	(324,236)		(324,236)		—
	(1,508)		(62,024)		—
	85		85		(391)
	(436,771)		395,033		(281,571)
	(505,941)		(1,442,578)		(459,309)
	3,644		21,772		—
	—		5,448		—
	280,034		1,674,807		1,334
	(20,668)		(155,178)		(4,592)
	(242,930)		104,271		(462,566)
	2,199,249		12,198,195		(189,409)
\$	1,956,319	\$	12,302,465	\$	(651,976)

	104,271	Change in Net Position Reported Above
	(46,740)	Activities Related to Enterprise Funds
\$	57,530	Change in Net Position of Business-Type Activities

Statement of Cash Flows - Proprietary Funds For the Fiscal Year Ended June 30, 2023

(In Thousands)

	Business-type Activities - Enterprise Funds		
	Environmental Improvement	University of Wisconsin System	Unemployment Reserve
Cash Flows From Operating Activities:			
Cash Receipts from Customers	\$ —	\$ —	\$ 522,407
Cash Payments to Suppliers for Goods and Services	(3,994)	(1,453,635)	—
Cash Payments to Employees for Services	(6,142)	(3,960,373)	—
Tuition and Fees	—	1,521,845	—
Grants and Contracts	—	1,300,502	—
Cash Payments for Lottery Prizes	—	—	—
Cash Payments for Loans Originated	(238,190)	(538,386)	—
Collection of Loans	199,482	545,075	—
Interest Income	44,466	—	—
Cash Payments for Benefits	—	—	(332,279)
Sales and Services of Educational Activities	—	356,375	—
Sales and Services of Auxiliary Enterprises	—	451,441	—
Sales and Services to UW Hospital Authority	—	64,948	—
Scholarships and Fellowships	—	(192,661)	—
Other Operating Revenues	2,944	439,967	54,854
Other Operating Expenses	—	—	(8,181)
Other Sources of Cash	—	—	—
Other Uses of Cash	—	—	—
Net Cash Provided (Used) by Operating Activities	(1,433)	(1,464,902)	236,801
Cash Flows From Noncapital Financing Activities:			
Operating Grants Receipts	101,511	167,237	—
Grants Disbursed	(60,533)	—	—
Proceeds from Issuance of Debt	53,771	—	—
Repayment of Bonds, Notes and Certificates of Participation	(29,375)	—	—
Interest Payments	(18,011)	—	—
Property Tax Credit Payments	—	—	—
Non Capital Gifts and Grants	—	517,608	—
Interfund Loans Received	—	—	—
Interfund Loans Repaid	—	—	—
Transfers In	—	1,352,063	60,000
Transfers Out	(7,012)	(106,640)	(18,915)
Other Cash Inflows from Non capital Financing Activities	—	34,694	—
Other Cash Outflows from Non capital Financing Activities	(231)	—	—
Net Cash Provided (Used) by Non Capital Financing Activities	40,119	1,964,963	41,085
Cash Flows From Capital and Related Financing Activities:			
Proceeds from Issuance of Debt	—	502,526	—
Capital Contributions	—	206,175	—
Repayment of Bonds, Notes and Certificates of Deposit	—	(755,635)	—
Interest Payments	—	(117,829)	—
Transfers In	—	—	—
Lease Obligations	—	—	—
Payments for Purchase of Capital Assets	—	(606,913)	—
Other Cash Inflows from Capital Financing Activities	—	59,655	—
Other Cash Outflows from Capital Financing Activities	—	—	—
Net Cash Provided (Used) by Capital and Related Financing Activities	—	(712,023)	—
Cash Flows From Investing Activities:			
Proceeds from Sale and Maturities of Investment Securities	—	185,447	—
Purchase of Investment Securities	—	(324,920)	—
Investment and Interest Receipts	12,252	4,764	24,247
Net Cash Provided (Used) by Investing Activities	12,252	(134,709)	24,247
Net Increase (Decrease) in Cash and Cash Equivalents	50,938	(346,671)	302,133
Cash and Cash Equivalents, Beginning of Year	394,460	1,890,634	1,277,203
Cash and Cash Equivalents, End of Year	\$ 445,398	\$ 1,543,963	\$ 1,579,336

Business-type Activities - Enterprise Funds				Governmental Activities - Internal Service Funds	
Nonmajor Enterprise		Totals			
\$	3,077,119	\$	3,599,526	\$	371,680
	(266,450)		(1,724,079)		(141,502)
	(336,757)		(4,303,271)		(96,762)
	—		1,521,845		—
	—		1,300,502		—
	(614,680)		(614,680)		—
	—		(776,576)		—
	175		744,732		—
	72		44,539		—
	(1,899,787)		(2,232,066)		(156,519)
	—		356,375		—
	—		451,441		—
	—		64,948		—
	—		(192,661)		—
	316		498,082		1,575
	(65,628)		(73,809)		—
	133,749		133,749		581
	(4)		(4)		(218)
	28,127		(1,201,406)		(21,165)
	3,641		272,389		—
	(2,703)		(63,236)		—
	—		53,771		—
	(1,042)		(30,417)		—
	(11)		(18,022)		(203)
	(319,670)		(319,670)		—
	163		517,772		—
	2,888		2,888		1,508
	(7,111)		(7,111)		(156)
	216,124		1,628,187		1,334
	(20,136)		(152,703)		(6,380)
	495		35,189		7
	(13)		(245)		(27)
	(127,374)		1,918,793		(3,917)
	2,416		504,942		71,086
	3,644		209,819		—
	(4,215)		(759,850)		(69,190)
	(2,159)		(119,988)		(14,144)
	55,628		55,628		—
	(949)		(949)		13,753
	(63,667)		(670,581)		(63,239)
	14,015		73,670		82
	(18,400)		(18,400)		(1,665)
	(13,687)		(725,710)		(63,316)
	359,256		544,703		—
	(359,153)		(684,073)		—
	(117,513)		(76,250)		(270,768)
	(117,410)		(215,620)		(270,768)
	(230,344)		(223,943)		(359,166)
	1,518,130		5,080,427		2,216,746
\$	1,287,786	\$	4,856,484	\$	1,857,580

(continued)

Statement of Cash Flows - Proprietary Funds For the Fiscal Year Ended June 30, 2023

(Continued)

	Business-type Activities - Enterprise Funds		
	Environmental Improvement	University of Wisconsin System	Unemployment Reserve
Reconciliation of Operating Income (Loss) to Net Cash Provided (Used) by Operations:			
Operating Income (Loss)	\$ 24,890	\$ (2,060,619)	\$ 267,287
Adjustment to Reconcile Operating Income (Loss) to Net Cash Provided (Used) by Operating Activities:			
Depreciation	—	440,451	—
Provision for Uncollectible Accounts	—	—	2,569
Operating Expense (Interest Expense) Classified as Noncapital Financing Activity	10,273	—	—
Miscellaneous Nonoperating Income (Expense)	—	—	—
Changes in Assets, Deferred Outflows, Liabilities and Deferred Inflows:			
Decrease (Increase) in Assets and Deferred Outflows:			
Receivables	9	(8,269)	(14,658)
Due from Other Funds	1,601	4,634	(2)
Due from Component Units	—	2,437	—
Due from Other Governments	(38,693)	6,252	(164)
Inventories	—	(7,274)	—
Prepaid Items	17	(42,879)	—
Net Pension Asset	228	1,085,067	—
Net OPEB Assets	—	103,185	—
Other Assets	—	—	—
Deferred Outflows of Resources	(104)	(553,653)	—
Increase (Decrease) Liabilities and Deferred Inflows:			
Accounts Payable and Other Accrued Liabilities	2	11,456	(15,778)
Due to Other Funds	641	(1,431)	(698)
Due to Other Component Unit	—	(1,273)	—
Due to Other Governments	(321)	(13,221)	(1,755)
Tax and Other Deposits	—	—	—
Unearned Revenue	—	(1,162)	—
Interest Payable	—	—	—
Compensated Absences	94	7,562	—
Net Pension Liability	120	709,734	—
Postemployment Benefits	—	(112,173)	—
Future Benefits and Loss Liability	—	—	—
Deferred Inflows of Resources	(191)	(1,033,725)	—
Total Adjustments	(26,323)	595,717	(30,486)
Net Cash Provided Used by Operating Activities	\$ (1,433)	\$ (1,464,902)	\$ 236,801
Noncash Investing, Capital and Financing Activities:			
Assets Acquired through Leases	\$ —	\$ 62,363	\$ —
Amortization of Premium/Discount	8,175	22,335	—
Contributions/Transfers In (Out) of Noncash Assets and Liabilities			
From/To Other Funds	—	—	—
Lottery Prize Annuity Investment Assumption	—	—	—
Net Change in Unrealized Gains and (Losses)	—	22,379	—
Other	—	1,416	—

The notes to the financial statements are an integral part of this statement.

Business-type Activities - Enterprise Funds				Governmental Activities - Internal Service Funds	
Nonmajor Enterprise		Totals			
\$	(69,170)	\$	(1,837,611)	\$	(177,737)
	20,822		461,272		56,870
	—		2,569		—
	—		10,273		—
	16,067		16,067		361
	(13,975)		(36,893)		623
	2,403		8,636		295
	—		2,437		(419)
	3,630		(28,975)		192
	631		(6,643)		359
	(110)		(42,972)		(96)
	126,416		1,211,711		30,379
	9,840		113,025		2,360
	96		96		—
	(66,703)		(620,460)		(15,870)
	4,864		544		1,035
	(1,296)		(2,784)		(817)
	(52)		(1,325)		—
	—		(15,297)		9
	515		515		—
	2,613		1,451		—
	12		12		—
	537		8,193		582
	84,528		794,382		20,398
	(16,140)		(128,313)		(4,303)
	33,921		33,921		91,809
	(111,321)		(1,145,238)		(27,192)
	97,297		636,204		156,572
\$	28,127	\$	(1,201,406)	\$	(21,165)
\$	—	\$	62,363	\$	30,165
	888		31,397		3,120
	(3)		(3)		—
	(188)		(188)		—
	(8,132)		14,247		(28)
	483		1,899		—

Statement of Fiduciary Net Position
June 30, 2023

(In Thousands)

	Pension and Other Employee Benefit Trust	Investment Trust	Private Purpose Trust	Custodial
Assets				
Cash and Cash Equivalents	\$ 2,133,012	\$ 5,997,880	\$ 1,049	\$ 152,122
Securities Lending Collateral	1,702,300	—	—	—
Prepaid Items	31,998	—	—	27
Receivables (net of allowance):				
Prior Service Contributions Receivable	5,130	—	—	—
Benefits Overpayment Receivable	2,668	—	—	—
Due from Other Funds	82,496	—	—	5,129
Due from Component Units	7,746	—	—	—
Due from Other Governments	148,523	—	—	1,635
Interest and Dividends Receivable	504,249	—	—	—
Investment Sales Receivable	5,569,609	—	—	—
Other Receivables	5,573	—	—	6,283
Total Receivables	6,325,994	—	—	13,047
Investments:				
Fixed Income	44,730,410	—	—	—
Stocks	56,639,942	—	—	—
Options	(103)	—	—	—
Financial Futures Contracts and Swaps	(25,938)	—	—	—
Private Fund Investments	31,718,665	—	—	—
Preferred Securities	512,888	—	—	—
Convertible Securities	12,862	—	—	—
Multi-asset Investments	7,682,286	—	—	—
Investment Contract	549,026	—	—	—
Foreign Currency Contracts	51,004	—	—	—
To Be Announced Securities	1,263,200	—	—	—
Deferred Compensation Plan Investments:				
Collective Investment Trust Funds	3,264,299	—	—	—
Mutual Funds	1,870,190	—	—	—
Stable Value Fund	752,068	—	—	—
Investments of Custodial Funds	—	—	—	33
Total Investments	149,020,798	—	—	33
Capital Assets	9,075	—	—	—
Other Assets	—	—	—	349,113
Total Assets	\$ 159,223,177	\$ 5,997,880	\$ 1,049	\$ 514,342

(continued)

(continued)

	Pension and Other Employee Benefit Trust	Investment Trust	Private Purpose Trust	Custodial
Liabilities				
Accounts Payable and Other Accrued Liabilities	\$ 128,646	\$ 222	\$ —	\$ 12,869
Reverse Repurchase Agreements	17,689,749	—	—	—
Securities Lending Collateral Liability	5,413,300	—	—	—
Annuities Payable	507,599	—	—	—
Due to Other Funds	80,964	188	—	5,832
Tax and Other Deposits	—	—	—	1,507
Due to Other Governments	—	—	—	95,881
Short Sales of Securities	3,643,331	—	—	—
Investment Payable	5,673,918	—	—	—
Unearned Revenue	519	—	—	—
Total Liabilities	33,138,027	410	—	116,089
Net Position				
Restricted for Pensions	118,368,433	—	—	—
Restricted for Other Postemployment Benefits	7,713,692	—	—	—
Restricted for Pool Participants	—	5,997,471	—	—
Restricted for Individuals, Organizations and Other Governments	3,025	—	1,049	398,253
Total Net Position	\$ 126,085,150	\$ 5,997,471	\$ 1,049	\$ 398,253

The notes to the financial statements are an integral part of this statement.

**Statement of Changes in Fiduciary Net Position
For the Year Ended June 30, 2023**

(In Thousands)

	Pension and Other Employee Benefit Trust	Investment Trust	Private Purpose Trust	Custodial
Additions				
Contributions:				
Employer Contributions	\$ 1,186,261	\$ —	\$ —	\$ —
Employee Contributions	1,333,358	—	—	—
Transfer-in From Other Plans	26,527	—	—	—
Total Contributions	2,546,147	—	—	—
Deposits	—	10,712,747	—	1,148,361
Premiums	—	—	—	23,531
Federal Subsidy	—	—	—	1,852
Investment Income:				
Net Appreciation (Depreciation) in Fair Value of Investments	(22,453,166)	—	—	—
Interest and Dividends	2,685,060	—	—	—
Securities Lending Income	140,328	—	—	—
Investment Income of Investment Trusts, Private Purpose Trusts, Other Employee Benefit Trusts and Custodial Funds	15,661	175,304	39	152
Less:				
Investment Expense	(790,074)	(1,177)	—	—
Securities Lending Rebates and Fees	(76,178)	—	—	—
Investment Income Distributed to Other Funds	469,205	—	—	—
Net Investment Income	(20,009,162)	174,127	39	152
Interest on Prior Service Receivable	324	—	—	—
Tax Collections for Other Governments	—	—	—	668,809
Miscellaneous Income	307	—	—	5
Total Additions	(17,462,384)	10,886,874	39	1,842,710
Deductions				
Retirement Benefits and Refunds:				
Retirement, Disability, and Beneficiary	6,949,082	—	—	—
Separations	54,797	—	—	—
Total Retirement Benefits and Refunds	7,003,879	—	—	—
Distributions	362,090	11,180,843	—	1,127,706
Benefits and Other Expenses	127,710	—	—	24,772
Administrative Expense	43,756	215	—	2,716
Payments of Tax to Other Governments	—	—	—	668,648
Total Deductions	7,537,435	11,181,058	—	1,823,841
Net Increase (Decrease)	(24,999,819)	(294,183)	39	18,868
Net Position - Beginning of Year	151,084,969	6,291,654	1,010	379,385
Net Position - End of Year	\$ 126,085,150	\$ 5,997,471	\$ 1,049	\$ 398,253

The notes to the financial statements are an integral part of this statement.



Notes To The Financial Statements

Index

Page

Summary of Significant Accounting Policies

Note 1 Summary of Significant Accounting Policies 48

Explanation of Certain Differences Between Governmental Fund Statements and Government-Wide Statements

Note 2 Detailed Reconciliation of the Government-wide and Fund Statements 59

Stewardship and Compliance

Note 3 Budgetary Control 63

Note 4 Deficit Fund Balance/Fund Net Position, Restricted Net Position, Budget Stabilization Arrangement, Minimum Fund Balance Policy, and Fund Balance of Governmental Funds 63

Detailed Disclosures Regarding Assets and Revenues

Note 5 Deposits and Investments 65

Note 6 Receivables and Net Revenues 89

Note 7 Capital Assets 90

Note 8 Endowments 93

Note 9 Interfund Receivables, Payables and Transfers 94

Detailed Disclosures Regarding Liabilities and Expenses/Expenditures

Note 10 Changes in Long-term Liabilities 97

Note 11 Bonds, Notes and Other Debt Obligations 99

Note 12 Lease Commitments, Information-Based IT Arrangements and Installment Purchases 109

Note 13 Pollution Remediation and Asset Retirement Obligations 111

Note 14 Retirement Plan 112

Note 15 Milwaukee Retirement System 115

Note 16 Other Postemployment Benefit (OPEB) Programs 116

Note 17 Other Postemployment Benefit (OPEB) Plans 119

Note 18 Public Entity Risk Pools Administered by the Department of Employee Trust Funds 129

Note 19 Self-Insurance 131

Note 20 Insurance Funds 132

Other Note Disclosures

Note 21 Segment Information and Condensed Financial Data 134

Note 22 Component Units - Condensed Financial Information 135

Note 23 Restatements of Beginning Fund Balances/Net Positions and Other Changes 136

Note 24 Litigation, Contingencies and Commitments 138

Note 25 Tax Abatements 140

Note 26 Subsequent Events 143

NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A. Basis of Presentation

The accompanying basic financial statements have been prepared in conformity with generally accepted accounting principles (GAAP) for governments as prescribed by the Governmental Accounting Standards Board (GASB).

B. Financial Reporting Entity

For GAAP purposes, the State of Wisconsin includes all funds, elected offices, departments and agencies of the State, as well as boards, commissions, authorities and universities. The State has also considered all potential "component units" for which it is financially accountable, and other affiliated organizations for which the nature and significance of their relationship, including their ongoing financial support, with the State are such that exclusion would cause the State's financial statements to be misleading or incomplete.

The decision to include a potential component unit in the State's reporting entity is based on the criteria set forth in GASB Statement No. 14, The Financial Reporting Entity, GASB Statement No. 39, Determining Whether Certain Organizations Are Component Units, an amendment of GASB Statement No. 14, and GASB Statement No. 61, The Financial Reporting Entity: Omnibus, an amendment of GASB Statements No. 14 and No. 34. GASB Statement No. 14 criteria include the ability to appoint a voting majority of an organization's governing body and (1) the ability of the State to impose its will on that organization or (2) the potential for the organization to provide specific financial benefits to, or impose specific financial burdens on, the State. GASB Statement No. 39 provisions relate to separately legal, tax-exempt organizations and include: (1) the economic resources received or held are entirely or almost entirely for the direct benefit of the State, (2) the State is entitled to, or has the ability to otherwise access, a majority of the economic resources received or held by the separate organization, and (3) the economic resources received or held by an individual organization that the State is entitled to, or has the ability to otherwise access, are significant to the State. GASB Statement No. 61 modified certain requirements for inclusion in the financial reporting entity, especially in regard to the fiscal dependency criterion where a financial benefit or burden relationship is now required. It also amended the "blending" criteria for component units and clarified the reporting of equity interests in legally separate organizations.

Based upon the application of the criteria contained in GASB Statement No. 14, as amended by GASB Statement No. 39, the Wisconsin Public Broadcasting Foundation, Inc. is reported as a blended component unit; and the Wisconsin Housing and Economic Development Authority, the Wisconsin Health Care Liability Insurance Plan, the University of Wisconsin Hospital and Clinics Authority, the Wisconsin Economic Development Corporation and the University of Wisconsin Foundation, are presented as discrete component units, as discussed below.

Complete financial statements of the individual component units that issue separate statements can be obtained from their respective administrative offices:

Wisconsin Public Broadcasting Foundation Inc.
Wisconsin Educational Communications Board
3319 West Beltline Highway
Madison, WI 53713
<http://www.ecb.org>

Wisconsin Housing and Economic Development Authority
908 East Main Street, Suite 501
Madison, WI 53703
<http://www.wheda.com>

Wisconsin Health Care Liability Insurance Plan
Office of the Commissioner of Insurance
125 South Webster Street
Madison, WI 53703
<http://oci.wi.gov>

University of Wisconsin Hospital and Clinics Authority
301 South Westfield Road
Madison, WI 53717
<http://www.uwhealth.org>

Wisconsin Economic Development Corporation
2352 South Park Street, Suite 303
Madison, Wisconsin 53713
<http://www.wedc.org>

University of Wisconsin Foundation
1848 University Avenue
Madison, WI 53726-4090
<https://www.supportuw.org>

Blended Component Unit

Blended component units are entities that are legally separate from the State but are so intertwined with the State that they are, in substance, the same as the State. The blended component unit serves or benefits the primary government. They are reported as part of the State and blended into the appropriate funds.

Wisconsin Public Broadcasting Foundation, Inc. – The Wisconsin Public Broadcasting Foundation, Inc. (Foundation), created in 1983 by the Wisconsin Legislature, is a private, non-stock, nonprofit Wisconsin Corporation, wholly owned by the Wisconsin Educational Communications Board (ECB), a unit of the State. The Foundation solicits funds in the name of, and with the approval of, the ECB. The Foundation's funds are managed by a five-member board of trustees consisting of the executive director of the ECB and four members of the ECB board. The Foundation is reported as a special revenue fund.

Discretely Presented Component Units

Discretely presented component units are entities which are legally separate from the State, but are financially accountable to the State, whose relationship with the State is such that exclusion would cause the State's financial statements to be misleading or incomplete. The Wisconsin Housing and Economic Development Authority, the Wisconsin Health Care Liability Insurance Plan, the University of Wisconsin Hospital and Clinics Authority, the Wisconsin Economic Development Corporation and the University of Wisconsin Foundation are reported in a separate column and in separate rows in the government-wide statements to emphasize that they are legally separate.

Wisconsin Housing and Economic Development Authority – The Wisconsin Housing and Economic Development Authority (Authority) was established by the Wisconsin Legislature in 1972 to help meet the housing needs of Wisconsin's low and moderate income citizens. The State has significantly expanded the scope of services of the Authority by adding programs that include financing for farmers and for economic development projects. While the Authority receives no State tax dollars for its bond-supported programs and the State is not liable on bonds the Authority issues, the State has the ability to impose its will on the Authority through legislation. The State also appoints the Authority's Board. The Authority reports on a June 30 fiscal year-end.

Wisconsin Health Care Liability Insurance Plan – The Wisconsin Health Care Liability Insurance Plan (Plan) was established by rule of the Commissioner of Insurance of the State of Wisconsin to provide health care liability insurance and liability coverage normally incidental to health care liability insurance to eligible health care providers in the State. Eight out of 13 members of the Board of Directors are appointed by the Governor, and the State has the ability to impose its will upon the Plan. The Plan reports on a fiscal year ended December 31.

University of Wisconsin Hospital and Clinics Authority – The University of Wisconsin Hospital and Clinics Authority (Hospital) is a not-for-profit academic medical center. The Hospital provides comprehensive health care to patients, education programs, research and community service. Prior to June 1996, the Hospital was a unit of the University of Wisconsin-Madison. In June 1996, in accordance with legislation enacted by the State Legislature, the Hospital was restructured as a Public Authority, a public body corporate and politic created by State statutes. The State appoints a majority of the Hospital's Board of Directors and a financial benefit/burden relationship exists between the Hospital and the State. The Hospital reports on a June 30 fiscal year-end.

The legislation that created the Hospital Authority also provided, among other things, for the Board of Regents of the University of Wisconsin System to execute various agreements with the Hospital. These agreements include an Affiliation Agreement, a Lease Agreement, a Conveyance Agreement and a Contractual Services Agreement and Operating and Service Agreement.

The Affiliation Agreement requires the Hospital to continue to support the educational, research and clinical activities of the University of Wisconsin-Madison, which are administered by the Hospital. Under the terms of a Lease Agreement, the Hospital leases facilities which were occupied by the Hospital as of June 29, 1996. Under a Conveyance Agreement, certain assets and liabilities related to the Hospital were identified and transferred to the Hospital effective July 1, 1996. Subject to the Contractual Services Agreement and Operating and Service Agreement between the Board of Regents and the Hospital, the two parties have entered into contracts for the continuation of services in support of programs and operations.

Wisconsin Economic Development Corporation – The Wisconsin Economic Development Corporation (WEDC) is a legally separate body corporate and politic. The WEDC's primary purpose is economic development activities in the State. The State appoints a majority of the WEDC's Board, has the ability to impose its will on the WEDC, and a financial benefit/burden relationship exists. The WEDC reports on a fiscal year ended June 30.

University of Wisconsin Foundation – The University of Wisconsin Foundation (the Foundation) is a legally separate, tax-exempt component unit of the State. The Foundation acts primarily as a fund-raising organization to supplement the resources that are available mostly to the University of Wisconsin-Madison (UW-Madison) as well as several other units of the University of Wisconsin System in support of its programs. These include scientific, literary, athletic and educational program purposes. The University of Wisconsin System is reported as an enterprise fund of the State. Although the State does not control the timing or amount of receipts from the Foundation, the majority of resources, or income thereon, that the Foundation holds and invests, are restricted to the activities of the UW-Madison by the donors. Because these restricted resources held by the Foundation can only be used by, or for the benefit of, the UW-Madison and several

other units of the University of Wisconsin System, the Foundation is considered a component unit of the State. The Foundation reports on a fiscal year ended June 30.

Related Organizations

These related organizations are excluded from the reporting entity because the State's accountability does not extend beyond appointing a voting majority of the organization's board members. Financial statements are available from the respective organizations.

Wisconsin Health and Educational Facilities Authority – a public body politic and corporate that provides financing for capital expenditures and refinancing of indebtedness for Wisconsin health care and educational institutions.

Fox River Navigational System Authority – created under Chapter 237 as a public body corporate and politic to oversee the Fox River navigational system after the federal government (the U.S. Army Corps of Engineers) transferred the system to the State.

C. Government-wide and Fund Financial Statements

The *government-wide* financial statements consist of the statement of net position and the statement of activities.

These statements report information on all activities, except for fiduciary activities, of the primary government and its component units. The statement of net position and the statement of activities distinguish between the governmental and business-type activities of the State. Governmental activities are generally financed through taxes, intergovernmental revenues and other nonexchange revenues. Business-type activities are generally financed in whole or in part by fees charged to external parties for goods and services. The focus of the government-wide statements is the primary government. A separate column on the statement of net position and the statement of activities reports activities for all discretely presented component units.

The *fund* financial statements provide detailed information on all governmental, proprietary and fiduciary funds. Separate columns are presented for all major governmental and enterprise funds. Nonmajor governmental and enterprise funds are aggregated and presented as a single column on the respective governmental or proprietary statements. Internal service funds are exempt from the major fund reporting requirements and are aggregated and ultimately reported as a single column on the proprietary statements. Fiduciary funds are also exempt from major fund reporting and are aggregated by fund type and ultimately reported as single columns on the fiduciary statements.

D. Measurement Focus, Basis of Accounting, and Financial Statement Presentation

The *government-wide* statement of net position and statement of activities, as well as the *proprietary and fiduciary fund* statements, are reported using the economic resources measurement focus and the accrual basis of accounting. With this measurement focus, all assets, deferred outflows of resources, liabilities, and deferred inflows of resources associated with the operation of these funds are included on the statement of net position. Under the accrual basis, revenues are recorded when earned and expenses are recorded when the related liability is incurred.

In the University of Wisconsin System's enterprise fund, revenues and expenses of an academic term that spans two fiscal years are recognized in two years based on a proration of summer session days.

In reporting the financial activity of its enterprise funds and business-type activities, the State applies all applicable GASB pronouncements.

Most of the funds included in the State's Annual Comprehensive Financial Report are presented on a fiscal year ended June 30. However, because funds of the Department of Employee Trust Funds (DETF) are administered on a calendar year basis, they are presented on a fiscal year ended December 31. This may result in GASB standards being implemented in different fiscal years for the DETF GAAP funds. Funds reported as of December 31 include: Wisconsin Retirement System, Accumulated Sick Leave Conversion Credit, Supplemental Health Insurance Conversion Credit, Wisconsin Deferred Compensation, Duty Disability, Reimbursed Employee Expense, Local Retiree Life Insurance, Retiree Life Insurance, Milwaukee Retirement System, Retiree Health Insurance, Local Retiree Health Insurance, Income Continuation Insurance, and Health Insurance.

As a result of the differences in timing, transactions between funds with different fiscal year ends may result in inconsistencies in amounts reported as due to/due from other funds or as interfund transfers. Similar differences may occur in amounts reported as due to/from component units.

The University of Wisconsin Foundation and Wisconsin Health Care Liability Insurance Plan are reported as component units. The Foundation financial statements are prepared using accounting standards promulgated by the Financial Accounting Standards Board as they apply to not-for-profit corporations. The Plan financial statements are prepared using prescribed statutory accounting practices included in the National Association of Insurance Commissioner's Accounting Practices and Procedures Manual. Statutory accounting practices vary somewhat from United States GAAP, but differences are expected to be immaterial.

Governmental fund financial statements are accounted for using the current financial resources measurement focus. With this measurement focus, only current assets and current liabilities generally are included on the balance sheet. Operating statements of these funds present increases (i.e., revenues and other financing sources) and decreases (i.e., expenditures and other financing uses) in net available financial resources.

Governmental funds are reported on the modified accrual basis of accounting. This basis of accounting recognizes revenues generally when they become measurable and available to pay current reporting period liabilities. For this purpose, the State considers tax revenues to be available if they are collected within 60 days of the end of the current fiscal year end. Other revenues are considered to be available if received within one year after the fiscal year end except for tobacco settlement revenues for which just one-half of revenues expected to be received within one year are recognized. Material revenue sources susceptible to accrual include individual and corporate income taxes, sales taxes, public utility taxes, motor fuel taxes and federal revenues.

Expenditures and related liabilities are recognized when obligations are incurred as a result of the receipt of goods and services. However, expenditures related to debt service, compensated absences, and claims and judgments, are recorded only when payment is due.

The State reports the following major funds:

Major Governmental Funds

- *General Fund* – the primary operating fund of the State, accounts for all financial transactions except those required to be accounted for in another fund.
- *Transportation Fund* – a special revenue fund, accounts for the proceeds from motor fuel taxes, vehicle registrations, licensing fees, and federal and local governments which are used to supply and support safe, efficient and effective transportation in Wisconsin.

Major Enterprise Funds

- *Environmental Improvement Fund* – accounts for financial resources generated and used for clean water projects. Federal capitalization grants, interest earnings, revenue bond proceeds, and general obligation bond proceeds are its primary funding sources.
- *University of Wisconsin System Fund* – accounts for the 13 four-year universities, 13 additional campuses affiliated with seven of the four-year institutions, and System Administration.
- *Unemployment Reserve Fund* – accounts for unemployment contributions made by employers, federal program receipts, benefit payment recoveries and unemployment benefits paid to laid off workers in the State.

In addition, the State reports the following fund types:

Governmental Funds

- *Special Revenue Funds* – account for and report the proceeds of specific revenue sources that are restricted or committed to expenditure for specified purposes other than debt service or capital projects. Examples include the Conservation Fund and the Petroleum Inspection Fund.
- *Debt Service Funds* – account for and report financial resources that are restricted, committed, or assigned to expenditure for principal and interest. Financial resources that are being accumulated for future principal and interest are also reported in debt service funds.
- *Capital Projects Funds* – account for and report financial resources that are restricted, committed or assigned to expenditure for capital outlays, including the acquisition or construction of capital facilities and other capital assets (other than those financed by proprietary funds or that will be held in trust for individuals, private organizations, or other governments).
- *Permanent Funds* – account for and report resources that are restricted to the extent that only earnings, and not principal, may be used for purposes that support the State's programs – that is, for the benefit of the State or its citizenry.

Proprietary Funds

- *Enterprise Funds* – account for the activities for which fees are charged to external users for goods or services. Examples include the Lottery Fund and the Veterans Trust Fund.
- *Internal Service Funds* – account for the operations of State agencies which provide goods or services to other State units or other governments on a cost-reimbursement basis. These services include technology, fleet management, financial, facilities management, risk management, human resource services and accumulated sick leave. Additional goods and services are provided by the inmate work experience program, Badger State Industries.

Fiduciary Funds

- *Pension and Other Employee Benefit Trust Funds* – used to account for resources that are required to be held in trust for members and beneficiaries for public employee retirement or other benefit plans e.g. Wisconsin Retirement System.
- *Investment Trust Funds* – account for assets invested on a commingled basis by the State on behalf of other governmental entities e.g. local government pooled investments.
- *Private-purpose Trust Funds* – account for all other trust arrangements which benefit individuals, private organizations, or other governments e.g. the state-sponsored college savings program.
- *Custodial Funds* – account for those assets for which the State acts solely in a custodial capacity e.g. the collection and disbursement of court-ordered child support payments.

Amounts reported as program revenues on the government-wide statement of activities include (a) charges for services – amounts received from customers or applicants who purchase, use or directly benefit from the goods, services or privileges provided by the State; including interest earnings from various loan funds/ component units, (b) program-specific operating grants, contributions, and restricted interest, and (c) program-specific capital grants, contributions, and restricted interest. General revenues consist of taxes and all other revenues that do not meet the definition of program revenues. Special items, if any, are significant transactions or events within the control of management that are either unusual in nature or infrequent in occurrence.

As a general rule, the effect of interfund activity has been eliminated from the government-wide financial statements. This includes all internal service fund activity, as well as other internal allocations. Exceptions to this general rule are certain charges between various functions of the government, whose elimination would distort the direct costs and program revenues reported for the various functions concerned.

The revenues and expenses shown on the proprietary fund statements are identified as either operating or nonoperating.

Operating revenues and expenses generally result from providing goods and services in connection with a proprietary fund's primary mission. The State's enterprise funds are involved in many diverse fields including patient care, insurance programs, loan programs, the University of Wisconsin System, employee benefit plans, and the lottery. The internal service funds provide services and goods to other State agencies and departments.

A significant portion of operating revenues for the proprietary funds is recorded under charges for goods and services. In the case of the State's loan program enterprise funds, investment and interest income is an important component of operating revenue. Operating revenues of the University of Wisconsin include tuition and fees, certain grants and contracts resulting from exchange transactions, and sales and services of educational activities and auxiliary enterprises. In regards to the employee benefit plans, the primary operating revenue source is participant and employer contributions. Operating expenses for the proprietary funds include the costs of sales and services, benefit expenses, administration expenses and depreciation on capital assets. All revenues and expenses not related to a fund's primary purpose are reported as nonoperating.

When both restricted and unrestricted resources are available for use, it is the State's policy to use restricted resources first, then unrestricted resources as they are needed.

GASB Standards Implemented During the Fiscal Year

Effective for Fiscal Year 2023, the State implemented the following new standards issued by the Governmental Accounting Standards Board (GASB).

GASB Statement No. 91, *Conduit Debt Obligations*, establishes a single model of reporting conduit debt obligations by issuers to eliminate diversity in practice.

GASB Statement No. 94, *Public-Private and Public-Public Partnerships (PPPs) and Availability Payment Arrangements (APAs)*, establishes reporting guidance for PPPs and APAs. A PPP is an arrangement in which the government contracts with an operator to provide public services by conveying control of the right to use infrastructure or other capital assets in an exchange or exchange-like transaction. An APA is an arrangement in which a government compensates an operator for services of a nonfinancial asset in an exchange or exchange-like transaction.

GASB Statement No. 96, *Subscription-Based Information Technology Arrangements (SBITAs)*, establishes guidance on right to use intangible assets and software excluded from GASB 87. Contracts that convey the right to use another party's IT software in an exchange or exchange-like transaction are reported with a right to use capital asset and subscription liability.

GASB Statement No. 99, *Omnibus 2022*, paragraphs 11-25 relating to leases, PPPs and SBITAs.

E. Assets, Deferred Outflows of Resources, Liabilities, Deferred Inflows of Resources, and Net Position/Fund Balances

1. Cash and Cash Equivalents

Cash balances of most funds are deposited with the Department of Administration (DOA) where the available balances beyond immediate needs are pooled in the State Investment Fund for short-term investment purposes. Balances pooled are restricted to legally stipulated investments valued consistent with GASB Statement No. 72, *Fair Value Measurement and Application*. Cash balances not controlled by DOA may be invested where permitted by statute.

Cash and cash equivalents, reported on the balance sheet and statement of cash flows, include bank accounts, petty cash, cash in transit, short-term investments with an original maturity of three months or less such as certificates of deposit, money market certificates, repurchase agreements and individual funds' shares in the State Investment Fund.

GASB Statement No. 40, *Deposit and Investment Risk Disclosures*, requires disclosure of risks associated with deposit and investment balances and the policies applied to mitigate such risks. Specific disclosures are included in Note 5, Deposits and Investments.

2. Investments

The State may invest in direct obligations of the United States and Canada, securities guaranteed by the United States, certificates of deposit issued by banks in the United States and solvent financial institutions in the State, commercial paper and nonsecured corporate notes and bonds, banker's acceptances, participation agreements, privately placed bonds and mortgages, common and preferred stock and other securities approved by applicable sections of the Wisconsin Statutes, bond resolutions, and various trust indentures (see Note 5 to the financial statements).

Investments of the primary government are reported at fair value consistent with the provisions of GASB Statement No. 72, *Fair Value Measurement and Application*. Typically, fair value information is determined using quoted market prices. However, when quoted market prices are not available for certain securities, fair values are estimated through techniques such as discounted future cash flows, matrix pricing and multi-tiers.

In some instances, securities are reported at cost. Certain non-public or closely held stocks are carried at cost since no independent quotation is available to price these securities. Further, certain investment agreements are reported on a cost basis because the State cannot readily determine whether these agreements meet the definition of interest-earning investment

contracts as defined by GASB Statement No. 31. However, the impact on the financial statements is immaterial.

Under Wisconsin Statutes, the investment earnings of certain Permanent Funds are assigned to other funds. The following table shows the funds earning the investment income and the ultimate recipients of that income:

Fund Generating Investment Income	Fund Receiving Investment Income
Agricultural College	University of Wisconsin System
Normal School	General Fund and University of Wisconsin System
University	University of Wisconsin System

3. Mortgage and Other Loans

Mortgage loans of the Veterans Trust Fund program, a business-type activity, are stated at the outstanding loan balance less an allowance for doubtful accounts.

4. Forestation State Tax

2017 Wis. Act 59 (the Budget Act) ended the forestry mill tax, the only property tax that had been levied by the State. The proceeds of the tax had been paid to the Conservation Fund. The tax ended effective with the January 1, 2017 property tax assessments (property taxes levied in 2017 for payment in 2018).

5. Interfund Assets/Liabilities

During the course of operations, numerous transactions occur between individual funds for goods provided or services rendered. The balance sheet or statement of net position for proprietary and fiduciary funds classifies these receivables and payables as "Due from Other Funds" or "Due to Other Funds." Short-term interfund loans are classified as "Interfund Receivables" or "Interfund Payables." Long-term interfund loans are classified as "Advances to Other Funds" and "Advances from Other Funds".

Balances that exist between the primary government and component units are classified as "Due to/from Primary Government" and, correspondingly, "Due to/from Component Units".

Amounts reported in the funds as interfund assets/liabilities are eliminated in the governmental and business-type columns of the Statement of Net Position, except for the net residual amount due between governmental and business-type activities which is shown as internal balances.

6. Inventories and Prepaid Items

Inventories of governmental and proprietary funds are valued at cost, which approximates market, using the first-in/first-out, last in/first out, or weighted-average method. The costs of governmental fund-type inventories are recorded as expenditures when purchased rather than when consumed.

Inventories of the University of Wisconsin System held by central stores are valued at average cost, fuels are valued at market, and other inventories held by individual institutional cost centers are valued using a variety of cost flow assumptions that, for each type of inventory, are consistently applied from year to year.

Prepaid items reflect payments for costs applicable to future accounting periods.

The fund balances of governmental funds are reported as nonspendable for inventories and prepaid items, except in cases where prepaid items are offset by unearned revenues, to indicate that these accounts do not represent expendable available financial resources.

7. Capital Assets

Capital assets, which include property, plant, equipment, intangibles, land, library holdings, and infrastructure assets (roads, bridges, and buildings considered an ancillary part of roads), are reported in the applicable governmental or business-type activities columns in the government-wide financial statements. Assets of the primary government, other than infrastructure and land purchased for the construction of infrastructure assets, are capitalized when they have a unit cost of \$5,000 or more (except for a collection of library resources that must have a cumulative value equal to or greater than \$5.0 million and software purchased by the University of Wisconsin System) and a useful life of more than one year. In addition, internally generated intangible assets are capitalized only if costs are equal to or are greater than \$1.0 million.

Purchased or constructed capital assets are valued at cost or estimated historical cost if actual historical cost is not practicably determinable. Donated capital assets are recorded at their acquisition value at the time received.

The State has elected to report infrastructure assets (roads, bridges and buildings considered an ancillary part of roads) using the modified approach. Under this method infrastructure assets are not required to be depreciated if the State manages its eligible infrastructure assets using an asset management system designed to maintain and preserve its infrastructure assets at a condition level established and disclosed by the State. All infrastructure assets constructed prior to July 1, 2000 have been recorded at estimated historical cost which was determined by calculating the current cost of a similar asset and deflating that cost using Federal Highway Administration’s composite index for

federal aid highway construction to the estimated average construction date. All infrastructure assets constructed after July 1, 2000 have been recorded at historical cost. The costs of maintenance and preservation that do not add to the asset’s capacity or efficiency are not capitalized. Interest incurred during construction is not capitalized.

Exhaustible capital assets of the primary government generally are depreciated on the straight-line method over the asset’s useful life. Select buildings of the University of Wisconsin System are depreciated using the componentized method over the estimated useful life of the related assets. Depreciation expense is recorded in the government-wide financial statements, as well as in the proprietary fund statements. There is no depreciation recorded for land, construction in process, and infrastructure. In addition, depreciation is not recorded for certain other capital assets including the State Capitol, Executive Residence and associated furnishings, and the Historical Society library collection. Generally, estimated useful lives are as follows:

Buildings and improvements	6 - 40 years
Equipment, machinery and furnishings	3 - 15 years
Library Holdings	15 years

Collections of works of art, historical treasures, and similar assets, which are on public display, used in furtherance of historical education, or involved in advancement of artistic or historical research, are not capitalized unless these collections were already capitalized at June 30, 1999. Collections range from memorabilia on display in the Wisconsin Veterans Museum, the Wisconsin Historical Society Museum and other museums to buildings such as the Villa Louis Mansion and the Fur Trade Museum located at the Villa Louis historical site. In addition, works of art or historical treasures on display in the various State office buildings, as well as statues on display outside the State Capitol, also are not capitalized.

8. Restricted and Limited Use Assets

Assets that are required to be held and/or used as specified in Wisconsin statutes, bond indentures, bond resolutions, trustee agreements, board resolutions, and donor specifications have been reported as Restricted and Limited Use Assets.

9. Local Assistance Aids

Municipal and County Shared Revenue Program

Through the Municipal and County Shared Revenue Program, the State distributes general revenues collected from general State tax sources to municipal and county governments to be used for providing local government services. State statutes require that payment to local governments be made during July and November.

The State was liable to various local governments for unpaid shared revenue aid. To measure the amount of the program allocable to the State's fiscal year, the amount is prorated over portions of recipient local governments' calendar fiscal years that are within the State's fiscal year. The result is that a liability of \$449.9 million representing one-half of the total appropriated amount is reported at June 30, 2023 as Due to Other Governments.

State Property Tax Credit Program

The State was liable to various taxing jurisdictions for the school levy, the first dollar, and the lottery property tax credits paid through the State Property Tax Credit Program.

The school levy tax credit provides property tax relief in the form of State credits on individual property tax bills.

The first dollar tax credit was first established for property taxes levied in 2008, and payable in 2009. This credit is allowed on every taxable real estate parcel containing an improvement in the state.

Under the lottery property tax credit, owners of property used as a primary residence receive a tax credit equal to the school property tax on a portion of the dwelling's value.

State statutes require that payment to local taxing jurisdictions for the school levy and first dollar tax credits be made during July. Although the state property tax credit is calculated on the property tax levy for school purposes, the State's July payment is paid to an administering municipality who treats the payment the same as other tax collections and distributes the collections to the various tax levying jurisdictions (e.g., cities, towns, and school districts).

The portion of the liability payable to school districts for the school levy and first dollar tax credits represents the amount of the July payment earned over the school districts' previous fiscal year ended June 30. Since the entire school districts' portion of the July payment occurs within the State's fiscal year, 100 percent of the July payment relating to the school taxing jurisdictions' levy is reported as a liability at June 30, 2023.

The portion of the liability payable to general government for the school levy and first dollar tax credits represents the amount of the July payment prorated over the portion of the local governments' calendar year which is within the State's fiscal year. The result is that 50 percent of the July payment based on the general government taxing jurisdictions' levy is reported as a liability at June 30, 2023.

The aggregated State Property Tax Credit Program liability of \$803.6 million is reported in the General Fund as Due to Other Governments. Of that amount, \$693.7 million relates to the school levy tax credit and \$109.9 million relates to the first dollar tax credit.

The lottery property tax credit is accounted for in the Lottery Fund, an enterprise fund that records revenues and expenses on the accrual basis. The State pays municipal treasurers for lottery credits who distribute the moneys to the various taxing jurisdictions. For credits reducing the calendar year 2023 property tax bills, the State made this payment in March 2023. A portion of the State's March payment distributed to the general government taxing jurisdictions applies to their fiscal year that ends on December 31. Therefore, part of the March distribution represents an expense of the State in Fiscal Year 2023, while the remaining portion represents advanced payments. The resulting deferred outflow of resources reported within the Lottery Fund totals \$83.7 million at June 30, 2023.

State Aid for Exempt Computers

The Aid for Exempt Computers compensates local governments for tax base lost due to the property tax exemption for computers, software and related equipment. Aid payments are calculated using a procedure that results in an aid amount equal to the amount of taxes that would be paid if the property were taxable. Payments to local governments are made on the fourth Monday in July.

At June 30, 2023, the State was liable to various local governments and other taxing jurisdictions for unpaid exempt computer aid payments of \$67.7 million.

State Aid for Exempt Personal Property

2017 Wis. Act 59 (the Budget Act) exempted machinery, tools, and patterns, not including such items considered manufacturing property under current law, from the property tax effective with property assessed as of January 1, 2018 (the 2018(19) property tax levy). The Act also created a state aid program administered by DOR to make payments to each local taxing jurisdiction, including tax increment districts, that imposed property taxes on those items that were not manufacturing property in 2017(18).

Upon certification by DOR, payments are made to local taxing jurisdictions on or before the first Monday in May. Under the Act, aid payments totaling \$75.6 million were made in May 2023.

State Aid for Video Service Provider Fee

2019 Wis. Act 9 (the Budget Act) reduced the fee rate municipalities can charge cable and phone companies. This state aid to municipalities replaces the lost revenue related to the fee reduction. Payments to local governments are made on the fourth Monday in July.

At June 30, 2023, the State was liable to various local governments and other taxing jurisdictions for unpaid aid for video service fees of \$5.0 million.

10. Long-term Debt Obligations

In the government-wide financial statements, and proprietary fund types in the fund financial statements, long-term debt is reported as a liability net of the applicable bond premium or discount. Bond premiums and discounts are deferred and amortized using the effective interest rate method on a prospective basis beginning in Fiscal Year 2004, except for the annual appropriation bonds that are amortized ratably over the life of the obligations to which they relate.

In the fund financial statements, governmental fund types recognize flows for bond premiums and discounts, as well as issuance costs, during the current period. The face amount of the debt issued is reported as other financing sources. Premiums and discounts are reported as other financing sources and other financing uses, respectively. Issuance costs are reported as other debt service expenditures for governmental fund types, and non-operating expenses for proprietary fund types.

On the government-wide financial statements, bond premiums and discounts related to the Transportation Revenue Bonds, which finance programs in a capital projects fund, are amortized ratably over the life of the obligations to which they relate. Results from the use of this method do not vary materially from those that would be obtained by use of the effective interest rate method.

11. Compensated Absences

Consistent with the compensated absences reporting standards of GASB Statement No. 16, *Accounting for Compensated Absences*, an accrual for certain salary-related payments associated with annual leave and an accrual for a certain portion of sick leave is included in the compensated absences liability at year end.

Annual Leave

Full-time employees' annual leave days are credited on January 1 of each calendar year in general at a minimum of 15 or 13 days per year, depending on Fair Labor Standards Act (FLSA) status. There is no requirement to use annual leave. However, unused leave is lost unless approval to carry over the unused portion is obtained from the employing agency. In general, each full-time employee is eligible for four and one-half personal holidays each calendar year, provided the employee is in pay status for at least one day in the year. If a holiday occurs on a Saturday, employees receive leave time proportional to their working status to use at their discretion.

The State's compensated absence liability at June 30 consists of accumulated unpaid annual leave, personal holiday hours, and Saturday/legal holiday hours earned and vested during January through June. The liability is reported in the government-wide, proprietary fund types and fiduciary funds.

Sick Leave

Full-time employees earn sick leave at a rate of five hours per pay period. Unused sick leave is accumulated from year to year without limit until termination or retirement. Accumulated sick leave is not paid. However, at employee retirement the accumulated sick leave may be converted to pay for the retiree's health insurance premiums. The State accumulates resources to pay for the expected health insurance premiums of retired employees. The portion of the health insurance obligation funded through the sick leave conversion and accumulated resources are presented as two funds. The basic component of sick leave is presented as an internal service fund and the supplementary component of sick leave is presented as a pension and other employee benefit trust fund.

12. Unearned Revenue

In both the government-wide and fund financial statements unearned revenue represents amounts for which asset recognition criteria have been met, but not revenue recognition criteria. Unearned revenue arises when resources are received by the State before it has a legal claim to them, such as when grant moneys are received prior to the incurrence of qualifying expenditures. In subsequent periods, when revenue recognition criteria are met, or when the State has a legal claim to the resources, the liability for unearned revenue is removed and revenue is recognized.

Unearned revenue of the University of Wisconsin System consists of payments received but not earned at June 30, 2023, primarily for summer session tuition, tuition and room deposits for the next fall term, advance ticket sales for upcoming intercollegiate athletic events, and amounts received from grant and contract sponsors that have not yet been earned under the terms of the agreement.

13. Self-Insurance

Consistent with the requirements of GASB Statement No. 10, *Accounting and Financial Reporting for Risk Financing and Related Insurance Issues*, the State's risk management activities are reported in an internal service fund, and the claims liabilities associated with that fund are reported therein.

The State's policy is generally not to purchase commercial insurance for the risk of losses to which it is exposed. Instead, State management believes it is more economical to manage its own risks internally. The Risk Management Fund, an internal service fund, is used to pay for losses incurred by any State agency and for administrative costs incurred to manage a state-wide risk management program. These losses include damage to property owned by the agencies, personal injury or property damage liabilities incurred by a State officer, agent or employee, and worker's compensation costs for State employees. A limited amount of insurance is purchased to limit the exposure to catastrophic losses. Annually, a charge is allocated to each

agency for its proportionate share of the estimated cost attributable to the program per Wis. Stat. Sec. 16.865(8).

14. Deferred Outflows of Resources and Deferred Inflows of Resources

Deferred outflows of resources represent a consumption of net assets by the government that is applicable to a future reporting period. Deferred inflows of resources represent an acquisition of net assets by the government that is applicable to a future reporting period. The events associated with the outflows and inflows of resources have already occurred. Under GASB standards, however, the recognition of those outflows and inflows as expenses or expenditures and revenues are deferred until the future periods to which the outflows and inflows are applicable. GASB standards identify circumstances under which deferred outflows of resources and deferred inflows of resources must be reported. The reporting of deferred inflows and outflows are only allowable under those circumstances.

As applicable, the State reports deferred outflows of resources or deferred inflows of resources in the Statement of Net Position for governmental activities and business-type activities and for proprietary and fiduciary fund types as follows:

A decrease or increase in the fair value of derivative instruments classified as effective hedges is presented as a deferred outflow or deferred inflow of resources, respectively, with an off-setting liability or asset, as applicable.

Gains on refunded debt (i.e. the reacquisition price is less than the net carrying amount of the old debt) are reported as deferred inflows, while losses on refunded debt (i.e. the reacquisition price is greater than the net carrying amount of the old debt) are reported as deferred outflows. Both are amortized to interest expense over the remaining life of the old bonds or the life of the new bonds, whichever is shorter.

Differences between expected and actual experience with regard to economic and demographic factors in the measurement of the pension and OPEB liabilities for the State's proportionate share are reported as deferred inflows or deferred outflows of resources. They are amortized using a systematic and rational method over a closed period equal to the average of the expected remaining service lives of all active and inactive employees provided with pensions or OPEBs through the applicable plans.

Changes of assumptions about future economic or demographic factors, or of other inputs in the measurement of the pension or OPEB liabilities for the State's proportionate share, are reported as deferred inflows or deferred outflows of resources. They are amortized using a systematic and rational method over a closed period equal to the average of the expected remaining service lives of all active and inactive employees provided with pensions or OPEBs through the applicable plans.

Differences between projected and actual earnings on the State's proportionate share of pension or OPEB plan investments, if any, are reported as deferred inflows or deferred outflows of resources and amortized using a systematic and rational method over a closed five-year period.

Changes in the State's proportionate share of the pension or OPEB liabilities since the prior measurement date, and differences between actual and proportionate share of contributions are reported as deferred inflows or deferred outflows of resources. They are amortized using a systematic and rational method over a closed period equal to the average expected remaining service lives of all active and inactive employees provided with pensions or OPEBs through the applicable plans.

Contributions to the pension or OPEB plans from the State subsequent to the measurement date of the pension or OPEB liabilities and before the end of the State's fiscal year end are reported as deferred outflows of resources.

State resources transmitted to an entity before time requirements are met, but after all other eligibility requirements have been met, are reported as a deferred outflow of resources.

Federal or other entities' resources transmitted to the State before time requirements are met, but after all other eligibility requirements have been met, are reported as deferred inflows of resources.

When asset retirement obligations (ARO) are recognized, a corresponding deferred outflow of resources is also recognized and reduced in a systematic and rational manner over the estimated useful life of the capital asset.

Further, governmental fund types may report deferred inflows of resources for unavailable revenue, such as derived nonexchange revenue transactions (e.g. sales tax, income tax, assessments on earnings and consumption, etc.). These inflows are not deferred in the government-wide financial statements; rather, they are recognized as revenue.

15. Fund Balance Classification and Restricted Net Position

Fund Balance Classification

In the fund financial statements, governmental funds report fund balance classifications that comprise a hierarchy based primarily on the extent to which the state is bound to honor constraints on the specific purposes for which amounts in those funds can be spent. Fund balance is reported as 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.

Amounts that may be used only for specific purposes, pursuant to constraints imposed by passage of a bill by both houses of the legislature that is signed into law by the governor, are reported as committed fund balance. Those committed amounts cannot be used for any other purpose unless a bill passes both houses of the legislature and is signed by the governor to remove or change the specified use. Passage of a bill by both houses of the legislature and signing of the bill by the governor is the highest level action that results in committed fund balance.

Amounts that are constrained by the state's intent to be used for specific purposes, but are neither restricted nor committed, are classified as assigned fund balances. Intent is expressed by state officials to whom the state has delegated the authority to assign amounts to be used for specific purposes. Unassigned fund balance represents fund balance that has not been restricted, committed, or assigned to specific purposes within the General Fund. Unassigned fund balance may also include negative balances for any governmental fund if expenditures exceed amounts nonspendable, restricted or committed for those purposes. Nonspendable fund balances include amounts that cannot be spent because they are either not in spendable form or are legally or contractually required to be maintained intact.

When both restricted and unrestricted resources are available for use it is the State's policy to use restricted resources first, and then unrestricted as they are needed. The state has not established a policy for use of unrestricted fund balance. Under the provisions of GASB Statement No. 54, *Fund Balance Reporting and Governmental Fund Type Definitions*, if a government does not establish a policy for its use of unrestricted fund balance amounts, committed amounts would be reduced first, followed by assigned amounts, and then unassigned amounts.

Restricted Net Position

Restricted Net Position, presented in the government-wide and proprietary funds statement of net position are reported when constraints placed on use are either (1) externally imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments, or (2) imposed by law through constitutional provisions or enabling legislation. Enabling legislation authorizes the government to assess, levy, charge, or otherwise mandate payment of resources (from external resource providers) and includes a legally enforceable requirement that those resources be used only for the specific purposes stipulated in the legislation. Unrestricted net position may be used at the State's discretion but may have limitations on use based on State statutes.

NOTE 2. DETAILED RECONCILIATION OF THE GOVERNMENT-WIDE AND FUND STATEMENTS**A. Explanation of Differences Between the Balance Sheet – Governmental Funds and the Statement of Net Position**

During the year ended June 30, 2023, the following adjustments and reclassifications were necessary to reconcile the information from the fund-based Balance Sheet – Governmental Funds to the amounts presented in the governmental activities section of the Statement of Net Position (in thousands). The differences result primarily from the long-term economic focus of the Statement of Net Position compared to the current financial focus of the Balance Sheet – Governmental Funds.

	Total Governmental Funds	Long-term Assets and Liabilities (1)	Internal Service Funds (2)	Reclassifications and Eliminations (3)	Total Amount for Statement of Net Position
Assets:					
Cash and Cash Equivalents	\$ 12,219,972	\$ —	\$ 1,857,580	\$ —	\$ 14,077,552
Investments	1,105,196	—	—	—	1,105,196
Receivables (net of allowance):					
Taxes	1,960,892	—	—	(1,960,892)	—
Loans to Local Governments	244,305	—	—	(244,305)	—
Other Loans Receivable	16,285	—	—	(16,285)	—
Other Receivables	1,024,135	1,571	2,733	3,894,501	4,922,940
Due from Other Funds	200,351	—	18,240	(218,591)	—
Due from Component Units	236	—	—	(236)	—
Interfund Receivables	65,348	—	—	(65,348)	—
Due from Other Governments	1,594,531	—	—	(1,594,531)	—
Internal Balances	—	—	98,251	79,842	178,094
Inventories	99,514	3,031	9,865	—	112,410
Prepaid Items	17,119	319	9,698	—	27,137
Restricted Assets:					
Cash and Cash Equivalents	221,189	—	—	—	221,189
Investments	503,800	—	—	—	503,800
Net Pension Asset	—	—	—	—	—
Sick Leave OPEB Asset	—	37,663	1,090	—	38,754
Other Assets	15,102	—	—	—	15,102
Depreciable Capital Assets	—	1,581,187	457,399	—	2,038,586
Infrastructure	—	20,145,677	—	—	20,145,677
Other Non-depreciable Capital Assets	—	5,309,897	37,595	—	5,347,492
Total Assets	19,287,975	27,079,346	2,492,451	(125,844)	48,733,928
Deferred Outflows of Resources	22,029	3,014,905	84,800	—	3,121,734
Total Assets and Deferred Outflows	\$ 19,310,004	\$ 30,094,251	\$ 2,577,251	\$ (125,844)	\$ 51,855,662
Liabilities:					
Accounts Payable and Other Accrued Liabilities	1,355,494	—	8,511	23,069	1,387,073
Due to Other Funds	103,487	—	34,444	(137,931)	—
Due to Component Units	358	—	—	(358)	—
Interfund Payables	3,794	—	—	(3,794)	—
Due to Other Governments	2,564,002	—	135	—	2,564,137
Tax Refunds Payable	1,785,688	—	—	—	1,785,688
Tax and Other Deposits	114,332	—	—	—	114,332
Unearned Revenue	1,811,324	3,031	—	—	1,814,355
Interest Payable	29,636	51,647	1,899	—	83,182
Advances from Other Funds	6,831	—	—	(6,831)	—
Short-term Notes Payable	155,991	—	4,084	—	160,075
Long-term Liabilities:					
Current Portion	137,645	877,323	195,617	—	1,210,586
Noncurrent Portion	—	10,697,585	2,828,090	—	13,525,675
Total Liabilities	8,068,581	11,629,588	3,072,780	(125,844)	22,645,104
Deferred Inflows of Resources	624,824	1,206,404	58,196	—	1,889,424
Fund Balances/Net Position	10,616,599	17,258,259	(553,724)	—	27,321,134
Total Liabilities, Deferred Inflows, and Fund Balances/Net Position	\$ 19,310,004	\$ 30,094,251	\$ 2,577,251	\$ (125,844)	\$ 51,855,662

- (1) Long-term asset and liability differences arise because governmental funds focus only on short-term financing (that is, resources that will be available to pay for current period expenditures). In contrast, the Statement of Net Position has a long-term economic focus and reports on all capital and financial resources.
- (2) The adjustment for internal service funds reflects the reclassification of these funds for the government-wide statement. The assets and liabilities of these funds are reported as proprietary activities on the fund statements, but are included as governmental activities on the Statement of Net Position.
- (3) Various reclassifications are necessary due to the differing level of detail needed on each of the statements. Eliminations are done on the Statement of Net Position to minimize the grossing-up effect on assets and liabilities within the governmental and business-type activities columns of the primary government. The net residual amounts due between governmental and business-type activities are shown as internal balances.

B. Explanation of Differences Between the Statement of Revenues, Expenditures, and Changes in Fund Balances – Governmental Funds and the Statement of Activities

During the year ended June 30, 2023, the following adjustments and reclassifications were necessary to reconcile the information from the fund-based Statement of Revenues, Expenditures, and Changes in Fund Balances – Governmental Funds to the amounts presented in the governmental section of the Statement of Activities (in thousands). The differences result primarily from the long-term economic focus of the Statement of Activities compared to the current financial focus of the Statement of Revenues, Expenditures, and Changes in Fund Balance – Governmental Funds.

	Total Governmental Funds	Long-term Revenues and Expenses (1)	Capital-Related Items (2)
Revenues:			
Taxes			
Income Taxes	\$ 11,627,817	\$ 16,983	\$ —
Sales & Excise Taxes	8,281,396	6,432	—
Public Utility Taxes	361,313	—	—
Other Taxes	372,259	29	—
Motor Fuel (Transportation) Taxes	1,122,108	17	—
Other Dedicated Taxes	120,587	—	—
Intergovernmental	17,439,930	—	—
Operating Grants	—	(2,835)	—
Capital Grants	—	—	796
Licenses and Permits	2,203,010	—	—
Charges for Goods and Services	384,356	4,347	—
Investment and Interest Income	502,016	—	—
Fines and Forfeitures/Contributions to Permanent Fund	70,548	—	—
Gifts and Donations	27,971	—	—
Miscellaneous:	—	3,386	3,877
Tobacco Settlement	132,458	—	—
Other	367,285	—	—
Total Revenues	43,013,054	28,358	4,673
Expenditures/Expenses:			
Current Operating:			
Commerce	584,114	8,177	3,707
Education	9,328,352	7,010	2,905
Transportation	2,926,449	27,382	60,366
Environmental Resources	533,211	19,303	23,284
Human Relations and Resources	20,150,279	161,226	93,143
General Executive	1,386,529	28,366	10,173
Judicial	152,774	9,883	3,653
Legislative	79,614	5,177	—
Tax Relief and Other General Expenditures	1,663,902	—	—
Intergovernmental - Shared Revenue	1,073,399	—	—
Capital Outlay	813,488	—	(813,488)
Debt Service:			
Principal	840,023	—	—
Interest and Other Charges	388,882	—	—
Total Expenditures/Expenses	39,921,016	266,523	(616,256)
Excess of Revenues Over (Under)			
Expenditures/Expenses	3,092,038	(238,165)	620,929
Other Financing Sources (Uses):			
Net Transfers	(1,515,634)	—	—
Long-term Debt Issued	1,506,139	—	—
Premium/Discount on Bonds	146,183	—	—
Payments for Refunded Bonds	(586,055)	—	—
Payments to Refunding Bond Escrow Agent	(221,073)	—	—
Lease Acquisitions	64,046	(64,046)	—
Total Other Financing Sources (Uses)	(606,396)	(64,046)	—
Net Change in Fund Balance/Net Position	2,485,642	(302,210)	620,929
Change in Inventories	(4,011)		
Net Change for the Year	\$ 2,481,631		

- (1) Long-term revenue differences arise because governmental funds report revenues only when they are considered "available," while government-wide statements report revenues when earned. Long-term expense differences arise because governmental funds report operating expenses (including interest) using the modified accrual basis of accounting, while government-wide statements report using the accrual basis of accounting.
- (2) Capital-related adjustments consist of the difference between proceeds for the sales of capital assets and the gain or loss from the sales of capital assets, and from the difference between capital outlay expenditures recorded in the governmental funds and depreciation expense recorded in the government-wide statements.
- (3) The adjustment for internal service funds reflects the elimination of these funds from the government-wide statement, which is accomplished by charging/refunding additional amounts to participating governmental activities to completely offset the internal service funds' cost for the year.

Internal Service Funds (3)	Long-term Debt Transactions (4)	Eliminations (5)	Revenue/Expense Reclassifications (6)	Total Amount for Statement of Activities
\$ —	\$ —	\$ —	\$ —	11,644,800
—	—	—	—	8,287,828
—	—	—	—	361,313
—	—	—	—	372,288
—	—	—	—	1,122,124
—	—	—	—	120,587
—	—	—	(17,439,930)	—
—	—	56,590	16,287,180	16,340,935
—	—	55,605	1,221,944	1,278,345
—	—	—	—	—
—	—	—	(2,203,010)	—
(64,419)	—	(6,988)	2,263,032	2,580,328
(270,713)	—	—	(41,266)	190,036
—	—	—	(59,979)	10,569
—	—	—	(27,971)	—
—	—	—	500,480	507,743
—	—	—	(132,458)	—
—	—	—	(367,285)	—
(335,132)	—	105,207	737	42,816,897
2,996	—	—	(46)	598,948
2,832	—	56,556	(51)	9,397,603
9,690	—	—	8,519	3,032,406
6,459	2	—	(1,586)	580,674
45,220	95	55,639	(2,889)	20,502,714
(5,526)	—	(6,988)	63	1,412,617
3,023	—	—	—	169,333
1,663	—	—	—	86,454
—	—	—	—	1,663,902
—	—	—	—	1,073,399
—	—	—	—	—
—	(840,023)	—	—	—
11,081	(65,464)	—	—	334,498
77,436	(905,390)	105,207	4,011	38,852,548
(412,568)	905,390	—	(3,274)	3,964,349
(3,258)	—	—	(737)	(1,519,629)
—	(1,506,139)	—	—	—
—	(146,183)	—	—	—
—	586,055	—	—	—
—	221,073	—	—	—
—	—	—	—	—
(3,258)	(845,193)	—	(737)	(1,519,629)
\$ (415,826)	\$ 60,197	\$ —	(4,011)	2,444,720
			4,011	—
			\$ —	\$ 2,444,720

- (4) Long-term debt transaction differences consist of bond proceeds and principal repayments reported as other financing sources and expenditures in governmental funds, but as increases and decreases in liabilities in the government-wide statements.
- (5) Intra-entity activity within the same function is eliminated to remove the grossing up of both direct expenses and program revenues within that category.
- (6) Revenue and expense reclassifications are necessary due to the differing level of detail needed on each of the statements. In addition, the Statement of Activities focuses on program revenue, which has been redefined from the traditional revenue source categories.

NOTE 3. BUDGETARY CONTROL

The legal level of budgetary control for Wisconsin is at the function, agency, program, appropriation-level. Supplemental appropriations require the approval of the Joint Finance Committee of the Legislature. Routine adjustments, such as pay plan supplements and rent increases, are distributed by the Division of Executive Budget and Finance from non-agency specific appropriations authorized by the Legislature. Various supplemental appropriations were approved during the year and have been incorporated into the budget figures.

The budgetary comparison schedule and related disclosures for the General and Transportation funds are reported as Required Supplementary Information. This schedule presents the original budget, the final budget and actual data of the current period. The related disclosures describe the budgetary practices of the State, as well as, provide a detailed reconciliation between the General and Transportation funds' equity balance on the budgetary basis compared to the GAAP basis as shown on the governmental fund statements.

NOTE 4. DEFICIT FUND BALANCE/FUND NET POSITION, RESTRICTED NET POSITION, BUDGET STABILIZATION ARRANGEMENT, MINIMUM FUND BALANCE POLICY, AND FUND BALANCE OF GOVERNMENTAL FUNDS

A. Deficit Fund Balance/Fund Net Position

Funds reporting a deficit fund balance or net position at June 30, 2023 are (in thousands):

<hr/>		
Special Revenue:		
Dry Cleaner Environmental Response	\$	6,222
Capital Projects:		
Capital Improvement		144,170
Enterprise:		
Northern Developmental Disabilities Center		11,762
Internal Service:		
Accumulated Sick Leave Basic Plan		702,846
Fleet Services		4,260
Human Resource Services		7,574
Risk Management		121,538
<hr/>		

B. Restricted Net Position

GASB Statement No. 46, Net Assets Restricted by Enabling Legislation, which amends GASB Statement No. 34, Basic Financial Statements – and Management's Discussion and Analysis – for State and Local Governments, provides guidance for determining when net assets have been restricted to a particular use by the passage of enabling legislation and how

those net assets should be reported in financial statements when there are changes in the circumstances surrounding such legislation. Net position restricted by enabling legislation was as follows on June 30, 2023 (in thousands):

<hr/>	
Governmental Activities:	
Net Position Restricted by Enabling Legislation	\$ 121,522
Business-type Activities:	
Net Position Restricted by Enabling Legislation	<u>465,628</u>
<hr/>	

C. Budget Stabilization Arrangement

Wisconsin Statutes 25.60 establishes a stabilization arrangement for monies to be set aside for use if General Fund revenues are less than projected and expenditures exceed budgeted amounts. Wisconsin Statutes 16.518 provides for the automatic transfer of 50.0 percent of the excess of General Fund tax revenues over tax estimates to be deposited into a stabilization appropriation. However, the transfer may not be made if the stabilization balance is at least equal to 5.0 percent of estimated General Fund expenditures for the fiscal year. Further, the transfer may not reduce the General Fund balance below the required statutory balance. In addition to the transfer described, under Wisconsin Statutes 16.72(4) net proceeds from the sale of supplies, materials and equipment are also to be deposited into the stabilization appropriation except as otherwise provided by law.

Wisconsin Statutes 16.50(7) provides that if the secretary of the Department of Administration determines that previously authorized expenditures under the biennial budget act will exceed revenues in the current or forthcoming fiscal year by more than one-half of one percent of the estimated general purpose revenue appropriations for that fiscal year, he or she shall immediately notify the governor, the presiding officers of each house of the legislature and the joint committee on finance. Following such notification, the governor shall submit a bill containing recommendations for correcting the imbalance between projected revenues and authorized expenditures, including a recommendation as to whether moneys should be transferred from the budget stabilization appropriation to the General Fund.

The balance of the budget stabilization arrangement as of June 30, 2023 was \$1.8 billion. There was no transfer to the budget stabilization fund in fiscal year 2023 since the current balance exceeded 5.0 percent of the estimated General Fund expenditures for the fiscal year.

D. Minimum Fund Balance

Wisconsin Statutes 20.003(4) establishes a minimum General Fund balance. Under the statutes, no bill directly or indirectly affecting general purpose revenues as defined in Wisconsin Statutes 20.001(2)(a) may be enacted by the legislature if the bill would cause the estimated General Fund balance on June 30 of any fiscal year to be an amount equal to or less than the amount specified for that fiscal year. The minimum required balance for the fiscal year ending June 30, 2023 was \$95.0 million.

E. Fund Balance for Governmental Funds

Governmental funds reported the following categories of fund balance as of June 30, 2023 (in thousands):

	General	Transportation	Nonmajor Governmental	Total Governmental
Nonspendable for:				
Inventory, Prepaid and Long-term Receivables	\$ 66,716	\$ 34,620	\$ 15,297	\$ 116,633
Legal or Contractual Purposes (Permanent Fund Principal)		—	1,391,677	1,391,677
Restricted for:				
Commerce	29,493		—	29,493
Education	16,980		91,806	108,786
Transportation	—	1,322,288	—	1,322,288
Environmental Resources	2,911		255,131	258,042
Human Relations and Resources	494,187		60,711	554,898
General Executive	68,395		9,914	78,309
Judicial	89		—	89
Legislative	10		—	10
Tax Relief and Other General Expenditures	405		—	405
Intergovernmental - Shared Revenue	—		927	927
Debt Service			397,759	397,759
Capital Projects			163,336	163,336
Committed to:				
Commerce			80,567	80,567
Education			1,258	1,258
Environmental Resources			109,488	109,488
Human Relations and Resources			41,650	41,650
General Executive			54,260	54,260
Judicial			91	91
Tax Relief and Other General Expenditures	1,800,049		—	1,800,049
Capital Projects			61,167	61,167
Assigned to:				
Commerce	12,638		—	12,638
Education	64,960		—	64,960
Transportation	37,970		—	37,970
Environmental Resources	9,719		—	9,719
Human Relations and Resources	210,032		—	210,032
General Executive	11,033		—	11,033
Judicial	419		—	419
Legislative	15		—	15
Tax Relief and Other General Expenditures	9,705		—	9,705
Unassigned	3,839,317	—	(150,392)	3,688,924
Total Fund Balance	\$ 6,675,041	\$ 1,356,909	\$ 2,584,649	\$ 10,616,599

NOTE 5. DEPOSITS AND INVESTMENTS

The State maintains a short-term investment "pool", the State Investment Fund, for the State, its agencies and departments, and certain other public institutions which elect to participate. The investment "pool" is managed by the State of Wisconsin Investment Board (SWIB) which is further authorized to carry out investment activities for certain enterprise, trust and custodial funds. A small number of State agencies also carry out investment activities separate from the SWIB.

The State of Wisconsin Investment Board also issues separate financial reports for the investments they manage, including the State Investment Fund (SIF), and the Wisconsin Retirement System (WRS). Copies of the separately issued financial reports may be obtained at www.swib.state.wi.us or by writing to:

State of Wisconsin Investment Board
 P.O. Box 7842
 Madison, WI 53707-7842

The Department of Employee Trust Funds issues separate financial reports for the State of Wisconsin Public Employees Deferred Compensation Plan and Trust (Deferred Compensation). Copies of the separately issued financial reports may be obtained at etf.wi.gov or by writing to:

Department of Employee Trust Funds
 P.O. Box 7931
 Madison, WI 53707-7931

A. Deposits

Deposits include cash and cash equivalents on deposit in banks or other financial institutions, and nonnegotiable certificates of deposit. The majority of the State's deposits are under the control of the Department of Administration. The Department of Administration maintains multiple accounts with an agreement with the bank that allows an overdraft in one account if the overdraft is offset by balances in other accounts.

Custodial credit risk is the risk that in the event of a bank failure, the government's deposits may not be returned to it. The State's policy regarding custodial credit risk is detailed in Chapter 34 of the State Statutes. In brief, any federal or state bank, credit union or savings bank may be designated a public depository. A surety bond may be required. The State's insured deposits are covered by the Federal Deposit Insurance Corporation (FDIC) and an appropriation for losses on public deposits. In the event of loss, the division of banking makes payments up to \$400,000 per depositor for the excess of the payments made by the Federal Deposit Insurance Corporation or the Wisconsin Credit Union Savings Insurance Corporation. Payments are made, until the funds available in the appropriation are exhausted, in the order in which satisfactory proofs of loss are received by the State's Department of Financial Institutions.

1. Primary Government

As of June 30, 2023, \$568.3 million of the primary government's bank balance of \$581.6 million was exposed to custodial credit risk as follows (in millions):

Uninsured and uncollateralized	\$	568.3
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Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of a deposit. Deposits in foreign currency at June 30, 2023 are immaterial. The primary government does not have a formal policy specifically related to foreign currency risk.

The State's Unemployment Reserve Fund had \$1.6 billion on deposit with the U.S. Treasury. This amount is presented as "Cash and Cash Equivalents" and is not included in the carrying amount of deposits nor is it categorized according to risk because it is neither a deposit with a financial institution nor an investment.

Certificates of Deposit are carried at cost as they are considered nonparticipating interest-earning investment contracts. Because they are valued at cost, they are not included in the fair value hierarchy established by GASB Statement 72, Fair Value Measurement and Application.

2. Wisconsin Retirement System (WRS)

As of December 31, 2022, WRS cash deposits totaled \$400.1 million. Of the total deposits, \$92.4 million was collateralized by the securities borrowed. The remaining deposits, totaling \$310.5 million, were uninsured and uncollateralized. These uninsured deposits represented balances held in foreign currencies in the WRS custodian's nominee name, cash posted as collateral for derivatives transactions, and cash collateral posted in excess of the market value of securities borrowed by the WRS for short sales. In addition to cash deposits, the WRS held \$20.0 million in time deposits.

3. Deferred Compensation

Cash and cash equivalents for the Deferred Compensation Fund represent the balance of the FDIC Bank Option. The FDIC Bank option provides safety of principal and a stable credited rate of interest and is insured up to \$250,000 per participant. As of December 31, 2022, 95 individual participant accounts held more than \$250,000 totaling \$36.0 million.

4. State Investment Fund

The State of Wisconsin appropriation for losses on public deposits protects a depositing municipality up to \$400,000 (or less if the appropriation is exhausted) on its proportionate share of all losses of principal invested if the local governing body has designated the Local Government Investment Pool (LGIP) as a public depository. The actual coverage of these deposits can fluctuate daily based on the allocable share of participants' accounts. In addition, the SIF held time deposits with financial institutions with a fair value of \$75.0 million, all of which were uncollateralized and uninsured on June 30, 2023.

B. Investments

1. Primary Government

Wisconsin Statutes, program policy provisions, appropriate governing boards, and general resolutions contained in revenue bond indenture documents define the types of securities authorized as appropriate investments and the conditions for making investment transactions.

Investments of the State are managed by various portfolios. For disclosure purposes, the following investment portfolios are discussed separately:

- Primary government, excluding the University of Wisconsin System, Wisconsin Retirement System and the State Investment Fund. The primary government portfolios include funds separately managed by the State of Wisconsin Investment Board consisting of the following:
 - State Life Insurance Fund (SLIF)
 - Injured Patients and Families Compensation Fund (IPFCF)
 - Historical Society Fund
- The University of Wisconsin System (UWS)
- State of Wisconsin Public Employees Deferred Compensation Plan and Trust (Deferred Compensation)
- Wisconsin Retirement System (WRS)
- State Investment Fund (SIF) -- functions as the State's cash management fund by "pooling" the idle cash balances of all State funds and other public institutions. Investments of the SIF are discussed in section B2 of this note disclosure.

Primary Government (excluding the UWS, WRS, and SIF)

For the primary government, except for the Separately Managed Funds discussed later, permitted investments include: direct general obligations of the United States of America and obligations (including obligations of any federal agency or corporation) for which the payment of the principal and interest are unconditionally guaranteed by the full faith and credit of the United States; bonds or other obligations of any state or the United States of America or of any agency, instrumentality or local governmental unit of any such state including the State of Wisconsin; bonds, debentures, participation certificates, notes or similar evidences of indebtedness of any of the Federal Financing Bank, Federal Home Loan Bank System, Federal Farm Credit Bank, Federal National Mortgage Association, Federal Home Loan Mortgage Corporation, Resolution Funding Corporation, Government National Mortgage Association, Student Loan Marketing Association or Tennessee Valley Authority; public housing bonds issued by public agencies or municipalities; commercial paper; interest-bearing time deposits, certificates of deposit or other similar banking arrangements; shares of a diversified open-end management investment company; repurchase agreements; common and preferred stock; banker's acceptances; corporate commercial paper; bonds issued by a local district created under Wisconsin Act 229; and investment agreements with a bank, bank holding company, insurance company or other financial institution.

The SWIB has control of the investment and collection of principal, interest, and dividends of all monies invested of the State Life Insurance Fund (SLIF), the Injured Patients and Families Compensation Fund (IPFCF), and the Historical Society Trust Fund, which are collectively known as the "Separately Managed Funds".

Permitted classes of investments of the SLIF and the IPFCF include bonds of government units or of corporations, loans secured by mortgages, preferred or common stocks, real property and other investments not specifically prohibited by statute.

Funds available for the Historical Society Trust Fund are managed with an investment objective of maintaining a diversified portfolio of high quality publicly issued equities and fixed income obligations providing long-term growth in capital and income generation.

University of Wisconsin System (UWS)

The UWS Board of Regents authorize and govern the UWS investment policies and guidelines. Beginning in FY 2018, the UWS Board of Regents has delegated investment management authority to the SWIB and is responsible for monitoring its delegation of this investment management authority. The SWIB determines and sets UWS asset allocation targets which are reviewed quarterly.

In addition, UWS continues to have an allocation to private markets through a "legacy" portfolio that will self-liquidate over time as investments are sold and cash proceeds are received.

The Intermediate Term Cash Management Fund was established in 2022 in accordance with the investment policies and guidelines governed and authorized by the UWS Board of Regents, and is currently distributed among fixed income funds, bank loans, and global equities. The objective of the Intermediate Term Fund is to manage principal, ensure liquidity for anticipated needs, and maintain purchasing power for existing assets. The Intermediate Term Fund has a target asset allocation to public markets of the following: 83.3 percent fixed income and 16.7 percent public equities. The target allocations were last approved by the University Investment Committee in January 2022. The Intermediate Term Fund is an intermediate portfolio, governed by and subject to a Memorandum of Understanding between University of Wisconsin System Administration and the University of Wisconsin - Madison.

An internally managed investment fund was established for a limited and select number of participating Trust Funds accounts by the University Board of Regents to provide an educational investment management opportunity for the UW-Madison School of Business's Applied Security Analysis Program. The "RegentFund" is an intermediate-term fixed income portfolio, governed by and subject to a Board-approved Memorandum of Understanding, which includes detailed investment guidelines.

The UWS also issues separate financial reports. Copies of these separately issued financial reports may be obtained at www.wisconsin.edu or by writing to:

Office of Financial Administration
780 Regent Street, Suite 255
Madison, WI 53715

Deferred Compensation

The State of Wisconsin Public Employees Deferred Compensation Plan and Trust (Deferred Compensation) was established in 1981 pursuant to Wisconsin State Statute Section 40.80. Deferred Compensation is governed by the Wisconsin Deferred Compensation Board and is administered by a third party.

Under Deferred Compensation Plan provisions, employees of the State of Wisconsin and public employers in Wisconsin that elect to participate are eligible to contribute to the Plan through payroll deductions. Employees electing to participate in the plan may contribute to or exchange within several available investment options.

Wisconsin Retirement System (WRS)

All assets of the WRS are invested by the SWIB. The WRS consists of shares in the Core Retirement Investment Trust and the Variable Retirement Investment Trust.

The investments of the Core Retirement Investment Trust consist of a diversified portfolio of securities. Wis. Stat. Sec. 25.182 authorizes the SWIB to manage the Core Retirement Investment Trust in accordance with “prudent investor” standard of responsibility as described in Wis. Stat. Sec. 25.15(2), which requires that the SWIB manage the funds with the diligence, skill, and care that a prudent person acting in a similar capacity and with the same resources would use in managing a large public pension fund.

Investments of the Variable Retirement Investment Trust are authorized under Wis. Stat. Sec. 25.15 and 25.17. Wis. Stat. Sec. 25.17(5) states assets of the Variable Retirement Investment Trust shall be invested primarily in equity securities that shall include common stocks, real estate, or other recognized forms of equities whether or not subject to indebtedness, including securities convertible into common stocks and securities of corporations in the venture capital stage. The Variable Retirement Investment Trust consists primarily of common stock and bonds convertible into common stock, although, because of existing conditions in the securities market, there may temporarily be other types of investments.

Valuation

Investments of the State are reported at Fair Value as defined by GASB Statement Number 72 – Fair Value Measurement and Application and are categorized based on the investment valuation hierarchy established by GASB. The hierarchy is based on the valuation inputs used to measure the fair value of the assets. Level 1 inputs are quoted prices in active markets for identical assets. Level 2 inputs are significant other observable inputs. Level 3 inputs are significant unobservable inputs.

The fair value of investments are obtained or estimated using information provided by custodial banks and brokerages. A variety of independent pricing sources are used to price assets based on type, class, or issue, including published quotations from active markets, pricing models and other methods deemed acceptable by industry standards.

Primary Government (excluding the UWS, WRS, and SIF)

The following tables present fair value measurements as of June 30, 2023, in millions:

	Fair Value	Fair Value Measurement Using		
		Level 1 Inputs	Level 2 Inputs	Level 3 Inputs
Primary Government (excluding the Separately Managed Funds)				
Investments by Fair Value Level:				
U.S. Government & Agency Securities	\$ 233.7	\$ 124.5	\$ 109.2	\$ —
State or Municipal Bonds & Notes	81.4	—	81.4	—
Corporate and Other Bonds and Notes	12.7	—	12.7	—
Closed-End Funds	4.8	4.8	—	—
Exchange Traded Funds	318.0	318.0	—	—
Equity Securities	53.6	53.6	—	—
Limited Partnership	404.0	—	—	404.0
Total By Fair Value Level	\$ 1,108.2	\$ 500.9	\$ 203.2	\$ 404.0
Investments Valued at Net Asset Value (NAV):				
U.S. Government & Agency Securities	\$ 381.7			
Money Market Funds	438.7			
Mutual Funds	104.3			
Investments Valued at Cost:				
Private Placement	6.7			
U.S. Government & Agency Securities	0.2			
Total	\$ 2,039.7			

The following tables present fair value measurements as of June 30, 2023 for the Separately Managed Funds (in millions):

Separately Managed Funds	Fair Value Measurement Using		
	Total	Level 1	Level 2
IPFCF			
Investments by Fair Value Level:			
U.S. Government and Agency Securities	\$ 661.0	\$ 3.8	\$ 657.2
Corporate Bonds	451.7	—	451.7
Municipal Bonds	19.8	—	19.8
Foreign Bonds	35.0	—	35.0
Asset Backed Securities	2.0	—	2.0
Total by Fair Value Level	\$1,169.5	\$ 3.8	\$1,165.7

Investments Valued at Net Asset Value (NAV):

Equity Index Funds	\$ 198.6
Short-Term Investment Fund	7.7

Total IPFCF \$1,375.7

Historical Society

Investments Reported at Net Asset Value (NAV):

Equity Index Fund	\$ 18.6
Fixed Income Fund	5.0
Total Historical Society	\$ 23.6

SLIF

Investments by Fair Value Level:

U.S. Government and Agency Securities	\$ 41.6	\$ —	\$ 41.6
Corporate Bonds	53.0		53.0
Total by Fair Value Level	\$ 94.6	\$ —	\$ 94.6

Investments Reported at Net Asset Value (NAV):

U.S. Fixed Income Fund	\$ 2.0
Total SLIF	\$ 96.6

Securities categorized as Level 1 are valued using prices quoted in active markets for those securities.

Debt securities categorized as Level 2 are valued by third party pricing services using a matrix-pricing technique that values securities based on their relationship to quoted market prices for securities with similar interest rates, maturities and credit ratings.

Securities categorized as Level 3 include certain Limited Partnership interests in the amount of \$404.0 million held by the

Common School and Normal School funds. These limited partnerships invest in small non-public companies. Shares may typically be redeemed through the investment manager, though the ability to redeem shares may be curtailed during an acute financial crisis. The Common School fund has committed to invest up to \$163.1 million in limited partnerships as of June 30, 2023.

The Injured Patients and Families Compensation fund holds Investments in the amount of \$7.7 million in the Short-Term Investment Fund, a short-term investment pool. Investments of the Short-Term Investment Fund are reported at net asset value (NAV).

Fair values of investments in equity and fixed income co-mingled index funds, mutual funds, real estate investment trusts, and money market funds are based on the investments' published NAV per share (or its equivalent) provided by the investee. These investments are considered Level 1 in the GASB fair value hierarchy.

Investments Valued at Cost or Amortized Cost — Certain investments are valued at cost or amortized cost. Investments valued at cost are not included in the GASB fair value hierarchy.

Of the \$0.2 million of U.S. Government and Agency Securities reported at amortized cost, \$0.1 million represents U.S. Government Savings Bonds.

Deferred Compensation

The following schedule presents fair value measurements at June 30, 2023 (in millions):

Deferred Compensation	Fair Value Measurement Using		
	Fair Value	Level 1 Inputs	Level 2 Inputs
Investments by Fair Value Level:			
Mutual Funds	\$ 1,870.2	1,870.2	—
Investments Reported at Net Asset Value (NAV):			
Stable Value Fund	\$ 752.1		
Collective Investment Trust Funds (CIT)	3,264.3		
Total By Net Asset Value	\$ 4,016.4		
Total Investments	\$ 5,886.6		

Mutual Funds are valued at the daily closing price as reported by the fund on an active market, which is based on the underlying net asset value (NAV) of the shares held by the Plan at year-end. Mutual Funds held by the Plan are open-end Mutual Funds that are registered with the Securities and Exchange Commission (SEC). These funds are required to publish daily NAV and to transact at that price. The Mutual Funds held by the Plan are deemed to be actively traded.

CIT Funds are similar in structure to Mutual Funds but are not regulated by the SEC and are not publicly traded. CIT Funds are valued at NAV, which approximates fair value as a practical

expedient. The NAV, as provided by fund administrator, is based on the fair value of the underlying investments held by the fund less liabilities. Participant transactions may occur daily. There are no unfunded commitments and no restrictions on the redemption of these investments.

The Stable Value Fund investments are valued at NAV, which consists of contract value less fees and expenses, and approximates fair value as a practical expedient. Participants can transact daily at the NAV. There are no unfunded commitments and no restrictions on redemptions.

University of Wisconsin System (UWS)

The following schedule presents fair value measurements at June 30, 2023 (in millions):

UWS	Fair Value Measurement Using		
	Fair Value	Level 1 Inputs	Level 2 Inputs
Investments by Fair Value Level:			
Investments Reported as Cash & Cash Equivalents	\$ 0.3	\$ 0.3	\$ —
Fixed Income Securities	6.1	0.7	5.4
Fixed Income Index Funds	\$ 264.5	\$ 264.5	\$ —
Total Investments by Fair Value Level	\$ 271.0	\$ 265.5	\$ 5.4

Investments Valued at Net Asset Value (NAV):

Equity Index Funds	\$ 396.0
Fixed Income Index Funds	442.4
Real Estate Index Fund	12.6
Investments Reported as Cash & Cash Equivalents	6.0
Private Equity Limited Partnerships	72.1
Total Investments	\$ 1,200.1

The UWS measures the fair value of investments in certain entities that do not have a quoted market price at the calculated net asset value (NAV) per share or its equivalent. As these investments are not readily marketable the estimated value is subject to uncertainty, and therefore, may differ from the value that would have been used had a ready market for the investments existed.

The equity index funds include a global equity index fund (89%) with an investment strategy designed to track the return of equity securities traded both inside and outside of the United States. An additional 3% of this category includes an emerging markets index fund with an investment strategy designed to track the return of equity securities in emerging markets. The remaining 8% is included in an international currency hedged equity index fund with an investment strategy designed to track the return of the markets in certain countries for equity securities outside of the United States while mitigating exposure to fluctuations between the value of the currencies in the fund and the U.S. dollar. The international

and emerging markets index funds have daily liquidity with 2 days' notice. The international hedged index fund has monthly liquidity with 2 days' notice.

The fixed income index funds category includes government/credit bond index funds (28%) primarily invested in debt securities to approximate the total rate of return with maturities between one and ten years, a U.S. TIPS index fund (12%) with an investment strategy of closely approximating the return of all outstanding U.S. TIPS with a maturity of one year or greater, a U.S. Debt Index Fund (15%) and U.S. High Yield Bond Index Fund (8%) with the objective of approximating the total return of the market for debt securities and a floating rate income fund (7%) with an investment strategy focused on seeking high-quality loans with attractive risk-adjusted returns. Also included is a 1-5 year USD Bond ETF (30%) that provides exposure to short-term high yield bonds with maturities between one and five years. The index funds have daily liquidity with 2 days' notice. The ETF has a 1-2 day trade settlement.

The real estate index fund includes an investment strategy designed to track the return of publicly traded real estate equity securities. The real estate index fund has daily liquidity with 2 days' notice.

Private Equity Limited Partnership Funds

As part of the investment management transfer to the SWIB, Terrace Investment Holdings SMF, LLC was created to centrally hold and manage the University's investments in private markets Limited Partnership Funds. This investment is illiquid and is generally not resold or redeemed. Distributions from the fund will be received over the life of the investment as the underlying investments are liquidated. The investment strategy of the limited partnership focuses globally on corporate finance, venture capital, and forestry/agricultural investments. The fund-of-funds limited partnership is estimated to have an average remaining life of approximately 3.5 years at June 30, 2023. The estimated remaining life of the underlying investments are between 1-6 years.

The UWS has an unfunded commitment in the amount of \$4.6 million to private markets Limited Partnership Funds. No further new commitments to these or other private markets funds are anticipated. The existing positions in the private markets Limited Partnership Funds will eventually self-liquidate, as underlying private investments are sold off and distributions are made to investors.

Wisconsin Retirement System (WRS)

The following schedules presents fair value measurements at December 31, 2022 (in millions):

WRS	Fair Value	Fair Value Measurement Using		
		Level 1 Inputs	Level 2 Inputs	Level 3 Inputs
Investments by Fair Value Level:				
Cash Equivalents				
Commercial Paper	65.9	—	—	65.9
Money Market Funds	400.0	400.0	—	—
Total Cash Equivalents	465.9	400.0	—	65.9
Equities				
Domestic	29,902.0	29,752.0	—	150.0
International	13,583.6	13,569.4	—	14.2
Total Equities	43,485.6	43,321.4	0.1	164.2
Fixed Income				
Asset Backed Securities	1,349.7	—	1,320.2	29.5
Corporate Bonds & Private Placements	10,128.9	—	9,890.5	238.3
Exchange Traded Funds	653.5	653.5	—	—
Foreign Government / Agency Bonds	1,250.1	—	1,246.8	3.4
Leveraged Loans	1,913.1	—	1,545.4	367.8
Municipal Bonds	138.4	—	138.4	—
U.S. Government Agencies	1,344.0	—	1,344.0	—
U.S. Treasury Inflation Protected Securities	21,649.8	—	21,649.8	—
U.S. Treasury Securities	4,238.6	14.9	4,223.7	—
Total Fixed Income	42,666.2	668.5	41,358.7	639.0
Preferred Securities				
Domestic	412.5	—	164.0	248.5
International	100.4	100.4	—	—
Total Preferred Securities	512.9	100.4	164.0	248.5
Convertibles	12.9	—	—	12.9
Derivatives				
Foreign Exchange Contracts	51.0	—	51.0	—
Futures	(3.1)	(3.1)	—	—
Options	(0.1)	(0.1)	—	—
Swaps	(22.9)	—	(22.9)	—
To Be Announced Securities	1,263.2	—	1,263.2	—
Total Derivatives	1,288.2	(3.2)	1,291.3	—
Short Sales	(3,643.3)	(3,503.1)	(140.2)	—
Total	\$ 84,788.3	\$ 40,984.0	\$ 42,674.0	\$ 1,130.4

WRS	Fair Value	Unfunded Commitments	Redemption Frequency	Redemption Notice Period (8)
Investments Measured at NAV:				
Cash and Cash Equivalents (1)	\$ 3,513.7	\$ —	Daily	Same Day
Fixed Income (2)	1,873.4	—	Daily, Monthly	5-30 days
Fixed Income Limited Partnerships (3)	511.0	—	Monthly	45 days
Private Fund Investments (4)	31,718.7	13,872.9	N/A	N/A
Equities (5)	11,421.2	—	Daily, Monthly, Quarterly	2-50 days
Equity Limited Partnerships (6)	1,733.1	—	Monthly	5-15 days
Hedge Funds (7)	7,682.3	787.2	Various	Various
Total	\$ 58,453.4	\$ 14,660.2		

(1) This category consists of short term cash funds with the investment objective of safety of principal and liquidity while earning a competitive money market rate of return. The short-term cash funds have daily liquidity with same day notice.

(2) This category includes fixed income managers which can invest across the credit quality spectrum, in varying geographies. The external asset managers require a redemption notice period of between 5 and 30 days, and the funds have daily and monthly liquidity.

(3) The Fixed Income Limited Partnership fund invests in Leveraged Loans. The manager requires a redemption notice period of 45 days and assets can be redeemed monthly.

(4) Private Fund Investments include direct, co-investments, LLCs with existing SWIB general partners, direct secondary investments, and fund of funds. These investments are illiquid and are generally not resold or redeemed. Distributions from each fund are received as the underlying investments are liquidated or over the life of the investment. As of December 31, 2022, there are four partial and full redemption sales planned in 2023 on the secondary market. The anticipated sale price of this fund is not expected to be materially different than the NAV as of December 31, 2022.

(5) This category includes long-only equity managers (88%) with various fundamental, quantitative, and other approaches spanning various styles, geographies and market cap weights. These long-only manager investments can be redeemed either daily, monthly, or quarterly with between 2 and 50 business days' notice. The remaining 12% of this category represents emerging markets equity index funds with an investment strategy designed to track the return of the given segment of the emerging equity markets. These investments can be redeemed daily with 2 business days notice.

(6) Equity Limited Partnership funds invests in U.S. and global equity. The external asset managers require a redemption notice period between 5 and 15 days and can be redeemed monthly. These investments represent open-ended funds that are readily redeemable.

(7) Hedge Fund investments are private investment funds that seek to produce absolute returns using a broad range of strategies. In certain instances, Hedge Fund investments are structured as limited partnerships, whereby participants receive

distributions over the life of the fund. The estimated remaining life for some funds structured as limited partnerships are either between 5 and 10 years or greater than 10 years.

(8) Redemption terms described for NAV investments reflect contractual agreements and assume withdrawals are made without adverse market impact and under normal market conditions.

Private Fund Investments

Private Fund Investments include private equity and real estate.

Private Equity Limited Partnerships included the following investment strategies as of December 31, 2022:

Leveraged Buyout – This strategy acquires the controlling interest of a private company using a significant amount of borrowed capital (leverage).

Distressed Debt – This strategy can invest in public and private companies undergoing financial distress, a turnaround in business operations, or which are believed to be undervalued because of a discrete extraordinary event.

Growth Equity – This strategy is an investment opportunity in relatively mature companies that are going through a transformational event in their lifecycle with potential for significant growth.

Venture Capital – This strategy invests in companies with potential for significant growth (generally small to early stage emerging firms).

Private Debt – This strategy includes any debt held by or extended to privately-held companies. The debt securities can be senior debt, mezzanine debt, and structured capital but commonly involve non-bank institutions making loans to private companies or buying those loans on the secondary market.

Secondaries – This strategy provides a market for investors to sell or purchase positions in private market funds.

Real Estate Limited Partnerships generally consisted of the following investment strategies as of December 31, 2022:

Core – Core investments are expected to deliver a significant percentage of their return from income and should experience lower volatility than Opportunistic and Value investments due to lower leverage, higher occupancy, and asset location.

Value – Value investments typically have significant near-term leasing, repositioning, and/or renovation risk. This strategy is expected to have modest initial operating revenues with potential for substantial income growth and will likely encounter greater volatility than Core strategies, but lower volatility than Opportunistic strategies.

Opportunistic – Opportunistic investments usually have significant development, lease-up, financial restructuring, and/or liquidity risk with little or no initial operating income. This strategy typically uses the highest leverage, is expected to achieve most of its return from future capital gains, and is likely to encounter greater volatility than Core and Value strategies.

Hedge Funds

Hedge Fund investments are private investment funds that seek to produce absolute returns using a broad range of strategies. When redeeming Hedge Fund investments, the agreements governing the investment often require advanced notice and may restrict the timing of withdrawals. Hedge Fund agreements can also include lock-up periods, which restrict investors from redeeming their investment during a specified time frame. Lock-up periods help portfolio managers mitigate liquidity risks. Lock-ups can be hard, where redemptions are not permitted for a specified time period, or soft, where redemptions are permitted provided the investor pays a penalty. In certain instances, a fund may have both hard and soft lock-up restrictions. In addition, in certain investments, Hedge Fund managers may be allowed to institute a rolling lock-up. A fund with a rolling lock-up period requires investors to commit to an initial lock-up period, and, if the investor does not submit a redemption notice within a set time prior to expiration of the lock-up, the lock-up is reset.

Similar to lock-ups, Hedge Fund agreements also commonly incorporate gating restrictions. An investor level gate limits redemption on a particular redemption date to a specified percentage of the investor’s account value, while a fund-level gate may limit total investor withdrawals on a particular redemption date to a percentage of aggregated fund level (or master fund level) net asset value. In certain instances, funds can have both investor and fund level gates in place. Such funds are reflected in the investor level category.

The WRS participated in the following Hedge Fund strategies as of December 31, 2022:

Long-Short Equity – This strategy invests both long and short in publicly-traded stocks. These managers vary in their use of short selling and leverage.

Event-Driven – This strategy seeks to gain an advantage from pricing inefficiencies that may occur before or after a corporate action or related event, such as a merger, spinoff, earnings call, bankruptcy, or restructuring.

Tactical Trading – This strategy invests in indices, commodities, interest rate instruments, and currencies as a result of relative

value or directional forecasts from a systematic or discretionary approach.

Relative Value – This strategy uses a range of fixed income arbitrage, insurance linked, long-short credit, and/or quantitative strategies that seek to take advantage of price differentials.

Multistrategy – This strategy employs a wide range of strategies and instruments in managing assets.

Special Opportunities - This strategy seeks to invest in special situations, which may include co-investments or interests in the equity or revenues of external investment managers.

Credit Risk

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations.

Primary Government (excluding the UWS, WRS and SIF)

The primary government, except for the Separately Managed Funds discussed later, follows Wisconsin Statutes, program policy provisions, appropriate governing boards, and general resolutions contained in revenue bond indenture documents limits investments in public housing bonds issued by public agencies or municipalities, the State of Wisconsin, interest-bearing time deposits, certificates of deposit or other similar banking arrangement, shares of a diversified open-end management investment company repurchase agreements and investment agreements to a rating no lower than the rating assigned to the bonds. Investments in all other permitted debt securities are required to bear the highest rating available from each nationally recognized rating agency. In addition, credit risk of certain funds such as the Retiree Life Insurance Fund is minimized by monitoring portfolio diversification by asset class, creditor and industry and by complying with investment limitations governed by insurance laws and regulations.

Regarding the Separately Managed Funds, investment guidelines require that the bond portfolios shall maintain an average quality rating of A- or better at time of purchase, using the lower of split ratings at the time of purchase.

Investment credit quality ratings as of June 30, 2023, from Standard and Poor’s, Moody’s Investors Service, and Fitch Ratings are presented below using the Standard and Poor’s rating scale (in millions):

Primary Government (excluding the UWS, WRS, SIF and Separately Managed Funds)	
Credit Quality Ratings	Fair Value
AAA	\$ 450.7
AA	152.1
A	15.3
Not Rated	2.8
Total	\$ 620.9

The following schedule displays the credit ratings at June 30, 2023, for the Separately Managed Funds (fair values in millions):

	Separately Managed Funds		
	IPFCF	Historical Society	SLIF
AAA	\$ 23.2	\$ —	\$ 1.1
AA	680.5	—	45.1
A	134.6	—	27.8
BBB	285.9	—	19.8
BB	30.7	—	0.9
B	14.6	—	—
Short-term Investment Fund (Not Rated)	7.7	—	—
Bond Fund (Not Rated)	—	5.0	2.0
Totals	\$ 1,177.2	\$ 5.0	\$ 96.6

Deferred Compensation

The Stable Value Fund, Mutual Funds, and CIT Funds are unrated.

University of Wisconsin System (UWS)

As of June 30, 2023, the University was exposed to credit risk directly through its singular separately-managed fixed income portfolio, the RegentFund, and indirectly through the ownership of shares of commingled or mutual funds.

The following schedule displays the credit ratings for debt securities held as of June 30, 2023 (in millions). Obligations of the United States and obligations explicitly guaranteed by the U.S. government have been included in the Aaa rating.

Ratings	UWS	
	Fair Value	
AAA/Aaa	\$	—
AA/Aa		0.7
A		1.7
BBB/Baa		2.8
BB/Ba		0.8
B		—
Commingled Fixed Income Funds		706.9
Not Rated		6.5
Total	\$	719.4

Wisconsin Retirement System (WRS)

With the exception of derivative instrument credit risk, there are no fund-wide or system-wide investment guidelines related to credit risk exposures for investments of the WRS. Fixed income credit

risk investment guidelines outline the minimum ratings required at the time of purchase by individual portfolios, or groups of portfolios, based on the portfolios' investment objectives. In addition, some fixed income portfolios are required to always carry a minimum weighted average rating.

The following schedule displays the lowest credit rating assigned by nationally recognized statistical rating organizations on debt securities held as of December 31, 2022 (in millions).

WRS	
Rating	Fair Value
AAA/Aaa	\$ 413.5
AA/Aa	27,766.6
A	1,590.0
A-1/P-1	20.0
A-2/P-2	358.4
BBB/Baa	4,217.6
BB/Ba	2,996.7
B	4,172.1
CCC/Caa or below	475.8
Not Rated	1,751.7
Commingled Fixed Income Funds	4,784.4
Total	\$ 48,546.8

Reverse Repurchase Agreements

Wisconsin Retirement System (WRS)

The WRS held \$17.7 billion in reverse repurchase agreements at December 31, 2022. Investment guidelines permit certain portfolios to enter into reverse repurchase agreements, which are a sale of securities with a simultaneous agreement to repurchase the securities in the future at the same price plus a stated rate of interest. The market value of the securities underlying reverse repurchase agreements exceeds the cash received, providing the counterparty a margin against a decline in market value of the securities. If the counterparty defaults on their obligations to sell these securities back to the WRS or provide cash of equal value, the WRS could suffer an economic loss equal to the difference between the market value of the underlying securities plus accrued interest and the agreement obligation, including accrued interest. This credit exposure at December 31, 2022 was \$356.4 million.

The WRS enters into reverse repurchase agreements with various counterparties and such transactions are governed by Master Repurchase Agreements (MRA). MRAs are negotiated contracts and contain terms in which the WRS seeks to minimize counterparty credit risk. The WRS also controls credit exposures by limiting trades with any one counterparty to stipulated amounts. The counterparty credit exposure is managed through the transfer of margin, in the form of cash or securities, between the WRS and the counterparty.

The cash proceeds from reverse repurchase agreements are reinvested by the Retirement Funds. The maturities of the purchases made with the proceeds of reverse repurchase agreements are not necessarily matched to the maturities of the

agreements. The agreed-upon yields earned by the counterparty for the reverse repurchase agreements held were between 4.1% and 4.5% as of December 31, 2022. Portfolio guidelines require agreements to mature between 1 and 90 days.

Custodial Credit Risk

Custodial credit risk is the risk that, in the event of a failure of the counterparty, the State will not be able to recover the value of the investment or collateral securities that are in the possession of an outside party.

Primary Government (excluding the UWS, WRS, and SIF)

The primary government, including the Separately Managed Funds, does not have an investment policy specifically for custodial credit risk. As of June 30, 2023, the primary government did not have any direct investment securities exposed to custodial credit risk.

Deferred Compensation

The Stable Value fund, CIT Funds, and Mutual Funds do not have securities that are used as evidence of the investments and therefore are not exposed to custodial credit risk. Deferred Compensation does not have a formal policy for custodial credit risk.

Wisconsin Retirement System (WRS)

The WRS held repurchase agreements totaling \$1.6 billion as of December 31, 2022. These repurchase agreements were tri-party agreements held in a short-term cash management portfolio managed by the WRS's custodian. The underlying securities for these agreements were held by the tri-party agent, not in the WRS's name.

The WRS's custodial credit risk policy addresses the primary risks associated with safekeeping and custody. It requires that the WRS's custodial institution be selected through a competitive bid process and that the institution be designated a Systemically Important Financial Institution by the U.S. Federal Reserve. The policy also requires that the WRS be reflected as beneficial owner on all securities entrusted to the custodian and that the WRS have access to safekeeping and custody accounts. The custodian is also required to carry insurance covering errors and omissions and they must provide the WRS with an annual report on internal controls, prepared in accordance with the Statement on Standards for Attestation Engagements. In addition, the WRS management has established a system of controls for the oversight of services and related processes performed by the custodian. The WRS's current custodial bank was selected in accordance with these guidelines and meets all requirements stipulated in the custodial credit risk policy.

Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer.

Primary Government (excluding the UWS, WRS, and SIF)

Although the primary government, except for the Separately Managed Funds discussed later, does not have a formal policy on limiting the exposure to concentrations of credit risk, it is the

primary government's policy to comply with the provisions contained within the general resolutions of revenue bond indentures and other program policy investment criteria.

Debt securities issued by the State of Wisconsin represent the largest concentration of investments in a single issuer. In total, approximately \$29.1 million of the reported investments of the permanent funds (a category within non-major governmental funds) were issued by the State of Wisconsin, which represents approximately 2.7 percent of their total investments.

The Separately Managed Funds' investment guidelines limit concentrations of credit risk by establishing maximum issuer and/or sector exposure limits. Generally, the guidelines require that no single issuer may exceed 5.0 percent of the fund investments, with the exception of U.S. Government and its Agencies, whose exposure is unlimited.

Excluding investments issued or explicitly guaranteed by the U.S. government and pooled investments, as of June 30, 2023, none of the Separately Managed Funds had more than 5.0 percent of their total investments in a single issuer.

University of Wisconsin System (UWS)

UWS separately managed, debt/fixed income accounts are limited to holding no more than 5.0 percent in any one issuer (U.S. Government/Agencies were exempted).

Wisconsin Retirement System (WRS)

The WRS limits concentration of credit risk by establishing investment guidelines for individual portfolios or groups of portfolios that generally restrict issuer concentrations in any one company or Rule 144A securities to less than 5 percent of the portfolio's market value.

The WRS did not hold any investments with a single issuer, exclusive of investments issued or explicitly guaranteed by the U.S. government, representing 5.0 percent or more of the value of the total WRS investments' value at December 31, 2022.

Interest Rate Risk

Interest rate risk is the risk that changes in interest rates of debt investments will adversely affect the fair value of an investment.

Primary Government (excluding the UWS, WRS, and SIF)

Although the primary government, except for the Separately Managed Funds discussed later, does not have a formal policy on limiting the exposure to changes in interest rates, it is the primary government's policy to comply with the provisions contained within the general resolutions of revenue bond indentures and other program policy investment criteria. For example, the Lottery Fund acquires investments with maturity dates that significantly coincide with scheduled payment dates of prize annuities. Investments are held to maturity unless an annuitant requests premature termination of an annuity, then any loss or gain due to market fluctuations are passed through to the redeeming annuitant. Therefore, the Lottery Fund has minimal interest rate risk exposure. Further, as a means of limiting its exposure to interest rate risks, certain funds are required to limit at least half of the fund's investment portfolio to maturities of less than one year. In addition, interest rate risk of certain other funds such as the Retiree Life Insurance Fund is minimized by maintaining a

diversified portfolio of investments and monitoring cash flow patterns in order to approximately match the expected maturity of liabilities.

The following table provides information about the interest rate risks associated with the primary government's investments, except those of the Separately Managed Funds. The investments include certain short-term cash equivalents, and various long-term items. At June 30, 2023, the primary government's investments were (in millions):

Primary Government (excluding the Separately Managed Funds, UWS, WRS, SIF, and investments in an external investment pool)

Investment Type	Investment Maturities				
	Fair Value	Less Than 1 Year	1 to 5 Years	6 to 10 years	More Than 10 Years
U.S. Government and U.S. Agency holdings	\$ 233.8	\$ 142.2	\$ 1.2	\$ 0.5	\$ 90.0
State and municipal bonds and notes	81.4	0.5	5.2	19.4	56.3
Other Bonds and Notes	12.7	—	—	—	12.7
Money market funds	437.1	437.1	—	—	—
Mutual funds – open ended	13.9	0.4	7.9	5.6	—
Private Placement	6.7	0.2	0.8	1.4	4.3
Total	\$ 785.7	\$ 580.4	\$ 15.2	\$ 26.9	\$ 163.2

As of June 30, 2023, the Separately Managed Funds had interest rate risk statistics as detailed below (in millions):

Separately Managed Funds						
Duration or WAM (in years) for Fixed Income Securities						
Investment Type	IPFCF		Historical Society		SLIF	
	Fair Value	Duration	Fair Value	Duration	Fair Value	WAM
Govt/Agency	\$ 663.0	5.8	\$ —		\$ 41.6	19.35
Corporate Bonds	454.5	6.83	—		53.0	13.31
Municipal Bonds	20.0	9.33	—		—	
Foreign Bonds (Govt/Agency)	31.9	5.61	—		—	
Bond Fund	—		5.0	6.51	2.0	12.90
Short-Term Investment Fund	7.7	0.06	—		—	
Total	\$ 1,177.2		\$ 5.0		\$ 96.6	

The Separately Managed Funds, which are managed by the SWIB, use the duration method to identify and manage interest rate risk. Two of the Separately Managed Funds have investment guidelines relating to interest rate risk. The SLIF guidelines require the Weighted Average Maturity (WAM) of the portfolio, including cash, to be a minimum of ten years. The IPFCF guidelines require that effective duration of the bond portfolio shall remain within 15% of the assigned benchmark's duration and that the average duration should be less than ten years.

External Investment Pools

The Injured Patients and Families Compensation Fund has investments totaling \$7.7 million at June 30, 2023 in the Short-Term Investment Fund, a pooled short-term investment fund. This balance is reported as "Cash and Cash Equivalents" on the Statement of Net Position.

Investments for the Retiree Life Insurance Funds are held with the insurance carrier, Securian. In accordance with the administrative agreement between the GIB and Securian, interest is calculated and credited to the Retiree Life Insurance plans based on the rate of return for a segment of the insurance carrier's general fund, specifically, 10 Year A- Bonds (as a proxy and not tied to any specific investments). The funds invested during the year earn interest based on that year's rate of return for 10 Year A- Bonds. The overall aggregate interest rate is calculated using a tiered approach based on the year the funds were invested and the rate of return for that year. Investment interest is credited based on the aggregate rate of return and assets are not adjusted to fair market value. Furthermore, the insurance carrier guarantees the principal amounts of the reserves, including all interest previously credited thereto. No significant contract changes occurred during the year.

Deferred Compensation

Deferred Compensation uses weighted average effective duration to analyze interest rate risk. As of December 31, 2022, Deferred Compensation had interest rate risk statistics as detailed below (in millions):

Deferred Compensation		
	Fair Value	Effective Duration (years)
Stable Value Investments:		
Stable Value Fund	\$ 752.1	3.03
Mutual and Collective Investment Funds:		
Vanguard Target Retirement:		
2025	312.7	6.39
2035	258.8	6.75
2045	172.4	6.75
2055	70.6	6.74
Income Trust	161.6	5.74
Vanguard Wellington Admiral	582.1	6.56
BlackRock U.S. Debt Index M	227.2	6.42
Dodge and Cox Income Fund	65.3	5.50
Vanguard Long-Term Investment Grade Fund	132.6	13.25
Vanguard Treasury Money Market Fund	44.1	46 days
Total	\$ 2,779.4	

University of Wisconsin System (UWS)

The UWS uses the option adjusted modified duration method to analyze interest rate risk. As of June 30, 2023, the UWS had interest rate risk statistics as detailed below (in millions):

UWS		
	Fair Value	Effective Duration
Fixed Income Sector:		
Government Debt	\$ 7.0	4.61
Corporate Debt	5.4	4.74
Total	\$ 12.4	
Fixed Income Commingled Funds:		
BlackRock U.S. TIPS Fund B	\$ 86.6	6.7
BlackRock Government/Credit Bond Index Fund B	108.0	6.5
iShares Core 1-5 Year USD Bond Fund	211.9	2.7
Intermediate Government/Credit Bond Index Fund B	87.7	3.9
U.S. Debt Index Fund B	106.4	6.3
U.S. High Yield Bond Index Non-Lendable Fund B	53.8	3.6
BlackRock Floating Rate Income Portfolio	52.6	0.3
Total	\$ 706.9	

Wisconsin Retirement System (WRS)

The analysis of long and intermediate term portfolios' interest rate risk is performed using various duration calculations. Modified duration, which is stated in years, is the measure of price sensitivity of a fixed income security to an interest rate change of 100 basis points. The calculation is based on the weighted average of the present values for all cash flows. Some investments are analyzed using an option-adjusted duration calculation, which is similar to the modified duration method. Option-adjusted duration incorporates the duration shortening effect of any embedded call provisions in the securities. Duration statistics are weighted by the dollar value of the position to compute an average duration for each investment type.

Short-term portfolios' interest rate risk is analyzed using the weighted average maturity to next reset. Weighted average maturity is the maturity of each position in a portfolio weighted by the dollar value of the position to compute an average maturity for the portfolio as a whole. This measure indicates a portfolio's sensitivity to interest rate changes: a longer weighted average maturity implies greater volatility in response to interest rate changes.

The WRS's investment guidelines related to interest rate risk vary by portfolio. Some fixed income portfolios require management within a range of a targeted duration, while others require a

weighted average maturity at or below a specified number of days or years.

Aggregated interest rate risk exposure as of December 31, 2022, stated in terms of modified duration (for long term instruments) and weighted average maturity (for repurchase agreements and short-term pooled investments), is presented below (in millions):

WRS		
Investment Type*	Fair Value	Modified Duration (Years)
Asset Backed Securities	\$ 1,349.7	2.3
Corporate Bonds & Private Placements	10,313.3	5.4
Foreign Government / Agency Bonds	1,250.1	6.9
Municipal Bonds	138.4	8
Leveraged Loans	1,913.1	0.7
U.S. Government Agencies	1,344.0	5.7
U.S. Treasury Inflation Protected Securities	21,649.8	6.6
U.S. Treasury Securities	4,238.6	8.6
Commingled Funds:		
Exchange Traded	653.5	4.4
Emerging Market Fixed Income	973.9	4.8
Subtotal	43,824.5	
		Weighted Average Maturity (days)
Commercial Paper	379.7	20
Repurchase Agreements	809.0	13
Time Deposits	20.0	61
Commingled Funds:		
Short Term Cash Management	3,513.7	20
Subtotal	4,722.3	
Total	\$ 48,546.8	

*Excludes derivatives which are separately disclosed

Foreign Currency Risk

Foreign currency risk is the risk that changes in exchange rates will adversely impact the fair value of an investment.

Primary Government (excluding the UWS, WRS, and SIF)

The primary government, except for the Separately Managed Funds discussed later, does not have a formal policy to limit foreign currency risk, however, certain funds such as the Environmental Improvement Fund are not permitted to invest in foreign currency based on provisions contained in its bond indenture general resolution. However, foreign currency risk of the Retiree Life Insurance Fund is minimized by utilizing short-duration spot forward contracts to minimize the adverse impact of foreign currency exchange rate risks inherent in the elapsed time between trade processing and trade settlement. At June 30, 2023, the primary government, excluding the Separately Managed Funds, did not own any issues denominated in a foreign currency.

The Separately Managed Funds' investment guidelines do not specifically address foreign currency risk with the exception that the SLIF only allows investments in U.S. dollar denominated instruments. As of June 30, 2023, the Separately Managed Funds did not directly own any issues denominated in a foreign currency.

Deferred Compensation

Deferred Compensation allows the option of investments in Mutual Funds and CIT Funds that make investments in foreign securities. The fair value of these investments was \$446.6 million as of December 31, 2022.

University of Wisconsin System (UWS)

The UWS held positions only in passively-managed, indexed commingled funds which may invest in securities denominated in foreign currencies. However, the fund used for exposure to developed market equities generally seeks to hedge against the variations in returns deriving solely from the value of the foreign currencies in the fund relative to the U.S. dollar. The fund used for exposure to emerging market equities generally does not engage in similar foreign currency hedging efforts, due largely to the high cost and more limited efficacy of such hedging. Deposits in foreign currency for the RegentFund at June 30, 2023 are immaterial.

Wisconsin Retirement System (WRS)

The WRS held foreign currency denominated cash and securities directly in designated actively managed portfolios and indirectly through its investment in certain commingled invest funds. As of December 31, 2022, the WRS had the following currency exposure (all assets stated in millions of United States Dollars):

Currency Exposures by Investment Type									
Currency	Cash & Cash Equivalents	Equities	Fixed Income	Private Fund Investments	Preferred Securities	Equity Short Sales	Futures Contracts & Swaps	Total	
Australia Dollar	\$ 5.7	\$ 723.2	\$ —	\$ —	\$ —	\$ (42.8)	\$ (0.2)	\$	686.0
Brazil Real	1.1	64.2	—	—	3.3	—	(0.2)		68.5
Canada Dollar	20.4	1,225.9	—	—	—	(106.1)	(2.9)		1,137.3
Chile Peso	—	—	—	—	—	—	(0.2)		(0.2)
China Yuan Renminbi	—	—	—	—	—	—	—		(0.1)
Czech Republic Koruna	0.2	—	—	—	—	—	(0.3)		(0.1)
Denmark Krone	0.3	242.0	—	—	—	(14.3)	—		228.0
Euro Currency Unit	23.2	4,019.0	87.2	2,014.4	97.1	(497.6)	3.4		5,746.7
Hong Kong Dollar	4.3	379.2	—	—	—	(26.9)	—		356.6
India Rupee	0.1	96.6	—	—	—	—	—		96.7
Indonesia Rupiah	—	16.0	—	—	—	—	—		16.0
Israel Shekel	0.4	32.8	—	—	—	(3.6)	—		29.6
Japan Yen	(10.5)	2,702.3	—	—	—	(200.0)	2.1		2,493.9
Korea (South) Won	(0.1)	57.0	—	—	—	—	—		56.9
Malaysia Ringgit	—	—	—	—	—	—	0.3		0.3
Mexico Peso	(1.5)	39.8	—	—	—	—	—		38.3
New Zealand Dollar	0.8	35.4	—	—	—	(1.0)	—		35.2
Norway Krone	0.5	103.2	—	—	—	(13.6)	—		90.1
Philippines Peso	0.1	23.2	—	—	—	—	—		23.3
Poland Zloty	0.5	—	—	—	—	—	—		0.5
Singapore Dollar	1.2	142.4	—	—	—	(16.4)	—		127.2
South African Rand	(0.5)	29.2	—	—	—	—	—		28.7
Sweden Krona	3.8	481.0	—	1.6	—	(77.3)	—		409.1
Switzerland Franc	0.3	1,015.9	—	—	—	(232.7)	—		783.5
Taiwan New Dollar	0.3	128.0	—	—	—	—	—		128.3
Thailand Baht	—	24.4	—	—	—	—	—		24.4
United Kingdom Pound	18.5	2,003.1	—	372.8	—	(131.5)	1.8		2,264.8
Total	\$ 69.1	\$ 13,583.6	\$ 87.2	\$ 2,388.9	\$ 100.4	\$ (1,363.7)	\$ 3.8	\$	\$ 14,869.4

Securities Lending Transactions

University of Wisconsin System (UWS)

The UWS has an agreement with BlackRock Institutional Trust Company, N.A., which acts as custodian for the University's Long Term Fund and Intermediate Term Fund investments and authorizes the bank to lend securities held in the UWS accounts to third parties. The bank must obtain collateral from the borrower, or acceptable securities. When the UWS securities are delivered to a borrower as part of a securities lending arrangement, the borrower is required to place collateral with the lending agent equal to at least 102% of the loaned securities' fair value, including interest accrued, as of the delivery date. Both the collateral and the securities loaned are marked to market on a daily basis, with additional collateral obtained or refunded as necessary. In the event that the loaned securities are not returned by the borrower, the bank will, at its own expense, either replace the loaned securities or, if unable to purchase those securities on the open market, credit UWS accounts with cash equal to the fair value of the loaned securities.

The UWS receives 75 percent of the net revenue derived from all securities lending activities and the bank receives the remainder of the net revenue. Interest and dividend income earned in conjunction with the securities lending program is reported as part of non-operating investment income in the Statement of Revenues, Expenses, and Changes in Fund Net Position.

Although the UWS securities lending activities are collateralized as described above, the securities lending program involves both market and credit risk. In this context, market risk refers to the possibility that the borrower of securities will be unable to collateralize the loan upon a sudden material change in the fair value of the loaned securities or the collateral, or that the bank's investment of collateral received from the borrowers of the UWS securities may be subject to unfavorable market fluctuations. Credit risk refers to the possibility that counterparties involved in the securities lending program may fail to perform in accordance with the terms of their contracts.

At June 30, 2023, the fair value of securities loaned, was \$245.0 million. Collateral received consisted of \$244.1 million in cash and \$0.3 million in non-cash collateral. In accordance with accounting standards the value of the collateral held and a corresponding liability to return the collateral have been reported on the accompanying Statement of Net Position.

Wisconsin Retirement System (WRS)

State statutes and Board policies permit the use of investments of the WRS to enter into securities lending transactions. These transactions involve the lending of securities to broker-dealers and other entities in exchange for collateral, in the form of cash or securities, with the simultaneous agreement to return the collateral for identical securities in the future. The securities custodian acts as an agent in lending the directly held domestic and international securities. When securities are delivered to a borrower as part of a securities lending agreement, the borrower is required to place collateral with the lending agent equal to at least 102 percent of the loaned securities' fair value, including interest accrued, as of the delivery date, if the securities and the collateral are denominated in the same currency. If securities are loaned against collateral denominated in a different currency, the borrower is required to place collateral with the lending agent totaling 105 percent of the loaned securities' fair value, including interest accrued, as of the delivery date. Collateral is marked to market

daily and adjusted as needed to maintain the required minimum level. Pledging or selling non-cash collateral securities cannot be done without a borrower default. On December 31, 2022, the fair value of the securities on loan to counterparties was approximately \$13.6 billion.

Cash collateral is reinvested by the lending agents in either a U.S. dollar cash collateral pool or a pool denominated in Euros. These pools are administered in accordance with contractual investment guidelines which are designed to minimize the risk of principal loss and provide a modest rate of return. Investment guidelines limit credit and liquidity risk by restricting new investments to repurchase agreements collateralized with high quality U.S. government, U.S. government agencies, and sovereign debt securities. To further reduce credit risk, in addition to maintaining collateral greater than 100 percent of the loaned securities, the WRS's agents provide indemnification to the WRS against counterparty default. The earnings generated from the collateral investments or fees, plus or minus the rebates received from or paid to the dealers and less fees paid to agents, results in the net earnings from lending activities, which are then split on a percentage basis with the lending agent. Cash from the U.S. dollar pool may be posted as collateral relating to short sale transactions and it earns the Overnight Bank Funding rate plus 10 basis points.

As of December 31, 2022, one of the WRS's securities lending agents released \$3.7 billion in cash from the Invested Securities Lending Collateral pool to the WRS. The cash released is used to provide liquidity for other WRS investment strategies. The Securities Lending Collateral Liability is fully collateralized when the cash released is combined with the Invested Securities Lending Collateral.

At December 31, 2022, the WRS had minimal credit risk exposure to borrowers as loans are collateralized in excess of 100 percent. In addition to the cash collateral reinvestment indemnification, the contracts with the lending agents require indemnification for the WRS if the borrowers fail to return the loaned securities and the collateral is inadequate to replace the securities lent. The WRS is also indemnified against losses resulting from violations of investment guidelines.

The majority of security loans are open-ended and can be terminated on demand by the WRS or the borrower. Maturities of investments made with cash collateral are not necessarily matched to the maturities of the securities loaned because most loans do not have a fixed maturity date. The risk that the WRS would be unable to return collateral to securities borrowers upon termination of the loan is mitigated by the highly liquid nature of investments held in the collateral reinvestment pools and investments held by the WRS. The average maturities of the loans and the average maturities of the assets held in the collateral reinvestment pools were similar at December 31, 2022.

Securities lending is allowed in certain commingled fund investments. As an investor in such funds, the WRS does not own the underlying securities. External asset managers of commingled funds manage securities lending activity for all investors within the fund and do not separately report on securities lending activity. All earnings of these commingled funds are reported in the Statement of Changes in Fiduciary Net Position.

Derivative Instruments**Wisconsin Retirement System (WRS)**

Derivative instruments may be used to implement investment strategies for the WRS. All derivative instruments are subjected to risk analysis and monitoring processes at the portfolio, asset class, and fund levels. Investment guidelines define allowable derivative activity for each portfolio and are based on the investment objectives which have been approved by the SWIB. Where derivative instruments are permitted, guidelines stipulate allowable instruments and the manner and degree to which they are to be used.

Gains and losses for all derivative instruments are reported in the Statement of Changes in Fiduciary Net Position.

The WRS seeks to mitigate counterparty credit risk through counterparty credit evaluations and approvals, counterparty credit limits, and exposure monitoring procedures. Additionally, policies have been established which seek to implement master netting arrangements with counterparties that permit the closeout and netting of transactions with the same counterparty. Agreements may also require daily collateral postings to further mitigate credit risk.

As of December 31, 2022, there were 27 counterparties making up the WRS's exposure to counterparty credit risk for uncleared OTC derivative contracts. The exposure of the WRS to counterparty credit risk relating to these was as follows (in millions of US Dollars):

OTC Derivative Instruments Subject to Counterparty Credit Risk		
	Counterparty Credit Rating	
FX Receivables:	AA	\$ 171.6
	A	3,433.9
To Be Announced Securities	A	1.6
Swap Receivables	A	6,356.5
Warrants	Not Rated	0.1
Total		9,963.7
Less Collateral and MNA Offsets		9,503.0
Total OTC Counterparty Credit Risk		\$ 460.7

During the year, currency exposure management involved the use of foreign currency spot and forward contracts. The following table presents the fair value of foreign currency spot and forward contract assets and liabilities held as of December 31, 2022 (in millions):

Foreign Currency Spot and Forward Contracts

Currency	Foreign Currency Contract Receivables			Foreign Currency Contract Payables		
	Notional (local currency)	Fair Value US Dollars	Unrealized Gain/(Loss) US Dollars	Notional (local currency)	Fair Value US Dollars	Unrealized Gain/(Loss) US Dollars
Australia Dollar	53.7	\$ 36.5	\$ 1.4	(100.2)	\$ (68.0)	\$ (0.1)
Brazil Real	109.4	20.6	0.4	(93.0)	(17.5)	(0.3)
Canada Dollar	189.1	139.5	(0.1)	(172.8)	(127.5)	0.5
Chile Peso	7,986.8	9.3	0.9	(15,494.2)	(18.1)	(0.5)
China Yuan Renminbi	139.5	20.3	0.5	(407.7)	(59.2)	(1.3)
Colombia Peso	178,022.8	36.3	0.3	(82,693.3)	(16.9)	(0.5)
Czech Republic Koruna	1,266.2	55.9	3.8	(1,498.6)	(66.2)	(7.1)
Denmark Krone	69.1	9.9	0.3	(67.9)	(9.7)	—
Euro Currency Unit	242.8	259.4	7.4	(906.6)	(969.7)	(31.4)
Hong Kong Dollar	66.3	8.5	—	(65.3)	(8.4)	—
Hungary Forint	32,923.5	87.3	12.3	(22,072.2)	(58.5)	(4.5)
India Rupee	789.6	9.5	0.1	(1,471.1)	(17.7)	0.1
Indonesia Rupiah	300,828.9	19.4	0.3	(81,797.4)	(5.3)	(0.1)
Israel Shekel	26.7	7.6	(0.2)	(6.1)	(1.7)	0.1
Japan Yen	95,083.5	722.8	66.5	(31,867.8)	(242.0)	(5.8)
Korea (South) Won	15,243.7	12.1	0.6	(9,658.9)	(7.7)	(0.2)
Mexico Peso	103.4	5.2	0.1	(292.4)	(14.8)	0.2
New Zealand Dollar	2.8	1.7	—	(3.9)	(2.5)	—
Norwegian Krone	1,337.4	136.0	3.2	(536.3)	(54.5)	(0.7)
Philippines Peso	905.0	16.2	—	(2,292.3)	(41.1)	(0.1)
Poland Zloty	207.1	47.1	5.2	(244.3)	(55.6)	(1.7)
Singapore Dollar	15.8	11.8	0.2	(12.6)	(9.4)	(0.1)
South Africa Rand	644.1	37.6	0.7	(1.0)	(0.1)	—
Sweden Krona	3,766.2	362.6	0.6	(578.2)	(55.5)	(0.4)
Switzerland Franc	58.8	63.6	1.4	(30.6)	(33.0)	(0.1)
Taiwan New Dollar	166.3	5.5	(0.1)	(1,222.8)	(40.1)	0.3
Thailand Baht	979.9	28.5	0.1	(1,451.5)	(42.2)	(0.9)
United Kingdom Pound	46.5	56.0	0.1	(60.0)	(72.2)	—
United States Dollar	1,378.5	1,378.5	—	(1,439.4)	(1,439.4)	—
Totals		\$ 3,605.5	\$ 105.7		\$ (3,554.5)	\$ (54.6)
Net Foreign Currency Contract Receivable / (Payable)					\$ 51.0	\$ 51.0

Futures Contracts – A futures contract is an exchange-traded agreement to buy or sell a financial instrument, index, or commodity at an agreed upon price and specified date in the future.

The fair value of futures contracts represents the unrealized gain/(loss) on the contracts, since trade inception, and is reflected as a portion of “Financial Futures Contracts and Swaps” on the Statement of Fiduciary Net Position. Futures contracts are marked to market daily, based upon the closing market price of the contract at the board of trade or exchange on which they are traded. Gains and losses resulting from investments in futures contracts are included in the “Net Appreciation (Depreciation) in the Fair Value of Investments” on the Statement of Changes in Fiduciary Net Position.

The following table presents the investments in futures contracts as of December 31, 2022 (in millions).

Futures Contracts			
Futures Contract Description	Expiration	Notional Amount	Fair Value*
Long Positions:			
Commodity	Jan 23 - Mar 24	\$ 386.6	\$ 4.6
Currency	Jan - Mar 23	58.4	0.3
Equity Index	Mar 23	2,169.1	(47.3)
Fixed Income	Mar 23	4,607.0	(11.6)
Short Positions:			
Commodity	Jan - Dec 23	(232.9)	(3.8)
Currency	Jan - Mar 23	(52.4)	(0.4)
Equity Index	Jan - May 23	(1,492.2)	38.4
Fixed Income	Mar 23	(1,061.1)	16.1
Interest Rate	Dec 23	(297.7)	0.6
Total		\$ 4,084.9	\$ (3.1)

* Fair Value includes foreign currency gains/(losses).

Futures contracts involve, to varying degrees, risk of loss in excess of margin deposited with the clearinghouse. Losses may arise from future changes in the value of the underlying instrument.

Futures contracts may be entered into for purposes such as 1) to efficiently gain or adjust market exposures for rebalancing, 2) to adjust sector, interest rate, or duration exposure, or 3) to securitize cash or as a substitute for cash market transactions.

Swap Contracts - Swaps are negotiated contractual agreements between two parties which can be either cleared or uncleared OTC investments. As is specified in the WRS's investment

guidelines, swaps may be used as an alternative to physical securities when it is deemed advantageous for portfolio construction. In addition, swaps may be used to adjust asset class exposures for the WRS. Guideline limits and soft risk parameters for each portfolio are applied to the aggregate exposures which includes both physical and synthetic securities. A synthetic security is a security or combination of securities that mirrors the properties of another reference security.

Open CDS contracts represent cleared OTC positions where the WRS gains exposure to credit protection. Under the terms of the contracts, the WRS receives (pays) periodic payments and, in exchange, agrees to pay (receive) a formula-driven amount to counterparties for losses incurred if stipulated credit events occur. CDS spreads are sensitive to credit spread and interest rate changes. The fair value of a CDS is determined using the closing price as reported by the applicable clearinghouse.

IRS positions represent cleared OTC contracts where fair value is determined using the closing price as reported by the applicable clearinghouse. The open TRS contracts represent uncleared OTC positions where the WRS gains exposure to the return of the underlying equity index and, in exchange, agrees to pay or receive the stipulated rate benchmark, plus or minus a spread. The rate benchmark is based on the 1-day Fed Funds Rate set by the Federal Open Markets Committee (FOMC), or the 1-day U.S. Secured Overnight Financing Rate (SOFR) published by the Federal Reserve of New York and is sensitive to interest rate changes. The fair value for TRS is based on the change in quoted market price of the underlying equity index and represents the unrealized gain/(loss) on the contracts since trade inception.

The fair value of CDS, IRS, and TRS is included in “Financial Futures Contracts and Swaps” on the Statement of Fiduciary Net Position. Gains and losses resulting from investments in swap contracts are included in the “Net Appreciation (Depreciation) in the Fair Value of Investments” on the Statement of Changes in Fiduciary Net Position. Any interest owed but not yet paid relating to swap contracts is reported within “Accounts Payable and Other Accrued Liabilities” on the Statement of Fiduciary Net Position. Interest Expense relating to swap contracts is reported as “Investment Expense” on the Statement of Changes in Fiduciary Net Position.

During the year, the WRS held positions in Total Return (TRS), Interest Rate Swaps (IRS), and Credit Default Swaps (CDS). The following table presents the investments in open Swap positions as of December 31, 2022 (in millions):

Open Swap Positions				
Type / Maturity Date(s) / Description	Reference Rate	Notional Amount	Fair Value	Unrealized Gain/ (Loss)
Credit Default				
Jun-27	N/A ¹	\$ 24.8	\$ 0.5	\$ 0.1
Dec-27	N/A ¹	100.5	5.6	(3.1)
¹ Sold credit protection in exchange for periodic payments				
Credit Default				
Jun-27	N/A ²	(23.8)	(0.5)	(0.5)
Dec-27	N/A ²	(1,015.0)	(8.1)	(11.5)
² Bought credit protection in exchange for periodic payments				
Interest Rate³				
Jan-25	Pay Floating BRL_CD, Receive Fixed 12.93	7.1	—	—
Jun-27	Pay Floating 6-Month PLN-WIBOR, Receive Fixed 4.97	3.0	(0.1)	0.1
Sep-27	Pay Floating 3-Month ZAR-JIBAR, Receive Fixed 8.00	13.3	(0.1)	(0.1)
Sep-27	Receive Fixed 3.64, Pay Floating 3-Month KRW-CD 91D	9.6	—	—
Sep-27	Receive Fixed 5.49, Pay Floating 6-Month PLN-WIBOR	5.0	0.1	0.1
Sep-27	Receive Fixed 6.55, Pay Floating 6-Month PLN-WIBOR	16.1	(0.4)	(0.4)
Sep-27	Receive Fixed 7.49, Pay Floating 3-Month ZAR-JIBAR	7.5	0.2	(0.1)
Oct-27	Pay Floating 6-Month PLN-WIBOR, Receive Fixed 6.83	2.3	0.1	0.1
Oct-27	Pay Floating 6-Month PLN-WIBOR, Receive Fixed 7.90	5.0	0.3	0.3
Nov-27	Pay Floating 3-Month ZAR-JIBAR, Receive Fixed 8.17	4.9	—	—
Dec-27	Pay Floating 1W CNY Fixed Repo Rate, Receive Fixed 2.68	6.2	—	—
Dec-27	Pay Floating 28D MXN-TIIE, Receive Fixed 8.95	4.6	—	—
Dec-27	Pay Floating 28D MXN-TIIE, Receive Fixed 9.35	4.3	0.1	0.1
Dec-27	Pay Floating 28D MXN-TIIE, Receive Fixed 8.54	3.8	—	—
Dec-27	Pay Floating 3-Month MYR-KLIBOR, Receive Fixed 4.06	6.3	0.1	0.1
Dec-27	Pay Floating 3-Month MYR-KLIBOR, Receive Fixed 4.37	7.0	0.2	0.2
Dec-27	Receive Floating 3-Month ZAR-JIBAR, Pay Fixed 8.86	5.3	(0.1)	(0.1)
Mar-28	Pay Floating 28D MXN-TIIE, Receive Fixed 8.48	3.5	—	(0.1)
Nov-32	Pay Floating 3-Month ZAR-JIBAR, Receive Fixed 9.16	2.8	—	—
Dec-32	Receive Floating 6-Month CZK-PRIBOR, Pays Fixed 5.43	4.0	(0.3)	(0.3)
Mar-33	Pay Floating 28D MXN-TIIE, Receive Fixed 8.25	2.4	(0.1)	(0.1)
Jan-25	Pay Floating BRL-CDI, Receives Fixed 11.67	11.0	(0.2)	(0.2)
Jan-27	Pay Floating BRL-CDI, Receives Fixed 12.64	2.4	—	—
Mar-28	Receive Floating CLP-ICP, Pay Fixed 5.26	3.4	—	—
Mar-28	Receive Floating CLP-ICP, Pay Fixed 5.38	2.3	—	—
Dec-32	Receive Floating CLP-ICP, Pay Fixed 6.74	2.5	(0.3)	(0.3)
³ Instrument is highly sensitive to interest rate changes				
Total Return				
Jan-23	Receive 1-Day Fed Fund plus Spread, Pay Equity Index Return	230.9	(2.1)	(2.1)
Jan-23	Receive Equity Index Return, Pay 1-Day Fed Fund plus Spread	45.1	0.7	0.7
Jan '23-Mar '23	Pay 1-Day US SOFR plus Spread, Receive Equity Index Return	(1,008.6)	4.4	4.4
Jan '23-Mar '23	Pay 1-Day Fed Fund plus Spread, Receive Equity Index Return	(208.5)	5.3	5.3
Apr '23-Jun '23	Pay 1-Day US SOFR plus Spread, Receive Equity Index Return	(1,228.2)	9.1	9.1
Jun-23	Pay 1-Day Fed Fund plus Spread, Receive Equity Index Return	(95.7)	0.7	0.7
Jul '23-Sep '23	Pay 1-Day US SOFR plus Spread, Receive Equity Index Return	(1,381.0)	(2.0)	(2.0)
Jul '23-Sep '23	Pay 1-Day Fed Fund plus Spread, Receive Equity Index Return	(540.8)	(4.2)	(4.2)
Sep-23	Receive 1-Day Fed Fund plus Spread, Pay Equity Index Return	394.3	9.1	9.1
Oct '23-Nov '23	Pay 1-Day US SOFR plus Spread, Receive Equity Index Return	(701.6)	(31.5)	(31.5)
Jan '24-Mar '24	Pay 1-Day US SOFR plus Spread, Receive Equity Index Return	(138.9)	4.0	4.0
May-24	Pay 1-Day US SOFR plus Spread, Receive Equity Index Return	(200.9)	(11.8)	(11.8)
Jul-24	Pay 1-Day US SOFR plus Spread, Receive Equity Index Return	(204.1)	(1.5)	(1.5)
Total		(5,805.8)	\$ (22.9)	\$ (35.3)

Options – An options contract gives the purchaser of the contract the right, but not the obligation, to buy (call) or sell (put) the security or index underlying the contract at an agreed upon price on or before the expiration date of the option contract. The seller of the contract is subject to market risk, while the purchaser is subject to credit risk and market risk, to the extent of the premium paid to enter into the contract.

Rebalancing policies and certain portfolio investment guidelines permit the use of exchange-traded and over-the-counter options. Options may be used to improve market exposure efficiency, enhance expected returns, or provide market exposure hedges. Exchange rules require that the seller of short exchange traded option contracts cover these positions either by collateral deposits in the form of cash or by pledging, in escrow, the actual securities that would be transferred to the contract purchaser in the event the options contract was exercised. In the case of OTC options, investment guidelines mitigate counterparty credit risk by establishing minimum credit ratings and requiring master netting agreements with provisions for collateral exchanges.

The fair value of option contracts is based upon the closing market price of the contract and is reflected as "Options" on the Statement of Fiduciary Net Position. Gains and losses as a result of investments in option contracts are included in the "Net Appreciation (Depreciation) in the Fair Value of Investments" on the Statement of Changes in Fiduciary Net Position.

To Be Announced Securities - To be announced mortgage-backed (TBA) securities are uncleared OTC forward contracts consisting of mortgage-backed securities (MBS) issued by Government National Mortgage Association, a government entity, and by government-sponsored enterprises such as, the Federal National Mortgage Association or the Federal Home Loan Mortgage Corp. The term TBA is derived from the fact that the actual MBS that will be delivered to fulfill a TBA trade is not designated at the time the trade is made. Instead, the specific pool of mortgages making up the MBS is announced 48 hours prior to the established trade settlement date. Eligibility rules and standards for MBS pools deliverable into TBA contracts ensure that delivered MBS pools are fungible. Payment for TBA securities is not made until the settlement date.

Certain portfolio investment guidelines allow for both long and short TBA positions. To mitigate counterparty credit risk, guidelines establish minimum credit ratings and require master netting agreements which include provisions for collateral exchanges.

The table below presents the fair value of option contracts as of December 31, 2022 (in millions):

Option Contracts							
Security Description	Contract Type	Position	Exchange-Traded vs. OTC	Expiration	Notional	Fair Value	Unrealized Gain (Loss)
Equity	Call	Long	Exchange	Jan 23 - Jun 23	\$ 2.1	\$ 0.2	\$ —
Equity	Call	Short	Exchange	Jan 23 - Jun 23	(24.2)	(0.2)	0.7
Equity	Put	Short	Exchange	Jan 23 - Jun 23	(3.5)	—	—
Total					\$ (25.6)	\$ (0.1)	\$ 0.8

TBAs, much like their underlying MBS securities, may be highly sensitive to interest rate changes. This is because the MBS pool early payment in a period of declining interest rates. The price of TBAs can fluctuate as the marketplace predicts changes in timing, or possible reductions in expected cash flows, associated with a change in interest rates.

The table below presents the fair value of TBA securities as of December 31, 2022 (in millions). Duration statistics are weighted by the fair value of each position to compute an average duration for the contracts held.

TBA Contracts			
Position / Maturity	Fair Value	Unrealized Gain / (Loss)	Weighted Avg. Duration (years)
Long Jan - Mar 23	\$ 1,547.4	\$ (5.7)	6.9
Short Jan - Feb 23	(284.2)	1.1	7.8
Total	\$ 1,263.2	\$ (4.6)	

The fair value of TBAs is reflected in "To Be Announced Securities" on the Statement of Fiduciary Net Position. The unrealized gain/loss associated with these contracts is included within the "Net Appreciation (Depreciation) in the Fair Value of Investments" on the Statement of Changes in Fiduciary Net Position.

Warrants — A warrant is a contract that entitles the holder to buy the underlying stock of the issuing company at a specified price. Warrants and options are similar in that the two instruments allow the holder special rights to buy securities. However, warrants differ from options in that they provide additional financing to the issuing company when exercised.

As of December 31, 2022, the WRS held warrant contracts valued at \$0.4 million. Warrants are included in the "Equities" section on the Statement of Fiduciary Net Position. The associated unrealized loss of \$1.3 million is included in the "Net Appreciation (Depreciation) in the Fair Value of Investments" on the Statement of Changes in Fiduciary Net Position.

Short Sell Obligations

Wisconsin Retirement System (WRS)

The WRS may sell a security it does not own in anticipation of purchasing the security later at a lower price. This is known as a short sale transaction. For the duration of the short sale transaction, a liability is recorded under "Short Sales of Securities" on the Statement of Fiduciary Net Position. The liability presented represents the fair value of the shorted securities necessary for delivery to the purchaser and is marked-to-market daily. Realized and unrealized gains and losses associated with short sales are recorded on the Statement of Changes in Fiduciary Net Position within the "Net Appreciation (Depreciation) in Fair Value of Investments" category. Prior to executing a short sale, the WRS borrows the security from a party currently holding it. While the transaction is open, the WRS incurs expenses for securities borrowing costs. In addition, as a security borrower, the WRS may incur dividend and interest expense as such payments must be remitted to the security lender during the course of the loan. During the duration of the borrow, there may be corporate action elections requiring the borrower to deliver items such as cash or securities to the lender. Such expenses are included in "Investment Expense" on the Statement of Changes in Fiduciary Net Position.

Risks arise from short sales due to the possible illiquidity of the securities markets and from potential adverse movements in security values. The cost to acquire the securities sold short may exceed the amount of proceeds initially received, as well as the amount of the liability recorded as "Short Sales of Securities" in the Statement of Fiduciary Net Position. Short sales expose the short seller to potentially unlimited liability because there is no upward limit on the price a shorted security could reach. Certain portfolio guidelines permit short sales and, to mitigate risks in various ways, including limiting the total value of short sales as a percentage of portfolio value, establishing portfolio versus benchmark tracking error limits, and monitoring other statistical and economic risk measures of the portfolio. Investment performance and risk associated with each portfolio is measured against benchmarks and monitored by management.

When a short sale occurs, the shorting portfolio must borrow the security and deliver it to the buyer. If the shorted security is owned by another WRS portfolio, investment policies allow the borrowing of the shorted securities from other WRS portfolios, including inter-fund borrowings. In addition to borrowing securities from existing WRS portfolios, the WRS may borrow securities from external sources. These borrowings are facilitated by the WRS's custodian.

Except in the case of borrowings within the same trust fund, the WRS is required to post collateral to the lender, at the required rate of 102% for in-currency loans and 105% for cross-currency loans. The WRS posted \$96.3 million in cash and \$2.2 billion in securities as collateral to security lenders representing \$24.5 million in excess of the fair market value of the securities borrowed as of December 31, 2022. If the security lender recalled the security and the WRS was not able to supply the lender with the security, the lender would be permitted to use the WRS's collateral to fund the purchase of the security.

2. State Investment Fund

The State Investment Fund (SIF) pools the cash of the State of Wisconsin and its agencies, the WRS, and various local government units (Local Government Investment Pool - LGIP) into a commingled fund with the investment objective of safety of

principal and liquidity while earning a competitive money market rate of return. State of Wisconsin agencies are required to invest their operating cash in the SIF. In the State's Annual Comprehensive Financial Report, the SIF is not reported as a separate fund; rather, each State fund's share in the "pool" is reported on the balance sheet as "Cash and Cash Equivalents." Shares of the SIF belonging to other participating public institutions are presented in the Local Government Pooled Investment Fund, an investment trust fund.

Wis. Stat. Secs. 25.17(3)(b), (ba), (bd) and (dg) enumerate the various types of securities in which the SIF can be invested, which include obligations of the United States or its agencies, corporations wholly owned by the United States or chartered by an act of Congress, securities guaranteed by the United States, the unsecured notes of financial and industrial issuers, direct obligations of or guaranteed by the government of Canada, certificates of deposit issued by banks in the United States including financial institutions in Wisconsin and banker's acceptances, as well as other loans, securities or investments that meet the SWIB's standard of responsibility within Wisconsin Statute 25.15(2).

For financial statement purposes, the valuation methodology of securities varies depending on the asset class. Repurchase Agreements and non-negotiable Certificates of Deposit and Time Deposits are carried at cost because they are non-participating contracts that do not capture interest rate changes in their value.

All remaining debt investments (U.S. Government/Agency securities, Banker's Acceptances, Commercial Paper, Corporate Notes, and negotiable Certificates of Deposit) are carried at fair value. Because quoted market prices for SIF securities are often not available at month end, BNY Mellon, as the SWIB's custodial bank, compiles fair values from third party pricing services which use matrix pricing models to estimate a security's fair value.

For purposes of calculating earnings to each participant, all investments are valued at amortized cost. Specifically, income is distributed to pool participants monthly, based on their average daily share balance. Distributions include interest income based on stated rates (both paid and accrued), amortization of discounts and premiums on a constant yield basis, realized investment gains and losses calculated on an amortized cost basis, and investment expenses. This method does not distribute to participants any unrealized gains and losses generated by the pool's investments.

SIF pool shares are bought and redeemed at \$1.00 based on the amortized cost of the investments in the SIF. The State of Wisconsin does not provide any legally binding guarantees to support the value of pool shares.

Fair Value Reporting

The SIF categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets, Level 2 inputs are significant other observable inputs, and Level 3 inputs are significant unobservable inputs. Investments held at cost or amortized cost are not reported within the fair value hierarchy.

Debt securities categorized as Level 2 are valued using observable inputs by third party pricing services using a matrix - pricing technique. Matrix pricing is used to value securities based on their relationship to quoted market prices for securities with

similar interest rates, maturities, and credit ratings. Most debt securities are classified as Level 2 because they are generally traded using a dealer market, with lower trading volumes than Level 1 securities.

Level 3 investments are generally valued using significant inputs that are unobservable to the marketplace.

Investments held at cost (Repurchase Agreements and Time Deposits with maturity less than 90 days) are not reported within the fair value hierarchy.

The following table presents the recurring fair value measurements as of June 30, 2023 (in millions):

	Fair Value	Fair Value Measurement Using		
		Level 1 Inputs	Level 2 Inputs	Level 3 Inputs
Investments by Fair Value Level:				
Government & Agencies	\$10,634.9	\$4,874.5	\$5,760.4	\$ —
Commercial Paper	299.3	—	299.3	—
Total By Fair Value Level	\$10,934.3	\$4,874.5	\$6,059.8	\$ —
Short-Term Reported at Cost or Amortized Cost:				
Repurchase Agreements	\$10,604.0			
Time Deposits (non-negotiable)	75.0			
Total	\$21,613.3			

Custodial Credit Risk

The custodial credit risk for investments is the risk that, in the event of the failure of the counterparty to a transaction, the SWIB will not be able to recover the value of investments or collateral securities that are in the possession of an outside party. Investments are exposed to custodial credit risk if the securities are uninsured and unregistered and are either held by the counterparty or by the counterparty's trust department or agent but not in the name of the SWIB. The SIF held repurchase agreements totaling \$10.6 billion as of June 30, 2023. Repurchase agreements, totaling \$2.1 billion, were bilateral agreements with the underlying securities held as collateral at the SWIB's custodian. Repurchase agreements, totaling \$3.5 billion, were tri-party agreements. The underlying securities (collateral) for these repurchase agreements were held by the tri-party's agent, not in the SWIB's name. The remaining repurchase agreements, totaling \$5.0 billion, were related-party, bilateral agreements with the WRS. The underlying securities for these repurchase agreements were held by the SWIB's custodian, in SIF's name.

The related party repurchase transactions with the WRS were overnight agreements collateralized with U.S. Treasury securities. The WRS is also a participant in the SIF, with investments totaling \$1.2 billion (Core Fund) and \$496.0 million (Variable Fund) at June 30, 2023.

The SIF's custodial credit risk policy addresses the primary risks

associated with safekeeping and custody. It requires that custodial institutions be selected through a competitive bid process and that the institution be designated a "Systemically Important Financial Institution" by the U.S. Federal Reserve. The policy also requires that the SIF be reflected as beneficial owner on all securities entrusted to the custodian and that the SIF has access to safekeeping and custody accounts.

The custodian is also required to be insured for errors and omissions and must provide the SIF with an annual report on internal controls. The SIF's current custodial bank was selected in accordance with these guidelines and meets all requirements stipulated in the custodial credit risk policy.

Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of an organization's investment in a single issuer. The SIF's investment guidelines limit concentrations of credit risk by establishing maximum issuer and/or issue exposure limits based on credit rating. These guidelines do not place a limit on maximum exposure for instruments issued or guaranteed by the U.S. Government and its agencies, repurchase agreements (collateralized with U.S. Treasury and Agency securities), or deposit instruments guaranteed or secured by letters of credit issued by U.S. Agencies or government-sponsored enterprises (GSEs). As of June 30, 2023, the SIF has more than five percent of its investments in FHLB (21.2 percent), U.S. Treasury (24.0 percent) and Repurchase Agreement collateral (49.1 percent) consisting of various securities issued by the U.S. Treasury. Since the Repurchase Agreements generally mature each day, new collateral, consisting of a different blend of U.S. Treasury securities, is assigned each day.

Credit Quality Risk

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The SWIB established SIF investment guidelines require at least 70% of the market value of the portfolio to be invested in: (1) instruments issued or guaranteed by the U.S. Government and its agencies (maturing in 10 years or less), (2) repurchase agreements (collateralized with Treasury and agency securities maturing in 10 years or less), (3) deposit instruments guaranteed or secured by letters of credit issued by U.S. agencies or government-sponsored enterprises (GSEs), and (4) FDIC insured bank instruments.

The following table presents these credit ratings and aggregate exposures by investment type as of June 30, 2023 (in millions):

Investment Type	Ratings	Fair Value
Repurchase Agreements (Collateral):		
U.S. Government & Agencies Debt	AA	\$ 10,604.0
Government Sponsored Entity		
U.S. Agency:		
Federal Home Loan Bank (FHLB)	A-1+	4,539.1
Federal Farm Loan Bank (FFCB)	A-1+	846.7
Federal Home Loan Bank (FHLB)	AA	50.0
Federal Farm Credit Bank (FFCB)	AA	12.0
U.S. Treasury:		
Short-Term (Bills and Notes)	A-1+	5,062.1
Long-Term (Notes)	AA	125.0
Commercial Paper	A-1+	224.4
Commercial Paper	A-1	75.0
Time Deposits	A-1	75.0
Total Investments		\$ 21,613.3

Interest Rate Risk

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The Weighted Average Maturity (WAM) method is used to analyze interest rate risk and investment guidelines mandate that the WAM for the entire portfolio will not exceed one year.

At June 30, 2023, the following table shows the investments by investment type, amount and the weighted average maturities (in millions):

Investment Type	Fair Value	Weighted Average Maturity (Days)
Government & Agencies	\$ 10,634.9	53
Repurchase Agreements	10,604.0	3
Commercial Paper	299.3	16
Time Deposits	75.0	3
Total Investments	\$ 21,613.3	
Portfolio Weighted Average Maturity (Days)		28

Foreign Currency Risk

Foreign currency risk is the risk that changes in exchange rates will adversely impact the fair value of an investment. At June 30, 2023, the SIF was not exposed to foreign currency risk.

3. Lottery Investments and Related Future Prize Obligations

Investments of the State Lottery Fund totaling \$2.4 million plus cash of \$0.4 million are held to finance grand prizes payable over a 20-year, 25-year or 30-year period. The investments in prize annuities are debt obligations of the U.S. government backed by its full faith and credit as to both principal and interest. Liabilities related to the future prize obligations are presented at their present value and included in "Accounts Payable and Other Accrued Liabilities".

The following is a schedule of future prize obligations (in millions):

Fiscal Year	Amount
2024	\$ 1.1
2025	0.3
2026	0.3
2027	0.3
2028	0.4
Thereafter	0.9
Total future value	3.3
Less: Present value adjustment	(0.8)
Present value of payments	\$ 2.5

NOTE 6. RECEIVABLES AND NET REVENUES**A. Receivables**

Receivables at June 30, 2023 were as follows (in thousands):

	Taxes	Loans to Local Governments	Other Loans Receivable			Other Receivables	Due From Other Governments	Due From Component Units	Lease Receivables	Total Receivables
			Student Loans	Veterans Loans	Other Loans					
Governmental Activities:										
General	\$ 1,852,975	\$ —	\$ —	\$ —	\$ 293	\$ 930,886	\$ 1,279,337	\$ 236	\$ —	\$ 4,063,726
Transportation	107,918	—	—	—	15,992	12,475	284,119	—	—	420,504
Nonmajor Governmental	—	244,305	—	—	—	80,774	31,074	—	—	356,153
Total Governmental:	1,960,892	244,305	—	—	16,285	1,024,135	1,594,531	236	—	4,840,383
Government-wide Adjustments:										
Internal Service Funds	—	—	—	—	—	1,849	884	—	—	2,733
Accrual Adjustments	—	—	—	—	—	1,571	—	—	—	1,571
Fiduciary Receivables	—	—	—	—	—	78,252	—	—	—	78,252
Total - Governmental Activities	\$ 1,960,892	\$ 244,305	\$ —	\$ —	\$ 16,285	\$ 1,105,807	\$ 1,595,415	\$ 236	\$ —	\$ 4,922,940
Related revenue not recognized in the funds because it is not available	\$ 410,725	\$ —	\$ —	\$ —	\$ —	\$ 45,516	\$ 63,848	\$ —	\$ —	\$ 520,090
Business-type Activities:										
Current:										
Environmental Improvement	\$ —	\$ 205,273	\$ —	\$ —	\$ —	\$ 18	\$ 12,504	\$ —	\$ —	\$ 217,795
University of Wisconsin System	—	—	13,831	—	—	174,142	154,869	1,081	2,752	346,675
Unemployment Reserve	—	—	—	—	—	169,848	1,187	—	—	171,035
Nonmajor Enterprise	—	190	—	1	—	183,168	32,559	—	—	215,919
Total Current:	—	205,463	13,831	1	—	527,176	201,120	1,081	2,752	951,424
Noncurrent:										
Environmental Improvement	—	2,032,914	—	—	—	—	—	—	—	2,032,914
University of Wisconsin System	—	—	78,741	—	—	—	—	—	18,341	97,082
Unemployment Reserve	—	—	—	—	—	93,301	—	—	—	93,301
Nonmajor Enterprise	—	2,051	—	—	2,746	—	—	—	—	4,797
Total Noncurrent	—	2,034,965	78,741	—	2,746	93,301	—	—	18,341	2,228,094
Government-wide Adjustments:										
Fiduciary Receivables	—	—	—	—	—	13,048	—	—	—	13,048
Total - Business-type Activities	\$ —	\$ 2,240,429	\$ 92,572	\$ 1	\$ 2,746	\$ 633,525	\$ 201,120	\$ 1,081	\$ 21,093	\$ 3,192,567

B. Net Revenues

Certain revenues of the University of Wisconsin System are reported net of scholarship allowances. For Fiscal Year 2023, these scholarship allowances totaled as follows (in thousands):

Student Tuition and Fees	\$ 312,414
Sales and Services of Auxiliary Enterprises	42,630
Total	\$ 355,044

NOTE 7. CAPITAL ASSETS

Capital asset activity for the fiscal year ended June 30, 2023 was as follows (in thousands):

Primary Government	Beginning Balance *	Increases	Decreases	Ending Balance
Governmental activities:				
Capital assets, not being depreciated:				
Land and Land Improvements	\$ 2,999,540	\$ 27,829	\$ (577)	\$ 3,026,793
Buildings and Improvements	170,508	521	(6)	171,023
Library Holdings	59,690	164	—	59,854
Equipment	227	—	—	227
Construction and Software in Progress	2,348,061	597,411	(855,876)	2,089,595
Infrastructure	19,392,094	800,125	(46,542)	20,145,677
Total capital assets, not being depreciated	24,970,120	1,426,050	(903,001)	25,493,169
Capital assets, being depreciated:				
Land Improvements	251,460	8,288	(30)	259,717
Buildings and Improvements	2,723,490	77,492	(10,929)	2,790,053
Equipment	1,234,709	131,118	(44,390)	1,321,436
Right to Use Buildings	351,060	54,099	(16,387)	388,772
Right to Use Equipment	2,332	3,593.12	—	5,925
Right to Use SBITAs	48,677	58,433	0	107,110
Totals	4,611,727	333,022	(71,736)	4,873,014
Less accumulated depreciation for:				
Land Improvements	185,871	11,420	(29)	197,262
Buildings and Improvements	1,499,615	75,277	(10,571)	1,564,321
Equipment	918,248	95,750	(40,517)	973,481
Right to Use Buildings	34,142.59	33,519	(5,728)	61,934
Right to Use Equipment	331.50	1,113	—	1,445
Right to Use SBITAs	0	35,985	0	35,985
Totals	2,638,209	253,065	(56,846)	2,834,427
Total Capital Assets, being depreciated, net	1,973,519	79,958	(14,890)	2,038,586
Governmental activities capital assets, net	\$ 26,943,639	\$ 1,506,008	\$ (917,892)	\$ 27,531,755
Business-type activities:				
Capital assets, not being depreciated:				
Land and Land Improvements	\$ 173,005	\$ 3,960	\$ (62)	\$ 176,903
Construction and Software in Progress	629,947	308,535	(222,011)	716,471
Total Capital Assets, not being depreciated	802,952	312,495	(222,073)	893,374
Capital assets, being depreciated:				
Land Improvements	36,738	6,088	(14)	42,811
Library Holdings	1,141,102	23,320	(27,496)	1,136,925
Buildings	9,373,960	397,893	(6,837)	9,765,016
Equipment	1,412,500	119,294	(44,421)	1,487,373
Right to Use Land	2,169	0	(142)	2,027
Right to Use Buildings	313,667	12,939	(2,405)	324,201
Right to Use Equipment	13,167	4,476	(3,510)	14,134
Right to Use SBITAs	77,045	28,298	0	105,343
Totals	12,370,348	592,309	(84,826)	12,877,830
Less accumulated depreciation for:				
Land Improvements	21,697	2,767	(14)	24,451
Library Holdings	990,502	22,230	(27,317)	985,415
Buildings	4,786,889	289,157	(5,981)	5,070,064
Equipment	1,070,405	81,591	(43,087)	1,108,908
Right to Use Land	932	345	(142)	1,135
Right to Use Buildings	51,558	27,058	(1,738)	76,879
Right to Use Equipment	8,466	3,957	(3,499)	8,924
Right to Use SBITAs	21,761	34,166	0	55,928
Totals	6,952,211	461,272	(81,778)	7,331,704
Total Capital Assets, being depreciated, net	5,418,137	131,037	(3,047)	5,546,126
Business-type activities capital assets, net	\$ 6,221,089	\$ 443,532	\$ (225,121)	\$ 6,439,500

* Amounts for beginning balance include restatements of prior year's balances.

In addition to the capital assets reported by governmental and business-type activities, the fiduciary funds reported gross capital assets of \$20.4 million, with accumulated depreciation totaling \$11.3 million.

Depreciation Expense

Depreciation expense was charged to the primary government as follows (in thousands):

Governmental Activities		Business-type Activities	
Commerce	\$ 4,140	University of Wisconsin System	\$ 440,451
Education	4,481	Lottery	47
Transportation	15,232	Care and Treatment Facilities	14,401
Environmental Resources	22,207	Other Business-Type	<u>6,374</u>
Human Relations and Resources	126,877	Total depreciation expense - business-type	<u>\$ 461,272</u>
General Executive	17,131		
Judicial	5,447		
Legislative	680		
Internal Service Funds	<u>56,870</u>		
Total depreciation expense - governmental activities	<u>\$ 253,065</u>		

Construction and Software in Progress - Construction and software in progress of the primary government reported in the government-wide statement of net position at fiscal year-end included the following projects (in thousands):

Governmental Activities:	Allotments	Expended through June 30, 2023	Adjusted Encumbrances Outstanding	Unencumbered Allotment Balance
Reported through capital projects funds:				
Stillwater/St Croix Crossing Bridge	\$ 60,637	\$ 60,637	\$ —	\$ —
Zoo Interchange	541,597	541,597	—	—
GBCI North and South Cell Hall Improvement	19,832	17,828	162	1,842
CCI Segregation Unit Expansion	11,976	11,363	37	577
Major Highway and Rehabilitation	100,028	100,028	—	—
Major Highway and Rehabilitation	72,671	72,671	—	—
Kettle Moraine Springs Hatchery Renovation	29,890	29,445	89	356
Old World Wisconsin Guest Entry Expansion	16,922	3,026	902	12,994
DNR South East Region HQ and Service Center Renovation	16,231	15,702	62	467
Interstate 94 North South Freeway Project	214,445	214,445	—	—
Appleton Readiness Center Renovation	20,234	15,142	1,182	3,910
Viroqua Readiness Center Replacement	23,994	1,177	544	22,273
Milwaukee Secure Detention Facility Ventilation Improvement	10,765	1,730	8,080	956
Stanley Correction Institution New Health Service Unit	16,501	857	367	15,276
Design Build Highway Program	10,804	10,804	—	—
Other Projects with allotments totaling less than \$10 million		<u>32,792</u>		
Subtotal		<u>\$ 1,129,244</u>		
Projects funded with sources other than capital projects funds:				
Transportation-related		841,756		
Department of Health Services		75,279		
Department of Workforce Development		27,897		
Department of Children and Families		14,519		
Department of Natural Resources		<u>901</u>		
Total construction and software in progress - governmental		<u>\$ 2,089,595</u>		
Business Activities:				
UW Milwaukee Sandburg Hall Renovation	44,945	38,876	1,430	4,639
UW Milwaukee NWQ Student Health Service Renovation	59,780	52,100	3,068	4,613
UW Platteville Sesquicentennial Hall	53,489	40,287	681	12,522
UW Madison Kohl Center Addition & Renovation	48,074	19,022	19,676	9,375
UW Madison Vet Med Addition & Renovation	128,603	92,338	24,411	11,854
UW Milwaukee Chemistry Building	129,535	64,686	24,991	39,858
UW Madison Gymnasium-Natatorium Replacement	111,391	86,419	3,158	21,815
UW Milwaukee Student Union Renovation	40,723	32,584	3,504	4,635
UW Stevens Point Albertson Hall Renovation	96,000	8,332	57,539	30,128
UW Madison Sellery Hall Addition Renovation	78,811	69,101	3,931	5,779
UW River Falls Science and Technology Innovation Center	116,730	6,539	65,703	44,488
UW Eau Claire Science/Health Science Building	14,385	11,237	1,762	1,385
UW Stout South Hall Addition and Renovation	25,000	18,261	1,868	4,871
UW LaCrosse Graff Main Hall HVAC System Renovation	13,822	874	276	12,672
UW Osh Kosh Clow Hall Renovation Phase II	26,974	18,970	3,912	4,093
UW Madison Engineering Drive Utilities Renovation	73,141	2,001	2,011	69,129
UW Madison Engineering Replacement Building	10,810	3,481	3,412	3,918
CWC Building 6 Remodeling Funding LTR	17,800	3,619	12,475	1,706
MMHI Lorenz HL Secure Treatment Units	24,706	24,393	0	313
MMHI Juvenile Center Utility Relations	10,300	6,930	0	3,370
MMHI MJTC Expansion Project	65,955	42,202	17,559	6,194
MMHI Food Service Renovation BTF Release	28,924	<u>6,292</u>	20,125	2,506
Subtotal		<u>\$ 648,543</u>		
Other Projects with allotments totaling less than \$10 million		<u>67,928</u>		
Total construction and software in progress - business type		<u>\$ 716,471</u>		

Construction and software in progress of the University of Wisconsin System and of the other business-type activities as reported in the financial statements totaled \$559.7 million and \$156.8 million, respectively.

NOTE 8. ENDOWMENTS**Primary Government****University of Wisconsin System**

The University of Wisconsin System invested its trust funds, principally gifts and bequests designated as endowments or quasi-endowments, in two of its own investment pools: the Long Term Fund and the Applied Security Analysis Program "RegentFund." In Fiscal Year 2018, the Board of Regents transferred its investment management responsibilities of the Long Term Fund to the State of Wisconsin Investment Board (SWIB) as permitted through Section 36.11 (11m) of the Wisconsin statutes. The RegentFund was established on April 1, 2019, as an investment fund for a limited number of participating Trust Funds accounts. The RegentFund is an intermediate-term fixed income portfolio, governed by and subject to a Board- approved Memorandum of Understanding, which includes detailed investment guidelines.

Benefiting University of Wisconsin System entities receive quarterly distributions from the Long Term Fund, principally endowed assets, based on an annual spending rate applied to a 12-quarter moving average market value of the fund. The annual spending rate is currently 4.0 percent. Distributions from the RegentFund, principally quasi-endowments and unspent income distributions, consist of interest earnings distributed quarterly. Spending rate and interest distributions from both of these funds are transferred to the State Investment Fund, pending near-term expenditures. At June 30, 2023, net appreciation of the endowment accounts was \$162.6 million which was available to meet spending rate distributions, of which \$21.5 million was actually authorized for expenditure.

For University of Wisconsin System-controlled, donor-restricted endowments, the Uniform Prudent Management of Institutional Funds Act as adopted, permits the Board of Regents of the University of Wisconsin System to appropriate for current spending, an amount of realized and unrealized endowment appreciation as they determine to be prudent. Realized and unrealized appreciation in excess of that amount appropriated for current spending is retained by the endowments.

University of Wisconsin System investment policies and guidelines are governed and authorized by the Board of Regents. The approved asset allocation for the new SWIB-managed Long Term Fund has a target to public markets of the following: 57.0 percent public equities, 20.0 percent fixed income, and 23.0 percent inflation sensitive securities. Private markets are not included in the target asset allocation. The legacy private markets investments will self-liquidate as distributions are made from existing funds with no new commitments intended.

The fair value of Endowments as of June 30, 2023 was \$548.3 million including an unrealized gain of \$22.4 million when fair values as of June 30, 2023 are compared to asset acquisition costs.

The calculation of realized gains and losses is independent of a calculation of the net change in the fair value of investments since realized gains and losses are based on the difference between the selling price and the acquisition cost of the asset. Therefore, when assets are reported at fair value much of the realized gain or loss may have already been included in prior years as part of the overall change in the fair value of investments.

At June 30, 2023, the book value and fair value of principal funds under control of the University of Wisconsin System was (in millions):

Original Contributions and Distributed Net Gains	\$ 367.8
Realized Gains – Undistributed	158.1
Book Value	525.9
Unrealized Net Gains/Losses – Undistributed	22.4
Fair Value	\$ 548.3

On June 30, 2023, the portfolio at market, for the Long Term Fund, contained 43.8 percent in global equities, 16.0 percent in Treasury Inflation Protection Securities (TIPS), 16.2 percent in investment grade government/credit, 6.1 percent in hedged non-U.S. equities, 2.3 percent in real estate investment trusts, 2.3 percent in emerging markets equities, and 13.3 percent in private markets. The total return (loss) on the principal Long Term Fund including capital appreciation was 5.6 percent for the year.

On June 30, 2023, the portfolio at market, for the RegentFund, contained 94.5 percent in fixed income securities and 5.5 percent in cash and cash equivalents. The total return on the principal RegentFund including capital appreciation was 1.65 percent for the year.

NOTE 9. INTERFUND RECEIVABLES, PAYABLES, AND TRANSFERS

Interfund balances as of or for the year ended June 30, 2023 consists of the following (in thousands):

A. Due from/to Other Funds:

Due from Other Funds and the Due to Other Funds represent short-term interfund accounts receivable and payable. The balances in these accounts at June 30, 2023 were as follows (in thousands):

		Due to Other Funds:									
		General	Transportation	Nonmajor Governmental	Environmental Improvement	University of Wisconsin System	Unemployment Reserve	Nonmajor Enterprise	Internal Service	Fiduciary	Total
Due from Other Funds:											
General	\$	—	\$ 21,699	\$ 3,467	\$ 1,736	\$ 35,230	\$ 3,010	\$ 434	\$ 806	\$ 77,570	\$ 143,952
Transportation		666	—	16,512	—	—	—	—	—	—	17,178
Nonmajor Governmental		267	10,999	1,009	1,663	4,670	7	16,716	3,890	—	39,221
Environmental Improvement		137	—	20	—	—	—	—	—	—	157
University of Wisconsin System		12,749	107	2,837	48	—	—	0	3	—	15,745
Unemployment Reserve		0	—	—	—	51	—	—	—	—	51
Nonmajor Enterprise		787	—	—	—	—	—	101,370	111	6,605	108,873
Internal Service		6,893	2,193	999	—	890	—	175	—	683	11,833
Fiduciary		18,524	2,144	1,476	3	39,332	—	8,597	567	3,054	73,698
Total	\$	40,024	\$ 37,144	\$ 26,320	\$ 3,450	\$ 80,173	\$ 3,017	\$ 127,291	\$ 5,376	\$ 87,912	\$ 410,707

The balances in the Due from Other Funds and Due to Other Funds accounts typically result from the time lag between the dates that

- (1) interfund goods and services were provided and when the payments occurred, and
- (2) interfund transfers were accrued and when the liquidations occurred.

Most of the State's funds are presented on a fiscal year ended June 30. However, some funds are presented on a fiscal year ended December 31. As a result, inconsistencies may occur in amounts reported as interfund receivables or payables between funds with different fiscal year ends.

B. Interfund Receivables/Payables

Interfund Receivables/Payables represent short-term loans from one fund to another to cover cash overdrafts. Interfund receivables/payables at June 30, 2023 were as follows (in thousands):

	Interfund Receivable:	
	General	Total
Interfund Payables:		
Nonmajor Governmental	\$ 3,794	\$ 3,794
Nonmajor Enterprise	32,487	32,487
Internal Service	29,068	29,068
Total	\$ 65,348	\$ 65,348

C. Advances to/from Other Funds

Advances to/from Other Funds represent long-term loans to one fund from another fund. Advances at June 30, 2023 were as follows (in thousands):

	Advances from Other Funds (liability):	
	Nonmajor Governmental	Total
Advances to Other Funds (asset):		
Environmental Improvement	\$ 6,831	\$ 6,831
Nonmajor Enterprise	—	—
Total	\$ 6,831	\$ 6,831

D. Interfund Transfers

Interfund Transfers in and out that occurred during Fiscal Year 2023 were as follows (in thousands):

	Transfers In:								Total
	General	Transportation	Nonmajor Governmental	Environmental Improvement	University of Wisconsin System	Unemployment Reserve	Nonmajor Enterprise	Internal Service	
Transfers Out:									
General	\$ —	\$ 98,177	\$ 844,426	\$ —	\$ 1,126,568	\$ 60,000	\$ 217,115	\$ 592	\$ 2,346,878
Transportation	757	—	188,702	—	—	—	—	—	189,460
Nonmajor Governmental	21,300	20,840	56,439	—	208,204	—	62,850	72	369,705
Environmental Improvement	—	—	7,012	—	—	—	—	—	7,012
University of Wisconsin System	20,998	—	87,586	—	—	—	—	—	108,584
Unemployment Reserve	18,915	—	—	—	—	—	—	—	18,915
Nonmajor Enterprise	10,518	—	9,970	—	—	—	69	111	20,668
Internal Service	1,438	—	2,593	—	1	—	—	560	4,592
Fiduciary	2	—	735	—	—	—	—	—	737
Total	\$ 73,928	\$ 119,017	\$ 1,197,464	\$ —	\$ 1,334,773	\$ 60,000	\$ 280,034	\$ 1,334	\$ 3,066,550

Transfers are typically used to move: (1) revenues from the fund that statute or budget requires to collect them to the fund that statute or budget requires to expend them, (2) receipts restricted to debt service from the funds collecting the receipts to the debt service fund as debt service payments become due, (3) unrestricted revenues collected in one fund to finance various programs accounted for in other funds in accordance with statute or budgetary authorizations, and (4) accumulated surpluses from other funds to the General Fund when authorized by statute.

Most of the State's funds are presented on a fiscal year ended June 30. However, some funds are presented on a fiscal year ended December 31. As a result, inconsistencies may occur in amounts reported as interfund transfers between funds with different fiscal year ends. In addition, the transfer of capital assets between governmental and enterprise funds will result in an inconsistency.

Nonroutine and Other Transfers

Transfers considered non-routine or inconsistent with the fund making the transfer included the following (in thousands):

Transfer out from the General Fund:

Funds Reporting the Transfer In	Amount
Unemployment Reserve	\$ 60,000
Veterans Trust Fund	15,276

Transfers in to the General Fund:

Funds Reporting the Transfer Out	Amount
University of Wisconsin System	\$ 12,929

Transfers out from the Petroleum Inspection Fund:

Fund Reporting the Transfer In	Amount
Transportation	\$ 14,582

NOTE 10. CHANGES IN LONG-TERM LIABILITIES

During the year ended June 30, 2023, the following changes occurred in long term liabilities (in thousands):

Primary Government

Governmental Activities	Balance July 1, 2022	Additions	Reductions	Balance June 30, 2023	Amounts Due Within One Year
Bonds, Long Term Notes and Certificates Payable:					
General Obligation Bonds and Notes for:					
Governmental Funds	\$ 4,981,158	\$ 784,949	\$ 1,020,487	\$ 4,745,620	\$ 490,711
Internal Service Funds	301,650	45,372	60,142	286,880	15,953
Annual Appropriation Bonds	2,660,835	383,755	193,890	2,850,700	248,515
Revenue Bonds	1,710,990	329,780	358,300	1,682,470	155,149
Certificates of Participation for:					
Governmental Funds	48,578	7,654	14,738	41,494	9,313
Internal Service Funds	3,859	10,734	3,743	10,850	2,829
Issuance Premiums and (Discounts)	663,661	128,568	156,590	635,639	—
Total Bonds, Long Term Notes and Certificates Payable	10,370,731	1,690,813	1,807,890	10,253,653	922,470
Other Liabilities:					
Future Benefits and Loss Liability	152,922	32,143	41,102	143,963	42,802
Leases for:					
Governmental Funds	306,655	36,888	21,910	321,633	27,161
Internal Service Funds	17,942	2,612	2,598	17,956	2,470
SBITAs for:					
Governmental Funds	25,906	27,157	17,088	35,975	15,110
Internal Service Funds	22,153	30,391	16,031	36,513	17,707
Compensated Absences	2,547,589	286,031	181,103	2,652,517	182,625
Net Pension Liability	—	724,974	—	724,974	—
Other Postemployment Benefits	673,317	379	125,546	548,149	—
Claims, Judgments and Commitments	592	95	—	687	—
Pollution Remediation Obligations	238	167	165	240	240
Total Governmental Activities Long-term Liabilities	\$ 14,118,044	\$ 2,831,650	\$ 2,213,433	\$ 14,736,261	\$ 1,210,586

Repayment of the general obligation bonds and notes is made from the Bond Security and Redemption Fund. The amount presented in this fund represents the liability to be paid from resources accumulated to provide debt service payments in Fiscal Year 2023.

Repayment of the revenue bonds principal and interest is made from the appropriate debt service fund with payments secured by registration and inspection fees collected by the appropriate program. Most of the compensated absences, pension and other postemployment benefits liabilities are attributed to the General, Transportation and Conservation funds. Long-term liabilities for claims, judgments and commitments are generally liquidated with resources of the governmental activities.

Business-type Activities	Balance July 1, 2022	Additions	Reductions	Balance June 30, 2023	Amounts Due Within One Year
Bonds, Long Term Notes and Certificates Payable:					
General Obligation Bonds & Notes	\$ 1,601,962	\$ 456,614	\$ 537,626	\$ 1,520,950	\$ 131,378
Revenue Bonds	344,970	50,000	29,375	365,595	33,675
Certificates of Participation	9,075	896	1,427	8,544	1,770
Issuance Premiums and (Discounts)	195,653	55,027	53,432	197,247	—
Total Bonds, Long Term Notes, and Certificates Payable	2,151,660	562,536	621,860	2,092,336	166,822
Other Liabilities:					
Future Benefits and Loss Liability	1,157,984	158,097	124,176	1,191,904	128,757
Leases	275,338	17,416	28,682	264,071	22,932
SBITAs	43,166	26,133	37,584	31,715	16,745
Compensated Absences	194,301	113,102	104,909	202,494	105,377
Net Pension Liability	—	794,392	—	794,392	—
Other Postemployment Benefits	793,519	2,903	131,226	665,197	—
Asset Retirement Obligations	13,056	587	—	13,643	—
Total Business-type Activities Long-term Liabilities	\$ 4,629,024	\$ 1,675,167	\$ 1,048,438	\$ 5,255,753	\$ 440,632

NOTE 11. BONDS, NOTES AND OTHER DEBT OBLIGATIONS

The following schedule summarizes outstanding bonds and long-term notes payable at June 30, 2023 (in millions):

Primary Government	
Governmental Activities:	
General Obligation Bonds and Notes	\$ 5,441.8
Annual Appropriation Bonds	2,888.0
Transportation Revenue Bonds	1,867.2
Certificates of Participation	56.7
Total Governmental Activities	<u>10,253.7</u>
Business-type Activities:	
General Obligation Bonds and Notes:	
University of Wisconsin System	\$ 1,621.5
Other Business-type	46.4
Environmental Improvement Revenue Bonds	415.0
Certificates of Participation	9.4
Total Business-type Activities	<u>2,092.3</u>
Total Primary Government	\$ <u>12,346.0</u>

A. General Obligation Bonds

The State of Wisconsin Building Commission, an agency of the State, is empowered by law to consider, act upon, authorize, issue and sell all debt obligations of the State. To date, the Commission has authorized and issued general obligation bonds and notes primarily to provide funds for the acquisition or improvement of land, water, property, highways, buildings, equipment or facilities for public purposes. Occasionally, general obligation bonds are also issued for the purpose of providing funds for veterans housing loans and to refund general obligation bonds. All general obligation bonds and notes authorized and issued by the State are secured by a pledge of the full faith, credit and taxing power of the State of Wisconsin and are customarily repaid over a period of twenty to thirty years.

Article VIII of the Wisconsin Constitution and Wis. Stat. Section 18.05 set limits on the amount of debt that the State can contract in total and in any calendar year. In total, debt outstanding cannot exceed five percent of the value of all taxable property in the State. Annual debt issued cannot exceed the lesser of three-quarters of one percent or five percent of the value of all taxable property in the State less net indebtedness at January 1.

At June 30, 2023, \$4.7 billion of general obligation bonds were legislatively authorized but unissued.

General obligation bonds issued and outstanding as of June 30, 2023 were as follows (in thousands):

Fiscal Year Issued	Series	Dates	Interest Rates	Maturity Through	Amount Issued	Amount Outstanding
2015	2014 Series 4; 2015 Series 1	1/15; 4/15	1.0 to 5.0	5/29	\$ 428,460	\$ 247,250
2016	2015 Series C; 2016 Series 1 and A	9/15; 3/16, 3/16	1.75 to 5.0	5/36	977,435	406,275
2017	2016 Series C, D, 2; 2017 Series A	7/16, 10/16, 8/16; 3/17	0.80 to 5.0	5/36	1,040,300	475,050
2018	2017 Series B, 1, 2, 3; 2018 Series A	11/17, 7/17, 11/17, 12/17; 3/18	2.0 to 5.0	5/38	1,635,975	1,123,380
2019	2018 Series B	10/18	5.0	5/33	258,965	16,040
2020	2019 Series A, B, 1; 2020 Series A, 1, and 2	8/19, 12/19, 10/19 6/20, 2/20, 2/20	1.63 to 5.0	5/40	1,355,910	955,135
2021	2020 Series B, 3; 2021 Series A, 1, 2, and 3	11/20, 7/20; 6/21, 2/21, 2/21, 3/21	0.11 to 5.0	5/42	1,274,610	1,072,770
2022	2021 Series B, 4; 2022 Series A, 1, and 2	12/21, 9/21; 5/22, 3/22, 3/22	1.08 to 5.0	5/42	977,610	929,000
2023	2022 Series 3, 4, and 5; 2023 Series A, 1, and 2	10/22, 11/22, 11/22; 1/23, 1/23, 5/23	4.0 to 5.7	5/43	1,152,115	1,152,115
					9,101,380	6,377,015
Premiums/Discounts						556,151
Total General Obligation Bonds					\$ 9,101,380	\$ 6,933,166

As of June 30, 2023, general obligation bond debt service requirements for principal and interest for governmental activities and business-type activities are as follows (in thousands):

Fiscal Year Ended June 30	Governmental Activities		Business-Type Activities	
	Principal	Interest	Principal	Interest
2024	\$ 416,923	\$ 204,830	\$ 102,127	\$ 65,504
2025	414,679	187,078	74,001	61,125
2026	404,949	170,774	99,081	57,339
2027	381,114	154,347	83,926	53,442
2028	358,112	136,095	101,653	49,075
2029 - 2033	1,582,080	468,089	460,635	180,676
2034 - 2038	1,002,508	199,336	340,967	91,699
2039 - 2043	344,760	33,279	209,500	20,471
	<u>4,905,122</u>	<u>1,553,828</u>	<u>1,471,893</u>	<u>579,332</u>
Premiums/Discounts	409,258		146,894	
Total	\$ 5,314,380	\$ 1,553,828	\$ 1,618,786	\$ 579,332

A portion of the general obligation bonds are issued to purchase capital assets in business-type activities, but repaid using governmental activities resources. Therefore, these amounts are not included in the net investment in capital assets in government-wide statement of net position for either governmental or business-type activities, but are included in the total column since both the capital assets and debt liability are part of the primary government. At June 30, 2023 this amount was \$1.6 billion.

B. General Obligation Notes

Demand Notes

In May 2019, the State issued \$53.8 million of General Obligation Demand Notes ("2019 Series A Notes") for general governmental purposes as authorized by law.

As of June 30, 2023, the State had \$53.8 million in variable-rate general obligation demand notes outstanding that are demand notes marketed weekly pursuant an electronic bidding system referred to as the Clarity BidRate Alternative Trading System. The holders of the notes have the option to tender their notes weekly, and upon a tender if the remarketing of the tendered note is unsuccessful, the note will be purchased by the State pursuant to a self-liquidity agreement and become a contracted note. There were no contracted notes during Fiscal Year 2023.

The face value of the demand notes are reported as part of General Obligation Bonds and Notes in the Statements of Net Position and bear interest at rates determined and reset every seven days and computed on the basis of a 365/366 day year for the actual number of days elapsed and payable monthly on the first business day of the month. Principal outstanding at year end totaled \$53.8 million.

Floating Rate Notes

In July 2022, the State issued \$134.8 million of General Obligation Floating Rate Notes ("2022 Series A Notes") used for the acquisition, construction, development, extension, enlargement or improvement of land, water, property, highways, buildings, equipment of facilities for public purposes. The interest rates associated with these notes are variable rate with interest payable

monthly beginning August 1, 2022. The notes mature May 1, 2023 and May 1, 2025.

The face value of the floating rate notes are reported as part of General Obligation Bonds and Notes in the Statements of Net Position and bear interest at rates determined and reset every seven days and computed on the basis of a 365/366 day year for the actual number of days elapsed and payable monthly on the first business day of the month. Principal outstanding as of June 30, 2023 totaled \$122.6 million.

As of June 30, 2023, general obligation demand and floating rate note debt service requirements for principal and interest for governmental activities and business-type activities are as follows (in thousands):

Fiscal Year Ended June 30	Governmental Activities		Business-Type Activities	
	Principal	Interest	Principal	Interest
2024	\$ 10,355	\$ 6,087	\$ 2,440	\$ 2,196
2025	88,893	5,570	20,947	2,074
2026	—	1,125	—	1,027
2027	—	1,125	—	1,027
2028	—	1,125	—	1,027
2029 - 2033	—	5,626	—	5,134
2034 - 2038	28,130	5,078	25,670	4,942
Total	\$ 127,378	\$ 25,737	\$ 49,057	\$ 17,427

Though the actual interest rate paid by the state for the demand notes will fluctuate as described above, the stated future interest payments in the preceding schedule above are based on an assumed 4.00% fixed annual rate, and not the 4.10% rate that was the actual reset rate in effect at June 30, 2023.

c. Annual Appropriation Bonds

2003 Annual Appropriation Bonds

In December 2003, the State issued \$1.8 billion of General Fund Annual Appropriation Bonds consisting of Series A (Taxable Fixed Rate) ("2003 Series A Bonds") and Series B (Taxable Auction Rate Certificates) ("2003 Series B Bonds"). These appropriation obligations were authorized by Wisconsin Statutes to obtain proceeds to pay the State's anticipated unfunded accrued prior service (pension) liability under Wis. Stat. Section 40.05(2)(b) and its unfunded accrued liability for sick leave conversion credits under Wis. Stat. Section 40.05(4)(b), (bc), and (bw) and Subchapter IX of Chapter 40.

In April 2008, the State issued \$498.1 million of General Fund Annual Appropriation Refunding Bonds (Taxable Fixed Rate) ("2008 Series A Bonds") and \$300.0 million of General Fund Annual Appropriation Refunding Bonds (Taxable Floating Rate Notes) ("2008 Series B Bonds"), to refund certain maturities of the 2003 Series A Bonds.

In June 2008, the State issued \$209.0 million of General Fund Annual Appropriation Refunding Bonds (Taxable Floating Rate Notes) ("2008 Series C Bonds") to refund certain maturities of the 2003 Series A Bonds.

In November 2012, the State issued \$251.6 million of General Fund Annual Appropriation Refunding Bonds (Taxable) ("2012 Series A Bonds") to refund certain maturities of the 2003 Series A Bonds.

In August 2016, the State issued \$400.1 million of General Fund Annual Appropriation Refunding Bonds (Taxable) ("2016 Series A Bonds") to refund the May 2018 maturities of the 2008 Series A Bonds.

In February 2020, the State issued \$623.3 million of General Fund Annual Appropriation Refunding Bonds (Taxable) ("2020 Series A Bonds") to refund the 2008 Series B Bonds and 2008 Series C Bonds, and make termination payments on the interest rate exchange agreements, or swap agreements relating to the 2008 Series B Bonds and 2008 Series C Bonds.

In March 2021, the State issued \$118.7 million of General Fund Annual Appropriation Refunding Bonds (Taxable) ("2021 Series A Bonds") to refund the 2012 Series A Bonds.

These appropriation obligations are not general obligations of the State, and do not constitute "public debt" of the State as that term is used in the Constitution and in the State Statutes. The payment of the principal of, and premium, if any, and interest on the obligations is subject to annual appropriation; that is, payments due in any fiscal year of the State will be made only to the extent sufficient amounts are appropriated by the Legislature. The State is not legally obligated to appropriate any amounts for payment of debt service. The Legislature, recognizing its moral obligation to make timely appropriations from the General Fund sufficient to pay debt service on such obligations, expresses in Wis. Stat. Section 16.527(10) its expectation and aspiration that it will do so. The Legislature's recognition of a moral obligation, however, does not create a legally enforceable obligation.

The 2003 Series A Bonds in the outstanding principal amount of \$303.0 million, bear interest at a rate of 5.70 percent computed on the basis of a 30-day month and a 360-day year, payable semiannually on each May 1 and November 1 until their maturity dates.

The 2016 Series A Bonds in the outstanding principal amount of \$133.3 million, bear interest at rates from 2.18 percent to 2.48 percent computed on the basis of a 30-day month and a 360-day year, payable semiannually on each May 1 and November 1 until their maturity dates.

The 2020 Series A Bonds in the outstanding principal amount of \$543.1 million, bear interest at rates from 1.80 percent to 2.50 percent computed on the basis of a 30-day month and a 360-day year, payable semiannually on May 1 and November 1 until their maturity dates.

The 2021 Series A Bonds in the outstanding principal amount of \$116.9 million, bear interest at rates from 0.43 percent to 1.64 percent computed on the basis of a 30-day month and a 360-day year, payable semiannually on May 1 and November 1 until their maturity dates.

As of June 30, 2023, the debt service requirements for principal and interest on these bonds are as follows (in millions):

Fiscal Year Ended June 30	Principal	Interest
2024	\$ 162.8	\$ 34.3
2025	177.9	27.7
2026	195.6	20.1
2027	145.7	12.1
2028	89.3	9.0
2029 - 2032	325.2	16.7
	<u>1,096.3</u>	<u>119.9</u>
Unamortized Prem./Discount	(0.2)	
Total, net	\$ 1,096.2	\$ 119.9

2009 Annual Appropriation Bonds

In April 2009, the State issued \$1.5 billion of General Fund Annual Appropriation Bonds (“2009 Series A Bonds”). These appropriation obligations were authorized by Wisconsin Statutes for the purpose of purchasing the tobacco settlement revenues that had been sold by the Secretary of Administration to the Badger Tobacco Asset Securitization Corporation pursuant to Wis. Stat. Section 16.63.

In August 2016, the State issued \$200.5 million of General Fund Annual Appropriation Refunding Bonds (Taxable) (“2016 Series B Bonds”) to refund certain maturities of the 2009 Series A Bonds.

In January 2017, the State issued \$427.8 million of General Fund Annual Appropriation Refunding Bonds (Federally Taxable) (“2017 Series A Bonds”) and \$102.1 million of General Fund Annual Appropriation Refunding Bonds (Federally Tax-Exempt) (“2017 Series B Bonds”), to refund certain maturities of the 2009 Series A bonds.

In May 2017, the State issued \$402.1 million of General Fund Annual Appropriation Refunding Bonds (Taxable) (“2017 Series C Bonds”) to refund certain maturities of the 2009 Series A bonds.

In January 2019, the State issued \$360.0 million of General Fund Annual Appropriation Refunding Bonds (Forward Delivery) (“2019 Series A Bonds”) to refund certain maturities of the 2009 Series A bonds.

In February 2023, the State issued \$383.8 million of General Fund Annual Appropriation Refunding Bonds (Taxable) (“2023 Series A Bonds”) to refund certain maturities of the 2017 Series B Bonds and 2019 Series A Bonds.

These appropriation obligations are not general obligations of the State, and do not constitute “public debt” of the State as that term is used in the Constitution and in the State Statutes. The payment of the principal of, and premium, if any, and interest on the obligations is subject to annual appropriation; that is, payments due in any fiscal year of the State will be made only to the extent sufficient amounts are appropriated by the Legislature. The State is not legally obligated to appropriate any amounts for payment of debt service. The Legislature, recognizing its moral obligation to make timely appropriations from the General Fund sufficient to pay debt service on such obligations, expresses in Wis. Stat. Section 16.527(10) its expectation and aspiration that it will do so. The Legislature’s recognition of a moral obligation, however, does not create a legally enforceable obligation.

The 2016 Series B Bonds in the outstanding principal amount of \$189.7 million bear interest rates from 2.18 percent to 3.29 percent computed on the basis of a 30-day month and a 360-day year, payable semiannually on each May 1 and November 1, until their maturity dates.

The 2017 Series A Bonds in the outstanding principal amount of \$413.1 million bear interest rates from 2.88 percent to 3.95 percent computed on the basis of a 30-day month and a 360-day year, payable semiannually on each May 1 and November 1, until their maturity dates.

The 2017 Series B Bonds in the outstanding principal amount of \$101.8 million bear interest rates at 5.00 percent computed on the basis of a 30-day month and a 360-day year, payable semiannually on each May 1 and November 1, until their maturity dates. While these bonds have been refunded, they are not considered defeased for GAAP purposes.

The 2017 Series C Bonds in the outstanding principal amount of \$386.1 million bear interest rates from 2.71 percent to 3.15 percent computed on the basis of a 30-day month and a 360-day year, payable semiannually on each May 1 and November 1, until their maturity dates.

The 2019 Series A Bonds in the outstanding principal amount of \$280.0 million bear interest rates at 5.00 percent computed on the basis of a 30-day month and a 360-day year, payable semiannually on each May 1 and November 1, until their maturity dates. While these bonds have been refunded, they are not considered defeased for GAAP purposes.

The 2023 Series A Bonds in the outstanding principal amount of \$383.8 million bear interest rates from 4.33 percent to 4.87 percent computed on the basis of a 30-day month and a 360-day year, payable semiannually on each May 1 and November 1, until their maturity dates.

As of June 30, 2023, the debt service requirements for principal and interest on these bonds are as follows (in millions):

Fiscal Year Ended June 30	Principal	Interest
2024	\$ 85.8	\$ 73.9
2025	97.1	66.5
2026	194.8	62.1
2027	588.8	52.9
2028	70.4	30.9
2029 - 2033	151.6	122.6
2034 - 2037	566.0	53.6
	<u>1,754.4</u>	<u>462.6</u>
Unamortized Premium/Discount	37.4	
Total	\$ 1,791.8	\$ 462.6

D. Revenue Bonds

Chapter 18, Wisconsin Statutes, authorizes the State to issue revenue obligations secured by a pledge of revenues or property derived from the operation of a program funded by the issuance of these obligations. The resulting bond obligations are not general obligations of the State.

Transportation Revenue Bonds

Transportation Revenue Bonds are issued to finance part of the costs of certain transportation facilities and major highway projects. Chapter 18, Subchapter II of the Wisconsin Statutes as amended, Wis. Stat. Sec. 84.59 and a general bond resolution and series resolutions authorize the issuance of these bonds.

The Department of Transportation is authorized to issue a total of \$4.3 billion of revenue bonds. Presently, there are twelve issues of Transportation Revenue Bonds outstanding totaling \$1.7 billion. Debt service payments are secured by driver and vehicle registration fees and the program resolution provides for a reserve fund, which if funded, will be used in the event that a deficiency exists in the redemption fund.

The Transportation Revenue Bonds issued and outstanding as of June 30, 2023 were as follows (in thousands):

Issue	Issue Date	Interest Rates	Maturity Through	Issued	Outstanding
2023 1	4/23	5.0	7/37	\$ 187,270	\$ 187,270
2023 A	4/23	5.0	7/43	142,510	142,510
2021 1	8/21	0.6 - 2.3	7/37	143,180	120,870
2021 A	3/21	3.0 - 5.0	7/41	148,490	148,490
2020 1	7/20	0.3 - 1.9	7/34	315,840	294,610
2019 A	4/19	5.0	7/39	155,950	87,820
2017 2	12/17	5.0	7/32	368,595	289,285
2017 1	5/17	5.0	7/37	284,520	166,800
2015 A	12/15	3.0 - 5.0	7/36	225,000	97,175
2015 1	4/15	5.0	7/29	207,240	80,075
2014 2	12/14	5.0	7/27	94,130	52,310
2013 1	3/13	4.0 - 5.0	7/31	259,680	15,255
Total				2,532,405	1,682,470
Unamortized Premium / Discount					184,770
Total				\$2,532,405	\$ 1,867,240

Environmental Improvement Fund Revenue Bonds

The Environmental Improvement Fund (the Fund) provides loans and grants to local municipalities to finance wastewater treatment planning and construction. The Fund is authorized to issue Clean Water Revenue Bonds and Environmental Improvement Fund Revenue Bonds up to an amount of \$2.6 billion in total.

Environmental Improvement Fund revenue bonds are payable only from revenues derived from 1) pledged loan amounts, 2) amounts in the Loan Fund, Reserve Fund (if any), and 3) all other pledged receipts.

The Environmental Improvement Fund has pledged future loan revenues, net of specified operating expenses, to repay outstanding revenue bonds. Proceeds from the bonds provided financing for loans to municipalities to construct or improve water and wastewater projects.

At June 30, 2023, there were six issues of Environmental Improvement Fund Revenue Bonds outstanding totaling \$365.6 million.

Bonds issued and outstanding for the Environmental Improvement Fund as of June 30, 2023 were as follows (in thousands):

Issue	Issue Date	Interest Rates	Maturity Through	Issued	Outstanding
2022-A	11/22	5.0	6/43	\$ 50,000	\$ 50,000
2021-A	9/21	4.0 to 5.0	6/40	100,000	95,650
2020-A	5/20	5.0	6/39	80,000	74,920
2018-A	9/18	5.0	6/26	92,080	44,705
2017-A	6/17	3.0 to 5.0	6/35	218,705	95,135
2015-A	12/15	3.0 to 5.0	6/30	43,380	5,185
				584,165	365,595
Unamortized Premium / Discount					49,448
Total				\$ 584,165	\$ 415,043

As of June 30, 2023, revenue bond debt service requirements for principal and interest for governmental activities and business-type activities are as follows (in thousands):

Fiscal Year Ended June 30	Governmental Activities		Business-Type Activities	
	Transportation Revenue Bonds		Environmental Improvement Fund Revenue Bonds	
	Principal	Interest	Principal	Interest
2024	\$ 137,645	\$ 61,321	\$ 33,675	\$ 17,695
2025	136,125	61,007	33,960	16,011
2026	131,090	56,218	33,595	14,313
2027	118,705	51,348	18,850	12,634
2028	133,265	45,687	18,135	11,691
2029 - 2033	586,255	140,266	99,525	44,377
2034 - 2038	317,595	50,742	101,990	19,016
2039 - 2043	110,900	12,737	25,865	2,461
2044	10,890	272		
	1,682,470	479,598	365,595	138,198
Unamortized Premium / Discount	184,770		49,448	
Total	\$ 1,867,240	\$ 479,598	\$ 415,043	\$ 138,198

E. Certificates of Participation

The State established a facility in 1992 that provides lease purchase financing for property and certain service items acquired by state agencies. This facility is the Third Amended and Restated Master Lease between the State acting by and through the Department of Administration and U.S. Bank National Association. Lease purchase obligations under the Master Lease are not general obligations of the State but are payable from appropriations of State agencies participating in the Master Lease Program, subject to annual appropriation. The interest component of each lease/purchase payment is subject to a separate determination.

Pursuant to the terms and conditions of this agreement, the trustee for the facility issues parity Master Lease certificates of participation that evidence proportionate interest of the owners thereof in lease payments. A common pool of collateral ratably secures all Master Lease certificates. Title in the property and service items purchased under the facility remains with the State and the State grants to the Trustee, for the benefit of all Master Lease certificate holders, a first security interest in the leased items.

The outstanding balance as of June 30, 2023 was as follows:

Balance Due	Average Life (Weighted Term)
\$66.2 Million	2.58 Years

At June 30, 2023, the following parity Master Lease certificates were outstanding (in thousands):

Issue	Issue Date	Interest Rates	Maturity Through	Issued	Outstanding
2023-A	5/23	5.0	3/29	\$ 19,285	\$ 18,774
2022-A	1/22	3.0 to 5.0	9/31	23,960	16,475
2021-A	2/21	3.0 to 5.0	3/29	31,375	25,640
				74,620	60,889
Unamortized Premium / Discount					5,263
Total				\$ 74,620	\$ 66,152

*see Revolving Credit Agreement

As of June 30, 2023, Master Lease certificate debt service requirements for principal and interest for governmental activities and business-type activities are as follows (in thousands):

Fiscal Year Ended June 30	Governmental Activities		Business-Type Activities	
	Principal	Interest	Principal	Interest
2024	\$ 10,768	\$ 1,968	\$ 1,508	\$ 343
2025	10,257	1,725	1,541	292
2026	10,297	1,273	1,561	228
2027	9,437	781	1,555	157
2028	7,010	348	1,040	85
2029-2033	4,575	105	1,339	106
	52,344	6,200	8,544	1,211
Unamortized Premium / Discount	4,359		905	
Total	\$ 56,703	\$ 6,200	\$ 9,449	\$ 1,211

Revolving Credit Agreement

Master Lease Certificates of Participation of 2013, Series A (Revolving Credit Agreement – Taxable) had a zero balance as of June 30, 2023. This Master Lease certificate evidences the State's obligation to repay advances under a Revolving Credit Agreement, dated September 1, 2013, as amended between U.S. Bank National Association (as trustee), the State of Wisconsin, acting by and through its Department of Administration, as lessee, and PNC Bank National Association. The scheduled termination date under the Revolving Credit Agreement, as amended, is September 1, 2024. This Master Lease certificate shall bear interest at the rates and mature on the dates provided for in the Revolving Credit Agreement. The balance of this Master Lease certificate may include some accrued interest that will be payable at the next semi-annual interest payment date.

The Third Amended and Restated Master Lease 1992-1 provides that certain lease schedules to the facility can be terminated if the State deposits with the Trustee an amount that is equal to the outstanding amount of the lease schedule, or in amounts that are sufficient to purchase investments that mature on dates and in amounts to make the lease payments when due. At June 30, 2023, the State has not deposited with the Trustee amounts, that when invested, will terminate lease schedules.

F. Refundings, Exchanges and Early Extinguishments

Refunding Provisions of GASB Statement No. 23

The State implemented the provisions of GASB Statement No. 23, *Accounting and Financial Reporting for Refunding of Debt Reported by Proprietary Activities* beginning with Fiscal Year 1996. This Statement requires proprietary activities to adopt certain accounting and reporting changes for both current refunding and advance refunding resulting in defeasance of debt. GASB Statement No. 23 permits, but does not require, retroactive application of its provisions. The State has chosen not to apply the provisions retroactively to previously issued financial statements.

Current Fiscal Year Refundings/General Obligation Bonds

In October 2022, the State issued \$54.1 million of General Obligation Refunding Bonds ("2022 Series 3 Bonds"), the proceeds of \$55.4 million were deposited in the bond security and redemption fund to provide for the redemption of the November 1, 2023 maturity of the 2014 Series 3 Bonds. The refunding resulted in a decrease in total debt service payments by \$1.2 million and an economic gain of \$1.2 million.

In November 2022, the State issued \$257.1 million of General Obligation Refunding Bonds ("2022 Series 4 Bonds"), of which \$85.9 million is allocable to the refunding and the remaining \$171.1 million is allocable to the funding of general obligation bonds. The proceeds of \$96.6 million were deposited into the bond security and redemption fund for the purchase of \$112.5 million of various general obligation bonds for which the purchase was paid from the bond security and redemption fund are considered defeased and the associated liability removed from the financial statements. The refunding resulted in a decrease in total debt service payments by \$13.6 million and an economic gain of \$9.0 million.

In November 2022, the State issued \$20.6 million of General Obligation Refunding Bonds ("2022 Series 5 Bonds"), the proceeds of \$20.5 million were deposited in an escrow account to provide for future debt service payments and redemption of \$20.4 million of various general obligation bonds outstanding at the time of the funding. As a result of the funding, the \$20.4 million of various general obligation bonds for which future debt service payments and redemption are paid from the escrow account are considered defeased and the associated liability removed from the financial statements.

In January 2023, the State issued \$125.8 million of General Obligation Refunding Bonds ("2023 Series 1 Bonds"), the proceeds of \$135.4 million were deposited into the bond security and redemption fund for the redemption of \$135.4 million of various general obligation bonds for which the redemption was paid from the bond security and redemption fund are considered defeased and the associated liability removed from the financial statements. The refunding resulted in a decrease in total debt service payments by \$9.4 million and an economic gain of \$8.7 million.

In May 2023, the State issued \$495.4 million of General Obligation Refunding Bonds ("2023 Series 2 Bonds"), the proceeds of \$579.3

million were deposited into the bond security and redemption fund for the purchase and redemption of \$547.1 million of various general obligation bonds for which the redemption was paid from the bond security and redemption fund and the redeemed bonds are considered defeased and the associated liability removed from the financial statements. The refunding resulted in a decrease in total debt service payments by \$67.2 million and an economic gain of \$50.0 million.

Prior Year Refundings/General Obligation Bonds

Government Accounting Standards Board Statement No. 7, *Advance Refundings Resulting in Defeasance of Debt*, provides that refunded debt and assets placed in escrow for the payment of related debt service be excluded from the financial statements. At June 30, 2023, \$639.6 million of general obligation bond principal has been defeased.

Current Fiscal Year Refundings/Annual Appropriation Bonds

In February 2023, the State issued \$383.8 million of General Fund Annual Appropriation Refunding Bonds (Taxable) ("2023 Series A Bonds") to refund certain maturities of the 2017 Series B Bonds and 2019 Series A Bonds. The proceeds of \$381.7 million were deposited into an escrow to provide for future principal redemptions of \$101.8 million of the 2017 Series B Bonds and \$279.9 million of the 2019 Series A Bonds. While these bonds have been refunded, they are not considered defeased for GAAP purposes. The refunding resulted in an increase in total debt service payments by \$96.8 million and an economic loss of \$76.4 million.

Current Fiscal Year Refundings/Revenue Bonds

In April 2023, the State issued \$187.3 million of Transportation Revenue Refunding Bonds ("2023 Series 1 Bonds"), the proceeds of \$219.6 million were deposited into the debt service account for the purchase and redemption of \$212.6 million of various Transportation revenue bonds for which the redemption was paid from the debt service account and the redeemed bonds considered defeased and the associated liability removed from the financial statements. The refunding resulted in a decrease in total debt service payments by \$23.7 million and an economic gain of \$19.0 million.

Prior Year Refundings/Revenue Bonds

For financial reporting purposes, the following primary government revenue bonds have been defeased, and therefore, removed as a liability from the balance sheet:

- Environmental Improvement Fund Revenue Bonds – At June 30, 2023, revenue bonds outstanding of \$182.3 million have been defeased.
- Transportation Revenue Bonds – At June 30, 2023, revenue bonds outstanding of \$319.1 million have been defeased.

G. Short-term Financing

The State of Wisconsin Building Commission, an agency of the State, is empowered by law to consider, authorize, issue, and sell debt obligations of the State. To date, the Commission has authorized the issuance of notes. When this short-term debt does not meet long-term financing criteria, it is classified among fund liabilities.

General Obligation Extendible Municipal Commercial Paper

The State has authorized General Obligation extendible municipal commercial paper for the acquisition, construction, development, extension, enlargement, or improvement of land, waters, property, highway, buildings, equipment or facilities. Periodically, additional extendible municipal commercial papers are issued to pay for maturing extendible municipal commercial paper. The State intends to make annual May 1 payments on the outstanding commercial paper notes that reflect principal amortization of the paper. The State also intends to make regular payments to the issuing and paying agent that will be used to pay the interest due on the maturing notes. At June 30, 2023, the amount of extendible municipal commercial paper outstanding was \$189.7 million which had interest rates ranging from 3.35 percent to 3.58 percent and maturities from July 5, 2023, to August 3, 2023.

Short-term debt activity for the year ended June 30, 2023 for general obligation extendible municipal commercial paper was as follows (in millions):

	Balance July 1, 2022	Additions	Reductions	Balance June 30, 2023
\$	73.4	138.9	\$ 22.6	\$ 189.7

H. Arbitrage Rebate

The Tax Reform Act of 1986 requires that governmental entities issuing tax-exempt debt subsequent to August 1986, calculate and rebate arbitrage earnings to the federal government. Specifically, the excess of the aggregated amount earned on investments purchased with bond proceeds over the amount that would have been earned if the proceeds were invested at a rate equal to the bond yield, is to be rebated to the federal government. As of June 30, 2023, a liability for arbitrage rebate did not exist.

I. Moral Obligation Debt

Through legislation enacted in 1999, the State authorized the creation of local districts. One district, the Wisconsin Center District, is currently authorized to issue bonds for specific purposes, and if the State determines that certain conditions are satisfied, the State may have a moral obligation to appropriate moneys to make up deficiencies in the district's special debt service reserve fund. To date, the Wisconsin Center District has the authority for up to \$300.0 million in bonds for this purpose, plus refunding bonds.

The Wisconsin Center District has one outstanding series of bonds in the outstanding balance of \$300.0 million and two outstanding refunding series with an outstanding balance of \$106.2 million that are subject to the moral obligation pledge to appropriate moneys to make up deficiencies in the debt service reserve funds.

Through legislation enacted in 1999, the State authorized the issuance of up to \$170.0 million principal amount of bonds to finance the development or redevelopment of sites and facilities to be used for public schools. If certain conditions are satisfied, and if a special debt service reserve fund is created for the bonds, the State will provide a moral obligation pledge, which would restore the special debt reserve fund established for the bonds to an amount not to exceed the maximum annual debt service on the bonds. One bond issue with an outstanding balance of \$9.9 million has been issued that have a special debt service reserve fund secured by the State's moral obligation.

Through legislation enacted in 2017, subject to the Secretary of Administration's designation and determination of certain conditions being met, the State may provide a moral obligation pledge for up to 40% of a local governmental unit's aggregate municipal obligations issued to finance costs related to development occurring in, or for the benefit of, the electronics and information technology manufacturing zone. To date, one series of the Village of Mount Pleasant Tax Increment Revenue Bonds were issued (in 2018) with an outstanding balance of \$120.0 million that is subject to the moral obligation.

**NOTE 12. LEASE COMMITMENTS,
SUBSCRIPTION-BASED INFORMATION
TECHNOLOGY ARRANGEMENTS AND
INSTALLMENT PURCHASES**

The State leases office buildings, space, and equipment under a variety of agreements that vary in lease term, many of which are subject to appropriation from the State Legislature to continue the lease commitment. If such funding, i.e., through legislative appropriation, is judged to be assured, and the likelihood of cancellation through exercise of the fiscal funding clause is remote, leases are considered non-cancelable. Lease payments are generally fixed monthly or annually.

Additionally, the State obtains the right to use vendors' information technology software through various long-term contracts. Payments are generally fixed monthly or annually with certain variable payments not included in the measurement of the lease liability required based on their nature.

The State also leases land, facility space, and equipment to various third parties as the lessor. The University of Wisconsin System recognized revenue related to these leases totaling \$4.9 million during FY 2023.

The University of Wisconsin System leases certain assets that are subsequently subleased to a third party. The non-cancelable terms of these leasing arrangements mature between 2023 and 2036. The discount rates applicable to these leasing arrangements range from 0.53% to 1.81%.

The State does not currently report any sale-leaseback or lease-leaseback transactions under GASB 87 as of June 30, 2023.

The State does not currently report any contracts with residual value guarantees, termination penalties, commitments prior to the commencement of the lease, or impairment under GASB 87 or GASB 96 as of June 30, 2023.

A. GASB 87 Leases

GASB Statement No. 87, *Leases*, became effective for the reporting period ending June 30, 2022. With certain exceptions, under GASB 87 all leases are considered finance leases and are reported accordingly. The concept is that leases represent a means to finance the right to use an underlying asset. Lease commitments in the government-wide and proprietary fund statements are reported as liabilities at lease inception. The related assets along with the amortization are also reported at that time as right-to-use assets. Right-to-use assets at inception are recorded at the present value of total lease payments as shown in Note 7. These payments are discounted at the State's incremental borrowing rate. Lease payments are reported as a reduction of the liability.

For lessor transactions, the State records lease receivables and deferred inflows of resources based on the present value of expected receipts over the lease term. The expected receipts are recorded at the present value of total lease payments using the State's incremental borrowing rate.

Primary Government

For leases in governmental funds, "Other Financing Sources - Lease Acquisitions" and expenditures are recorded at lease inception. Lease payments are recorded as expenditures.

The following is an analysis of future principal and interest payment requirements related to the State's lease liability as of June 30, 2023 (in thousands):

Fiscal Year	Governmental Activities	
	Principal	Interest
2024	\$ 29,630	\$ 6,343
2025	29,958	5,843
2026	29,605	5,330
2027	28,589	4,812
2028	28,773	4,290
2029-2033	118,074	14,080
2034-2028	63,731	4,640
2039-2043	9,936	581
2044-2048	1,291	118
Total	\$ 339,587	\$ 46,037

Fiscal Year	Business-type Activities	
	Principal	Interest
2024	\$ 22,932	\$ 4,672
2025	19,733	4,331
2026	18,492	4,011
2027	16,921	3,699
2028	15,713	3,397
2029-2033	67,909	12,939
2034-2028	50,226	7,238
2039-2043	35,213	3,396
2044-2048	16,930	410
Thereafter	3	—
Total	\$ 264,072	\$ 44,093

**B. GASB 96 Subscription-Based Information
Technology Arrangements (SBITAs)**

GASB Statement No. 96, *Subscription-Based Information Technology Arrangements*, became effective for the reporting period ending June 30, 2023. A SBITA is a contract that conveys control of the right to use another party's IT software, alone or in combination with tangible capital assets, as specified in the contract for a period of time in an exchange or exchange-like transaction. The standards for SBITAs are based on the standards established for leases in GASB 87. Like leases, SBITA commitments in the government-wide and proprietary fund statements are reported as liabilities at inception. The related assets along with the amortization are also reported at that time as right-to-use assets. Right-to-use assets at inception are recorded at the present value of total SBITA payments as shown in Note 7.

These payments are discounted at the State's incremental borrowing rate. SBITA payments are reported as a reduction of the liability.

The following is an analysis of future principal and interest payment requirements related to the State's SBITA liability as of June 30, 2023 (in thousands):

Fiscal Year	Governmental Activities	
	Principal	Interest
2024	\$ 32,817	\$ 1,414
2025	27,279	701
2026	6,363	245
2027	3,571	112
2028	1,868	37
2029-2033	591	4
Total	\$ 72,489	\$ 2,513

Fiscal Year	Business- type Activities	
	Principal	Interest
2024	\$ 16,745	\$ 445
2025	9,016	236
2026	4,673	91
2027	1,233	22
2028	48	1
Total	\$ 31,715	\$ 795

NOTE 13. POLLUTION REMEDIATION AND ASSET RETIREMENT OBLIGATIONS

Pollution Remediation Obligations

Governmental Accounting Standards Board (GASB) Statement No. 49, *Accounting and Financial Reporting for Pollution Remediation Obligations*, establishes accounting and financial reporting standards for pollution remediation obligations. These are obligations to address the current or potential detrimental effects of existing pollution by participating in pollution remediation activities such as site assessments and cleanups. The scope of the standard excludes pollution prevention or control obligations with respect to current operations, and future pollution remediation obligations that are required upon retirement of an asset, such as landfill closure and post closure care and nuclear power plant decommissioning.

Measurement of Obligations

GASB Statement No. 49 requires the State to calculate pollution remediation obligations using the expected cash flow technique. These estimates are subject to change over time. Costs may vary due to price fluctuations, changes in technology, changes in potential responsible parties, results of environmental studies, changes to statutes or regulations and other factors. Recoveries from other responsible parties may reduce the State's obligation. In accordance with the standard, if the State cannot reasonably estimate a pollution remediation obligation, it does not report a liability. Under specific circumstances capital assets may be created when pollution remediation is performed.

During the fiscal year, the State expended \$0.2 million to clean up sites. Estimates of existing pollution remediation liabilities also increased by \$0.2 million. In total, the beginning liability of \$0.2 million remained unchanged during FY 2023. There were no recoveries received from other responsible parties during the fiscal year and none are expected for the identified obligations.

Identified Remediation Obligations

Pollution remediation liabilities are updated annually and are based on engineering studies and the judgment of agency officials. The following table shows liabilities included in the Statement of Net Position as of June 30, 2023 (in millions):

Nature and Source of Pollution	Estimated Liability	Estimated Recovery
Contract agreement with EPA to clean up Superfund site for former wood treatment facility	\$ 0.2	\$ —
Voluntary commencement by the State to clean up heavy metal contamination of canal near former industrial site	—	—
Total estimated obligations	\$ 0.2	\$ —

In addition to the liability reported in the table above, the State expects to incur estimated costs of \$10,000 per year indefinitely to pump and treat contamination at a former chrome plating facility. The State also expects to incur estimated costs of \$70,000 per year indefinitely to operate and maintain a closed landfill. Both are Superfund sites and estimated total remediation costs for them cannot be reasonably determined. Therefore, a liability has not been reported in the Statement of Net Position for either site.

Asset Retirement Obligations

GASB Statement No. 83, *Certain Asset Retirement Obligations* (GASB 83), establishes criteria for determining the timing and pattern of recognition of a liability and a corresponding deferred outflow of resources for asset retirement obligations. In accordance with the statement, the University of Wisconsin System has recognized asset retirement obligations of \$13.6 million as of June 30, 2023, related to decommissioning costs for a nuclear research reactor. This obligation was recognized based on the best estimate of the current value of outlays expected to be incurred. The corresponding deferred outflow of resources is amortized over the estimated remaining useful life of the associated tangible capital asset coinciding with a licensure period through the year 2031. The University of Wisconsin System has issued a statement to the U.S. Nuclear Regulatory Commission of intent to obtain funds necessary for decommissioning, when necessary. No restricted assets are set aside for payment of the asset retirement obligations.

NOTE 14. RETIREMENT PLAN

The Wisconsin Retirement System (WRS) was established and is administered by the State of Wisconsin to provide pension benefits for State and local government public employees. The WRS consists of the Core Retirement Investment Trust, the Variable Retirement Investment Trust, and the Police and Firefighters Trust. Although separated for accounting purposes, the assets of these trust funds can be used to pay benefits for any member of the WRS, and are reported as one pension plan.

The WRS is considered part of the State of Wisconsin's financial reporting entity. Copies of the separately issued financial report that includes audited financial statements and required supplementary information for the year ending December 31, 2022, is available at www.etf.wi.gov.

Plan Description

The WRS, governed by Chapter 40 of the Wisconsin Statutes, is a cost-sharing multiple-employer defined benefit pension plan administered by the Department of Employee Trust Funds. Benefit terms may only be modified by the Legislature. It provides coverage to all eligible State of Wisconsin, local government and other public employees. All employees, initially employed by a participating WRS employer prior to July 1, 2011, expected to work at least 600 hours a year (440 hours for teachers and school district educational support employees) and expected to be employed for at least one year from employee's date of hire are eligible to participate in the WRS. All employees, initially employed by a participating WRS employer on or after July 1, 2011, and expected to work at least 1200 hours a year (880 hours for teachers and school district educational support employees) and expected to be employed for at least one year from employee's date of hire are eligible to participate in the WRS. Note: Employees hired to work nine or ten months per year, (e.g. teachers contracts), but expected to return year after year are considered to have met the one-year requirement.

As of December 31, 2022, the number of participating employers was:

State Agencies	56
Cities	189
Counties	71
Villages	298
Towns	306
School Districts	421
Wisconsin Technical College System Board Districts	16
Cooperative Educational Service Agencies	12
Other	217
Total Employers	1,586

For employees beginning participation on or after January 1, 1990 and no longer actively employed on or after April 24, 1998, creditable service in each of five years is required for eligibility for a retirement annuity. Participants employed prior to 1990 and on or after April 24, 1998 and prior to July 1, 2011 are immediately vested. Participants who initially became WRS eligible on or after July 1, 2011 must have five years of creditable service to be vested. Employees who retire at or after age 65 (54 for protective occupation employees, 62 for elected officials and State executive

participants) are entitled to receive an unreduced retirement benefit. The factors influencing the benefit are: (1) final average earnings, (2) years of creditable service, and (3) a formula factor.

Final average earnings is the average of the participant's three highest years' earnings. Creditable service is the creditable current and prior service expressed in years or decimal equivalents of partial years for which a participant receives earnings and makes contributions as required. The formula factor is a standard percentage based on employment category.

Vested employees may retire at age 55 (50 for protective occupation employees) and receive reduced benefits. Employees terminating covered employment before becoming eligible for a retirement benefit may withdraw their contributions and forfeit all rights to any subsequent benefits, or may leave contributions on deposit and defer application until eligible to receive a retirement benefit. The WRS also provides death and disability benefits for employees.

The Employee Trust Funds Board may periodically adjust annuity payments from the WRS based on annual investment performance in accordance with s. 40.27, Wis. Stat. An increase (or decrease) in annuity payment may result when investment gains (losses), together with other actuarial experience factors, create a surplus (shortfall) in the reserves, as determined by the WRS' consulting actuary. Annuity increases are not based on cost of living or other similar factors. For Core Retirement Investment Trust annuities, decreases may be applied only to previously granted increases. By law, Core Retirement Investment Trust fund annuities cannot be reduced to an amount below the original, guaranteed amount set at retirement.

Accounting Policies and Plan Asset Matters

The financial statements of the WRS have been prepared in accordance with generally accepted accounting principles, using the flow of economic resources measurement focus and a full accrual basis of accounting. Under the accrual basis of accounting, revenues are recorded when earned and expenses are recorded at the time the liabilities are incurred. Plan member contributions are recognized in the period in which contributions are paid. Employer contributions to the plan are recognized in the accounting period in which the underlying earnings on which the contributions are based are paid and the employer has made a formal commitment to provide contributions. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan.

All assets of the WRS are invested by the State of Wisconsin Investment Board. The retirement fund assets consist of shares in the Variable Retirement Investment Trust and the Core Retirement Investment Trust. The Variable Retirement Investment Trust consists primarily of equity securities. The Core Retirement Investment Trust is a balanced investment fund made up of fixed income securities and equity securities. Shares in the Core Retirement Investment Trust are purchased as funds are made available from retirement contributions and investment income, and sold when funds for benefit payments and other expenses are needed.

The assets of the Core and Variable Retirement Investment Trusts are carried at fair value with all market value adjustments recognized in current operations. Investments are revalued monthly to current market value. The resulting valuation gains or losses are recognized as income, although revenue has not been realized through a market-place transaction.

The WRS does not have any investments (other than those issued or guaranteed by the U.S. Government) in any one organization that represent 5.0 percent or more of plan net position.

Contributions Required

Required contributions are determined by an annual actuarial valuation in accordance with Chapter 40 of the Wisconsin Statutes. The employee required contribution is one-half of the actuarially determined contribution rate for general category employees, including teachers, and executives and elected officials. In 2016, executives & elected officials' contributions rates were changed to match General. Required contributions for protective contributions are the same rate as general employees. Employers are required to contribute the remainder of the actuarially determined contribution rate. The employer may not pay the employee required contribution unless provided for by an existing collective bargaining agreement. Contribution rates as of June 30, 2023 are:

	Employee	Employer
General (including teachers)	6.80%	6.80%
Executives & Elected Officials	6.80%	6.80%
Protective with Social Security	6.80%	13.20%
Protective without Social Security	6.80%	18.10%

Employers are required to contribute an actuarially determined amount necessary to fund the remaining projected cost of future benefits.

State of Wisconsin Net Pension Asset/Liability, Pension Contributions, Pension Revenue/Expense, and Deferred Outflows and Inflows of Resources

At June 30, 2023 the State reported a net pension liability of \$1.52 billion for its proportionate share of the WRS' net pension liability. It is presented as a net pension liability on the Statement of Net Position for proprietary funds and on the government-wide Statement of Net Position.

The net pension liability was measured as of December 31, 2022, and the total pension liability was based on an actuarial valuation as of December 31, 2021. Update procedures were used to roll forward the total pension liability to the measurement date. No material changes in assumptions or benefit terms occurred between the actuarial valuation date and the measurement date.

The State's proportionate share of the net pension liability was determined based on the State's share of contributions to the WRS relative to the contributions of all participating employers. At December 31, 2022, the State's proportionate share was 28.7 percent, which is an increase of 0.2 percent from its proportionate share as of December 31, 2021.

For calendar year 2022, State employers made \$336.7 million in contributions recognized by the WRS.

For the year ended June 30, 2023, the State recognized pension expense of \$772.5 million. At June 30, 2023, the State reported deferred outflows and inflows of resources related to pensions of \$5.51 billion and \$3.19 billion, respectively. Deferred outflows and inflows related to pensions, including the types and the amounts

applicable to each type, can be found in table below (in thousands):

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences Between Expected and Actual Pension Experience	\$ 2,419,997	\$ (3,179,332)
Changes of Pension Assumptions	298,785	—
Net Difference Between Projected and Actual Earnings on Pension Investments	2,581,177	—
Changes in Proportionate Share	5,936	(11,374)
Pension Contributions Subsequent to the Measurement Date	203,351	—
Total	\$ 5,509,246	\$ (3,190,706)

The \$203.4 million in deferred outflows of resources resulting from contributions subsequent to the measurement date will be recognized as a decrease to the net pension liability or an increase to the net pension asset in the year ended June 30, 2024. Other amounts reported as deferred outflows and inflows of resources related to pensions will be recognized as pension expense as follows (in thousands):

Fiscal Year Ended June 30	Amount
2024	\$ 87,090
2025	437,477
2026	448,085
2027	1,142,537
2028	—
	<u>\$ 2,115,189</u>

A schedule presenting multi-year trend information of the State's proportionate share of the net pension liability or asset is presented as required supplementary information following the notes to the financial statements.

Actuarial Valuation

The pension measurements as of December 31, 2022 were based upon the following actuarial assumptions:

Actuarial Valuation Date	December 31, 2021
Measurement Date of Net Pension Liability (Asset)	December 31, 2022
Actuarial Cost Method	Entry Age Normal
Asset Valuation Method	Fair Value
Long-Term Expected Rate of Return	6.8%
Discount Rate	6.8%
Salary Increases	
Inflation	3.0%
Seniority/Merit	0.1% - 5.6%
Mortality	2020 WRS Experience Mortality Table
Post-retirement Adjustments*	1.7%

* No post-retirement adjustments are guaranteed. Actual adjustments are based on recognized investment return, actuarial experience, and other factors. The assumed annual adjustment is 1.7%, based on the investment return assumption and the post-retirement discount rate. This includes the impact of known Market Recognition Account deferred gains/losses on the liability for dividend payments.

Actuarial assumptions are based upon an experience study conducted in 2021 using experience from 2018-2020. The total pension liability for December 31, 2022 is based upon a roll-forward of the liability calculated from the December 31, 2021 actuarial valuation.

Long-Term Expected Return on Plan Assets

The long-term expected rate of return on WRS investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return, net of WRS investment expense and inflation, are developed for each major asset class. The 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. The long-term expected rate of return is reviewed every three years in conjunction with the WRS experience study. For each major asset class that is included in the Core Retirement Investment Trust fund's target asset allocation as of December 31, 2022, these best estimates of geometric long-term real rates of return were used:

Asset Class	Target Allocation	Rate of Return
Public Equities	48.0%	5.0%
Public Fixed Income	25.0	2.7
Inflation Sensitive	19.0	1.1
Real Estate	8.0	2.6
Private Equity/Debt	15.0	6.9

For each major asset class that is included in the Variable Retirement Investment Trust fund's target asset allocation as of

December 31, 2022, these best estimates of geometric long-term real rates of return were used:

Asset Class	Target Allocation	Rate of Return
Domestic Equity	70.0%	4.6%
International Equity	30.0	5.5

The money-weighted rates of return on pension plan investment for the Core and Variable funds for the calendar year ended 2022 were (12.94)% and (18.02)%, respectively. The money-weighted rate of return expresses investment performance, net of pension plan expenses, adjusted for the changing amount actually invested.

Discount Rate

A single discount rate of 6.8% was used to measure the total pension liability. The discount rate is based on the expected rate of return on pension plan investments. Because of the unique structure of the WRS, the 6.8% expected rate of return implies that a dividend of approximately 1.7% will always be paid. For purposes of the single discount rate, it was assumed that the dividend would always be paid. The projection of cash flows used to determine this single 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 (including expected dividends) 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.

The following presents the State's proportionate share of the net pension liability (asset), calculated using a single discount rate of 6.8%, as well as what the State's net pension liability (asset) would be if it were calculated using a single discount rate that is 1% lower or 1% higher:

	State's share of the net pension liability (asset)	
1% Decrease (5.8%)	\$	5,042,970,554
Current Rate (6.8%)	\$	1,519,439,625
1% Increase (7.8%)	\$	(904,447,488)

NOTE 15. MILWAUKEE RETIREMENT SYSTEM

The Milwaukee Retirement System (MRS) is reported as an Investment Trust Fund. MRS participants provide assets to the State of Wisconsin, Department of Employee Trust Funds (DETF) for investing in the Core Retirement Investment Trust Fund (Core Fund) and the Variable Retirement Investment Trust Fund (Variable Fund) of the Wisconsin Retirement System. Participation of the MRS in the Core Fund and Variable Fund is described in the DETF Administrative Code, Chapter 10.12. The State of Wisconsin Investment Board (SWIB) manages the Core Fund and Variable Fund with oversight by a Board of Trustees as authorized in Wis. Stat. 25.14 and 25.17. The SWIB is not registered with the Securities and Exchange Commission as an investment company.

The investments of the Core Fund and Variable Fund consist of a highly diversified portfolio of securities. Wis. Stat. 25.17(3)(a) allows investments in loans, securities and any other investments as authorized by Wis. Stat. 620.22. Permitted classes of investments include bonds of governmental units or of private corporations, loans secured by mortgages, preferred or common stock, real property and other investments not specifically prohibited by statute.

Investments are revalued monthly to fair value, with unrealized gains and losses reflected in income.

Monthly, the DETF distributes a pro-rata share of the total Core Fund and Variable Fund earnings less administrative expenses to the MRS accounts. The MRS accounts are adjusted to fair value and gains/losses are recorded directly in the accounts per DETF Administrative Code, Chapter 10.12(2). Neither State statute, a legal provision nor a legally binding guarantee exists to support the value of shares.

Copies of the separately issued financial report that includes audited financial statements along with the accompanying footnote disclosures and supplementary information for the Core Fund and the Variable Fund is available at www.swib.state.wi.us or may be obtained upon request from:

State of Wisconsin Investment Board
P.O. Box 7842
Madison, Wisconsin 53707-7842

NOTE 16. OTHER POSTEMPLOYMENT BENEFIT (OPEB) PROGRAMS

Governmental Accounting Standards Board (GASB) Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions* establishes standards for recognizing and measuring liabilities, deferred outflows of resources, deferred inflows of resources, and expense/expenditures in financial reports of state and local governmental employers. GASB statement 74, *Financial Reporting for Postemployment Benefit Plans Other than Pension Plans*, establishes reporting standards for other postemployment benefits included in the general purpose external financial reports of state and local governmental OPEB plans.

Under Chapter 40 of Wisconsin Statutes, the Department of Employee Trust Funds (ETF) and Group Insurance Board (GIB) have statutory authority for program administration and oversight of post-employment benefits. ETF administers postemployment benefit plans other than pension plans for the Retiree Health Insurance and Retiree Life Insurance plans, along with the Supplemental Health Insurance Conversion Credit Program (for retired state employees). ETF also administers the Local Retiree Health Insurance and the Local Retiree Life Insurance plans (for retired local government employees). The plans are reported as fiduciary funds in the State's ACFR.

ETF's separately issued financial statements contain further information. ETF's report may be obtained at www.etf.wi.gov and on request from:

The Department of Employee Trust Funds
PO Box 7931
Madison, Wisconsin 53707-7931

Basis of Accounting

The OPEB plans are reported in accordance with GASB standards and accounted for using the flow of economic resources measurement focus and the accrual basis of accounting. The OPEB liability, deferred outflows of resources and deferred inflows of resources, OPEB expense/(revenue), and fiduciary net position, if any, have been determined on the same basis. Benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments, if any, are reported at fair value.

Retiree Health Insurance Funds

The Retiree Health Insurance plans offer group health insurance to retired State of Wisconsin and local government employees. Retirees pay the full premium amount. The State Retiree Health Insurance Fund includes the State, the University of Wisconsin, and other component units of the State. The Local Retiree Health Insurance Fund includes 408 local government employers. The plans are not administered through a trust. The Retiree Health Insurance Funds contain certain non-OPEB components relating to post-Medicare pharmacy and health insurance benefits. ETF and the GIB have statutory authority for program administration and oversight under Wisconsin Statutes Chapters 15.165 (2) and 40.03 (6).

State of Wisconsin and local government employees participating in the State Health Insurance Plan or the Wisconsin Public Employers Insurance Plan (local government plans) are eligible to continue their health insurance coverage after leaving covered employment. Membership as of December 31, 2022, included

29,227 former state employees or their beneficiaries and 2,004 former local government employees and beneficiaries.

Retirees may choose between several health plans with specific provider networks (i.e., Health Maintenance Organizations (HMO's), Preferred Provider Organizations (PPO's) or Medicare Advantage). The health plans must follow GIB guidelines for eligibility and program requirements. All health plans offer a prescribed benefit package called Uniform Benefits and participate in a yearly competitive premium rate bid process.

The pharmacy benefit is self-insured by the GIB and administered by Navitus Health Solutions. The dental benefit is self-insured by the GIB and administered by Delta Dental.

Effective January 1, 2012, prescription drug coverage for Medicare eligible retirees enrolled in the State group health insurance program is provided by a self-funded Medicare Part D Employer Group Waiver Plan (EGWP). A Medicare "Wrap" product is also included to provide full coverage to members, as required by Uniform Benefits, when they reach the Medicare coverage gap, also known as the "donut hole."

Retiree Life Insurance Funds

The State Retiree Life Insurance Fund includes the State, the University of Wisconsin, and other component units of the State, and is considered a single-employer defined benefit OPEB plan. The Local Government Retiree Life Insurance Fund included 732 local government employers as of December 31, 2022, and is considered a cost-sharing multiple-employer defined benefit OPEB plan. The plans are administered through a trust.

The plans provide post-employment life insurance coverage to all eligible employees of participating employers. The plans are established by Wisconsin Statutes Chapter 40.70. ETF contracts with Securian Financial Group, Inc (Securian) as a third party administrator for the Retiree Life Insurance plans. Benefit terms may be modified by the GIB, subject to state and federal legislative constraints.

Generally, members may enroll during a 30-day enrollment period after their date of hire. Members may also enroll after the initial 30-day enrollment period with evidence of insurability. Members under evidence of insurability enrollment must enroll in group life insurance coverage before age 55 to be eligible for Basic or Supplemental coverage.

Contributions

The GIB approves contribution rates annually, based on recommendations from the insurance carrier. Recommended rates are based on an annual valuation, taking into consideration an estimate of the present value of future benefits and the present value of future contributions. A portion of employer contributions made during a member's working lifetime funds a post-retirement benefit.

Employers are required to pay the following contributions for active members to provide them with basic coverage after age 65. There are no employer contributions for pre-65 annuitant coverage. All contributions are actuarially determined.

Coverage Type	State	Local
50% post retirement coverage	28% of employee contribution	40% of employee contribution
25% post retirement coverage	N/A	20% of employee contribution

Employee contributions are based upon nine age bands through age 69 and an additional eight age bands for those age 70 and over. Participating employees must pay monthly contribution rates per \$1,000 of coverage until the age of 65 (age 70 if active). The employee contribution rates in effect for the year ended December 31, 2022 are as listed below:

Attained Age	State Basic	State Supplemental	Local Basic	Local Supplemental
Under 30	\$0.0486	\$0.0486	\$0.0500	\$0.0500
30-34	0.0486	0.0486	0.0600	0.0600
35-39	0.0486	0.0486	0.0700	0.0700
40-44	0.0730	0.0730	0.0800	0.0800
45-49	0.1216	0.1216	0.1200	0.1200
50-54	0.1945	0.1945	0.2200	0.2200
55-59	0.2674	0.2674	0.3900	0.3900
60-64	0.3647	0.3647	0.4900	0.4900
65-69	0.4741	0.4741	0.5700	0.5700

*Disabled members under age 70 receive a waiver of premium benefit.

At retirement, the member must have active group life insurance coverage and satisfy one of the following:

- Wisconsin Retirement System (WRS) coverage prior to January 1, 1990, or
- At least one month of group life insurance coverage in each of five calendar years after 1989 and one of the following:
- Eligible for an immediate WRS benefit, or
- At least 20 years from their WRS creditable service as of January 1, 1990, plus their years of group life insurance coverage after 1989, or
- At least 20 years on the payroll of their last employer.

In addition, terminating members and retirees must continue to pay the employee premiums until age 65 (age 70 if active).

Benefits and Membership

After retirement, basic coverage is continued for life in these amounts of the insurance in force before retirement:

Age	State	Local
Before age 65	100%	100%
While age 65	75%	75%
While age 66	50%	50%
After age 66	50%	50% / 25% Employer Election

After retirement, supplemental and additional coverage may be continued until age 65 at 100 percent of the amount of the insurance in force before retirement at the employee's expense, and spouse and dependent coverage is terminated.

Membership for basic coverage as of December 31, 2022, included:

	State	Local	Total
Active*	49,999	74,611	124,610
Inactive Pre-Age 65 Annuitants	6,345	9,901	16,246
Inactive Post-Age 64 Annuitants	29,744	40,769	70,513
Totals	86,088	125,281	211,369

* Active members include disabled

Supplemental Health Insurance Conversion Credit (SHICC) Program

The SHICC program includes the State, the University of Wisconsin, and other component units of the State and is considered a single-employer defined benefit OPEB plan. The Department of Employee Trust Funds (ETF) and the ETF Board have the authority for program administration and oversight. The SHICC program is reported as an Other Post-Employment Benefit Trust Fund. The SHICC program was established by Wisconsin Statute 40.95 and is defined in the state compensation plan (Wis. Stat. 230.12(9)).

The SHICC program allows members with more than 15 years of eligible service to convert unused sick leave balances into credits to pay for post-retirement health insurance premiums. The SHICC benefit provides a limited match of the members credits earned through the Accumulated Sick Leave Conversion Credit (ASLCC) program. ASLCC program credits are computed at the time of retirement, layoff, or death by multiplying the number of hours of unused sick leave by the highest hourly pay rate at which the employee accrued sick leave that is eligible for conversion. Employment category and number of years of service are also factored into the calculation. The SHICC program also includes a provision for the restoration of 500 hours of credits upon retirement, layoff or death provided at least 500 hours or accrued sick leave were used for a single injury or illness during the three years immediately preceding the retirement, layoff or death while in state service.

All ASLCC program credits must be used before the SHICC program credits. Unused ASLCC and SHICC credits have no

cash value, are carried forward from year to year without interest, and when total health insurance premiums paid on behalf of the retired employee equal or exceed the conversion credits, no further payments are made under the ASLCC and SHICC programs. ASLCC and SHICC credits may be escrowed indefinitely after retirement for participants who provide evidence of comparable health insurance coverage from another source.

Eligibility and Membership

Generally to be eligible to use SHICC credits to pay post-retirement health insurance premiums, members with 15 years of adjusted continuous service (or their insured surviving spouse and/or dependents) must be covered under the State of Wisconsin Group Health Insurance Program. If a member with 20 years of service leaves eligible service prior to retirement, the benefit is vested.

Membership as of December 31, 2022, included:

Employment Status	Count
Retirees and Beneficiaries	22,287
Inactive, Non-retired Members	435
Active Members	73,954
Total	96,676

At retirement, the member must have State of Wisconsin Group Health Insurance Program coverage and satisfy the following:

- Retire on an immediate annuity; or
- Retire and receive a lump-sum benefit; or
- Qualify for a Wisconsin Retirement System (WRS) disability retirement benefit, long-term disability benefit or a protective occupation duty disability benefit under Wisconsin Statute 40.65; or
- Have 20 years of WRS creditable service and are eligible for an immediate retirement benefit, but have chosen not to apply for retirement or disability benefit immediately

Eligible members may elect to escrow their SHICC credits (to be used at a later date) if they have comparable health insurance coverage through another source. If SHICC eligible members are not immediately eligible for an annuity, they must satisfy the following to defer vested (preserved) SHICC credits to pay health premiums when becoming a WRS annuitant:

- Terminate with 20 years of WRS creditable service (providing they do not elect a WRS separation benefit) or
- State constitutional officer, a member or an officer of the legislature of the head of a state department or agency who was appointed by the governor with senate confirmation and are not eligible for an immediate annuity when terminating from state employment (providing they do not elect a WRS separation benefit).

If not eligible for an immediate annuity and the member is permanently laid off from State employment, the member must have at least 15 years of adjusted continuous service to use SHICC credits to pay health premiums for up to five years after the layoff begins.

Contributions and Benefits

The ETF Board approves contribution rates annually, based on recommendations from the actuary. Recommended rates are based on an annual valuation, taking into consideration an estimate of the present value of future benefits and the present value of future contributions, in accordance with Wis. Stat. § 40.05 (4) (by). Employer contributions made during a member’s working lifetime funds a post-retirement benefit. Employers made contributions totaling \$5.4 million based upon a percentage of active member earnings for the year ending December 31, 2022.

The SHICC program provides matching sick leave hours, that are in addition to, but generally not to exceed the unused sick leave balances that are used to calculate benefits provided under the ASLCC program, to participants retiring (or terminating employment) with 15 or more years of eligible service, as follows:

Employment Category	Benefit Eligible Hours*
Protective	Match up to 78 hours (9.75 days) per full year of service through 24 years, plus 104 hours (13 days) per full year of service over 24 years.
Others	Match up to 52 hours (6.5 days) per full year of service through 24 years, plus up to 104 hours (13 days) per full year of service over 24 years.

*The SHICC program also includes a restoration benefit of up to 500 hours when certain criteria are met.

The SHICC program also provides benefits after a member’s death. The member’s surviving spouse and/or dependents may be eligible to use SHICC credits to pay State of Wisconsin Group Health Insurance premiums under the following conditions:

- Member was covered by the State of Wisconsin Group Health Insurance Program under a family policy on the member’s date of death or the member is receiving a retirement disability benefit; or
- Member has preserved SHICC credits and the member dies before becoming a WRS annuitant; or
- Member has escrowed SHICC credits and the member dies.

All Plans Total OPEB Expense/(Revenue)

For the year ended June 30, 2023, OPEB expense/(Revenue) for all plans combined was \$67.1 million by participating employers:

Primary Government	
State of Wisconsin	\$ 30,641,220
University of WI System	28,048,296
Component Units	
UW Hospital and Clinics Auth.	8,045,851
WI Housing & Economic Development Auth.	246,202
WI Economic Development Corp.	131,547
Total	\$ 67,113,116

A detailed schedule of OPEB expense (revenue) by plan can be found in note 17.

NOTE 17. OTHER POSTEMPLOYMENT BENEFIT PLANS

A. State Retiree Health Insurance OPEB

The State Retiree Health Insurance program provides postemployment health insurance coverage to all eligible retired employees of the State, the University of Wisconsin, University of Wisconsin Hospital and Clinics Authority, Wisconsin Housing and Economic Development Authority and Wisconsin Economic Development Corporation. The employers do not directly pay any portion of the premium for participating retirees. However, because retirees pay the same premium rate set for active employees, an implicit rate subsidy exists for employers. This implicit rate subsidy is reported as an OPEB liability. At age 65, when eligible, retirees are required to enroll in Medicare. No assets have accumulated because there is no trust.

Retiree Health Insurance Plan Description

GASB standards classify the State Retiree Health Insurance program as a single employer defined benefit OPEB plan with multiple participating employers. Medical, prescription drug and dental benefits are provided to eligible retirees.

Retirees pay the full premium until age 65 directly to the plan either through "out-of-pocket" or from unused accumulated sick leave conversion credits or supplemental health insurance conversion credits. The value of the sick leave benefit is defined as compensated absences and reported under the provisions of GASB Statement No. 16, *Accounting for Compensated Absences*.

Contribution requirements are established and may be amended by the GIB. Premiums for non-Medicare retirees are based on an effective rate structure for the health care service provider selected. Monthly rates range from \$618 to \$1,470 for single coverage and \$1,509 to \$3,641 for family coverage.

As of January 1, 2021 (most recent actuarial valuation date), membership consisted of:

Member Type	Number
Retired members or beneficiaries receiving OPEB benefits	8,219
Vested terminated members not yet receiving OPEB benefits	1,214
Active members	<u>62,805</u>
Total Members	72,238

Inclusion of OPEB Information for Component Units

GASB standards require the presentation of OPEB related amounts and information in the State's financial statements for both the State of Wisconsin (the primary government) and the component units. The component units are responsible for their share of the OPEB liabilities. Reported amounts related to the OPEB liability, OPEB expense/(revenue) and related deferred inflows and outflows for the OPEB plans may vary by an immaterial amount from the final amounts due to the timing of available information.

Total Retiree Health OPEB Liability

The actuarial valuation was based on the plan of retiree benefits and was made for purposes of fulfilling GASB accounting standards which require recognition of the employer cost of postemployment benefits over an employee's career. The total cost of providing postemployment benefits is projected, considering relevant assumptions, then discounted to determine the total OPEB liability.

To determine the total OPEB liability for the program, the actuary performed an actuarial valuation as of January 1, 2021 and adjusted for changes such as interest earned, contributions paid, and benefits paid through June 30, 2022. Based on this, the actuary determined the OPEB liability totaled \$717.2 million.

The total OPEB liability was allocated to participating employers based on their proportionate share of health insurance premiums contributed for active employees. Amounts by participating employers as of a June 30, 2023 reporting date, are indicated in the table below (in millions):

Participating Employer	OPEB Liability
Primary Government	
State of Wisconsin	\$ 315.2
University of Wisconsin System	319.6
Component Units	
UW Hospital and Clinics Auth.	79.9
WI Housing & Economic Development Auth.	1.5
WI Economic Development Corp.	1.0
Total OPEB Liability	\$ 717.2

Changes in the Total OPEB Liability

Changes to the total OPEB plan liability during the fiscal year include the following (in millions):

Total OPEB Liability June 30, 2021	\$ 712.9
Changes for the Year:	
Service cost	62.0
Interest	16.2
Changes of assumptions	(26.2)
Benefit payments*	(47.7)
Net Change in Total OPEB Liability	4.3
Total OPEB Liability June 30, 2022	\$ 717.2

* Employer benefit payments of \$47.7 million were actuarially determined and pertain to the implicit rate subsidy.

Actuarial Methods and Assumptions

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 short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long- term perspective of the calculations.

The total OPEB liability in the January 1, 2022 actuarial valuation was determined using the following actuarial assumptions and other inputs, applied to all periods included in the measurement unless otherwise specified:

Actuarial Valuation Date	January 1, 2021
Measurement Date of Total OPEB Liability	June 30, 2022
Actuarial cost method	Entry Age Normal
Asset Valuation Method	N/A
Inflation	2.40%
Salary increases	Separate merit and longevity increase rates by employer and service, plus 3%
Discount Rate	Discount rate was changed to 3.54% for the June 30, 2022 measurement from 2.16% for the June 30, 2021 measurement

Healthcare Cost Trend Rates:

Medical	4.10% and 7.67% for the first two years then 6.50% grading down 0.25% per year to 4.50%
Prescription drug	10.67% and 9.39% for the first two years then 7.25% grading down 0.25% per year to 4.50%
Dental	0.00% and 2.89% for first two years then 3.00% every year after
Administrative Costs	(4.03) % and (5.60) % for the first two years then 3.00% every year after
Mortality Rates	Wisconsin 2020 Mortality Table
Benefit Changes	None
Participation Rates	Active: 60% are assumed to elect coverage at retirement, and 2.5% of the 40% that defer are assumed to be covered over the next 5 years (1.0% per year), so 65% assumed to be covered after 5 years Deferred: 5% per year over 8 years
Assumed Claims	Per capita claims costs were based on premium equivalent rates for plan year 2021 and actuarial factors applied to weighted average premium rates to estimate costs

Termination Rates	Rates for General, University, Protective, Executive and Elected employees matched the 2018-2020 experience study for the pension valuation
Disability Rates	Rates for General, University, Protective, Executive and Elected employees matched the 2018-2020 experience study for the pension valuation
Normal Retirement Rates	Rates for General, University, Protective, Executive and Elected employees matched the 2018-2020 experience study for the pension valuation
Lapse Rate	5% per year after the later of assumed commencement or the valuation date
Retiree Contribution Increase Rate	Retiree contributions are expected to increase with average benefit trend
Benefit End Date	Benefits end when participants turn 65 years old

Actuarial assumptions are based on the Wisconsin Retirement System experience study conducted in 2021 using experience from 2018 to 2020. There was no actuarial experience gain or loss that impacted the liability because actual contributions matched the expected benefit payments for 2022. Valuation assumption changes decreased the liability by \$26.2 million as the result of a decrease in obligations due to raising the discount rate, which was offset by an increase in obligations due to updating the healthcare trend rates to reflect recent experience.

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

The following presents each employer's proportionate share of the total liability and what it would be if it were calculated using a discount rate that is 1-percentage-point lower or higher than the current discount rate (in millions):

	1% Decrease in Discount Rate (2.54%)	Current Discount Rate (3.54%)	1% Increase in Discount Rate (4.54%)
Primary Government	\$ 682.2	\$ 634.8	\$ 590.4
Component Units	88.6	82.4	76.7
Total OPEB Liability	<u>\$ 770.8</u>	<u>\$ 717.2</u>	<u>\$ 667.1</u>

Sensitivity of the Total OPEB Liability to Changes in the Healthcare Cost Trend Rates

The following presents each employer's proportionate share of the total liability and what it would be if it were calculated using a healthcare trend rate that is 1-percentage-point lower or higher than the current healthcare trend rate (in millions):

	1% Decrease in Healthcare Trend Rate	Current Healthcare Trend Rate	1% Increase in Healthcare Trend Rate
Primary Government	\$ 562.8	\$ 634.8	\$ 720.2
Component Units	73.1	82.4	93.5
Total OPEB Liability	<u>\$ 635.9</u>	<u>\$ 717.2</u>	<u>\$ 813.7</u>

OPEB Expense/(Revenue) and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

For the year ended June 30, 2023, OPEB expense/(revenue) of \$4.6 million was recognized by participating employers:

Primary Government	
State of Wisconsin	\$ 1,175,130
University of WI System	2,017,022
Component Units	
UW Hospital and Clinics Auth.	1,369,388
WI Housing & Economic Development Auth.	20,930
WI Economic Development Corp	14,193
Total	<u>\$ 4,596,663</u>

At June 30, 2023, deferred outflows of resources and deferred inflows of resources for both the state and component units were reported from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between Expected and Actual Experience	\$ 117,211,267	\$ (31,023,112)
Changes of Assumptions	36,066,233	(231,418,449)
Changes in Proportion	15,433,824	(15,433,824)
Amounts Paid Subsequent to the Measurement Date	48,817,475	—
Total	<u>\$ 217,528,799</u>	<u>\$ (277,875,385)</u>

Deferred outflows of resources and deferred inflows of resources for the state (primary government) as of a June 30, 2023 reporting date were as follows:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between Expected and Actual Experience	\$ 103,739,879	\$ (27,457,547)
Changes of Assumptions	31,921,050	(204,820,941)
Changes in Proportion	8,406,610	(14,495,867)
Amounts Paid Subsequent to the Measurement Date	43,206,759	—
Total	<u>\$ 187,274,298</u>	<u>\$ (246,774,355)</u>

Deferred outflows of resources and deferred inflows of resources for component units as of a June 30, 2023 reporting date were as follows:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between Expected and Actual Experience	\$ 13,471,388	\$ (3,565,565)
Changes of Assumptions	4,145,183	(26,597,508)
Changes in Proportion	7,027,214	(937,957)
Amounts Paid Subsequent to the Measurement Date	5,610,716	—
Total	<u>\$ 30,254,501</u>	<u>\$ (31,101,030)</u>

The \$48,817,475 in deferred outflows of resources resulting from amounts paid subsequent to the measurement date will be recognized as a decrease to the total OPEB liability in the year ended June 30, 2024 for the state and component units. Other amounts reported as deferred outflows of resources and deferred inflows of resources for the state and component units will be recognized in future OPEB expense/(revenue) as follows:

FY 2024	\$	(24,774,960)
FY 2025		(24,774,960)
FY 2026		(24,774,960)
FY 2027		(24,774,960)
FY 2028		(24,774,960)
Thereafter		14,710,739

The \$43,206,759 in deferred outflows of resources resulting from amounts paid subsequent to the measurement date will be recognized as a decrease to the total OPEB liability in the year ended June 30, 2024 for the state (primary government). Other amounts reported as deferred outflows of resources and deferred inflows of resources for the state will be recognized in future OPEB expense/(revenue) as follows:

FY 2024	\$	(22,943,715)
FY 2025		(22,943,715)
FY 2026		(22,943,715)
FY 2027		(22,943,715)
FY 2028		(22,943,715)
Thereafter		12,011,748

The \$5,610,716 in deferred outflows of resources resulting from amounts paid subsequent to the measurement date will be recognized as a decrease to the total OPEB liability in the year ended June 30, 2024 for component units. Other amounts reported as deferred outflows of resources and deferred inflows of resources for component units will be recognized in future OPEB expense/(revenue) as follows:

FY 2024	\$	(1,831,245)
FY 2025		(1,831,245)
FY 2026		(1,831,245)
FY 2027		(1,831,245)
FY 2028		(1,831,245)
Thereafter		2,698,992

The Schedule of Changes in the Total OPEB Liability and Related Ratios is presented as required supplementary information following the notes to the financial statements.

B. State Retiree Life Insurance OPEB

The State Retiree Life Insurance program provides postemployment life insurance coverage to all eligible retired employees of the State, the University of Wisconsin, University of Wisconsin Hospital and Clinics Authority, Wisconsin Housing and Economic Development Authority and Wisconsin Economic Development Corporation. Each employer's proportionate share of the net OPEB liability and collective OPEB expense, deferred inflows and outflows is based on the employer's contributions for the most recent calendar year compared to the total contributions of all employers.

Inclusion of OPEB Information for Component Units

GASB standards require the presentation of OPEB related amounts and information in the State's financial statements for both the State of Wisconsin (the primary government) and the component units. The component units are responsible for their share of the OPEB liabilities. Reported amounts related to the OPEB liability, OPEB expense and related deferred inflows and outflows for the OPEB plans may vary by an immaterial amount from the final amounts due to the timing of available information.

OPEB Liabilities, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

At June 30, 2023, the State, including the University of Wisconsin System, reported a liability of \$585 million for its proportionate share of the net OPEB liability. The net OPEB liability was measured as of December 31, 2022 and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of January 1, 2022 rolled forward to December 31, 2022. The State's proportion of the net OPEB liability was based on the State's share of contributions to the OPEB plan relative to the contributions of all participating employers. At December 31, 2022, the State's proportion was 88.7 percent which was a decrease of 0.1 percent from its proportion of 88.8 percent measured as of December 31, 2021.

Net OPEB liability amounts, by participating employers as of a June 30, 2023 reporting date, are indicated in the table below (in millions):

Participating Employer	Net OPEB Liability
Primary Government	
State of Wisconsin	\$ 307.5
University of Wisconsin System	277.5
Component Units	
UW Hospital and Clinics Auth.	71.7
WI Housing & Economic Development Auth.	2.1
Wisconsin Economic Development Corp.	0.9
Total Net OPEB Liability	\$ 659.7

For the year ended June 30, 2023, OPEB expense of \$58.7 million was recognized by participating employers:

Primary Government	
State of Wisconsin	\$ 27,805,799
University of WI System	24,254,387
Component Units	
UW Hospital and Clinics Auth.	6,312,507
WI Housing & Economic Development Auth.	215,793
WI Economic Development Corp.	117,354
Total	\$ 58,705,840

For the year ended June 30, 2023, contributions of \$1.8 million were recognized by the plan from participating employers:

Primary Government	
State of Wisconsin	\$ 828,200
University of WI System	747,217
Component Units	
UW Hospital and Clinics Auth.	193,066
WI Housing & Economic Development Auth.	5,620
WI Economic Development Corp.	2,614
Total	\$1,776,717

Changes in the Net OPEB Liability

Changes to the net OPEB plan liability during the fiscal year include the following (in millions):

Total OPEB Liability December 31, 2021	\$ 1,267.4
Changes for the Year:	
Service cost	49.0
Interest	28.0
Difference between expected & actual experience	(5.3)
Changes of assumptions	(350.1)
Benefit payments	(26.0)
Net Change in Total OPEB Liability	(304.4)
Total OPEB Liability December 31, 2022	\$ 963.0
Plan Fiduciary Net Position December 31, 2021	\$ 319.6
Changes for the Year:	
Contributions from employers	1.8
Net investment income	8.9
Administrative expense	(1.0)
Benefit payments	(26.0)
Net change in Plan Fiduciary Net Position	(16.3)
Plan Fiduciary Net Position December 31, 2022	\$ 303.3
Collective Net OPEB Liability December 31, 2021	\$ 947.8
Net change in Collective Net OPEB Liability	(288.1)
Collective Net OPEB Liability December 31, 2022	\$ 659.7

At June 30, 2023, deferred outflows of resources and deferred inflows of resources for the state and component units were reported from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between Expected and Actual Experience	\$ 2,235,489	\$ (18,133,559)
Changes of Assumptions	184,376,176	(321,268,641)
Changes in Proportion	13,477,367	(13,477,364)
Net Difference Between Projected and Actual Earnings on OPEB Plan Investments	9,322,692	—
Total	\$ 209,411,724	\$ (352,879,564)

Deferred outflows of resources and deferred inflows of resources for the state (primary government) as of a June 30, 2023 reporting date were as follows:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between Expected and Actual Experience	\$ 1,982,211	\$ (16,079,052)
Changes of Assumptions	163,486,613	(284,869,354)
Changes in Proportion	11,234,256	(10,155,894)
Net Difference Between Projected and Actual Earnings on OPEB Plan Investments	8,266,444	—
Total	\$ 184,969,524	\$ (311,104,300)

Deferred outflows of resources and deferred inflows of resources for component units as of a June 30, 2023 reporting date were as follows:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between Expected and Actual Experience	\$ 253,278	\$ (2,054,507)
Changes of Assumptions	20,889,563	(36,399,287)
Changes in Proportion	2,243,111	(3,321,470)
Net Difference Between Projected and Actual Earnings on OPEB Plan Investments	1,056,248	—
Total	\$ 24,442,200	\$ (41,775,264)

Amounts reported as deferred outflows of resources and deferred inflows of resources for the state and component units will be recognized in future OPEB expense/(revenue) as follows:

FY 2024	\$ (7,493,982)
FY 2025	(11,556,438)
FY 2026	(7,382,840)
FY 2027	(37,007,711)
FY 2028	(53,197,049)
Thereafter	(26,829,824)

Amounts reported as deferred outflows of resources and deferred inflows of resources for the state (primary government) will be recognized in future OPEB expense/(revenue) as follows:

FY 2024	\$ (6,639,288)
FY 2025	(10,034,610)
FY 2026	(6,225,401)
FY 2027	(32,456,556)
FY 2028	(46,918,869)
Thereafter	(23,860,054)

Amounts reported as deferred outflows of resources and deferred inflows of resources for component units will be recognized in future OPEB expense/(revenue) as follows:

FY 2024	\$ (854,694)
FY 2025	(1,521,828)
FY 2026	(1,157,439)
FY 2027	(4,551,155)
FY 2028	(6,278,180)
Thereafter	(2,969,770)

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

The following presents participating employer's proportionate share of the net OPEB liability and what the liability would be if it were calculated using a discount rate that is 1-percentage-point lower and 1-percentage-point higher than the current discount rate (in millions):

	1% Decrease in Discount Rate (2.75%)	Current Discount Rate (3.75%)	1% Increase in Discount Rate (4.75%)
Primary Government	\$ 763.4	\$ 585.0	\$ 446.7
Component Units	97.5	74.7	57.1
Net OPEB Liability	\$ 860.9	\$ 659.7	\$ 503.8

Single Discount Rate

A single discount rate of 3.75% was used to measure the Total OPEB liability for the current year, as opposed to 2.15% for the prior year. The change in the discount rate was primarily caused by the increase in the municipal bond rate from 2.06% as of December 31, 2021 to 3.72% as of December 31, 2022. The plan's fiduciary net position was projected to be insufficient to make all projected future benefit payments of current active and inactive employees. Therefore, the discount rate for calculating the Total OPEB Liability is equal to the single equivalent rate that results in the same actuarial present value as the long-term expected rate of return applied to benefit payments, to the extent that the plan's fiduciary net position is projected to be sufficient to make projected benefit payments, and the municipal bond rate applied to benefit payments to the extent that the plan's fiduciary net position is projected to be insufficient. The source of the municipal bond rate used is the Bond Buyers GO Index. The plan's fiduciary net position was projected to be available to make projected future benefit payments of current plan members through December 31, 2033. Therefore, the long-term expected rate of return on plan investments was applied through 2033 and the municipal bond index rate was applied for all remaining periods of projected benefit payments to determine the Total OPEB Liability.

Long-term expected Return on Plan Assets

The long-term expected rate of return is determined by adding expected inflation to expected long-term real returns and reflecting expected volatility and correlation. Investments for the retiree life insurance plans are held with Securian, the insurance carrier. Interest is calculated and credited to the plans based on the rate of return for a segment of the insurance carriers' general fund, specifically 10-year A- Bonds (as a proxy, and not tied to any specific investments). The overall aggregate interest rate is calculated using a tiered approach based on the year the funds were originally invested and the rate of return for that year. Investment interest is credited based on the aggregate rate of return and assets are not adjusted to fair market value. Furthermore, the insurance carrier guarantees the principal amounts of the reserves, including all interest previously credited thereto.

Asset allocation targets and expected returns as of December 31, 2022 were:

Asset Class	Index	Target Allocation	Long-Term Expected Geometric Real Rate of Return
US Intermediate Credit Bonds	Bloomberg US Interm Credit Bloomberg US	50%	2.45%
US Mortgages	MBS	50%	2.83%
Inflation			2.30%
Long-Term Expected Rate of Return			4.25%

Actuarial assumptions

Actuarial assumptions are based on the Wisconsin Retirement System experience study conducted in 2021 using experience from 2018 to 2020. The projections of cash flows used to

determine the single discount rate assumed that employer contributions will be made according to the current employer contribution schedule and that contributions are made by plan members retiring prior to age 65. The total OPEB liability in the January 1, 2022, actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Actuarial Valuation Date:	January 1, 2022
Measurement Date of Net OPEB Liability:	December 31, 2022
Experience Study:	January 1, 2018 - December 31, 2020, Published November 19, 2021
Actuarial Cost Method:	Entry Age Normal
20 Year Tax-Exempt Municipal Bond Yield:	3.72%
Long-Term Expected Rate of Return:	4.25%
Discount Rate:	3.75%
Salary Increases:	
Wage Inflation	3.00%
Senior/Merit	0.1% - 5.6%
Mortality:	2020 WRS Experience Mortality Table

C. Supplemental Health Insurance Conversion Credit OPEB

The Supplemental Health Insurance Conversion Credit plan provides all eligible employees of the State, the University of Wisconsin, University of Wisconsin Hospital and Clinics Authority and Wisconsin Housing and Economic Development Authority with credits that can be used to pay for post-retirement health insurance. Each employer's proportionate share of the net OPEB liability/(asset) and collective OPEB expense/(revenue), deferred inflows and outflows is based on the employer's contributions for the most recent calendar year compared to the total contributions of all employers.

Inclusion of OPEB Information for Component Units

GASB standards require the presentation of OPEB related amounts and information in the State's financial statements for both the State of Wisconsin (the primary government) and the component units. The component units are responsible for their share of the OPEB liabilities. Reported amounts related to the OPEB liability, OPEB expense and related deferred inflows and outflows for the OPEB plans may vary by an immaterial amount from the final amounts due to the timing of available information.

OPEB Assets, OPEB Expense/(Revenue), and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

At June 30, 2023, the State, including the University of Wisconsin System, reported an asset of \$102.8 million for its proportionate share of the net OPEB asset. The net OPEB asset was measured as of December 31, 2022 and the total OPEB liability used to calculate the net OPEB asset was determined by an actuarial valuation as of December 31, 2022. The State's proportion of the

net OPEB asset was based on the State's share of contributions to the OPEB plan relative to the contributions of all participating employers. At December 31, 2022, the State's proportion was 86.3 percent which decreased by 0.8 percent from its proportion of 87.1 percent measured as of December 31, 2021.

Net OPEB liability/(asset) amounts, by participating employers as of a June 30, 2023 reporting date, are indicated in the table below (in millions):

Participating Employer	Net OPEB Liability/(Asset)
Primary Government	
State of Wisconsin	\$ (43.7)
University of Wisconsin System	(45.1)
Component Units	
UW Hospital and Clinics Auth.	(13.8)
WI Housing & Economic Development Auth.	(0.2)
Total Net OPEB Liability/(Asset)	<u>\$ (102.8)</u>

For the year ended June 30, 2023, OPEB expense/(revenue) of \$3.8 million was recognized by participating employers:

Primary Government	
State of Wisconsin	\$ 1,660,291
University of WI System	1,776,887
Component Units	
UW Hospital and Clinics Auth.	363,956
WI Housing & Economic Development Auth.	9,479
Total	<u>\$ 3,810,613</u>

For the year ended June 30, 2023, contributions of \$5.4 million were recognized by the plan from participating employers:

Primary Government	
State of Wisconsin	\$ 2,307,155
University of WI System	2,387,366
Component Units	
UW Hospital and Clinics Auth.	730,143
WI Housing & Economic Development Auth.	13,023
Total	<u>\$ 5,437,687</u>

Changes in the Net OPEB Liability/(Asset)

Changes to the net OPEB plan liability/(asset) during the fiscal year include the following (in millions):

Total OPEB Liability December 31, 2021	\$ 1,042.7
Changes for the Year:	
Service cost	25.7
Interest	70.0
Difference between expected & actual experience	(39.9)
Changes of assumptions	—
Benefit payments	(52.5)
Net Change in Total OPEB Liability	<u>3.3</u>
Total OPEB Liability December 31, 2022	\$ 1,046.0
Plan Fiduciary Net Position December 31, 2021	\$ 1,371.9
Changes for the Year:	
Contributions from employers	5.4
Net investment income	(175.2)
Administrative expense	(0.7)
Benefit payments	(52.5)
Net change in Plan Fiduciary Net Position	<u>(223.0)</u>
Plan Fiduciary Net Position December 31, 2022	\$ 1,148.9
Collective Net OPEB Liability December 31, 2021	\$ (329.2)
Net change in Collective Net OPEB Liability/(Asset)	<u>226.4</u>
Collective Net OPEB Liability/(Asset) December 31, 2022	\$ (102.8)

At June 30, 2023, deferred outflows of resources and deferred inflows of resources for the state and component units were reported from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between Expected and Actual Experience	\$ —	\$ (153,872,477)
Changes of Assumptions	105,060,071	—
Changes in Proportion	2,624,754	(2,624,756)
Net Difference Between Projected and Actual Earnings on OPEB Plan Investments	86,033,699	—
OPEB Contributions Subsequent to the Measurement Date	7,782,381	—
Total	<u>\$ 201,500,905</u>	<u>\$ (156,497,233)</u>

Deferred outflows of resources and deferred inflows of resources for the state (primary government) as of a June 30, 2023 reporting date were as follows:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between Expected and Actual Experience	\$ —	\$ (132,842,802)
Changes of Assumptions	90,701,563	—
Changes in Proportion	2,499,454	(1,309,114)
Net Difference Between Projected and Actual Earnings on OPEB Plan Investments	74,275,516	—
OPEB Contributions Subsequent to the Measurement Date	4,282,381	—
Total	\$ 171,758,914	\$ (134,151,916)

Deferred outflows of resources and deferred inflows of resources for component units as of a June 30, 2023 reporting date were as follows:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between Expected and Actual Experience	\$ —	\$ (21,029,675)
Changes of Assumptions	14,358,508	—
Changes in Proportion	125,300	(1,315,642)
Net Difference Between Projected and Actual Earnings on OPEB Plan Investments	11,758,183	—
OPEB Contributions Subsequent to the Measurement Date	3,500,000	—
Total	\$ 29,741,991	\$ (22,345,317)

The \$7,782,381 in deferred outflows of resources resulting from amounts paid subsequent to the measurement date will be recognized as a decrease to the total OPEB liability in the year ended June 30, 2023 for the state and component units. Other amounts reported as deferred outflows of resources and deferred inflows of resources for the state and component units will be recognized in future OPEB expense/(revenue) as follows:

FY 2024	\$ (22,567,165)
FY 2025	556,915
FY 2026	17,514,518
FY 2027	43,812,370
FY 2028	(4,883,084)
Thereafter	2,787,735

The \$4,282,381 in deferred outflows of resources resulting from amounts paid subsequent to the measurement date will be recognized as a decrease to the total OPEB liability in the year ended June 30, 2023 for the state (primary government). Other amounts reported as deferred outflows of resources and deferred inflows of resources for the state will be recognized in future OPEB expense/(revenue) as follows:

FY 2024	\$ (19,335,563)
FY 2025	628,161
FY 2026	15,268,176
FY 2027	37,981,330
FY 2028	(4,057,331)
Thereafter	2,839,842

The \$3,500,000 in deferred outflows of resources resulting from amounts paid subsequent to the measurement date will be recognized as a decrease to the total OPEB liability in the year ended June 30, 2023 for component units. Other amounts reported as deferred outflows of resources and deferred inflows of resources for component units will be recognized in future OPEB expense/(revenue) as follows:

FY 2024	\$ (3,231,602)
FY 2025	(71,246)
FY 2026	2,246,342
FY 2027	5,831,040
FY 2028	(825,753)
Thereafter	(52,107)

Sensitivity of the Net OPEB Liability/(Asset) to Changes in the Discount Rate

The following presents participating employer's proportionate share of the net OPEB liability/(asset) and what the liability/(asset) would be if it were calculated using a discount rate that is 1-percentage-point lower and 1-percentage-point higher than the current discount rate (in millions):

	1% Decrease in Discount Rate (5.80%)	Current Discount Rate (6.80%)	1% Increase in Discount Rate (7.80%)
Primary Government	\$ 8.3	\$ (88.8)	\$ (172.1)
Component Units	1.3	(14.0)	(27.3)
Net OPEB Liability/ (Asset)	\$ 9.6	\$ (102.8)	\$ (199.4)

Sensitivity of the Net OPEB Liability/(Asset) to Changes in the Healthcare Cost Trend Rates

The following presents each employer's proportionate share of the net OPEB liability/(asset) and what it would be if it were calculated using a healthcare trend rate that is 1-percentage-point lower or higher than the current healthcare trend rate (in millions):

	1% Decrease in Healthcare Trend Rate	Current Healthcare Trend Rate	1% Increase in Healthcare Trend Rate
Primary Government	\$ (148.8)	\$ (88.8)	\$ (30.8)
Component Units	(23.6)	(14.0)	(4.9)
Net OPEB Liability/ (Asset)	\$ (172.4)	\$ (102.8)	\$ (35.7)

Single Discount Rate

A single discount rate of 6.8% was used to measure the Total OPEB Liability for the current year. This single discount rate was based on the expected rate of return on OPEB plan investments of 6.8%. The projection of cash flows used to determine this single discount rate assumed that employer contributions will be made at rates equal to the actuarially determined contribution rate. Based on these assumptions, the 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 and projections were excluded from this report.

Long-term expected Return on Plan Assets

The assets of the SHICC are commingled with assets from other benefit programs and invested in the Core Retirement Investment Trust (Core Fund). Earnings are allocated between the benefit programs based on the average balance invested for each program. The State of Wisconsin Investment Board (SWIB) manages the Core Fund with oversight by the SWIB Board of Trustees, as authorized in Wis. Stat. § 25.17. The long-term expected rate of return is reviewed every three years in conjunction with the Wisconsin Retirement System experience study. Best estimates of geometric real rates of return of each major asset class included in the OPEB plan's target allocation as of December 31, 2022, are summarized in the following table:

Asset Class	Target Allocation	Long-Term Expected Geometric Real Rate of Return
Global Equities	48.0 %	5.0 %
Fixed Income	25.0 %	2.7 %
Inflation Sensitive Assets	19.0 %	1.1 %
Real Estate	8.0 %	2.6 %
Private Equity/Debt	15.0 %	6.9 %
Cash	(15.0)%	0.9 %
Total Fund	100.0 %	4.8 %
Inflation		2.4 %
Long-Term Expected Rate of Return		6.8 %

The long-term expected rate of return is 6.8%. 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.

Actuarial assumptions

Actuarial assumptions are based on the Wisconsin Retirement System experience study conducted in 2021 using experience from 2018 to 2020. The total OPEB liability in the December 31, 2022 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Actuarial Valuation Date:	December 31, 2022
Measurement Date of Net OPEB Liability/(Asset):	December 31, 2022
Experience Study	January 1, 2018 - December 31, 2020 Published November 18, 2021
Actuarial Cost Method:	Entry Age Normal
Long-Term Expected Rate of Return:	6.80%
Discount Rate:	6.80%
Salary Increases Inflation:	3.00%
Seniority/Merit:	0.1% - 5.6%
Mortality:	2020 WRS Experience Mortality Table
Health Care Cost Trend Rate:	5.75% for the first year grading down to an ultimate health care trend rate of 3.5% over a 11 year period.
Health Care Premiums:	Actual premium amounts are used for current annuitants. For all non annuitants (active, preserved, and escrowed members), average premiums are calculated based on non Medicare and Medicare rates for one person and two person coverages.
Participation:	100% of active and preserved members will begin using sick leave credits immediately upon reaching eligibility.
Usage for Escrowed Benefits:	50% of members currently in escrow status will at some point begin using their sick leave balances to pay for health care costs.
Sick Leave Accumulation:	The assumed annual sick leave accumulation for each individual is at their same rate as in the past (earned less used), but not more than 100% of the gross earned rate based on the person's employer and not less than 25% of their gross earned rate. The assumed annual gross earned rates range from 6.4 to 16.25 days depending on the employer.

OPEB plan fiduciary net position. Detailed information about the OPEB plan's fiduciary net position is available in separately issued financial statements from ETF. The report can be obtained at www.etf.wi.gov and on request from:

The Department of Employee Trust Funds
 PO Box 7931
 Madison, Wisconsin 53707-7931

**NOTE 18. PUBLIC ENTITY RISK POOLS
ADMINISTERED BY THE DEPARTMENT
OF EMPLOYEE TRUST FUNDS**

The Department of Employee Trust Funds operates three public entity risk pools: group health insurance, group income continuation insurance and duty disability insurance. ETF's separately issued financial statements, which contain historical trend, revenue, and claims development information, are available at www.etf.wi.gov and on request from:

Wisconsin Department of Employee Trust Funds
PO Box 7931
Madison, WI 53707-7931
1-877-533-5020

The information provided in this note applies to the period ending December 31, 2022.

A. Description of Funds

The Health Insurance Fund offers group health insurance for current employees of the State government and of participating local public employers. All public employers in the State are eligible to participate. The State and 408 local employers currently participate. The State and local government portions of the fund are accounted for separately and have separate contribution rates, benefits, and actuarial valuations. The fund includes both a self-insured, fee-for-service plan as well as various prepaid plans, primarily Health Maintenance Organizations (HMO's), a self-insured plan that provides for pharmacy benefits of covered members and a self-insured dental plan that provides dental benefits for members selecting dental insurance.

The Income Continuation Insurance Fund offers both long-term and short-term disability benefits (up to 75% of the average monthly earnings) for current employees of the State and of participating local public employers. All public employers in the State are eligible to participate. The State and 290 local employers currently participate in the plan and it is self-insured. The State and local government portions of the fund are accounted for separately and have separate contribution rates, benefits, and actuarial valuations. Since March 2012, premiums have been suspended for the local employers as a result of the funded status of the local employer program.

The Duty Disability Fund offers special disability insurance for the State and local WRS participants in protective occupations. Participation in the program is mandatory for all WRS employers with protective occupation employees. The State and 505 local employers currently participate. The plan is self-insured, and the risk is shared between the State and local government employers in the plan. Contributions are actuarially determined and are employer paid. Contributions are based on a graduated, experience-rated formula. During 2022, contribution rates ranged from 0.04% to 1.12% of covered payroll based on employer experience.

B. Accounting Policies for Risk Pools

Basis of Accounting - All Public Entity Risk Pools are accounted for in enterprise funds using the full accrual basis of accounting and the flow of economic resources measurement focus.

Valuation of Investments - Assets of the Health Insurance, Income Continuation Insurance and Duty Disability Insurance funds are invested in the Core Retirement Investment Trust. Investments are valued at fair value.

Unpaid Claims Liabilities - Claims liabilities are based on estimates of the ultimate cost of claims that have been reported but not settled, and of claims that have been incurred but not reported. The estimate includes the effects of inflation and other societal and economic factors. Adjustments to claims liabilities are charged or credited to expense in the periods in which they are made. Unpaid claims liability is presented at face value and is not discounted for health insurance. It is discounted using an interest rate of 6.8 percent for income continuation and duty disability insurance, as face value of the liability for these programs is not available. The liabilities for income continuation, duty disability, and health insurance were determined by actuarial methods.

Administrative Expenses - All maintenance expenses are expensed in the period in which they are incurred. Acquisition costs are immaterial and are treated as maintenance expenses.

Reinsurance - Health insurance plans provided by HMO's and health insurance for local government annuitants are fully insured by outside insurers. All remaining risk is self-insured with no reinsurance coverage.

Risk Transfer - Participating employers are not subject to supplemental assessments in the event of deficiencies. If the assets of the fund were exhausted, participating employers would not be responsible for the fund's liabilities.

Premium Setting - Premiums are established by the GIB (Health Insurance and ICI) and ETF Board for Duty Disability in consultation with actuaries.

Statutory Authority - All programs are operated under the authority of Chapter 40, Wisconsin Statutes.

C. Unpaid Claims Liabilities

As discussed in Section B of this Note, each fund establishes a liability for both reported and unreported insured events, which is an estimate of future payments of losses. The following represents changes in those aggregate liabilities for the nonreinsured portion of each fund during Calendar Year 2022 (in millions):

	Income Continuation Insurance		Duty Disability Insurance		Pharmacy Benefits		Dental	
	2022	2021	2022	2021	2022	2021	2022	2021
Unpaid claims and claim adjustment expenses at beginning of the calendar year	\$ 95.7	\$ 96.4	\$ 523.8	\$ 467.7	\$ (39.0)	\$ (33.7)	\$ 1.6	\$ 1.5
Incurred claims and claim adjustment expenses:								
Provision for insured events of the current calendar year	23.2	24.5	40.6	38.1	198.6	188.4	46.7	46.0
Changes in provision for insured events of prior calendar years	(0.9)	(4.7)	29.6	54.3	0.0	0.2	(0.1)	(0.1)
Total incurred claims and claim adjustment expenses	22.3	19.8	70.2	92.4	198.6	188.6	46.6	45.9
Payments:								
Claims and claim adjustment expenses attributable to insured events of the current calendar year	4.5	4.7	0.0	0.0	253.5	227.4	45.3	44.4
Claims and claim adjustment expenses attributable to insured events of prior calendar years	16.8	15.8	37.2	36.4	(39.0)	(33.5)	1.5	1.4
Total payments	21.3	20.5	37.2	36.4	214.5	193.9	46.8	45.8
Total unpaid claims and claim adjustment expenses at end of the calendar year	<u>\$ 96.7</u>	<u>\$ 95.7</u>	<u>\$ 556.8</u>	<u>\$ 523.8</u>	<u>\$ (54.9)*</u>	<u>\$ (39.0)*</u>	<u>\$ 1.4</u>	<u>\$ 1.6</u>

*Total unpaid claims at the end of 2022 is \$54.9 million in rebates due from pharmaceutical companies. Total unpaid claims at the end of 2021 is \$39.0 million in rebates due from pharmaceutical companies.

NOTE 19. SELF-INSURANCE

It is the general policy of the State not to purchase commercial insurance for the risks of losses to which it is exposed. Instead, the State believes it is more economical to manage its risks internally and set aside assets for claim settlement in its internal service fund, the Risk Management Fund. The fund services most claims for risk of loss to which the State is exposed, including damage to State owned property, liability for property damages and injuries to third parties, and worker's compensation. All funds and agencies of the State participate in the Risk Management Fund.

State Property Damage

Property damages to State-owned properties are covered by the State's self-funded property program up to \$4.0 million per occurrence and \$6.5 million annual aggregate. Effective 7/1/22, the program participates in a 10% quota share (co-participation) of the primary \$15 million excess property insurance layer should a loss occur which exceeds the State's self-funded program. When claims exceed \$100,000 per occurrence, are greater than \$4 million for an occurrence or total \$6.5 million annually, the State's private insurance becomes available. Losses to property occurring after the annual aggregate are subject to a \$100,000 deductible. During Fiscal Year 2023, the excess insurance limits were written to \$500 million.

The liabilities for State property damage are reported when it is probable that a loss has occurred and the amount of that loss can be reasonably estimated. The estimate for future benefits and loss liabilities is based on the reserves on open claims and paid claims. Losses incurred but not reported are expected to be immaterial. Claims incurred but not paid as of June 30, 2023 are estimated to total \$7.3 million.

Property Damages and Bodily Injuries to Third Parties

The State is self-funded for third party liability and effective 7/1/22 retains \$5.0 million per occurrence and participates in a 1/3rd (33%) quota share for the next \$6 million excess of the \$5 million per occurrence retention. Additional layers of excess insurance are in place above \$11 million, with total policy limits during Fiscal Year 2023 at \$49.0 million.

The liabilities for property damages and injuries to third parties are reported when it is probable that a loss has occurred and the amount of that loss can be reasonably estimated. The estimate for future benefits and loss liabilities for the prior fiscal year was the reserves on open claims. The estimate for future benefits and loss liabilities is calculated by an actuary based on the reserves on open claims and prior experience. No liability is reported for environmental impairment liability claims either incurred or incurred but not reported because existing case law makes it unlikely the State would be held liable for material amounts. Because actual claims liabilities depend upon complex factors such as inflation, changes in legal doctrines, and damage awards, the process used in computing claims liability does not necessarily result in an exact amount. Immaterial non-incremental claims adjustment expenses are not included as part of the liability. Claims incurred but not paid as of June 30, 2023 are estimated to total \$49.3 million.

Worker's Compensation

The Worker's Compensation Program was created by Wisconsin Statutes Chapter 102 to provide benefits to workers injured on the

job. All employees of the State are included in the program. An injury is covered under worker's compensation if it is caused by an accident that arose out of and in the course of employment.

The responsibility for claiming compensation is on the employee. A claim must be filed with the program within two years from the date of injury; otherwise the claim is not allowable.

The worker's compensation liability has been determined by an actuary using paid claims and current claims reserves. Liabilities include an amount for claims that have been incurred but not reported. Because actual claims liabilities are affected by external factors, the process used in computing claims liabilities does not necessarily result in an exact amount. Claims incurred but not paid as of June 30, 2023 are estimated to total \$88.7 million.

Changes in the balances of claims liability for the Risk Management Fund during the current and prior fiscal years are as follows (in thousands):

	2023	2022
Beginning of fiscal year liability	\$ 152,922	\$ 146,478
Current year claims and changes in estimates	32,142	40,443
Claim payments	(39,727)	(31,076)
	145,337	155,845
Excess insurance reimbursable	(1,375)	(2,923)
Balance at fiscal year-end	<u>\$ 143,962</u>	<u>\$ 152,922</u>

Settlements have not exceeded coverages for each of the past three fiscal years.

Annuity Contracts

The Risk Management Fund purchased annuity contracts in various claimants' names to satisfy claim liabilities. The likelihood that the fund will be required to make future payments on those claims is remote and, therefore, the fund is considered to have satisfied its primary liability to the claimants. Accordingly, the annuity contracts are not reported in, and the related liabilities are removed from, the fund's balance sheet. The aggregate outstanding amount of liabilities removed from the financial statements at June 30, 2023 is \$4.5 million.

NOTE 20. INSURANCE FUNDS**A. Injured Patients and Families Compensation Fund**

The Injured Patients and Families Compensation Fund was created in 1975 for the purpose of providing excess medical malpractice coverage for claims exceeding the legal primary insurance limits prescribed in Wis. Stat. Section 655.23(4), or the maximum liability limit for which the health care provider is insured, whichever limit is greater. Management of the Fund is vested with a 13-member Board of Governors, which is chaired by the Commissioner of Insurance. Most health care providers permanently practicing or operating in the State of Wisconsin are required to pay Injured Patients and Families Compensation Fund assessment fees. Risk of loss is retained by the Fund.

The Future Benefits and Loss Liability account includes individual case estimates for reported losses and estimates for incurred but not reported losses based upon the projected ultimate losses recommended by a consulting actuary. The liability for incurred but not reported losses as of June 30, 2023, is determined by deducting individual case estimates of the liability for reported losses and net losses paid from inception of the Fund, and adding a risk margin to the projected ultimate loss liabilities, as follows (in thousands):

Projected ultimate loss liability	\$ 1,243,277
Less: Net loss paid from inception	(961,536)
Less: Liability for reported losses	(295,785)
Risk Margin	70,435
Liability for incurred but not reported losses	\$ 56,391

The Future Benefits and Loss Liability account also includes an estimate of the loss adjustment expense (LAE). Using the data available through September 30 of the fiscal year, the actuary estimated the liability for LAE as 18 percent of the estimated unpaid losses as of June 30, 2023. The percentage used in the financial statements was different, since the actuary's estimate was adjusted to reflect actual LAE payments. Specifically, the loss adjustment expenses paid from the inception of the Fund through June 30, 2023, are deducted from the projected ultimate LAE to determine the liability for LAE as June 30, 2023 as follows (in thousands):

Projected ultimate LAE liability	\$ 174,521
Less: LAE paid from inception	(119,037)
Risk Margin	13,871
Liability for LAE	\$ 69,355

In accordance with Section Ins. 17.27(3), Wis. Adm. Code, the liability for reported losses, liability for incurred but not reported losses, and liability for loss adjustment expense are maintained on a present value basis with the difference from full value being reported as a contra account to these estimated loss liabilities. These estimated loss liabilities are discounted only to the extent that they are matched by cash and invested assets. Using the actuarially determined discount factor of 0.928, which is based on an investment yield assumption of 2.0 percent approved by the

Board of Governors, the discounted loss liability would be as follows as of June 30, 2023 (in thousands):

Estimated liability for incurred but not reported losses	\$ 56,391
Estimated liability for reported losses	295,785
Estimated liability for loss adjustment expense	69,355
Total estimated loss liabilities	421,531
Less: Amount representing interest	(30,335)
Discounted loss liabilities	\$ 391,196

Included in the above estimates of loss liabilities, both undiscounted and discounted, is a 25 percent risk margin, which was recommended by the actuary and approved by the Board of Governors.

The Office of the Commissioner of Insurance contracts for periodic actuarial audits of the Fund. This audit includes a review by another actuary of the reasonableness of the actuarial methodology and assumptions used in developing estimates of the Fund's liabilities. The actuarial audits have concluded that the Fund's loss liability estimates are reasonable, although conservative. The Fund's contracted actuary has considered the recommendations made in the actuarial audits and appropriately incorporated any necessary changes based on those recommendations into the actuarial methodology and assumptions used to calculate the Fiscal Year 2023 liabilities estimate.

In addition to discounted loss liabilities, the Future Benefit and Loss Liabilities account also includes a future medical expenses liability and a contributions being held liability. The future medical expenses liability consists of those accounts required by Wis. Stat. Sec. 655.015 to be established if a settlement or judgment provides for future medical expense payments in excess of \$100,000. The accounts are managed by the Fund and earn a proportionate share of the Fund's interest. Any account balance remaining when a claimant dies reverts back to the Fund. The contributions being held liability consists of nonrefundable payments, generally in amounts equal to the primary coverage in effect for related claims, that primary insurers have voluntarily presented to the Fund and which are negotiable with the Fund in exchange for a release of payment for any future defense costs that may be incurred on the claim. This amount is held as a liability to the Fund until a payment on the claim is made.

The breakdown of Future Benefit and Loss Liabilities, including the portions that are estimated as current and noncurrent as of June 30, 2023 (in thousands), is as follows:

Discounted loss liabilities	\$ 391,196
Future medical expense liability	71,796
Total estimated loss liabilities	462,992
Current portion	(58,306)
Noncurrent portion	\$ 404,686

The uncertainties inherent in projecting the frequency and severity of large claims because of the Injured Patients and Families Compensation Fund's unlimited liability coverage and extended reporting and settlement periods makes it likely that the amounts ultimately paid will differ from the recorded estimated loss liabilities. These differences cannot be quantified.

The estimated amounts included in the balance of Future Benefits and Loss Liabilities are continually reviewed and adjusted as the Fund gains additional experience. Such adjustments are reflected in current operations. Because of the changes in these estimates, the benefit expense for the fiscal year is not necessarily indicative of the loss experience for the year.

The following is a reconciliation of the change in the balance of Future Benefits and Loss Liabilities during Fiscal Year 2023 (in thousands):

Liability at the beginning of the year	\$ 463,854
Incurred claims and related expenses for the current year and the change in estimated amounts for claims incurred in prior years	22,139
Less: current year payments attributable to claims incurred in current and prior years	(23,001)
Liability at the end of the year	\$ 462,992

B. State Life Insurance Fund

The State Life Insurance Fund was created under Chapter 607, Wisconsin Statutes, to offer life insurance to residents of Wisconsin in a manner similar to private insurers. This fund functions much like a mutual life insurance company and is subject to the same regulatory requirements as any life insurance company licensed to operate in Wisconsin.

Premiums are reported as earned when due. Benefits and expenses are associated with earned premiums so as to result in recognition of profits over the life of the contracts. This association is accomplished by means of the provision for liabilities for future benefits and the amortization of acquisition costs.

The State Life Insurance Fund does not pay commissions nor does it incur agent expenses.

Future benefits and loss liabilities have been computed by the net level premium method based upon estimated future investment yield and mortality. The composition of liabilities and the more material assumptions pertinent thereto are presented below (in thousands):

Issue Year	Ordinary Life Insurance in Force	Amount of Policy Liability
1913-1966	\$ 4,534	\$ 3,830
1967-1976	21,529	14,630
1977-1985	55,301	25,667
1986-1994	40,787	10,781
1995-2012	40,265	8,770
2013-2018	5,695	615
2019-2020	1,392	82
2021+	1,332	87
	\$ 170,835	\$ 64,462

Basis of Assumption

Issue Year	Interest Rate	Mortality
1913-1966	3.0%	American Experience, ANB*
1967-1976	3.0	1958 CSO, ALB, Unisex
1977-1985	4.0	1958 CSO, ALB, Female Setback 3 years
1986-1994	5.0	1980 CSO, ALB, Aggregate
1995-2008	4.0	1980 CSO, ALB, Aggregate
2009-2012	4.0	2001 CSO, ALB, Aggregate
2013-2018	3.5	2001 CSO, ALB, Aggregate
2019-2020	3.5	2017 CSO, ALB, Aggregate
2021+	3.0	2017 CSO, ALB, Aggregate

* Age Next Birthday

All of the State Life Insurance Fund's life insurance in force is participating. This Fund is required by statute to maintain surplus at a level between 7 percent and 10 percent of statutorily admitted assets as far as practicably possible. All excess surplus is to be returned to the policyholders in the form of policyholder dividends. Policyholder dividends are declared each year in order to achieve the required level of surplus.

The statutory assets at December 31, 2022 were \$112.9 million and statutory capital and surplus was \$11.0 million. Fund equity at June 30, 2023 was \$6.4 million.

NOTE 21. SEGMENT INFORMATION AND CONDENSED FINANCIAL DATA**Primary Government**

The State issues revenue bonds as a component of the total funding for the Direct Loan Portfolio, which is accounted for as part of the Environmental Improvement Fund. The Direct Loan Portfolio is also funded by grants from the U.S. Environmental Protection Agency (the "EPA"). Loans in this portfolio are made for water and wastewater projects. Repayments from loans in this portfolio, grants and revenue bond proceeds are used to fund new loans.

The Environmental Improvement Fund has pledged future loan revenues, net of specified operating expenses, to repay outstanding revenue bonds. Investors in these revenue bonds rely solely on the revenues generated from the loans within the Direct Loan Portfolio. Condensed financial statement information of the Direct Loan Portfolio as of and for the year ended June 30, 2023 is presented below (in thousands):

Condensed Statement of Net Position		Condensed Statement of Revenues, Expenses and Changes in Net Position	
Assets:		Operating Revenues (Expenses):	
Current Assets	\$ 443,116	Loan Interest	\$ —
Other Assets	1,667,288	Interest Income used as Security for Revenue Bonds	37,615
Total Assets	<u>2,110,403</u>	Miscellaneous Other	2,363
Deferred Outflows of Resources	<u>680</u>	Interest Expense	(8,754)
Total Assets and Deferred Outflows of Resources	<u>\$ 2,111,083</u>	Other Operating Expenses	(4,399)
		Operating Income (Loss)	<u>26,825</u>
Liabilities:		Nonoperating Revenues (Expenses):	
Due to Other Funds	10,749	Investment Income	6,663
Other Current Liabilities (Including Current Portion of Long-term Debt)	32,520	Intergovernmental Grants	78,001
Noncurrent Liabilities	<u>318,036</u>	Grants Awarded	(20,449)
Total Liabilities	<u>361,305</u>	Income (Loss) before Transfers	<u>91,041</u>
		Transfers In (Out)	<u>(7,000)</u>
		Change in Net Position	<u>84,041</u>
		Beginning Net Position	<u>1,665,737</u>
Net position:		Ending Net Position	<u>\$ 1,749,778</u>
Restricted	<u>1,749,778</u>	Condensed Statement of Cash Flows	
Total Net Position	<u>1,749,778</u>	Net Cash Provided (Used) by:	
Total Liabilities and Net Position	<u>\$ 2,111,083</u>	Operating Activities	\$ 2,240
		Noncapital Financing Activities	41,061
		Investing Activities	<u>6,663</u>
		Net Increase (Decrease)	49,964
		Beginning Cash and Cash Equivalents	<u>216,322</u>
		Ending Cash and Cash Equivalents	<u>\$ 266,286</u>

NOTE 22. COMPONENT UNITS – CONDENSED FINANCIAL INFORMATION

Significant financial data for the State's discretely presented component units for the year ended December 31, 2022 or June 30, 2023 is presented below (in thousands):

	Wisconsin Housing and Economic Development Authority	Wisconsin Health Care Liability Insurance Plan	University of Wisconsin Hospitals and Clinics Authority	Wisconsin Economic Development Corporation	University of Wisconsin Foundation	Total
Condensed Statement of Net Position						
Assets:						
Cash, Investments and Other Assets	\$ 3,033,885	\$ 61,522	\$ 3,673,994	\$ 94,892	\$ 5,234,867	\$ 12,099,160
Due from Primary Governments	—	—	18,731	—	—	18,731
Cash and Investments with other Component Units	—	—	188,633	—	—	188,633
Capital Assets, net	37,101	—	1,631,810	904	24,106	1,693,921
Total Assets	3,070,986	61,522	5,513,168	95,797	5,258,973	14,000,445
Deferred Outflows of Resources						
	18,082	—	825,777	10,461	—	854,320
Total Assets and Deferred Outflows	\$ 3,089,068	\$ 61,522	\$ 6,338,945	\$ 106,258	\$ 5,258,973	\$ 14,854,766
Liabilities:						
Accounts Payable and Other Current Liabilities	\$ 191,745	\$ 1,719	\$ 700,598	\$ 7,238	\$ 154,104	\$ 1,055,403
Due to Primary Government	—	—	41,198	—	—	41,198
Amounts Held for Other Component Units	—	—	—	—	178,416	178,416
Other Liabilities	2,590	—	639	—	—	3,229
Long-term Liabilities (Current and Noncurrent portions)	1,972,201	16,798	1,645,354	7,069	42,694	3,684,116
Total Liabilities	2,166,536	18,517	2,387,789	14,306	375,214	4,962,362
Deferred Inflows of Resources	32,429	—	528,435	6,240	—	567,104
Net Position:						
Net Investment in Capital Assets	17,101	—	650,255	345	21,099	688,801
Restricted	854,318	43,005	66,861	36,791	4,728,581	5,729,556
Unrestricted	18,684	—	2,705,605	48,575	134,079	2,906,943
Total Net Position	890,103	43,005	3,422,721	85,712	4,883,760	9,325,300
Total Liabilities, Deferred Inflows and Net Position	\$ 3,089,068	\$ 61,522	\$ 6,338,945	\$ 106,258	\$ 5,258,973	\$ 14,854,766
Condensed Statement of Activities						
Program Expenses:						
Depreciation	\$ 1,023	\$ —	\$ 178,047	\$ 973	\$ 2,332	\$ 182,375
Payments to Primary Government	—	—	73,813	—	339,980	413,793
Other	305,816	675	4,156,451	84,811	53,686	4,601,439
Total Program Expenses:	306,839	675	4,408,311	85,783	395,998	5,197,607
Program Revenues:						
Charges for Goods and Services	8,433	2,227	4,398,602	139	—	4,409,401
Investment and Interest Income	59,912	391	—	—	374,168	434,471
Operating Grants and Contributions	224,275	—	—	95,178	351,323	670,776
Miscellaneous	17,015	18	66,420	—	4,292	87,746
Total Program Revenues	309,635	2,636	4,465,022	95,318	729,784	5,602,394
Net Program Revenue/(Expense)	2,796	1,961	56,711	9,534	333,785	404,787
General Revenues:						
Interest and Investment Earnings	12,885	—	153,120	2,140	—	168,145
Miscellaneous	—	—	2,733	1,243	—	3,976
Contributions to Endowments	—	—	9,082	—	—	9,082
Change in Net Position	15,681	1,961	221,646	12,917	333,785	585,990
Net Position, Beginning of Year	874,422	41,044	3,201,075	72,795	4,549,974	8,739,310
Net Position, End of Year	\$ 890,103	\$ 43,005	\$ 3,422,721	\$ 85,712	\$ 4,883,760	\$ 9,325,300

NOTE 23. RESTATEMENTS OF BEGINNING FUND BALANCES/NET POSITIONS AND OTHER CHANGES

The following reconciliations summarize restatements of the end-of-year fund balance and net position amounts as reported in the 2022 Annual Comprehensive Financial Report to the beginning-of-year amounts reported for Fiscal Year 2023 (in thousands):

A. Fund Statements – Governmental Funds

	Major Funds			Total Governmental
	General	Transportation	Nonmajor Funds	
Fund Balances at June 30, 2022 as reported in the 2022 Annual Comprehensive Financial Report	\$ 4,645,482	\$ 1,317,911	\$ 2,118,935	\$ 8,082,327
Correction of accounts receivable - DCF	25,019	—	—	25,019
Correction of accounts receivable - DHS	31,767	—	—	31,767
Correction of interfund transfers	—	—	6,229	6,229
Correction of revenue	—	—	(10,374)	(10,374)
Fund Balances July 1, 2022 as restated	<u>\$ 4,702,267</u>	<u>\$ 1,317,911</u>	<u>\$ 2,114,790</u>	<u>\$ 8,134,968</u>
Effect of adjustments on the amount of excess revenues and other sources over expenditures and other uses of Fiscal Year 2022	56,786	—	(4,145)	52,641

B. Fund Statements – Proprietary Funds

	Major Funds				Total Enterprise	Internal Service Funds
	Environmental Improvement	University of Wisconsin System	Unemployment Reserve	Nonmajor Funds		
Net Positions at June 30, 2022 as reported in the 2022 Annual Comprehensive Financial Report	\$ 2,209,418	\$ 6,434,519	\$ 1,354,749	\$ 2,200,510	\$ 12,199,197	\$ (187,928)
Adoption of GASB Statement No. 96	—	3,890	—	—	3,890	—
Correction of interfund transfers	—	(3,631)	—	(1,117)	(4,748)	(1,481)
Correction of expenditures	—	—	—	157	157	—
Adjustments of assets	—	—	—	(301)	(301)	—
Net Positions July 1, 2022 as restated	<u>\$ 2,209,418</u>	<u>\$ 6,434,778</u>	<u>\$ 1,354,749</u>	<u>\$ 2,199,249</u>	<u>\$ 12,198,195</u>	<u>\$ (189,409)</u>
Effect of adjustments on the amount of net increase (decrease) in net positions of Fiscal Year 2022	\$ —	\$ (3,631)	\$ —	\$ (1,261)	\$ (4,892)	\$ (1,481)

C. Government-wide Statements

	Primary Government			
	Governmental Activities	Business-type Activities	Totals	Component Units
Net Positions at June 30, 2022 as reported in the 2022 Annual Comprehensive Financial Report	\$ 24,731,964	\$ 12,147,686	\$ 36,879,650	\$ 8,737,389
Capital assets corrections	(1,084)	—	(1,084)	—
Expenditure corrections	(5,899)	—	(5,899)	—
Revenue Correction DCF	1,857	—	1,857	—
Revenue correction DHS	99,491	—	99,491	—
Liability Corrections	(1,075)	—	(1,075)	—
Adoption of GASB Statement No. 96	—	3,890	3,890	1,921
Other adjustments of assets and liabilities as of June 30, 2022	51,160	(4,892)	46,267	—
Net Positions July 1, 2022 as restated	<u>\$ 24,876,414</u>	<u>\$ 12,146,684</u>	<u>\$ 37,023,098</u>	<u>\$ 8,739,310</u>
Effect of adjustments on the amount of net increase (decrease) in net positions of Fiscal Year 2022	\$ 144,450	\$ (4,892)	\$ 139,558	\$ —

NOTE 24. LITIGATION, CONTINGENCIES AND COMMITMENTS

A. Litigation and Contingencies

The State is a participant in various legal proceedings pertaining to matters incidental to the performance of routine governmental operations.

The State accrues liabilities related to legal proceedings, if a loss is probable and reasonably estimable. Such losses, totaling \$0.7 million on June 30, 2023 reported in the governmental activities, are discussed below:

The Work Injury Supplemental Benefit Fund, administered by the Department of Workforce Development, provides compensatory payments to survivors of fatally injured employees or disabled employees with work-related injuries. The liability for annuities to be paid totaled \$0.7 million at June 30, 2023.

Other Claims, Judgments, and Contingencies

The State is also named as a party in other legal proceedings where the ultimate disposition and consequence are not presently determinable. The potential loss amount relating to an unfavorable outcome for certain of these proceedings could not be reasonably determined at this time. However, the ultimate dispositions and consequences of any single legal proceeding or all legal proceedings collectively should not have a material adverse effect on the State's financial position.

In August 2018, the Department of Health Services (DHS) received notification from the U.S. Department of Health and Human Services (DHHS) recommending a \$27.6 million disallowance related to the Medicaid program. DHHS concluded DHS did not refund the full federal share of Medicaid-related settlements and judgements from October 2008 through September 2016. DHS partially disagreed with the report. The Centers for Medicare and Medicaid Services (CMS) reviewed the report and determined that DHHS underreported the settlement and requested that DHS refund \$31.0 million to the federal government. In February 2021 DHS submitted a formal objection letter to CMS and in August 2022 CMS issued a disallowance in the amount of \$24.9 million. On behalf of DHS, the Department of Justice (DOJ) appealed this disallowance to the Disallowance Appeals Board (DAB) on February 1, 2023. DAB is currently deliberating on a decision.

KJS Amoco Inc. filed a civil lawsuit against the Department of Transportation (DOT) for relocation benefits due to commercial displacement following DOT's total acquisition of leased property. The plaintiff is seeking payment of approximately \$11.4 million. DOT successfully obtained dismissal of a second plaintiff and the claims of that plaintiff. Cross motions for summary judgement on the remaining claim were filed and on September 5, 2023, the court entered summary judgement in favor of DOT. The plaintiff filed a timely notice of appeal on November 28, 2023.

At the end of FY 2023, the Unemployment Reserve Fund, administered by the Department of Workforce Development (DWD), had outstanding weekly claims filed. DWD accrued a liability in the Unemployment Reserve Fund for benefits paid through August 31, 2023 that were related to weeks prior to June 30, 2023. However, an estimate of payments related to the remaining claims, totaling 3,567 adjudication issues and 614 appeals as of October 30, 2023, cannot be estimated and therefore a liability for these claims has not been reported.

A class action lawsuit alleging discrimination under the Rehabilitation Act and the ADA as well violation of the "when due" clause of the Social Security Act and the Due Process Clause of the Fourteenth Amendment was filed against the DWD in September 2021. The plaintiffs seek to invalidate Wis Stat. 108.04(12)(f) and 108.04(2)(h) which prohibit recipients of social security disability insurance payments from receiving regular unemployment compensation benefits. In addition to an injunction, the plaintiffs seek back payments for any weeks that members of the class would have been eligible for regular unemployment benefits, excluding the weeks for which they received PUA instead, and reimbursement for any collection costs and penalties.

The case was pled as a class action, but the State successfully moved for an order allowing the district court to rule on a summary judgement motion first. That summary judgement motion is now pending, which seeks complete dismissal of the case.

Several employees of the Department of Corrections (DOC) filed a Wis. Stat. Chapter 109 wage claim action against DOC seeking unpaid wages for tasks they claim are integral and indispensable to their primary work duties. The plaintiffs are seeking class action certification, which was granted in September 2022 by the circuit court. DOJ has appealed the decision certifying the class and an opening brief was completed in May 2023. The State is vigorously defending its position.

In FY 2020, Intersystems Corporation filed a claim against the Department of Revenue (DOR) asserting that DOR owed Intersystems Corporation a refund of \$73.9 million plus interest for 2010-2017. The issue is whether or not fees from sublicensing software sold to Epic, who is domiciled in Wisconsin, may be treated as Wisconsin sales in the sales factor. The case is currently being appealed to the Wisconsin Tax Appeals Commission, but DOR believes that its position is meritorious and will defend the matter vigorously.

In FY 2022, Caidan Enterprises Incorporated filed a claim against DOR asserting that DOR owed Caidan approximately \$15.0 million in income tax and interest for the 2015-2018 tax years because Caidan should not pay taxes on gain that was not unitary. The case is currently being appealed to the Wisconsin Tax Appeals Commission, but DOR believes the gain was not unitary and will defend the matter vigorously.

In FY 2023 a taking clause case was filed against the State challenging the failure of the unclaimed property program, administered by DOR, to pay interest on certain forms of abandoned property. The plaintiffs sought to certify a class of individuals whose property had been presumed abandoned and put into the unclaimed property program. The circuit court granted a motion to dismiss this case on October 11, 2023 and the plaintiffs have until November 27, 2023 to appeal.

B. Commitments

Primary Government

As of June 30, 2023, encumbrances of the General Fund totaled \$1.9 billion, encumbrances of the Transportation Fund totaled \$2.2 billion, and encumbrances of other non-major governmental funds totaled \$193.7 million. Obligations at June 30, 2023 representing multi-year, long-term commitments included (in thousands):

Transportation Fund	\$ 642,253
Capital Improvement Fund – WisDOT Harbors, Rails and Highway Programs	24,483
Transportation Revenue Bonds Capital Projects Fund	37,079
General Fund – Housing Programs	50,567

The *Environmental Improvement Fund* (the Fund) was established to administer the Clean Water Fund Loan Program. Loans and grants are made to local units of government for wastewater treatment projects for terms of up to 20 years. Loans are made at a number of prescribed interest rates based on environmental priority. The loans contractually are revenue obligations or general obligations of the local governmental units. Additionally, various statutory provisions exist which provide further security for payment. The Fund has made financial assistance commitments of \$247.5 million as of June 30, 2023. These loan and grant commitments are expected to be met through proceeds from issuance of revenue obligations and additional federal grants.

The *Injured Patients and Families Compensation Fund* may be required to purchase an annuity as a result of a claim settlement. Under specific annuity arrangements, the Fund may have ultimate responsibility for annuity payments if the annuity company defaults on annuity payments. The total estimated replacement value of the Fund's annuities as of June 30, 2023 was \$32.8 million. The replacement value calculation includes only annuities where the Fund remains the owner. Annuities with qualified assignments are no longer included. The Fund reserves the right to pursue collection from State guarantee funds.

State Public Deposit Guarantee - As required by Wis. Stat. Sec. 34.08, the State is to make payments to public depositors for proofs of loss (e.g., loss resulting from a bank failure) up to \$400 thousand per depositor above the amount of federal insurance. This statutory requirement guarantees that the State will make payments in favor of the public depositor that has submitted a proof of loss. Payments would be made in the order in which satisfactory proofs of loss are received by the State's Department of Financial Institutions, until the designated appropriation is exhausted. At June 30, 2023, the appropriation available totaled \$79.2 million. Losses become fixed as of the date of the loss. A public depositor experiencing a loss must assign its interest in the deposit, to the extent of the amount paid, to the Department of Financial Institutions. Any recovery made by the Department of Financial Institutions under the assignment is to be repaid to the appropriation. The possibility of a material loss resulting from payments to and recovery from public depositors is remote.

NOTE 25. TAX ABATEMENTS

Wisconsin statutes authorize tax abatements to encourage economic development and other actions beneficial to the State or its citizens resulting in a reduction in tax revenue the State would otherwise be entitled to collect. GASB Statement No. 77, *Tax Abatement Disclosures*, requires disclosure of tax abatement agreements entered into by a reporting government, along with agreements entered into by other governments, which reduce the reporting government’s tax revenues. Most tax abatement programs meeting the criteria for disclosure in the State’s ACFR are certified by the Wisconsin Economic Development Corporation (WEDC), a separate legal entity also reported as a component unit in the ACFR. WEDC enters into the abatement agreements and administers the programs. The Wisconsin Department of Revenue (DOR) is responsible for ensuring the certified tax abatements were properly applied when processing income tax returns filed by recipients. The table below describes abatement programs that impact tax revenues for the State of Wisconsin.

State Agency Programs	Authority	Purpose	Tax Abated	Primary Criteria	Mechanism	Abatement Calculation	Recapturing Abatements
Historical Homeowners Tax Credit - Administered by Wisconsin Historical Society	Wis. Stats. 44.02(24)	Preserving or rehabilitating historic property located in Wisconsin	Income Tax	Own and occupy as personal residence property Costs must relate only to preservation or rehabilitation work done Costs must be more than \$10,000	Nonrefundable state income tax credit	25% of qualified expenditures for the current year for individuals	DOR may recover all or a portion of the credit if the claimant has not complied with all requirements
WHEDA Programs	Authority	Purpose	Tax Abated	Primary Criteria	Mechanism	Abatement Calculation	Recapturing Abatements
Low Income Housing Tax Credit Administered by Wisconsin Housing and Economic Development Authority	Wis. Stats. 234.45	Low-income housing tax credits	Income Tax	Person has an ownership interest in the qualified development The tax credit is necessary for financial feasibility of the qualified development Maintenance and operation as a qualified development for the compliance period and in compliance with Title VIII of the federal Civil Rights Act of 1968, as amended The allocation certificate is issued in accordance with the qualified allocation plan	Nonrefundable state income tax credit	A claimant may claim as a credit against the taxes imposed, up to the amount of the tax, the amount allocated by the authority	DOR may recover the credit based on the amount determined under section 42(j) of the Internal Revenue Code

WEDC Programs	Authority	Purpose	Tax Abated	Primary Criteria	Mechanism	Abatement Calculation	Recapturing Abatements
Business Development Credit (also includes the Economic Development and Jobs Tax Credit programs)	Wis. Stats. 238.308	Provides incentives for job creation, capital investment, training, and corporate location or retention for new and current businesses in Wisconsin	Income Tax	Person increases net employment in the state from net employment in the state during the year before certification	Refundable state income tax credit or offset against economic development surcharge	<p>Up to 10% of eligible employee wages</p> <p>Up to 5% of additional eligible employee wages in economically distressed area</p> <p>Up to 50% of eligible training costs</p> <p>For investments of \$1.0 million or greater or investments of less than \$1.0 million but at least \$10,000 per eligible employee: Up to 3% of personal property investment and up to 5% of real property investment</p> <p>Certain percentage of wages paid to eligible headquarters employees</p>	WEDC may require repayment of tax benefits claimed for a year in which the person failed to employ an eligible employee required by the agreement
Development Opportunity Zone Tax Credit	Wis. Stats. 238.395	<p>Incent new and expanding businesses in the cities of Beloit, Janesville, and Kenosha</p> <p>Incent the creation of jobs for target group members</p>	Income Tax	Business located in or relocating to, Beloit, Janesville, or Kenosha	Nonrefundable state income tax credit	<p>Credits ranging from \$6,000 to \$8,000 per job for an FTE paying at least 150% of federal minimum wage</p> <p>Up to 3% of all eligible capital investments</p> <p>Up to 50% of eligible environmental remediation costs</p>	WEDC may revoke tax benefits if false or misleading information is provided, if the business ceases to operate in the zone or moves outside the development zone
Enterprise Zone Tax Credit	Wis. Stats. 238.399	Incent expansion of existing Wisconsin businesses or relocation of major business operations from other states to Wisconsin	Income Tax	<p>Businesses located in, or relocating to, an enterprise zone in Wisconsin</p> <p>Business that begins or expands operations in an enterprise zone</p> <p>Business makes a significant capital contribution</p> <p>Positions created as a result of tax credits must be maintained for at least five years</p>	Refundable state income tax credit	<p>WEDC determines the maximum amount of tax credits a business may claim</p> <p>Credit of up to 7% of the net increase in zone payroll less certain adjustments</p> <p>Credit up to 100% of job-related training costs</p> <p>Up to 10% of significant capital expenditures</p> <p>Up to 1% of amount paid for property, goods or services purchased from Wisconsin vendors</p>	WEDC may require a business to repay tax benefits for which the business failed to maintain employment levels or a significant capital investment in property WEDC may revoke tax benefits if false or misleading information is provided, if the business ceases to operate in the zone or moves outside the development zone
Electronics and Information Technology Manufacturing Zone Tax Credit	Wis. Stats. 238.396	Incent a project (Foxconn) involving the attraction of major business operations to Wisconsin to support the creation of jobs	Income Tax	<p>Business that begins operations in the zone</p> <p>Services must be performed in the state</p> <p>Business maintains job creation threshold and requirements as designated by WEDC</p> <p>Business makes a significant capital expenditure in the zone</p>	Refundable state income tax credit	<p>Job creation credit equal to no more than 17% of payroll within the state for the benefit of the operations within the zone</p> <p>Investment credit where the business may claim up to 15% of its significant capital expenditures</p>	WEDC may require the business to repay any tax benefits the business claims for a year in which the business failed to maintain employment levels or a significant capital investment in property

WEDC Programs, continued	Authority	Purpose	Tax Abated	Primary Criteria	Mechanism	Abatement Calculation	Recapturing Abatements
Qualified New Business Venture (Consists of Early Stage Seed Investment and Angel Investment Credits)	Wis. Stats. 238.15	Promote development of research and development and early-stage capital availability by providing tax credit incentives for private equity investment in technology- based Wisconsin businesses with significant long- term growth potential	Income Tax	Investor must keep investment in a certified business or with a certified fund manager for no less than 3 years unless the investment becomes worthless or the person has kept the investment for at least 12 months and a bona fide liquidity event occurs during the 3 year period Certified businesses are those headquartered in the State and engaged in innovation within certain sectors such as manufacturing, biotechnology, agriculture, etc. or that process or assemble items such as medical devices, pharmaceuticals, computer hardware or software, etc.	Nonrefundable state income tax credit	25% of the value of the investment made in the certified company	The certified business must pay a penalty ranging from 60% to 100% of the tax credit provided if it relocates out of state during the 3 years after it received an investment
Historical Preservation Tax Credit (Supplement to Federal Historic Rehabilitation Tax Credit)	Wis. Stats. 238.17	Incentive for businesses to rehabilitate historic structures in Wisconsin used for production of income	Income Tax	Must own the historic property Building must be depreciable property that is either nonresidential real property, residential rental property, or real property with a class life of more than 12.5 years Rehabilitation expenditures are more than the greater of \$50,000 or the adjusted basis Expenditure test must be met within a 24-month (or, for phased rehabilitation projects, a 60-month) period	Nonrefundable state income tax credit	20% of qualified rehabilitation expenditures for the current year The state credit must be claimed ratably over a five-year period beginning in the taxable year the building is placed in service effective for amounts paid or incurred after December 31, 2017 ¹	If sale or noncompliance occurs within 5 years then a prorated amount of the credit received will be added back to the individual's tax liability

¹ State law automatically adopted the provision in the federal Tax Cuts and Jobs Act signed into law on December 22, 2017. The federal law effectively modified the timing for claiming the state credit from one year to over five years with a transition rule in place that applies to projects contracted and completed prior to tax year 2021.

The gross dollar amount by which the State's tax revenues were reduced as a result of abatement agreements during the fiscal year ended June 30, 2023 (in millions):

	Amount
State Agency Administered Program	
Historical Homeowners Tax Credit	\$ 1.7
WHEDA Administered Programs	
Low Income Housing Tax Credit	5.0
WEDC Administered Programs	
Business Development Credit *	12.5
Development Opportunity Zone Tax Credit	0.3
Enterprise Zone Tax Credit	83.2
Qualified New Business Venture	7.4
Historical Preservation Tax Credit	45.8
Total State Agency and WEDC:	\$ 155.9

* Includes Economic Development, Jobs Tax Credit and Business Development Credit abatements

Tax Abatement-related Commitments

2017 Wis. Act 58 created an electronics and information technology manufacturing zone in southeast Wisconsin (the Foxconn project). Subject to the Act, the state may contract public debt in an amount not to exceed \$252.4 million in general fund-supported general obligation bonds to be used for road expansion and improvements to the I-94 North-South corridor. The Act also recognized a moral obligation in which the legislature expresses its expectation and aspiration, if ever called upon to do so, to make an appropriation to pay no more than 40 percent of the principal and interest of a local governmental unit's municipal obligations used to finance costs related to the zone.

NOTE 26. SUBSEQUENT EVENTS**Primary Government****Long-term Debt**

General Obligation Bonds – In August 2023, the State issued \$271.4 million of General Obligation Bonds (“2023 Series B Bonds”) to be used for the acquisition, construction, development, extension, enlargement or improvement of land, water, property, highways, buildings, equipment of facilities for public purposes. The interest rates associated with these bonds were set at 5.0 percent payable semiannually beginning November 1, 2023. The bonds mature annually beginning May 1, 2025 through May 1, 2044.

Transportation Revenue Bonds – In March 2023, the State entered into a forward delivery bond purchase agreement for the issuance of \$43.3 million of Transportation Revenue Refunding Bonds (“2024 Series 1 Bonds”) and a preliminary closing for 2024 Series 1 Bonds occurred in April 2023. Subject to the forward delivery agreement, the State expects to issue the 2024 Series 1 Bonds in April 2024 with the proceeds being used for the current refunding of certain principal of previously issued transportation revenue bonds. When issued, the interest rates on the bonds are expected to be 5.0 percent payable semiannually, beginning July 1, 2024. The bonds mature July 1, 2029, July 1, 2030, and July 1, 2031.

Environmental Improvement Fund Revenue Bonds – In September 2023, State entered into a Defeasance Escrow Agreement, where the State deposited \$54.4 million of cash into an escrow account for the defeasance of six maturities of State of Wisconsin Environmental Improvement Revenues Bonds, 2017 Series A, in the aggregate par amount of \$51.1 million. The amount deposited into the escrow account has been invested in allowable defeasance securities to provide the payment of principal of, and interest on, these bonds up to and including the dates of redemption.

Litigation

In October 2023 current inmates at the Waupun Correctional Institution filed a class action lawsuit against the Department of Corrections (DOC) alleging Eighth Amendment violations. The complaint alleges inadequate healthcare, inadequate dental care, inadequate mental health care and inadequate physical exercise. On November 20, 2023 the court permitted the proposed class to proceed with claims for injunctive relief, but dismissed all claims for compensatory and punitive damages because none of the defendants had been named in their individual capacities.

On November 21, 2023, the plaintiff’s counsel filed an amended complaint for the proposed class, naming the defendants in their individual and official capacities. The plaintiffs asked the court to proceed with claims for injunctive relief and compensatory and punitive damages. This amended complaint is pending a screening order from the court.

This case is in its early stages and the State plans to explore opposing class certification for the plaintiffs and filing appropriate dispositive motions.

Required Supplementary Information

Postemployment Benefits - State Health Insurance Program

Schedule of Changes to the Total OPEB Liability and Related Ratios (in millions)

As of the Measurement Date June 30

	2017	2018	2019	2020	2021	2022
Total OPEB Liability:						
Service cost	\$ 72.1	\$ 58.0	\$ 40.3	\$ 48.5	\$ 52.5	\$ 62.0
Interest	23.6	27.1	21.7	24.5	14.9	16.2
Difference between expected & actual experience	(4.1)	0.8	65.1	(40.1)	92.1	—
Changes of assumptions	(109.3)	(224.8)	56.7	(16.6)	(41.2)	(26.2)
Benefit payments	(38.4)	(40.8)	(40.9)	(56.8)	(47.4)	(47.7)
Net Change in Total OPEB Liability	(56.1)	(179.7)	142.9	(40.5)	70.9	4.3
Total OPEB Liability – Beginning	775.4	719.3	539.6	682.5	642.0	712.9
Total OPEB Liability – Ending	\$ 719.3	\$ 539.6	\$ 682.5	\$ 642.0	\$ 712.9	\$ 717.2
Covered-employee payroll	\$3,690.7	\$3,729.7	\$3,905.8	\$4,030.8	\$4,107.0	\$4,230.1
Total OPEB Liability as a percentage of covered-employee payroll	19.49 %	14.47 %	17.47 %	15.93 %	17.36 %	16.95 %

GASB standards require the presentation of 10 years of information. Because fiscal year 2018 (6/30/17 measurement date) was the first year for reporting this information, a full 10-year schedule will not be available until fiscal year 2027 (6/30/26 measurement date).

Note to preceding required supplementary information - State Health Insurance Program

The State Health Insurance OPEB plan does not have assets in trust or equivalent arrangements and is funded on a pay-as-you-go basis. Potential factors that may significantly affect trends in amounts reported include changes to the discount rate, health care trend rates, and participation rate assumptions. Employer benefit payments were actuarially determined and pertain to the implicit rate subsidy.

Postemployment Benefits - State Life Insurance Program

Schedule of Changes in the Total OPEB Liability/(Asset) and Related Ratios (in millions)

As of the Measurement Date December 31

	2017	2018	2019	2020	2021	2022
Total OPEB Liability:						
Service cost	\$ 26.2	\$ 30.7	\$ 25.4	\$ 36.3	\$ 46.3	\$ 49.0
Interest	30.7	31.2	33.2	29.9	27.4	28.0
Difference between expected & actual experience	(5.3)	(17.5)	(6.1)	(10.4)	3.3	(5.3)
Changes of assumptions	49.0	(94.9)	223.0	138.5	13.4	(350.1)
Benefit payments	(17.7)	(19.5)	(19.9)	(24.7)	(23.7)	(26.0)
Net Change in Total OPEB Liability	82.9	(70.1)	255.6	169.6	66.7	(304.4)
Total OPEB Liability - Beginning	762.6	845.5	775.5	1,031.1	1,200.7	1,267.4
Total OPEB Liability - Ending	845.5	775.5	1,031.1	1,200.7	1,267.4	963.0
Plan Fiduciary Net Position:						
Contributions from employers	1.4	1.4	1.2	1.5	1.7	1.8
Transfer from active life insurance program	—	—	13.1	—	—	—
Net investment income	11.6	10.9	10.4	9.8	8.8	8.9
Administrative expense	(0.7)	(0.7)	(0.8)	(0.9)	(0.9)	(1.0)
Benefit payments	(17.7)	(19.5)	(19.9)	(24.7)	(23.7)	(26.0)
Net change in Plan Fiduciary Net Position	(5.4)	(8.0)	4.0	(14.3)	(14.1)	(16.3)
Plan Fiduciary Net Position – Beginning	357.4	352.0	344.0	348.0	333.7	319.6
Plan Fiduciary Net Position – Ending	352.0	344.0	348.0	333.7	319.6	303.3
Collective Net OPEB Liability/(Asset) – Beginning	405.1	493.5	431.5	683.1	867.0	947.8
Net change in Collective Net OPEB Liability/(Asset)	88.4	(62.0)	251.6	183.9	80.8	(288.1)
Collective Net OPEB Liability/(Asset) – Ending	\$ 493.5	\$ 431.5	\$ 683.1	\$ 867.0	\$ 947.8	\$ 659.7
Plan Fiduciary Net Position as a percentage of the total OPEB Liability/(Asset)	41.63 %	44.36 %	33.75 %	27.79 %	25.22 %	31.50 %
Covered-employee payroll	\$ 3,184.0	\$ 3,182.5	\$ 3,299.5	\$ 3,456.5	\$ 3,529.3	\$ 3,645.2
Net OPEB Liability as a percentage of covered-employee payroll	15.50 %	13.56 %	20.70 %	25.08 %	26.86 %	18.10 %

GASB standards require the presentation of 10 years of information. Because fiscal year 2018 (12/31/17 measurement date) was the first year for reporting this information, a full 10-year schedule will not be available until fiscal year 2027 (12/31/26 measurement date).

Schedule of Contributions to State Life Insurance OPEB Plan (in millions)

As of the Measurement Date December 31

	2017	2018	2019	2020	2021	2022
Contractually required contribution	\$ 1.4	\$ 1.4	\$ 1.1	\$ 1.5	\$ 1.7	\$ 1.8
Contributions in relation to the contractually required contribution	1.4	1.4	1.1	1.5	1.7	1.8
Contribution deficiency	—	—	—	—	—	—
Covered-employee payroll	\$3,184.0	\$3,182.5	\$3,299.5	\$3,456.5	\$3,529.3	\$3,645.2
Contributions as a percentage of covered-employee payroll	0.042 %	0.044 %	0.033 %	0.043 %	0.048 %	0.049 %

GASB standards require the presentation of 10 years of information. Because fiscal year 2018 (12/31/17 measurement date) was the first year for reporting this information, a full 10-year schedule will not be available until fiscal year 2027 (12/31/26 measurement date).

Postemployment Benefits - Supplemental Health Insurance Conversion Credit Program

Schedule of Changes in the Total OPEB Liability/(Asset) and Related Ratios (in millions)

As of the Measurement Date December 31

	2017	2018	2019	2020	2021	2022
Total OPEB Liability:						
Service cost	\$ 23.1	\$ 23.4	\$ 25.5	\$ 24.1	\$ 23.5	\$ 25.6
Interest	65.8	66.0	65.5	64.4	63.7	70.0
Difference between expected & actual experience	(31.6)	(41.6)	(55.3)	(47.6)	(36.2)	(39.9)
Changes of assumptions	—	25.2	—	—	120.4	—
Benefit payments	(56.4)	(55.4)	(52.9)	(49.5)	(52.6)	(52.5)
Net Change in Total OPEB Liability	0.9	17.6	(17.2)	(8.6)	118.8	3.2
Total OPEB Liability - Beginning	931.3	932.2	949.8	932.6	924.0	1,042.8
Total OPEB Liability - Ending	932.2	949.8	932.6	924.0	1,042.8	1,046.0
Plan Fiduciary Net Position:						
Contributions from employers	17.9	18.2	14.3	15.1	15.7	5.4
Net investment income	141.7	(36.5)	180.2	159.4	200.6	(175.2)
Administrative expense	(0.3)	(0.2)	(0.3)	(0.6)	(0.7)	(0.7)
Benefit payments	(56.4)	(55.4)	(52.9)	(49.5)	(52.6)	(52.5)
Net change in Plan Fiduciary Net Position	102.9	(73.9)	141.3	124.4	163.0	(223.0)
Plan Fiduciary Net Position – Beginning	914.1	1,017.0	943.1	1,084.4	1,208.8	1,371.8
Plan Fiduciary Net Position – Ending	1,017.0	943.1	1,084.4	1,208.8	1,371.8	1,148.8
Collective Net OPEB Liability/(Asset) – Beginning	17.2	(84.8)	6.7	(151.8)	(284.8)	(329.0)
Net change in Collective Net OPEB Liability/(Asset)	(102.0)	91.5	(158.5)	(133.0)	(44.2)	226.2
Collective Net OPEB Liability/(Asset) – Ending	\$ (84.8)	\$ 6.7	\$ (151.8)	\$ (284.8)	\$ (329.0)	\$ (102.8)
Plan Fiduciary Net Position as a percentage of the total OPEB Liability/(Asset)	109.10 %	99.29 %	116.28 %	130.82 %	131.55 %	109.83 %
Covered-employee payroll	\$ 4,454.5	\$ 4,562.6	\$ 4,796.1	\$ 5,018.5	\$ 5,215.5	\$ 5,423.5
Net OPEB Liability as a percentage of covered-employee payroll	(1.90)%	0.15 %	(3.17)%	(5.68)%	(6.31)%	(1.90)%

GASB standards require the presentation of 10 years of information. Because fiscal year 2018 (12/31/17 measurement date) was the first year for reporting* this information, a full 10-year schedule will not be available until fiscal year 2027 (12/31/26 measurement date).

Schedule of Contributions to Supplemental Health Insurance Conversion Credit OPEB Plan (in millions)

As of the Measurement Date December 31

	2017	2018	2019	2020	2021	2022
Contractually required contribution	\$ 17.9	\$ 18.2	\$ 14.4	\$ 15.1	\$ 15.7	\$ 5.4
Contributions in relation to the contractually required contribution	17.9	18.2	14.4	15.1	15.7	5.4
Contribution deficiency	—	—	—	—	—	—
Covered-employee payroll	\$4,454.5	\$4,562.6	\$4,796.1	\$5,018.5	\$5,215.5	\$5,423.5
Contributions as a percentage of covered-employee payroll	0.400 %	0.399 %	0.300 %	0.301 %	0.301 %	0.100 %

GASB standards require the presentation of 10 years of information. Because fiscal year 2018 (12/31/17 measurement date) was the first year for reporting* this information, a full 10-year schedule will not be available until fiscal year 2027 (12/31/26 measurement date).

*In FY 2020 it was determined that the SHICC Program was an OPEB to the State and should've been reported with the implementation of GASB 75. Therefore, FY 2020 was the first year it is reported in the statements.

State's Proportionate Share of the Net Pension Liability or Net Pension (Asset)

The State's proportionate share of the net pension liability (NPL) or net pension (asset) (NPA) of the Wisconsin Retirement System is provided below:

Fiscal Year*	State's Proportion of the NPL/(NPA) (a)	State's Proportionate Share of the NPL/(NPA) (b)	State's Covered Payroll (c)	State's Share of the NPL/(NPA) as a Percentage of Covered Payroll (b / c)	WRS' Net Position as a Percentage of the Total Pension Liability (d)
2023	28.7%	\$ 1,519,439,625	\$ 4,678,449,239	32.5%	95.7%
2022	(28.5)	(2,293,804,977)	4,540,800,913	(50.5)	106.0
2021	(28.1)	(1,756,102,234)	4,401,057,149	(39.9)	105.3
2020	(27.7)	(895,288,646)	4,159,693,791	(21.5)	103.0
2019	27.7	985,537,744	3,972,324,722	24.8	96.5
2018	(27.8)	(826,113,891)	3,867,555,186	(21.4)	102.9
2017	28.0	232,791,419	3,806,871,835	6.1	99.1
2016	28.1	455,475,378	3,790,475,424	12.0	98.2
2015	(28.0)	(686,873,469)	3,735,598,305	(18.4)	102.7

* The amounts presented were measured as of the calendar year-end or for the calendar year ended that occurred within the fiscal year listed.

GASB standards require the presentation of 10 years of information. Because fiscal year 2015 was the first year for reporting this information, a full 10-year schedule will not be available until fiscal year 2024.

State's Pension Contributions

The State's pension contributions to the Wisconsin Retirement System are provided below:

Fiscal Year*		State's Actuarially Determined Contributions (a)	State's Contributions Made (b)	Contribution Excess/ (Deficiency) (b - a)	State's Covered Payroll (c)	State's Contributions Made as a Percentage of Covered Payroll (b / c)
2023	\$	336,675,729	\$ 336,675,729	\$ —	\$ 4,678,449,239	7.2%
2022		333,860,600	333,860,600	—	4,540,800,913	7.4
2021		324,683,196	324,683,196	—	4,401,057,149	7.4
2020		292,078,527	292,078,527	—	4,159,693,791	7.0
2019		284,968,840	284,968,840	—	3,972,324,722	7.2
2018		280,500,929	280,500,929	—	3,867,555,186	7.3
2017		263,970,133	263,970,133	—	3,806,871,835	6.9
2016		270,985,300	270,985,300	—	3,790,475,424	7.2
2015		275,968,183	275,968,183	—	3,735,598,305	7.4

* The amounts presented were measured for the calendar year ended that occurred within the fiscal year listed.

GASB standards require the presentation of 10 years of information. Because fiscal year 2015 was the first year for reporting this information, a full 10-year schedule will not be available until fiscal year 2024.

Infrastructure Assets Reported Using the Modified Approach

The State has adopted the modified approach for reporting infrastructure assets. Under the modified approach, infrastructure assets are not depreciated as long as the State can demonstrate that these assets are properly managed and are being preserved at or above an established condition level. Instead of depreciation, the costs to maintain and preserve infrastructure assets are expensed, while additions and improvements are capitalized. The State owns approximately 11,200 centerline miles of road and 5,100 bridges.

Road Network

Condition assessments are completed on a two-year cycle with the most current results reported for each State road. The State completes the assessment of the Eastern half of the State in one year and the Western half of the State in the next. Numerous measures are used to assess the condition of the State's road network. The State has adopted the International Roughness Index (IRI), as defined by the Federal Highway Administration, as one of its condition measures. IRI is a direct measure of road roughness, with an IRI of 2.69 mm/m (170 inches/mile) or greater being defined as a "poor" ride. Roads with a "poor" IRI assessment may cause negative impacts for the traveling public by decreasing driver comfort and potentially increasing the damage to vehicles and goods. It is the State's policy to ensure no more than 15 percent of its roads receive a "poor" IRI assessment.

Recent condition assessment results are as follows:

Year Ended June 30	Miles of Road	Percent Rated "Poor"	Established Percent	Variance Favorable/ (Unfavorable)
2023	11,200	8.8	15.0	6.2
2022	11,200	7.8	15.0	7.2
2021	11,200	7.5	15.0	7.5
2020	11,200	7.6	15.0	7.4
2019	11,200	7.6	15.0	7.4
2018	11,200	7.4	15.0	7.6
2017	11,200	7.4	15.0	7.6
2016	11,200	8.9	15.0	6.1
2015	11,200	7.3	15.0	7.7
2014	11,200	8.3	15.0	6.7

Each year the State estimates the costs to maintain and preserve the road network at, or above, the established condition level. Actual maintenance/preservation costs compare to estimates as follows:

Year Ended June 30	Estimated Costs (In millions)	Actual Costs (In millions)	Variance (In millions) Favorable/ (Unfavorable)
2023	\$ 1,199.6	\$ 627.5	\$ 572.1
2022	1,265.2	688.9	576.3
2021	939.8	571.4	368.4
2020	828.6	671.0	157.6
2019	847.9	612.0	235.9
2018	748.0	616.7	131.3
2017	770.3	629.3	141.0
2016	617.6	564.7	52.9
2015	603.4	643.3	(39.9)
2014	619.4	605.9	13.5

Estimated costs are developed at the beginning of the fiscal year based on projects planned for the current and future years. The types of projects ultimately contracted and incurring costs during the year are often very different. In addition, the State of Wisconsin, Department of Transportation's multi-year contracting process, allowing encumbrances to carry forward, makes a comparison of actual to estimated amounts difficult since expenditures for the current year may have been budgeted and committed to a project in prior years.

Bridge Network

Condition assessments are completed on a two-year cycle, with more frequent inspections completed if warranted. The most current assessment results are reported for each State bridge, making the overall assessment a blend of measures completed in the current fiscal year and those completed in the prior year.

The structural condition rating is a broad measure of the condition of a bridge. Each bridge is rated using three National Bridge Inventory (NBI) condition codes and two NBI appraisal ratings. The three NBI condition codes are Deck Condition, Superstructure Condition, and Substructure Condition. The two NBI appraisal ratings are Structural Evaluation and Waterway Adequacy. The NBI uses a 10-point scale for condition codes and appraisal ratings. A bridge is considered "structurally deficient" if any condition code is 4 or less, or if either appraisal code is 2 or less.

“Structurally deficient” bridges cause negative impacts for the public by increasing the likelihood that heavy loads will need to be rerouted to less efficient routes, thus increasing logistic costs for State businesses. It is the State’s policy to ensure no more than 15 percent of its bridges are “structurally deficient”.

Recent condition assessment results are as follows:

Year Ended June 30	Number of Bridges	Percent Structurally Deficient	Established Percent	Variance Favorable/ (Unfavorable)
2023	5,100	2.1	15.0	12.9
2022	5,100	2.5	15.0	12.5
2021	5,100	2.3	15.0	12.7
2020	5,200	2.3	15.0	12.7
2019	5,200	2.6	15.0	12.4
2018	5,200	3.0	15.0	12.0
2017	5,200	3.1	15.0	11.9
2016	5,200	3.1	15.0	11.9
2015	5,200	3.2	15.0	11.8
2014	5,100	3.3	15.0	11.7

Each year, the State estimates the costs to maintain and preserve the bridge network at, or above, the established condition level. Actual maintenance/preservation costs compare to estimates as follows:

Year Ended June 30	Estimated Costs (In millions)	Actual Costs (In millions)	Variance (In millions) Favorable/ (Unfavorable)
2023	\$ 47.5	\$ 37.0	\$ 10.5
2022	58.0	58.6	(0.6)
2021	59.0	77.2	(18.2)
2020	107.3	67.5	39.8
2019	63.1	65.8	(2.7)
2018	92.1	89.9	2.2
2017	56.9	59.3	(2.4)
2016	78.6	128.3	(49.7)
2015	57.1	164.4	(107.3)
2014	261.2	131	130.2

Estimated costs are developed at the beginning of the fiscal year based on projects planned for the current and future years. The types of projects ultimately contracted and incurring costs during the year are often very different. The State of Wisconsin, Department of Transportation’s multi-year contracting process, allowing encumbrances to carry forward, makes a comparison of actual to estimated amounts difficult since expenditures for the current year may have been budgeted and committed to a project in prior years. Estimated and actual costs for 2014 have been restated from amounts reported in prior years due to an error in classification of costs on a capital project as maintenance/preservation costs.

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Budgetary Comparison Schedule - General Fund

For the Fiscal Year Ended June 30, 2023

(In Thousands)

	Original Budget	Final Budget	Actual Amounts
Unexpended Budgetary Fund Balances, Beginning of Year			\$ 8,902,075
Revenues and Transfers (Inflows):			
Taxes	\$ 20,905,981	\$ 21,021,332	21,007,229
Departmental:			
Tribal Gaming	21,729	—	19,675
Other	26,059,888 (A)	26,285,705 (A)	26,166,771
Transfers from:			
Nonmajor Governmental Funds	(A)	(A)	—
Nonmajor Enterprise Funds	(A)	(A)	—
Total Revenues and Transfers (Inflows)	46,987,599	47,307,037	47,193,675
Amounts Available for Appropriation			56,095,750
Appropriations (Outflows):			
Commerce	385,775	661,467	515,517
Education	15,439,121	18,463,880	16,489,204
Environmental Resources	280,538	471,906	335,419
Human Relations and Resources	17,670,129	26,075,935	21,786,871
General Executive	1,266,038	3,850,510	2,327,435
Judicial	158,132	164,135	160,032
Legislative	88,697	93,730	81,908
Tax Relief and Other General	3,059,835	3,105,302	2,825,810
Transfers to:			
Transportation Fund	97,289	97,289	97,289
Nonmajor Governmental Funds	—	—	540,712
Nonmajor Enterprise Funds	—	—	60,000
Total Appropriations (Outflows)	\$ 38,445,555	\$ 52,984,155	45,220,199
Fund Balances, End of Year			10,875,550
Less Encumbrances Outstanding at June 30, 2023			(2,451,549)
Fund Balances, End of Year - Budgetary Basis			<u>\$ 8,424,002</u>
Reconciliation of the End of Year,			
Budgetary Basis, Fund Balance to the Detail			
Reported in the Annual Fiscal Report:			
General Purpose:			
Designated			\$ 81,660
Undesignated			7,073,240
Total General Purpose			<u>7,154,900</u>
Program Revenue			<u>1,269,102</u>
Fund Balances, End of Year Budgetary Basis			<u><u>\$ 8,424,002</u></u>

(A) Interfund transfers to the General Fund were budgeted under departmental revenue during Fiscal Year 2023.

Budgetary Comparison Schedule - Transportation Fund

For the Fiscal Year Ended June 30, 2023

(In Thousands)

	Original Budget	Final Budget	Actual Amounts
Unexpended Budgetary Fund Balances, Beginning of Year			\$ 1,116,656
Revenues (Inflows):			
Taxes	\$ 1,158,599	\$ 1,158,599	1,158,599
Departmental	2,429,451	2,429,451	2,429,451
Transfers from:			
General Fund	97,289	97,289	97,289
Nonmajor Governmental Funds	14,582	14,582	14,582
Total Revenues (Inflows)	3,699,921	3,699,921	3,699,921
Amounts Available for Appropriation			4,816,577
Appropriations and Transfers (Outflows):			
Environmental Resources	3,154,451	7,195,863	3,648,284
General Executive	2,149	2,163	1,899
Tax Relief and Other General	24,030	25,752	24,053
Total Appropriations and Transfers (Outflows)	\$ 3,180,630	\$ 7,223,778	3,674,236
Fund Balances, End of Year			1,142,341
Less Encumbrances Outstanding at June 30, 2023			(2,301,751)
Fund Balances, End of Year			
Budgetary Basis			\$ (1,159,409)

Notes To Required Supplementary Information

NOTE 1. BUDGETARY INFORMATION

A. Budgetary – GAAP Reporting Reconciliation

The accompanying Budgetary Comparison Schedule compares the legally adopted budget (more fully described in RSI Note 1-B) with actual data on a budgetary basis. Because accounting principles applied for purposes of developing data on the budgetary basis differ significantly from those used to present financial statements in conformity with generally accepted accounting principles (GAAP), a reconciliation of basis and perspective differences as of June 30, 2023 is presented below (in thousands):

	General Fund	Transportation Fund
Fund balance June 30, 2023 (budgetary basis – budgetary fund structure):		
General Purpose Revenue – fund balance per budgetary basis <i>Annual Fiscal Report</i>		
Undesignated fund balance	\$ 7,073,240	
Designated fund balance	81,660	
Total General Purpose Revenue fund balance	7,154,900	
Program Revenue – fund balance per budgetary basis <i>Annual Fiscal Report</i>	1,269,102	
Fund balance June 30, 2023 (budgetary basis – budgetary fund structure) as reported on the budgetary comparison schedule	8,424,002	\$ (1,159,409)
Reclassifications:		
To eliminate encumbrances reported as expenditures under budgetary reporting (<i>basis difference</i>)	2,451,549	2,301,751
To eliminate the effect of uncollected revenue adjustments under budgetary reporting (<i>basis difference</i>)	322,057	
To include activities of funds such as the Medical Assistance Trust, Hospital Assessment, Critical Hospital Assessment, Budget Stabilization, and Permanent Endowment Funds (reported as special revenue funds under budgetary reporting) as part of the General Fund (<i>perspective difference</i>)	2,195,846	—
To remove activities reported in another GAAP fund type (<i>perspective differences</i>):		
Enterprise funds (except for the University of Wisconsin System)	(2,998)	—
University of Wisconsin System	(1,562,629)	—
Internal Service funds	(86,285)	—
Transportation Revenue Bonds capital project fund	—	4,044
Fund balance June 30, 2023 (GAAP fund structure – budgetary basis, excluding encumbrances treated as expenditures at year end)	11,741,541	1,146,386
Adjustments (<i>basis differences</i>):		
To accrue receivables and establish payables for individual income taxes (net)	(1,201,405)	—
To defer revenues for gross receipts public utility taxes	(300,373)	—
To adjust revenues and expenditures for tax-related items and other tax credit/aid programs (net)	(675,325)	(1,724)
To adjust expenditures for the intergovernmental shared revenue program	(500,773)	—
To adjust expenditures for State property tax credit/relief program	(803,614)	—
To record unspent ARPA funds as unearned as of 6/30/2023	(1,430,924)	—
To accrue unpaid Medicaid payments to providers (net of receivable from federal government)	(147,460)	—
To adjust revenues and expenditures for certain major Health Services, and Children and Families human services payments to local governments	(165,602)	—
To accrue receivable for Medicaid drug rebates (net of payable to federal government)	198,691	—
To accrue WHISP payments and claims	(68,794)	—
To adjust expenditures/revenues for other Health Services, Workforce Development, Children and Families, and Corrections accruals and deferrals	(74,246)	—
To recognize the tobacco settlement revenue receivable	65,004	—
To adjust expenditures and revenues for State Energy Program and other revolving loan programs	293	—
To adjust revenues and expenditures for other items (net)	38,026	212,247
Fund balance June 30, 2023 (GAAP fund structure – GAAP basis) as reported on the governmental fund statements	\$ 6,675,041	\$ 1,356,909

B. Budgetary Basis of Accounting

The State's biennial budget is prepared using a modified cash basis of accounting. The final budget is primarily a general purpose revenue and expenditure budget. General purpose revenues consist of general taxes and miscellaneous receipts which are paid into the General Fund, lose their identity, and are then available for appropriation by the Legislature. The remaining revenues consist of program revenues, which are credited by law to an appropriation to finance a specified program or State agency, and segregated revenues which are paid into separate identifiable funds.

While State departments and agencies are required to submit estimates of expected revenues for program revenue and segregated revenue categories, these estimates are not formally incorporated into the adopted budget except for revenue estimates of the Lottery Fund. As a result, legally budgeted revenues for these categories are not available and, consequently, actual amounts are reported in the budget column of the Budgetary Comparison Schedules.

Expenditure budgeting differs for the various types of appropriations. For most appropriations, budgeted expenditures equal the amount from the adopted budget plus any subsequent legislative or administrative revisions. Various supplemental appropriations were approved during the year and have been incorporated into the budget figures.

While State statutes prohibit spending beyond budgetary authority, a provision is made to include the value of accounts receivable, inventories and work in process in identifying available revenues. The State also utilizes nonbudget accounts for which no budget is established but expenditures may be incurred. As a result, actual expenditures may exceed budgeted amounts in certain categories.

The budgetary basis of accounting required by State law differs materially from the basis used to report revenues and expenditures in accordance with GAAP. Other variances arise because the State's biennial budget is developed according to the statutorily required fund structure which differs extensively from the fund structure used in the GAAP basis financial statements. This difference is primarily caused by the elimination of the University of Wisconsin System, and various fiduciary, proprietary and other governmental fund activities from the statutorily General and Transportation funds. In addition, funds such as the Medical Assistance Trust, Hospital Assessment, Budget Stabilization and Permanent Endowment, special revenue funds under statutory reporting, are included as part of the General Fund under GAAP reporting. As a consequence of these differences, a reconciliation between budgetary basis and GAAP basis is provided in Note 1-A of the notes to the required supplementary information.

The Budgetary Comparison Schedules for the General and the Transportation Fund present both the original and final appropriated budgets, as well as the actual inflows, outflows, and fund balance on the budgetary basis. The supplementary budget comparison schedule provides this same information (with the exception of the original budget data) for the nonmajor governmental funds with annual budgets. The capital project and debt service funds are excluded from this schedule because no comprehensive budget is approved for these funds. One special revenue fund, the Wisconsin Public Broadcasting Foundation, has been excluded from reporting because it is a blended component unit that is neither budgeted nor included under statutory reporting. Of the permanent funds, only the Historical Society Fund and a portion of the Common School and Normal School funds are budgeted.

The State's biennial budget was enacted on July 8, 2021 and published on July 9, 2021. This legislation is recognized by State officials as the original budget and is treated as such on the Budgetary Comparison Schedules.

While the legal level of budgetary control for the reported funds is maintained at the appropriation line as specified by the Legislature in Chapter 20 of the Wisconsin Statutes, this level of detail is impractical for inclusion in the Annual Comprehensive Financial Report. Accordingly, a supplementary report is available upon request which provides budgetary comparisons at the legal level of control.

Unexpended appropriation balances lapse at year-end or forward to the subsequent fiscal year depending on the type of appropriation involved:

- *Continuing* - unexpended balances automatically forward to ensuing years until fully depleted or repealed by subsequent action of the Legislature.
- *Annual*:
 - *General Purpose Revenue* - unencumbered balances lapse at year end.
 - *Program Revenue* - unexpended cash balances may be forwarded to the next fiscal year.
- *Biennial* - unexpended balances or deficits automatically forward to the second year. At the end of the second year all unencumbered general purpose revenue balances lapse.
- *Sum sufficient* - moneys are appropriated and expended in the amounts necessary to accomplish the purpose specified.

Encumbrances may be carried over to the next fiscal year as a revision to the budgetary appropriation with Department of Administration approval. Under budgetary reporting, encumbrances are treated like expenditures and are shown as a reduction of fund balance.

