

PRELIMINARY OFFICIAL STATEMENT DATED OCTOBER 25, 2019

NEW ISSUE – BOOK-ENTRY ONLY

RATINGS: SEE “RATINGS” HEREIN

Subject to compliance by the State with certain covenants, in the separate opinions of Chapman and Cutler LLP, Chicago, Illinois, and Hardwick Law Firm, LLC, Chicago, Illinois, under present law, interest on the Bonds is excludable from gross income of the owners thereof for federal income tax purposes and is not included as an item of tax preference in computing the federal alternative minimum tax for individuals. Interest on the Bonds is not exempt from present State of Illinois income taxes. See “TAX MATTERS” herein for a more complete discussion.



\$750,000,000
STATE OF ILLINOIS
General Obligation Bonds,
Series of November 2019
\$300,000,000 Series of November 2019A
\$300,000,000 Series of November 2019B
\$150,000,000 Series of November 2019C

Dated: Date of Delivery

Due: As shown on the inside cover

This Official Statement contains information relating to the State of Illinois (the “State”) and the State’s general obligation bonds, to be issued as General Obligation Bonds, Series of November 2019, in three separate series: General Obligation Bonds, Series of November 2019A (the “November 2019A Bonds”), General Obligation Bonds, Series of November 2019B (the “November 2019B Bonds”), and General Obligation Bonds, Series of November 2019C (the “November 2019C Bonds” and, together with the November 2019A Bonds and the November 2019B Bonds, the “Bonds”). The Bonds will be issued only as fully registered book-entry bonds in denominations of \$5,000 or any integral multiple of that amount. The Bonds, when issued, will be registered in the name of Cede & Co., as nominee of The Depository Trust Company (“DTC”), New York, New York, and held under DTC’s global book-entry system. The Bonds will mature on the dates, in the principal amounts, bear interest at the rates per annum and have the prices, yields and CUSIP numbers as shown on the inside cover of this Official Statement. Interest on the Bonds will be payable on May 1 and November 1 of each year, commencing May 1, 2020.

The Bonds are subject to redemption prior to maturity as set forth herein.

The Bonds are direct, general obligations of the State, secured by a pledge of its full faith and credit. The Bonds are issued under the General Obligation Bond Act of the State of Illinois, as amended. The Bonds are issued to provide funds to finance capital projects under the State’s capital program and pay costs associated with the issuance of the Bonds.

The Bonds are offered when, as and if issued by the State and received by the Purchasers, subject to prior sale, withdrawal or modification of the offer without notice, and to the approval of legality by Chapman and Cutler LLP, Chicago, Illinois, and Hardwick Law Firm, LLC, Chicago, Illinois, Co-Bond Counsel, and certain other conditions. Chapman and Cutler LLP, Chicago, Illinois, is also acting as Disclosure Counsel to the State. It is expected that beneficial interests in the Bonds will be available for delivery through the facilities of DTC on or about November 21, 2019.

Dated: November __, 2019

**MATURITIES, PRINCIPAL AMOUNTS, INTEREST RATES, YIELDS,
PRICES AND CUSIP NUMBERS**

\$300,000,000 General Obligation Bonds, Series of November 2019A

Due November 1	Principal Amount	Interest Rate	Yield	Price	CUSIP*
2020	\$30,000,000				
2021	30,000,000				
2022	30,000,000				
2023	30,000,000				
2024	30,000,000				
2025	30,000,000				
2026	30,000,000				
2027	30,000,000				
2028	30,000,000				
2029	30,000,000				

\$300,000,000 General Obligation Bonds, Series of November 2019B

Due November 1	Principal Amount	Interest Rate	Yield	Price	CUSIP*
2030	\$30,000,000				
2031	30,000,000				
2032	30,000,000				
2033	30,000,000				
2034	30,000,000				
2035	30,000,000				
2036	30,000,000				
2037	30,000,000				
2038	30,000,000				
2039	30,000,000				

\$150,000,000 General Obligation Bonds, Series of November 2019C

Due November 1	Principal Amount	Interest Rate	Yield	Price	CUSIP*
2040	\$30,000,000				
2041	30,000,000				
2042	30,000,000				
2043	30,000,000				
2044	30,000,000				

* CUSIP is a registered trademark of American Bankers Association. CUSIP data in this Official Statement are provided by CUSIP Global Services LLC, managed on behalf of the American Bankers Association by S&P Capital IQ, a part of McGraw-Hill Financial, Inc. The CUSIP numbers listed are being provided solely for the convenience of the bondholders only at the time of issuance of the Bonds and the State does not make any representation with respect to such numbers or undertake any responsibility for their accuracy now or at any time in the future. The CUSIP number for a specific maturity may be changed after the issuance of the Bonds as a result of various subsequent actions including, but not limited to, a refunding in whole or in part of such maturity or as a result of various subsequent actions including, but not limited to, a refunding in whole or in part of such maturity or as a result of the procurement of secondary market portfolio insurance or other similar enhancement by investors that is applicable to all or a portion of certain maturities of the Bonds.

STATE OF ILLINOIS



\$750,000,000

State of Illinois

General Obligation Bonds,

Series of November 2019

\$300,000,000 Series of November 2019A

\$300,000,000 Series of November 2019B

\$150,000,000 Series of November 2019C

JB Pritzker

Governor

Alexis Sturm

Director of the Governor's Office of Management and Budget

Paul Chatalas

Director of Capital Markets

[THIS PAGE INTENTIONALLY LEFT BLANK]

PREFACE

No dealer, broker, salesperson, or other person has been authorized by the State of Illinois or the Purchasers to give any information or to make any representations other than those contained in this Official Statement and, if given or made, such other information or representations must not be relied upon as having been authorized by the State. This Official Statement does not constitute an offer to sell or the solicitation of an offer to buy, nor shall there be any sale of the Bonds by any person in any jurisdiction in which it is unlawful for such person to make such offer, solicitation or sale. The information and expressions of opinion set forth herein have been furnished by the State and include information from other sources which the State believes to be reliable. Such information and expressions of opinion are subject to change without notice, and neither the delivery of this Official Statement nor any sale made hereunder shall under any circumstances create any implication that there has been no change since the date thereof.

In connection with the offering of the Bonds, the Purchasers may over-allot or effect transactions which stabilize or maintain the market prices of the Bonds at levels above those which might otherwise prevail in the open market. Such stabilizing, if commenced, may be discontinued at any time. The Purchasers may offer and sell the Bonds to certain dealers and dealer banks and banks acting as agents at prices lower than the public offering prices stated on the inside cover page hereof and such public offering prices may be changed from time to time by the Purchasers.

In making an investment decision, investors must rely on their own examination of the terms of the offering, including the merits and risks involved. These securities have not been recommended by any federal or state securities commission or regulatory authority. Furthermore, the foregoing authorities have not confirmed the accuracy or determined the adequacy of this document. Any representation to the contrary is a criminal offense.

References in this Official Statement to statutes, laws, rules, regulations, resolutions, agreements, reports and documents do not purport to be comprehensive or definitive, and all such references are qualified in their entirety by reference to the particular document, the full text of which may contain qualifications of and exceptions to statements made herein. This Official Statement is submitted in connection with the sale of the Bonds referred to herein and may not be reproduced or used, in whole or in part, for any other purposes.

FORWARD-LOOKING STATEMENTS

This Official Statement contains disclosures which contain “forward-looking statements.” Forward-looking statements include all statements that do not relate solely to historical or current fact, and can be identified by use of words like “may,” “believe,” “will,” “expect,” “project,” “estimate,” “anticipate,” “plan,” or “continue.” These forward-looking statements are based on the current plans and expectations of the State and are subject to a number of known and unknown uncertainties and risks, many of which are beyond its control, that could significantly affect current plans and expectations and the State’s future financial position including but not limited to changes in general economic conditions, demographic trends and federal programs which may affect the transfer of funds from the federal government to the State. As a consequence, current plans, anticipated actions and future financial positions may differ from those expressed in any forward-looking statements made by the State herein. Investors are cautioned not to unduly rely on such forward-looking statements when evaluating the information presented in this Official Statement.

WEBSITE INDEX

APPENDIX F—WEBSITE INDEX contains a list of the websites referenced in this Official Statement. Except as otherwise provided herein, none of the information on these websites is being incorporated by reference into this Official Statement and the links to such websites are being provided only for the convenience of those reading this Official Statement. The State takes no responsibility for any information contained on such websites unrelated to the statements made in this Official Statement or for revisions to information on such websites occurring after the date of this Official Statement. State employees or officers may from time to time make statements or post information to such websites that are constitutionally protected political speech. Such statements are not intended to constitute communication to the investor community concerning the securities or the financial condition of the State. The State disseminates and discloses certain information, including material updates to the State’s bond disclosures, through EMMA (as defined herein). None of the websites listed in APPENDIX F—WEBSITE INDEX is intended to act as a substitute for the disclosure of the information regarding the State posted on EMMA, nor do these websites necessarily include all of the information regarding the State currently disclosed on EMMA. Please review the State’s filings on EMMA for current information on the State’s disclosures.

[THIS PAGE INTENTIONALLY LEFT BLANK]

SUMMARY OF TERMS OF THE BONDS

This Summary is subject in all respects to more complete information contained in the Official Statement and its Appendices, to which this Summary is attached. The offering of the Bonds to any person is made only by means of the Official Statement, which should be reviewed carefully in its entirety. Capitalized terms not defined in this Summary are defined in the Official Statement.

The Issue	\$750,000,000 State of Illinois General Obligation Bonds, Series of November 2019 issued in three separate series: \$300,000,000 Series of November 2019A (the “November 2019A Bonds”), \$300,000,000 Series of November 2019B (the “November 2019B Bonds”), and \$150,000,000 Series of November 2019C (the “November 2019C Bonds” and, together with the November 2019A Bonds and the November 2019B Bonds, the “Bonds”). The Bonds will be dated the date of delivery, with delivery anticipated on or about November 21, 2019. The Bonds mature on November 1 in each of the years set forth on the inside cover of this Official Statement.
The Issuer	State of Illinois (the “State”).
Interest	Payable semi-annually on May 1 and November 1 of each year, commencing May 1, 2020. Payment of the installments of interest will be made to the registered owners of the Bonds as shown on the bond register at the close of business on the 15th day of the calendar month immediately preceding the interest payment date.
Form of Bonds; Denominations; Book-Entry System	The Bonds will be issued as fully registered book-entry bonds in denominations of \$5,000 or any integral multiple of that amount. The Bonds will be registered in the name of Cede & Co., as nominee of The Depository Trust Company, New York, New York (“DTC”), and will be held under DTC’s global book-entry system. See APPENDIX C—GLOBAL BOOK-ENTRY SYSTEM.
Use of Proceeds	The Bonds are being issued to provide funds to finance capital projects under the State’s capital program and to pay costs of issuance of the Bonds. See “THE OFFERING—APPLICATION OF BOND PROCEEDS.”

Optional Redemption

The November 2019A Bonds are not subject to optional redemption prior to maturity. The November 2019B Bonds and November 2019C Bonds are subject to redemption prior to maturity, at the option of the State on any date on or after November 1, 2029, in whole, or in part in integral multiples of \$5,000, and if in part from such series and maturities as shall be selected by the State, less than all of the Bonds of a single series and maturity to be selected as described under “THE OFFERING—REDEMPTION—*Redemption Procedure*,” at a redemption price equal to 100% of the principal amount of the Bonds to be redeemed, plus accrued interest to the date of redemption. See “THE OFFERING—REDEMPTION—*Optional Redemption*.”

Mandatory Sinking Fund Redemption

The Bonds maturing on November 1, 20___, are subject to mandatory sinking fund redemption prior to maturity, at a redemption price equal to the principal amount to be redeemed plus accrued interest to the date of redemption, as provided in this Official Statement. See “THE OFFERING—REDEMPTION—*Mandatory Redemption*.”

Security for the Bonds; Provisions for Payment Are Irrepealable

The Bonds are direct, general obligations of the State and, pursuant to Section 9(a) of Article IX of the Illinois Constitution and the General Obligation Bond Act of the State of Illinois, as amended (the “Bond Act”), the full faith and credit of the State is pledged for the punctual payment of interest on all bonds issued under the Bond Act, including the Bonds, as it comes due and for the punctual payment of the principal of all bonds issued under the Bond Act, including the Bonds, at maturity, or on any earlier redemption date, and redemption premium, if any. These provisions are irrepealable until all bonds issued under the Bond Act, including the Bonds, are paid in full as to both principal and interest. See “SECURITY.”

The Bond Act creates a separate fund in the State Treasury called the “General Obligation Bond Retirement and Interest Fund” (the “GOBRI Fund”) to be used for repayment of all bonds issued under the Bond Act. On or before the last day of each month, the Bond Act requires the Illinois State Treasurer (the “Treasurer”) and the Illinois State Comptroller (the “Comptroller”) to transfer from the General Revenue Fund to the GOBRI Fund an amount sufficient to pay the aggregate amount of principal of, interest on and redemption premium, if any, on all bonds issued under the Bond Act payable on the next payment date, divided by the number of full calendar months between the date of such bonds and the first such payment date, and thereafter, divided by the number of months between each succeeding payment date after the first payment date. With respect to bonds issued under Section 4(a) and Section 4(e) of the Bond Act or bonds issued under the authorization of Public Act 98-781 (or bonds issued to refund such bonds), the Treasurer and the Comptroller are required to make such transfers from the Road Fund. Historical fund transfers to the GOBRI Fund are further detailed under “SECURITY—STATE FUNDING PAYMENTS.”

See “GENERAL OBLIGATION INDEBTEDNESS — OUTSTANDING GENERAL OBLIGATION BONDS” for a description of the general obligation bonds authorized, previously issued and outstanding under the Bond Act and prior bond acts.

**Irrevocable and
Continuing Appropriation**

The Bond Act requires the Governor of the State (the “Governor”) to include in each annual State Budget an appropriation of moneys in an amount as will be necessary and sufficient, for the period covered by such Budget, to pay the interest, as it becomes payable, on all outstanding bonds issued under the Bond Act and to pay and discharge the principal and redemption premium, if any, of bonds falling due during such period.

The Bond Act requires the Illinois General Assembly to make appropriations annually to pay the principal of, interest on and redemption premium, if any, on outstanding bonds issued under the Bond Act from the GOBRI Fund.

The Bond Act itself constitutes an irrevocable and continuing appropriation of all amounts necessary to pay the principal of, interest on and redemption premium, if any, on outstanding bonds issued under the Bond Act, and the irrevocable and continuing authority for and direction to the Treasurer and the Comptroller to make the necessary transfers, as directed by the Governor, out of and disbursements from the revenues and funds of the State. See “SECURITY.”

Tax Treatment of Interest

In the separate opinions of Chapman and Cutler LLP, Chicago, Illinois, and Hardwick Law Firm, LLC, Chicago, Illinois, Co-Bond Counsel, to be delivered upon the issuance of the Bonds, under present law, interest on the Bonds is excludable from gross income of the owners thereof for federal income tax purposes and is not included as an item of tax preference in computing the federal alternative minimum tax for individuals. Interest on the Bonds is not exempt from present State of Illinois income taxes. See “TAX MATTERS” for a more complete discussion.

Ratings

Moody’s Investors Service, Inc. has assigned a rating of “Baa3” (Stable Outlook) to the Bonds, S&P Global Ratings has assigned a rating of “BBB-” (Stable Outlook) to the Bonds and Fitch Ratings Inc. has assigned a rating of “BBB” (Stable Outlook) to the Bonds. See “RATINGS.”

Miscellaneous

Additional information regarding the Bonds and this Official Statement is available by contacting the Governor’s Office of Management and Budget, 100 West Randolph Street, Suite 15-100, Chicago, Illinois 60601; telephone: (312) 814-0023.

TABLE OF CONTENTS

INTRODUCTION 1

 Security 2

 Tax Treatment of Interest..... 2

 Website Index 2

 Authority for Issuance..... 2

THE OFFERING 3

 Description of Bonds 3

 Redemption 4

 Plan of Finance 6

 Application of Bond Proceeds 6

SECURITY 7

 Direct, General Obligations 7

 State Funding Payments..... 8

CERTAIN INVESTMENT CONSIDERATIONS 10

 Investment Considerations Relating to the Financial Condition of the State 10

STATE OF ILLINOIS 14

 Organization..... 14

 Constitutional Provisions 15

 Governor’s Office of Management and Budget..... 16

STATE FINANCIAL INFORMATION 16

 Sources 16

 Measurement Bases 16

 Financial Reports 16

 Net Position of Governmental Activities 17

 Financial Results: FY2014-FY2018 17

 Accounts Payable..... 21

 Authorization for Expenditures in the Absence of a Budget – Fiscal Years
 2016 and 2017..... 21

 Review of Fiscal Year 2016..... 22

 Review of Fiscal Year 2017..... 23

 Review of Fiscal Year 2018..... 25

 Review of Fiscal Year 2019 Performance 29

 Fiscal Year 2020 Budget..... 29

 Rebuild Illinois Program..... 33

 Collective Bargaining 35

 Economic and Fiscal Policy Report: FY 2020–FY 2025..... 36

GENERAL OBLIGATION INDEBTEDNESS.....	36
Outstanding General Obligation Bonds.....	36
Short-Term Debt.....	40
Investment of Funds.....	40
Future Financings.....	40
REVENUE OBLIGATIONS	41
State Revenue Bonds	41
Build Illinois	41
Metropolitan Exposition and Auditorium Authorities—Civic Center Program.....	41
State Authority Revenue Bonds.....	43
Metropolitan Pier and Exposition Authority—Expansion Project Bonds	43
Illinois Sports Facilities Authority.....	43
Railsplitter Tobacco Settlement Authority	43
Moral Obligation Bonds and Other Moral Obligation Commitments.....	46
Agricultural Loan Guarantee Program.....	47
PENSION AND OTHER POST EMPLOYMENT BENEFITS	47
LITIGATION.....	47
<i>John Tillman and Warlander Asset Management, LP v. J.B. Pritzker, Michael</i>	
<i>W. Frerichs and Susana A. Mendoza</i>	47
<i>Beeks v. Bradley and Memisovski v. Maram</i>	48
<i>Illinois (Dep’t of Central Mgmt. Servs.) v. ILRB</i>	48
<i>N.B. v. Eagleson</i>	49
<i>Ligas v. Eagleson</i>	49
<i>Rasho v. Walker</i>	50
<i>Grant v. Dimas</i>	50
<i>Brock v. Dimas</i>	51
<i>Cahokia Unit School District No. 187 v. Gov. Rauner and the State of Illinois</i>	51
<i>Koss v. Eagleson and Hou</i>	52
RATINGS	52
PURCHASE.....	53
TAX MATTERS.....	53
CONTINUING DISCLOSURE	55
CERTAIN LEGAL MATTERS.....	56
AUDITED FINANCIAL STATEMENTS.....	57
MUNICIPAL ADVISOR.....	57

ADDITIONAL INFORMATION.....	57
MISCELLANEOUS	58
APPENDIX A—CERTAIN INFORMATION REGARDING THE STATE OF ILLINOIS.....	A-1
Part I: Measures of Debt Burden	A-1
Part II: Historical State Receipts, Appropriations and Disbursements	A-3
Part III: Economic Data	A-6
Part IV: Tax Review	A-12
APPENDIX B—FORM OF APPROVING OPINION OF CO-BOND COUNSEL.....	B-1
APPENDIX C—GLOBAL BOOK-ENTRY SYSTEM.....	C-1
APPENDIX D—FORM OF CONTINUING DISCLOSURE UNDERTAKING.....	D-1
APPENDIX E—PENSION AND OTHER POST EMPLOYMENT BENEFITS	E-1
APPENDIX F—WEBSITE INDEX	F-1
APPENDIX G—ACCOUNTING PRACTICES USED IN STATE FINANCIAL INFORMATION.....	G-1
APPENDIX H—OFFICIAL NOTICE OF BOND SALE AND BID FORMS	H-1

INDEX TO TABLES

Table Number	Title	Page
1	Cash Balances by Fund Category as of End of Fiscal Years 2015–2019.....	8
2	General Obligation Bonds Transfers to the GOBRI Fund for Payment of Debt Service Fiscal Years 2015-2019.....	10
3	General Funds Analysis of Revenues	19
4	General Funds Analysis of Expenditures.....	20
5	Accounts Payable as of the End of Each Fiscal Year 2014-2018.....	21
6	General Obligation Bond Authorization.....	37
7	Maturity Schedule – General Obligation Bonds.....	38
8	Outstanding General Obligation Bonds.....	39
9	Maturity Schedule – State Revenue Bonds.....	42
10	Maturity Schedule – State Authority Revenue Bonds	45
A-1	Ratio of General Obligation Debt Service to Total General and Road Fund Appropriations Fiscal Years 2015-2019	A-1
A-2	Ratio of General Obligation Debt Outstanding to Illinois Personal Income Fiscal Years 2015-2019	A-1
A-3	General Obligation Debt Per Capita – Illinois Fiscal Years 2015-2019.....	A-2
A-4	10 Year History of Receipts, Appropriations and Warrants.....	A-3
A-5	Cash Receipts and Disbursement – General Funds Fiscal Years 2015-2019	A-4
A-6	Cash Receipts and Disbursements – Road Fund Fiscal Years 2015-2019	A-5
A-7	Per Capita Real GDP (Chained 2012 Dollars) Calendar Years 2014-2018.....	A-6
A-8	Non-Agricultural Payroll Jobs by Industry Calendar Year 2018.....	A-6
A-9	Agricultural Exports Calendar Year 2017	A-7
A-10	Per Capita Personal Income Calendar Years 2014-2018.....	A-8
A-11	Unemployment Rate Calendar Years 2014-2018	A-9
A-12	Population Illinois and Selected Metropolitan Statistical Areas by Census Years	A-10
A-13	Illinois Population by Age Group by Calendar Year.....	A-10
A-14	Illinois-Based Companies Included in the Fortune 500.....	A-11
G-1	General Funds Summary of Transactions Fiscal Year Ended June 30, 2018.....	G-4
G-2	State of Illinois General Funds Reconciliation – Fiscal Year 2018.....	G-5

\$750,000,000
State of Illinois
General Obligation Bonds,
Series of November 2019
\$300,000,000 Series of November 2019A
\$300,000,000 Series of November 2019B
\$150,000,000 Series of November 2019C

INTRODUCTION

This Introduction contains only a brief summary of certain terms of the Bonds being offered and a brief description of this Official Statement. All statements contained in this Introduction are qualified in their entirety by reference to the entire Official Statement. References to, and summaries of, provisions of the Illinois Constitution of 1970 (the “Illinois Constitution”) and laws of the State of Illinois (the “State”) and any documents referred to herein do not purport to be complete and such references are qualified in their entirety by reference to the complete provisions thereof.

The purpose of this Official Statement (which includes the cover page and the Appendices) is to set forth certain information concerning the State and the State’s \$750,000,000 General Obligation Bonds, Series of November 2019 issued in three separate series: \$300,000,000 Series of November 2019A (the “November 2019A Bonds”), \$300,000,000 Series of November 2019B (the “November 2019B Bonds”), and \$150,000,000 Series of November 2019C (the “November 2019C Bonds” and, together with the November 2019A Bonds and the November 2019B Bonds, the “Bonds”).

The Bonds are being issued to finance capital projects under the State’s capital program and to pay costs associated with the issuance of the Bonds. The use of the proceeds of the Bonds is more completely described under “THE OFFERING—APPLICATION OF BOND PROCEEDS.” The Bonds are issued pursuant to the provisions of the General Obligation Bond Act of the State of Illinois (30 ILCS 330/1 et seq.), as amended (the “Bond Act”).

Illinois is a sovereign state of the United States and is an issuer of debt securities. The State’s powers and functions are subject to the Illinois Constitution and to laws adopted by the Illinois General Assembly (the “General Assembly”), limited only by federal law and the State’s jurisdiction. See “STATE OF ILLINOIS.”

Illinois is a state of diversified economic strengths. The State has a population of over 12 million, with per capita personal income that exceeds that of the United States and the Great Lakes region. The State has a broad employment base and diverse workforce composition that mirrors the United States as a whole. The State is home to 36 Fortune 500 companies, many of which are located in Chicago, the State’s largest city and the largest city in the Midwest. The State is a major transportation hub, with five major trucking routes intersecting in the State, as well as being the only state where all seven Class 1 transcontinental railroads operate. O’Hare International Airport is the nation’s third busiest airport, maintaining direct flights to national and worldwide destinations, making it a key passenger and freight handling facility. In addition, Chicago Midway International Airport is the nation’s 27th busiest airport. See “STATE OF ILLINOIS,” “STATE FINANCIAL INFORMATION” and APPENDIX A—CERTAIN INFORMATION REGARDING THE STATE OF ILLINOIS for additional information regarding the State.

SECURITY

The Bonds are direct, general obligations of the State (“GO Bonds”), and, pursuant to the Bond Act, the full faith and credit of the State is pledged for the punctual payment of interest on all GO Bonds issued under the Bond Act, including the Bonds, as it comes due and for the punctual payment of the principal thereof at maturity, or any earlier redemption date, and premium, if any. These provisions of the Bond Act are irrevocable until all GO Bonds issued under the Bond Act are paid in full as to both principal and interest. See “SECURITY—STATE FUNDING PAYMENTS.”

TAX TREATMENT OF INTEREST

In the separate opinions of Chapman and Cutler LLP, Chicago, Illinois, and Hardwick Law Firm, LLC, Chicago, Illinois (collectively, both firms are referred to herein as “Co-Bond Counsel”), to be delivered upon the issuance of the Bonds, under present law, interest on the Bonds is excludable from gross income of the owners thereof for federal income tax purposes and is not included as an item of tax preference in computing the federal alternative minimum tax for individuals. Interest on the Bonds is not exempt from present State of Illinois income taxes. See “TAX MATTERS” for a more complete discussion.

WEBSITE INDEX

APPENDIX F—WEBSITE INDEX contains a list of the websites referenced in this Official Statement. Except as otherwise provided herein, none of the information on these websites is being incorporated by reference into this Official Statement and the links to such websites are being provided only for the convenience of those reading this Official Statement.

AUTHORITY FOR ISSUANCE

GO Bonds of the State may be authorized by a vote of three-fifths of the members of each house of the General Assembly or by a majority of the voters at a general election. See “STATE OF ILLINOIS—CONSTITUTIONAL PROVISIONS—*Constitutional Provisions Relating to Long-Term Borrowing.*” The Bond Act, which has been approved by the requisite three-fifths vote of each house of the General Assembly, authorizes the issuance of multiple capital and special purpose GO Bonds in the aggregate amount of \$78,256,839,969, excluding GO refunding bonds. The State’s authorization to issue GO Bonds was substantially increased during Fiscal Year 2019 as a result of the enactment of the State’s Rebuild Illinois Program (as hereinafter defined). See “STATE FINANCIAL INFORMATION—REBUILD ILLINOIS PROGRAM” herein.

The Bond Act further authorizes the issuance of GO Bonds in the amount of up to \$4,839,025,000, at any time and from time to time outstanding, for the purpose of refunding any outstanding GO Bonds.

Public Act 100-23 amended the Bond Act to add Section 7.6, which authorized the additional issuance of GO Bonds in the amount of up to \$6,000,000,000 (collectively, the “Initial Section 7.6 Bonds”), the proceeds of which were to be used for the purpose of paying vouchers incurred by the State prior to July 1, 2017. The Initial Section 7.6 Bonds in the aggregate principal amount of \$6,000,000,000 were issued on November 8, 2017 and the proceeds were spent to pay vouchers as described under “STATE FINANCIAL INFORMATION—FISCAL YEAR 2018 BUDGET” herein. Public Act 101-30 amended Section 7.6 to authorize the issuance of additional GO Bonds (the “Additional Section 7.6 Bonds” and together with the Initial Section 7.6 Bonds, the “Section 7.6 Bonds”) in the amount of \$1,200,000,000 for the purpose of paying vouchers incurred by the State more than 90 days prior to the date on which the Additional Section 7.6 Bonds are issued. None

of the Additional Section 7.6 Bonds have been issued at this time. See “GENERAL OBLIGATION INDEBTEDNESS—FUTURE FINANCINGS” herein.

Public Act 100-587 amended the Bond Act to add Section 7.7, which authorized the additional issuance of GO Bonds in the amount of \$1,000,000,000 (the “Section 7.7 Bonds”), the proceeds of which are to be used to make accelerated pension benefit payments with respect to certain of the State’s retirement systems. Section 7.7 Bonds in the aggregate principal amount of \$300,000,000 were issued on April 9, 2019. See APPENDIX E—PENSION AND OTHER POST EMPLOYMENT BENEFITS for additional information.

The respective amounts of GO Bonds outstanding and GO refunding bonds outstanding are set forth in Table 6. See “GENERAL OBLIGATION INDEBTEDNESS—OUTSTANDING GENERAL OBLIGATION BONDS—Table 6—General Obligation Bond Authorization.”

The Bond Act places certain restrictions on the issuance of GO Bonds, including a requirement that GO Bonds may not be issued if, in the next State fiscal year after the issuance of such GO Bonds, the amount of debt service on all then-outstanding GO Bonds (other than GO Bonds issued to pay pension obligations in 2010 and 2011, the Initial Section 7.6 Bonds and the Section 7.7 Bonds) exceeds 7% of the General Funds of the State under the State Budget Law (15 ILCS 20/50-40) (the “State Budget Law”), as described under “STATE FINANCIAL INFORMATION—FINANCIAL RESULTS: FY 2014-FY 2018” herein, the State Construction Fund Account and Road Fund appropriations for the fiscal year immediately prior to the fiscal year of the issuance, provided, however, that such requirement may be waived with the written consent of the Illinois State Comptroller (the “Comptroller”) and the Illinois State Treasurer (the “Treasurer”).

Debt service payments on all outstanding GO Bonds and on short-term certificates (issued as described under “STATE OF ILLINOIS—CONSTITUTIONAL PROVISIONS—*Constitutional Provisions Relating to Short-Term Borrowing*,” and “GENERAL OBLIGATION INDEBTEDNESS—SHORT TERM DEBT”), are made from a separate fund in the State Treasury called the “General Obligation Bond Retirement and Interest Fund” (the “GOBRI Fund”). For additional information, see “SECURITY—STATE FUNDING PAYMENTS.”

THE OFFERING

DESCRIPTION OF BONDS

The Bonds will bear interest from their issue date and will mature as shown on the inside cover of this Official Statement. Interest on the Bonds is payable semiannually on May 1 and November 1 of each year, beginning on May 1, 2020, at the rates per annum specified on the inside cover of this Official Statement. Payment of the installments of interest will be made to the registered owners of the Bonds as shown on the bond register at the close of business on the record date, which is the 15th day of the calendar month immediately preceding the interest payment date.

Purchases of the Bonds will be made in denominations of \$5,000 principal amount or any integral multiple thereof, and will be registered in the name of Cede & Co., as nominee of The Depository Trust Company, New York, New York (“DTC”). DTC will act as securities depository of the Bonds. Principal of, premium, if any, and interest on the Bonds will be paid by the Treasurer, as bond registrar and paying agent (the “Bond Registrar”), to DTC or its nominee, which will in turn

remit such payment to its participants for subsequent disbursement to the beneficial owners of the Bonds. See APPENDIX C—GLOBAL BOOK-ENTRY SYSTEM.

REDEMPTION

Optional Redemption

The November 2019A Bonds are not subject to optional redemption prior to maturity. The November 2019B Bonds and November 2019C Bonds (the “Callable Bonds”) are subject to redemption prior to maturity, at the option of the State on any date on or after November 1, 2029, in whole or in part, and if in part, from such series and maturities as shall be selected by the State, less than all of the Callable Bonds of a single series and maturity to be selected as described under “–Redemption Procedure” below, in integral multiples of \$5,000, at a redemption price equal to 100% of the principal amount of the Bonds to be redeemed, plus accrued and unpaid interest on the Callable Bonds to be redeemed to the redemption date.

Mandatory Sinking Fund Redemption

The November 2019A Bonds maturing on November 1, 20__ (the “November 2019A Term Bonds”) are subject to mandatory sinking fund redemption in part and selected as described under “Redemption Procedure” below, on November 1 of the years and at a redemption price of par plus accrued interest to the date of redemption in the respective principal amounts shown for such years in the table below.

NOVEMBER 2019A TERM BOND

YEAR	PRINCIPAL AMOUNT TO BE REDEEMED
20__	
20__	
20__ (stated maturity)	

The November 2019B Bonds maturing on November 1, 20__ (the “November 2019B Term Bonds” and, together with the November 2019A Term Bonds, the “Term Bonds”) are subject to mandatory sinking fund redemption in part and selected as described under “Redemption Procedure” below, on November 1 of the years and at a redemption price of par plus accrued interest to the date of redemption in the respective principal amounts shown for such years in the table below.

NOVEMBER 2019B TERM BOND

YEAR	PRINCIPAL AMOUNT TO BE REDEEMED
20__	
20__	
20__ (stated maturity)	

The November 2019C Bonds maturing on November 1, 20__ (the “November 2019C Term Bonds” and, together with the November 2019A Term Bonds and the November 2019B Term

Bonds, the “Term Bonds”) are subject to mandatory sinking fund redemption in part and selected as described under “*Redemption Procedure*” below, on November 1 of the years and at a redemption price of par plus accrued interest to the date of redemption in the respective principal amounts shown for such years in the table below.

NOVEMBER 2019C TERM BOND

YEAR	PRINCIPAL AMOUNT TO BE REDEEMED
20__	
20__	
20__ (stated maturity)	

The mandatory sinking fund payments are required to be made in each designated year prior to maturity of the Term Bonds in amounts sufficient to redeem the principal amount of such Bonds shown for such years in the above table.

The State may provide for the purchase of all or a portion of the Term Bonds that are subject to mandatory redemption, from its lawfully available funds, on or prior to the 60th day preceding any date of mandatory redemption, at a price not in excess of the principal amount of the Term Bonds to be so purchased on such mandatory redemption date. Any Term Bond so purchased will be cancelled and credited against the mandatory sinking fund payments due on such mandatory redemption date.

Whenever any Term Bond is redeemed prior to maturity, the principal amount of such Term Bond so redeemed or cancelled shall be credited against the unsatisfied balance of future sinking fund installments and final maturity amount established with respect to such Term Bond in such order as shall be directed by the Governor of the State (the “Governor”) or by the Director (as defined herein).

Redemption Procedure

The Bonds will be redeemed only in the principal amount of \$5,000 and integral multiples thereof. While the Bonds are registered in the Book-Entry Only System and so long as DTC or a successor securities depository is the sole registered owner of the Bonds, if less than all of the Bonds of a series and maturity are to be redeemed prior to maturity, the selection for redemption of such series and maturity of Bonds will be made in accordance with the operational arrangements of DTC or such successor securities depository then in effect. See APPENDIX C—GLOBAL BOOK-ENTRY SYSTEM.

Notice of any redemption of Bonds will be sent by certified or first-class mail not less than 30 nor more than 60 days prior to the date fixed for redemption to the registered owner of each Bond (or portion thereof) to be redeemed at the address shown on the registration books of the State maintained by the Bond Registrar, or at such other address as is furnished in writing by such registered owner to the Bond Registrar.

Failure to give the notice of redemption required above as to any Bond, or any defect therein as to any Bond, will not affect the validity of the proceedings for the redemption of any other Bond. Any notice given as described above shall be conclusively presumed to have been given whether or not actually received by the appropriate addressee. With respect to an optional redemption of

any Callable Bonds, such notice may, at the option of the State, provide that said redemption is conditioned upon the receipt by the Bond Registrar on or prior to the date fixed for redemption of moneys sufficient to pay the applicable redemption price. If such moneys are not so received by the redemption date, such redemption notice will be of no force and effect, the State will not redeem such Callable Bonds, the applicable redemption price will not be due and payable, and the Bond Registrar will give notice, in the same manner in which the notice of redemption was given, that such moneys were not so received and that such Callable Bonds will not be redeemed. Unless the notice of redemption is made conditional as described above, on or prior to any redemption date, the Treasurer shall provide for deposit with the Bond Registrar of an amount of money sufficient to pay the redemption price of all the Callable Bonds or portions of Callable Bonds which are to be redeemed on that date.

When notice of redemption has been given and the redemption price has been deposited with the Bond Registrar as hereinabove provided, the Bonds or portions of Bonds so to be redeemed shall on the date fixed for redemption become due and payable at the redemption price therein specified, and from and after such date, provided that funds are on deposit therefor, such Bonds or portions of Bonds shall cease to bear interest.

PLAN OF FINANCE

The net proceeds of the sale of the Bonds will be used to provide funds to finance capital expenditures authorized by the State’s previous capital programs and the Rebuild Illinois Program and to pay costs of issuance of the Bonds. See “—APPLICATION OF BOND PROCEEDS.”

The Bond Act authorizes the State to reallocate unspent proceeds of the Bonds to any of the purposes (other than refunding) and within the amounts authorized by the Bond Act. The State reserves the right to make such reallocations of Bond proceeds for available uses from time to time, so long as such reallocations do not adversely affect the tax-exempt status of the Bonds.

APPLICATION OF BOND PROCEEDS

The State estimates that the proceeds of the Bonds will be applied approximately as set forth below.

NOVEMBER 2019A BONDS:

SOURCES:	AMOUNTS
Principal Amount Issued	
[Net] Original Issue [Premium/(Discount)]	_____
TOTAL SOURCES	
USES:	
Project Costs	
Purchasers’ Discount	
Costs of Issuance	
TOTAL USES	_____

NOVEMBER 2019B BONDS:

SOURCES:	AMOUNTS
Principal Amount Issued	
[Net] Original Issue [Premium/(Discount)]	_____
TOTAL SOURCES	
USES:	
Project Costs	
Purchasers' Discount	
Costs of Issuance	_____
TOTAL USES	

NOVEMBER 2019C BONDS:

SOURCES:	AMOUNTS
Principal Amount Issued	
[Net] Original Issue [Premium/(Discount)]	_____
TOTAL SOURCES	
USES:	
Project Costs	
Purchasers' Discount	
Costs of Issuance	_____
TOTAL USES	

SECURITY

DIRECT, GENERAL OBLIGATIONS

The Bonds, together with all other GO Bonds, are direct, general obligations of the State, and by law the full faith and credit of the State is pledged for the punctual payment of interest on the Bonds as the interest becomes due and for the punctual payment of the principal thereof at maturity, or any earlier redemption date, and premium, if any. The Bond Act provides that the section of the Bond Act making such pledge is irrevocable until all GO Bonds issued under the Bond Act, including the Bonds, have been paid in full.

Table 1 reflects the cash available (subject to certain restrictions as to use) from time to time in various State funds to support debt service on GO Bonds. See Table 7 under "GENERAL OBLIGATION INDEBTEDNESS—Outstanding General Obligation Bonds" for debt service on the outstanding GO Bonds.

TABLE 1
CASH BALANCES BY FUND CATEGORY
AS OF END OF FISCAL YEARS 2015–2019
(\$ in millions)

FUND CATEGORY ¹	FY2015	FY2016 ⁵	FY2017	FY2018	FY2019
General Funds ²	\$ 621	\$ 246	\$ 1,077	\$ 125	\$ 466
Highway Funds ³	1,423	1,684	1,796	1,391	1,228
Special State Funds	2,845	4,068	3,257	3,530	4,259
Bond Financed Funds	552	799	541	1,372	1,330
Debt Service Funds ⁴	1,232	1,346	1,411	1,752	1,518
Revolving Funds	94	175	224	103	62
State Trust Funds	2,316	3,037	3,261	3,525	3,113
June 30th amounts (End of Fiscal Year)	\$9,084	\$11,355	\$11,567	\$11,797	\$11,975

Source: Illinois Office of the Comptroller and the Governor’s Office of Management and Budget (“GOMB”).

Note: Totals may not add due to rounding.

1 Does not include Federal Trust Funds.

2 June 30, 2017 cash balances show a significant increase in General Funds from the beginning of Fiscal Year 2017 due to the late enactment of Fiscal Year 2018 Higher Education appropriations for the Education Assistance Fund. In June 2017, there was over \$562 million in the Education Assistance Fund, significantly higher than the \$24 million held in the account in June 2016.

3 Highway Funds are limited by the Illinois Constitution and State statute to support construction and maintenance of transportation and the debt service on certain GO Bonds issued for transportation projects

4 Includes the GOBRI Fund.

5 June 30, 2016 cash balances show an increase from the end of Fiscal Year 2015 due in part to the late enactment of Fiscal Year 2016 appropriations for many State funds. Cash balances in these categories totaled \$9.849 billion as of August 31, 2016

The State imposes various taxes and fees to pay its General Funds obligations, including without limitation, principal and interest on its GO Bonds. See APPENDIX A—CERTAIN INFORMATION REGARDING THE STATE OF ILLINOIS—“PART IV—Tax Review.”

STATE FUNDING PAYMENTS

The provisions of the Bond Act described below are irrevocable until all GO Bonds issued under the Bond Act are paid in full as to both principal and interest.

To provide for the manner of repayment of the Bonds, the Bond Act requires the Governor to include an appropriation in each annual State Budget of moneys in such amount as will be necessary and sufficient, for the period covered by such Budget, to pay the interest, as it becomes payable, on all outstanding GO Bonds issued under the Bond Act and to pay and discharge the principal and premium, if any, of GO Bonds falling due during such period. The Bond Act also creates the GOBRI Fund, which is a separate fund in the State Treasury to be used for such repayment.

The Bond Act requires the General Assembly to make appropriations annually to pay the principal of, interest on and premium, if any, on outstanding GO Bonds issued under the Bond Act from the GOBRI Fund. If for any reason the General Assembly fails to make appropriations sufficient to pay the principal of, interest on and premium, if any, on the GO Bonds when due, or if for any reason there are insufficient funds in the General Revenue Fund, or with respect to GO Bonds issued under Section 4(a) and Section 4(e) of the Bond Act or bonds issued under the authorization of Public Act 98-781 for highway and surface transportation purposes (or GO Bonds issued to refund GO Bonds issued for such purposes) in the Road Fund, to make transfers to the GOBRI Fund as required by the Bond Act, the Bond Act constitutes an irrevocable and continuing

appropriation of all amounts necessary for that purpose, and the irrevocable and continuing authority for and direction to the Treasurer and the Comptroller to make the necessary transfers, as directed by the Governor, out of and disbursements from the revenues and funds of the State.

The State has never failed to pay any debt service payment on its GO Bonds when due. As described in "STATE FINANCIAL INFORMATION," the State did not enact a full General Funds Budget for Fiscal Years 2016 and 2017; nevertheless, the Treasurer continued to pay all GO Bond debt service payments required by the Bond Act.

Upon delivery of the Bonds, the Bond Act requires the Comptroller to compute and certify to the Treasurer the total amount of principal of, interest on and premium, if any, on the Bonds that will be payable in order to retire such Bonds and the amount of principal of, interest on and premium, if any, on the Bonds that will be payable on each payment date during the then current and each succeeding fiscal year.

On or before the last day of each month, the Bond Act requires the Treasurer and Comptroller to transfer from the General Revenue Fund to the GOBRI Fund an amount sufficient to pay the aggregate of the principal of, interest on and premium, if any, on GO Bonds issued under the Bond Act payable by their terms on the next payment date, divided by the number of full calendar months between the date of such GO Bonds and the first such payment date, and thereafter, divided by the number of months between each succeeding payment date after the first payment date. The following statutory transfers to the GOBRI Fund will also be made in amounts determined using the same formula, as follows: (i) pursuant to the Bond Act, transfers from the Road Fund to the GOBRI Fund for GO Bonds issued under Section 4(a) and Section 4(e) of the Bond Act or bonds issued under the authorization of Public Act 98-781 (or GO Bonds issued to refund such GO Bonds); (ii) pursuant to the State Finance Act and the Bond Act, transfers from the School Infrastructure Fund and the General Revenue Fund to the GOBRI Fund for GO Bonds issued for the construction of school improvements under the School Construction Law of the State as authorized by Section 5(e) of the Bond Act for school improvement projects (or GO Bonds issued to refund such GO Bonds); and (iii) pursuant to the State Finance Act and the Bond Act, transfers from the Capital Projects Fund and the General Revenue Fund to the GOBRI Fund for GO Bonds issued pursuant to the bonding authorization under the 2009 capital program (or GO Bonds issued to refund such GO Bonds) and certain non-transportation bonds authorized as part of the Rebuild Illinois Program.

These transfers of moneys are not required if the amount in the GOBRI Fund is already sufficient as described above, and if the Governor or his authorized representative notifies the Treasurer and Comptroller of such fact in writing. Moneys deposited into the GOBRI Fund to provide for the payment of Short-Term Debt (as herein defined) are excluded from any calculation used in determining the ability of the State to suspend transfers to the GOBRI Fund for the payment of the GO Bonds.

The Bond Act provides that if the State fails to pay the principal of, interest on, or premium, if any, on any of the GO Bonds as the same become due, the holder of the GO Bonds on which such a payment default exists may institute a civil action to compel payment in the Supreme Court of Illinois as a court of original jurisdiction.

The cash balance in the GOBRI Fund was approximately \$1.482 billion on October 1, 2019.

The following Table 2 shows a history of debt service transfers to the GOBRI Fund from the various funds described above during Fiscal Year 2015 through Fiscal Year 2019.

TABLE 2
GENERAL OBLIGATION BONDS
TRANSFERS TO THE GOBRI FUND FOR PAYMENT OF DEBT SERVICE
FISCAL YEARS 2015-2019
(\$ in millions)

	FY2015	FY2016	FY2017	FY2018	FY2019
General Revenue Fund					
Capital Bonds	\$ 591.7	\$ 556.5	\$ 626.4	\$ 796.8	\$ 669.8
Pension Bonds	1,502.2	1,422.6	1,608.7	1,575.6	1,242.5
Section 7.6 Bonds	0.0	0.0	0.0	526.9	782.4
Section 7.7 Bonds	0.0	0.0	0.0	0.0	6.8
Road Fund	346.7	333.7	305.2	349.0	338.7
School Infrastructure Fund	192.8	211.8	115.2	172.4	107.4
Capital Projects Fund	388.0	532.5	477.0	285.5	431.1
TOTAL	\$ 3,021.4	\$ 3,057.1	\$ 3,132.5	\$ 3,706.1	\$ 3,578.6

Source: GOMB. Office of the Comptroller.

Note: This table replaces the General Obligation Debt Service Payment table in previous Disclosures and provides more detailed information on actual transfers from various Funds into the General Obligation Bond Retirement and Interest Fund for the payment of debt service.

CERTAIN INVESTMENT CONSIDERATIONS

Purchase and ownership of the Bonds is subject to a variety of risks. Each prospective investor in the Bonds is encouraged to read this Official Statement in its entirety. Particular attention should be given to the investment considerations described below which, among other things, could affect the financial condition of the State and therefore result in a repayment risk for investors, and could also affect the liquidity and/or market value of the Bonds after they are issued. The considerations described below are not all of the investment considerations associated with the purchase and ownership of the Bonds. The inclusion or omission of considerations from this section, and the order in which they are presented, do not necessarily reflect the relative importance of the various investment considerations.

INVESTMENT CONSIDERATIONS RELATING TO THE FINANCIAL CONDITION OF THE STATE

Budget Deficit

The Fiscal Year 2020 Budget as defined and described herein does not contain a structural budget deficit. However, based on the current estimates, without changes to the trajectory of the State’s finances, assuming baseline revenue growth under existing law without reflecting anticipated new revenues from adult use cannabis or from the Income Tax Proposal, and assuming no significant new spending reforms or controls, the State projects a structural deficit in the General Funds Budget rising from \$1.8 billion in Fiscal Year 2021 to \$3.2 billion in Fiscal Year 2025, which would be expected to increase year-end accounts payable in Fiscal Year 2025 to \$19.2 billion. See “STATE FINANCIAL INFORMATION-ECONOMIC AND FISCAL POLICY REPORT: FY 2020-FY 2025.”

The Income Tax Amendment (as defined herein), which will be considered by the voters of the State at the general election to be held on November 3, 2020, has been proposed to provide substantial additional revenues to address such projected structural budget deficits. See “STATE FINANCIAL INFORMATION—FISCAL YEAR 2020 BUDGET—Income Tax Proposal” herein. If the Income Tax Amendment is not enacted and the Income Tax Proposal (as defined herein) is not implemented, the State would need to reduce expenditures, adjust revenue collections or approve a combination of revenue adjustments and reductions in expenditures. The State provides no assurances as to whether the Income Tax Amendment will be enacted or, if enacted, whether the Income Tax Proposal will be implemented or subsequently amended, nor does the State provide any assurances as to how, when or in what form any structural deficit might be addressed.

Bill Payment Delays

The absence of fully enacted General Funds Budgets for Fiscal Year 2016 and Fiscal Year 2017 contributed to a significant backlog of unpaid bills. The Comptroller’s estimate of the amount of unpaid bills as of September 30, 2019 was approximately \$6.4 billion. The backlog of bills held by the Comptroller and the State agencies may increase if unbalanced budgets are enacted in the future or other measures are not taken to pay down the backlog.

Potential Issuance of Bonds Payable from General Funds Revenues

The State is considering developing a structure for the issuance of revenue bonds (the “New Credit Bonds”) payable from one or more of the State’s current General Funds revenues. Specifically, in the Governor’s Fiscal Year 2020 Budget proposal, the Governor outlined the possibility of selling New Credit Bonds payable from the State’s income tax receipts. Such credits, however, were not included in the Fiscal Year 2020 Budget. Any such structure would require legislative approval by 3/5ths of the General Assembly. Though no specific legislation has been introduced at this time, the structure of such a transaction would likely involve the deposit of the revenue stream with a trustee, with the residual revenues not necessary for the payment of the New Credit Bonds being returned to the State for its general purposes, including the payment of GO Bonds. As such, State revenues that would otherwise be available for deposit into the GOBRI Fund for payment of GO Bonds, including the Bonds, could be diverted first for the payment of any New Credit Bonds. As a result, to the extent such revenues are applied to the payment of the New Credit Bonds, amounts available for deposit into the GOBRI Fund to pay the Bonds and the State’s other outstanding GO Bonds would be reduced by such amounts. The State can give no assurances as to whether or when the issuance of New Credit Bonds will be authorized, the revenue streams from which such New Credit Bonds will be payable, the structure of any such transactions or the amount or timing of issuance of such transactions.

Severe Underfunding of the State’s Retirement Systems

The State’s retirement systems are severely underfunded. The funding levels for the State’s retirement systems are among the lowest in the nation with respect to state pension plans. The State’s contributions to the retirement systems, while in conformity with State law, have been less than the contributions necessary to fully fund the retirement systems as calculated by the actuaries for the retirement systems. The unfunded actuarial accrued liability of the State’s retirement systems (the amount by which the aggregate actuarial accrued liability exceeds the aggregate value of its assets) at the end of Fiscal Year 2018 totaled approximately \$133 billion on a fair value basis and approximately \$134 billion on an actuarial basis, resulting in respective funded ratios (the ratio of the value of assets to the actuarial accrued liability, expressed as a percentage) that equaled

40.2% and 40.1%. The projected funded ratio for the State Retirement Systems for fiscal year 2019 is 39.6% based on the asset smoothing method. The State is required to make contributions to the retirement systems pursuant to the Illinois Pension Code, as amended, at the level percentage of payroll necessary to reach a Funded Rate of 90% by the end of Fiscal Year 2045. As such, the State's contribution to the retirement systems is projected to increase substantially in future years. Such increased pension contributions may require the State to reduce other expenditures, adjust revenue collections or approve a combination of revenue adjustments and reductions in other expenditures. See APPENDIX E—PENSION AND OTHER POST EMPLOYMENT BENEFITS—"SOURCE INFORMATION," "ACTUARIAL ASSUMPTIONS," "HISTORY OF CONTRIBUTIONS TO THE RETIREMENT SYSTEMS," "FUNDED STATUS" and "PROJECTION OF CONTRIBUTIONS AND FUNDED STATUS."

Impact of Current and Future Health Care Reform Efforts Unpredictable; Future of Affordable Care Act Uncertain

The Patient Protection and Affordable Care Act, as amended by the Health Care and Education Reconciliation Act of 2010 (the "ACA"), provides for federal funding to states that choose to expand Medicaid. Under the ACA, the federal government paid 95% of the costs of such Medicaid expansion for calendar year 2017, 94% for calendar year 2018 and will pay 93% for calendar year 2019 and 90% for calendar year 2020 and subsequent years. The State participates in expanded Medicaid under the ACA pursuant to legislation enacted by the General Assembly in 2013 (the "Medicaid Expansion Legislation"). With respect to liability for the Fiscal Years ended June 30, 2018, and June 30, 2019, the State received approximately \$2.6 billion in each year from the federal government for the base costs of its Medicaid expansion.

The ACA has continually faced legal and legislative challenges, including repeated repeal efforts, since its enactment. To date, no repeal bills have passed both chambers of Congress. If the provisions of the ACA providing for federal funding of Medicaid expansion are repealed, the State would either need to provide additional funds to cover the costs of the Medicaid expansion previously funded by the federal government or discontinue the provision of the expanded Medicaid benefits. Further, under the Medicaid Expansion Legislation, if the amount of funds provided by the federal government with respect to the Medicaid expansion declines below 90% of the cost of the Medicaid expansion, the State would no longer participate in the Medicaid expansion under existing statutes. The State makes no prediction as to the likelihood of the passage of any repeal bills or other health care reform bills, or the contents thereof.

Ratings

The Bonds have been rated by Moody's Investors Service, Inc. ("Moody's"), S&P Global Ratings ("S&P") and Fitch Ratings Inc. ("Fitch"). There is no assurance that such ratings will be maintained for any given period of time or that any rating will not be lowered or withdrawn entirely. Any revision or withdrawal of any such ratings could have a material adverse effect on the availability of a market for the Bonds or the prices at which the Bonds may be resold. See "RATINGS."

Delays in Exercising Remedies

The rights and remedies of the Bondholders may be limited by and are subject to equitable principles that may affect the enforcement of creditors' rights and liens securing such rights, the police powers of the State and its political subdivisions, the exercise of judicial discretion in

appropriate cases and limitations on legal remedies against the State. The opinions of Co-Bond Counsel to be delivered with respect to the Bonds will be similarly qualified. Because of delays inherent in obtaining judicial remedies, it should not be assumed that these remedies could be accomplished rapidly. Any delays in the ability of the Bondholders to pursue remedies may result in delays in payment of the Bonds.

The State is not authorized to file for bankruptcy protection under current federal bankruptcy law. Furthermore, there are federal Constitutional issues which raise doubt about the legality of any legislation of the United States Congress that would purport to permit the State to adjust its debts in a proceeding under federal bankruptcy law.

Changes in Economic and Demographic Conditions

The Fiscal Year 2020 Budget is based on expectations and assumptions of the State that are subject to a number of known and unknown risks and uncertainties, many of which are beyond the State's control. These include, among others, general economic conditions, demographic trends, natural disasters, terrorism, U.S. trade policy and reductions in or elimination of federal programs which may adversely affect the transfer of funds from the federal government to the State. In addition, U.S. trade policy may have an effect on the manufacturing and agricultural segments of the State's economy. See APPENDIX A—CERTAIN INFORMATION REGARDING THE STATE—“PART III: ECONOMIC DATA” herein. Accordingly, the expectations and assumptions of the State upon which the Fiscal Year 2020 Budget are based may not be realized and the State's financial condition could be further materially adversely affected. See “STATE FINANCIAL INFORMATION—FISCAL YEAR 2020 BUDGET.”

Forward-Looking Statements

This Official Statement contains disclosures which contain “forward-looking statements.” Forward-looking statements include all statements that do not relate solely to historical or current fact, and can be identified by use of words like “may,” “believe,” “will,” “expect,” “project,” “estimate,” “anticipate,” “plan,” or “continue.” These forward-looking statements are based on the current plans and expectations of the State and are subject to a number of known and unknown uncertainties and risks, many of which are beyond its control, that could significantly affect current plans and expectations and the State's future financial position including but not limited to changes in general economic conditions, demographic trends and federal programs which may affect the transfer of funds from the federal government to the State. As a consequence, current plans, anticipated actions and future financial positions may differ from those expressed in any forward-looking statements made by the State herein. Investors are cautioned not to unduly rely on such forward-looking statements when evaluating the information presented in this Official Statement.

No Secondary Market

There can be no assurances that a secondary market for the Bonds will be established, maintained or functioning. Accordingly, each purchaser should expect to bear the risk of the investment represented by the Bonds to maturity.

Cybersecurity

Computer networks and data transmission and collection are vital to the efficient operation of the State. Despite the implementation of network security measures by the State, its information technology and infrastructure may be vulnerable to deliberate attacks by hackers, malware,

ransomware or computer virus, or may otherwise be breached due to employee error, malfeasance or other disruptions. Any such breach could compromise networks and the information stored thereon could be disrupted, accessed, publicly disclosed, lost or stolen. Although the State does not believe that its information technology systems are at a materially greater risk of cybersecurity attacks than other similarly-situated governmental entities, any such disruption, access, disclosure or other loss of information could have an adverse effect on the State's operations and financial health. Further, as cybersecurity threats continue to evolve, the State may be required to expend significant additional resources to continue to modify and strengthen security measures, investigate and remediate any vulnerabilities, or invest in new technology designed to mitigate security risks.

STATE OF ILLINOIS

ORGANIZATION

The State is formally organized according to executive, legislative and judicial functions. The Governor is the chief executive of the State and is generally responsible for the administration of the Executive Branch of the State other than the offices of other constitutionally-elected officials. The other constitutionally-elected officials of the Executive Branch include the Lieutenant Governor, the Attorney General, the Secretary of State, the Comptroller and the Treasurer. The Auditor General, Frank J. Mautino, is a constitutional officer appointed for a term of 10 years, effective January 1, 2016, and was confirmed by a three-fifths vote of both houses of the General Assembly.

The Illinois Constitution provides that all elected officials of the Executive Branch hold office for four-year terms. The State's current elected constitutional officials are Governor JB Pritzker, Lieutenant Governor Juliana Stratton, Attorney General Kwame Raoul, Secretary of State Jesse White, Comptroller Susana Mendoza and Treasurer Michael W. Frerichs. An election for these offices was held on November 6, 2018.

The Comptroller is responsible for the maintenance of the State's fiscal accounting records. The Comptroller provides accounting control over the cash on hand in a specific fund or funds for which the Treasurer is accountable, control over the issuance of warrants for payments of agencies' expenditures and control to ensure that State payments do not exceed legal appropriations and available fund balances. The Treasurer is also responsible for ensuring that investment of State funds complies with the Deposit of State Moneys Act (15 ILCS 520) (the "Deposit Act") and the Public Funds Investment Act (30 ILCS 235).

The legislative power of the State is vested in the General Assembly, which is composed of 59 Senators and 118 members of the House of Representatives. Both the Senate and the House of Representatives meet in annual sessions to enact, amend or repeal laws and to adopt appropriation bills. Pursuant to Illinois law, the election of two-thirds of the members of the Senate and all members of the House of Representatives was held on November 6, 2018. Members of the House of Representatives were elected to serve two-year terms, while members of the Senate were elected to serve two-year or four-year terms as set forth in the Illinois Constitution.

The Judicial Branch is composed of the Supreme Court, the Appellate Courts and the Circuit Courts. Pursuant to Illinois law, judicial elections were held on November 6, 2018.

CONSTITUTIONAL PROVISIONS

Constitutional Provisions Relating to Revenues and Expenditures

Article VIII, Section 2 of the Illinois Constitution requires the Governor to prepare and submit to the General Assembly, at a time prescribed by law (generally, the third Wednesday in February), a State budget for the ensuing fiscal year. Proposed expenditures may not exceed funds estimated to be available for the fiscal year as shown in the budget. Article VIII, Section 2 also requires the General Assembly to make appropriations for all expenditures of public funds by the State, which appropriations for a fiscal year may not exceed funds estimated by the General Assembly to be available during that fiscal year.

Article IV, Section 9 of the Illinois Constitution provides that the Governor may reduce or veto any item of appropriations in a bill passed and presented to him by the General Assembly. Portions of a bill not reduced or vetoed become law. An item vetoed is returned to the house in which it originated and may become law upon approval of three-fifths of the members of each house. An item reduced in amount may be restored to the original amount upon approval of a majority of the members elected to each house.

Constitutional Provisions Relating to Long-Term Borrowing

Article IX, Section 9(a) of the Illinois Constitution defines the term “State debt” as “bonds or other evidences of indebtedness which are secured by the full faith and credit of the State or are required to be repaid, directly or indirectly, from tax revenue and which are incurred by the State, any department, authority, public corporation or quasi-public corporation of the State, any State college or university, or any other public agency created by the State, but not by units of local government, or school districts”.

The Bond Act was enacted pursuant to Article IX, Section 9(b) of the Illinois Constitution, which provides that State debt for specific purposes may be incurred, or the payment of State or other debt guaranteed, in such amounts as may be provided either in a law passed by the vote of three-fifths of the members elected to each house of the General Assembly or in a law approved by a majority of the electors voting on the question at the next general election following passage.

Constitutional Provisions Relating to Short-Term Borrowing

Article IX, Sections 9(c) and 9(d) of the Illinois Constitution, pursuant to which the Short Term Borrowing Act, as amended (30 ILCS 340/1 *et seq.*) (the “Short Term Borrowing Act”), was enacted, permit State debt to be incurred in anticipation of revenues to be collected in a fiscal year in an amount not exceeding 5% of the State’s appropriations for that fiscal year. Such debt shall be retired from the revenues realized in that fiscal year. Additionally, State debt may be incurred in an amount not exceeding 15% of the State’s appropriations for a fiscal year to meet deficits caused by emergencies or failures of revenue. Such debt must be repaid within one year of the date it is incurred.

Constitutional Provision Relating to Refundings

Article IX, Section 9(e) of the Illinois Constitution provides the constitutional authority to refund State debt by providing that State debt may be incurred by law to refund outstanding State debt if the refunding debt matures within the term of the outstanding State debt.

Constitutional Provision Relating to Impairment of Contracts

Article I, Section 16 of the Illinois Constitution provides that no law impairing the obligation of contracts shall be passed by the General Assembly. This “non-impairment” clause would prohibit action by the General Assembly that would, under contract law, impair the obligations of a contract between the State and its bondholders.

GOVERNOR’S OFFICE OF MANAGEMENT AND BUDGET

GOMB is organized under the Governor’s Office of Management and Budget Act (20 ILCS 3005/1 *et seq.*). GOMB is headed by a Director (the “Director”) appointed by the Governor. GOMB assists the Governor in developing the State’s annual operating and capital budgets, as called for in statute (20 ILCS 3005/2.1 and 20 ILCS 3005/2.5). Pursuant to Article VIII, Section 2(b) of the Illinois Constitution, these budgets are introduced by the Governor for each fiscal year and must contain estimated revenues and recommended appropriations for the upcoming fiscal year that are balanced.

In addition to assisting the Governor in developing and managing the State’s annual operating and capital budgets, GOMB provides financial and other information regarding the State to securities investors, the Municipal Securities Rulemaking Board (“MSRB”) under its Electronic Municipal Market Access (“EMMA”) system and other securities information repositories or state information depositories as required by federal securities rules. See “CONTINUING DISCLOSURE” and APPENDIX D—FORM OF CONTINUING DISCLOSURE UNDERTAKING.

STATE FINANCIAL INFORMATION

SOURCES

The tables in this section, “STATE FINANCIAL INFORMATION,” present pertinent financial information about the State. Data is for the State’s fiscal years, unless otherwise noted, each of which runs from July 1 through June 30 (each a “Fiscal Year”). Financial information contained in this section is drawn from the records and reports of the Comptroller and documents prepared by GOMB.

MEASUREMENT BASES

Financial information reported by the State is prepared and reported under one of three measurement bases: (i) the cash basis of accounting; (ii) the budget basis of accounting; and (iii) the GAAP (Generally Accepted Accounting Principles as promulgated by the Government Accounting Standards Board) basis of accounting. The basis used in preparing financial information impacts the manner in which revenues and expenditures are recognized in preparing these financial reports. The bases used by the State are described in APPENDIX G—ACCOUNTING PRACTICES USED IN STATE FINANCIAL INFORMATION.

FINANCIAL REPORTS

The Comptroller annually prepares two separate financial reports that are audited by the Illinois Auditor General, who also opines on the financial statements contained in those reports.

As the fiscal control officer of the State, the Comptroller issues a *Comprehensive Annual Financial Report* (“CAFR”), which includes financial statements detailing receipts and expenditures for each

year. The CAFR is prepared according to GAAP and contains statements of budgetary fund balances and changes in budgetary fund balances for all fund groups.

Under Section 19.5 of the State Comptroller Act, the Comptroller must publish the CAFR for each fiscal year by December 31 of each year or may publish unaudited financial statements and a written explanation to State leadership explaining the reasons for the delay beginning with the CAFR for Fiscal Year 2012. However, pursuant to 2012 amendments to Section 25 of the State Finance Act, the lapse period for certain expenses, which is the time period at the beginning of a fiscal year during which the State is allowed, by statute, to pay outstanding bills from a recently ended fiscal year, was permanently extended for certain medical assistance payments past the 60-day lapse period granted to most appropriations. This extension makes the publication of unaudited financial statements by December 31 problematic in years in which bills are paid during the end of such lapse period. The State has covenanted in its continuing disclosure undertakings to file the CAFR within 30 days after its availability to GOMB. See “CONTINUING DISCLOSURE” and APPENDIX D—FORM OF CONTINUING DISCLOSURE UNDERTAKING. A final copy of the Fiscal Year 2018 CAFR was available to GOMB, and was uploaded to EMMA, on August 29, 2019. The State does not expect that the CAFR for the fiscal year ended June 30, 2019, will be released before the end of calendar year 2019. The CAFR for such fiscal year will be uploaded to EMMA after it is available to GOMB.

The Comptroller also annually prepares and issues the *Traditional Budgetary Financial Report* (“TBFR”) using accounting practices prescribed or permitted by the State Comptroller Act (15 ILCS 405) that represent the budget basis of accounting. Presentation practices in the TBFR are materially different from the GAAP presentation practices used in the CAFR. A final copy of the Fiscal Year 2018 TBFR can be found on the Comptroller’s website. Under Section 20 of the State Comptroller Act, the TBFR for each fiscal year is to be released by December 31 of each year. See APPENDIX F—WEBSITE INDEX.

Key differences between the accounting practices used in the TBFR and GAAP utilized in preparing the Fiscal Year CAFR are described in APPENDIX G—ACCOUNTING PRACTICES USED IN STATE FINANCIAL INFORMATION.

NET POSITION OF GOVERNMENTAL ACTIVITIES

The State’s CAFR provides that, as of June 30, 2018, the State has a deficit net position of governmental activities (the “Net Position”) of approximately \$189.1 billion, an increase of approximately \$6.2 billion from the Net Position as of June 30, 2017. The deficit Net Position, which is presented on an accrual basis of accounting, equals the excess of the State’s total liabilities and deferred inflows of resources (approximately \$254.3 billion as of June 30, 2018) over the State’s total assets and deferred outflows of resources (approximately \$65.2 billion as of June 30, 2018). The State’s total revenues from governmental activities increased by approximately \$6.8 billion during Fiscal Year 2018, while the State’s governmental activities expenses increased approximately \$716 million during Fiscal Year 2018. See the CAFR for additional information.

FINANCIAL RESULTS: FY2014-FY2018

Prior to Fiscal Year 2018, the State’s “General Funds” included four funds – the General Revenue Fund, the Education Assistance Fund, the Common School Fund, and General Revenue-Common School Special Account Fund. Public Act 100-23 amended the State Budget Law to add the Fund for the Advancement of Education and the Commitment to Human Services Fund (both of which

receive a portion of State income tax receipts) and the Budget Stabilization Fund to the State definition of General Funds. Tables and budget discussion in this Official Statement for Fiscal Year 2017 and earlier reflect the original definition of General Funds, except where noted. Amounts under the headings “REVIEW OF FISCAL YEAR 2016” and “REVIEW OF FISCAL YEAR 2017” in this section, where applicable, have been restated to reflect the new definition of General Funds. As such, the amounts reflected under such headings differ from the amounts reflected in the TBFR.

Tables 3 and 4, which are presented on the following pages, describe the General Funds revenues and expenditures of the State for the past five fiscal years prepared on a cash or budget basis and are drawn from the Fiscal Year 2018 TBFR. The budget basis reflects the statutory provisions and associated policies for recognition of revenues, expenditures, transfers and outstanding liabilities associated with the passage and adoption of the General Funds budget for each fiscal year. As discussed in APPENDIX G—ACCOUNTING PRACTICES USED IN STATE FINANCIAL INFORMATION, budget basis statements differ materially from those prepared on the basis of GAAP.

Table 3 lists cash basis revenues which include cash receipts from State sources, statutory transfers in, and federal sources, both receipts and transfers in. Table 3 also segregates Base Revenues from Total Revenues where the differences include one-time receipts in the form of short term borrowings as well as cash management transfers for cash flow purposes that are repaid either within the same or subsequent fiscal years and reported as expenditures in Table 4.

Table 4 lists budget basis expenditures based upon warrants issued by the Comptroller during the fiscal year. The expenditures by warrant for each fiscal year are reported using three different approaches: (1) by agency that incurred the expenditure, (2) by categorical form of the expenditure, and (3) by functional category of the expenditure, and Table 4 also reports transfers out. Table 4 also segregates Base Expenditures from Total Expenditures, reflecting repayment of short term borrowings and cash management transfers that were receipts in either the same or prior fiscal years, as reported in Table 3.

For an operating statement explaining the changes during Fiscal Year 2018 in both cash balance as well as fund balance, reflecting the cash basis and budget basis, respectively, see Table G-1 in APPENDIX G—ACCOUNTING PRACTICES USED IN STATE FINANCIAL INFORMATION.

TABLE 3
(Cash Basis)
GENERAL FUNDS ANALYSIS OF REVENUES
(\$ in Millions)
June 30 Fiscal Year End

	FY2014	FY2015	FY2016	FY2017	FY2018	FY2018 INCREASE OR DECREASE AMOUNT PERCENT		FY2018 WHERE THE DOLLAR CAME FROM
STATE SOURCES:								
CASH RECEIPTS:								
Income Taxes								
Individual.....	\$16,642	\$15,433	\$12,890	\$12,737	\$17,725	\$4,988	(39.2)%	
Corporate.....	3,164	2,686	1,972	1,328	2,017	689	(51.9)	
Total, Income Taxes.....	19,806	18,119	14,862	14,065	19,742	5,677	(40.4)	47.6%
Sales Taxes.....	7,676	8,030	8,063	8,043	\$ 7,810	\$ (233)	(2.9)	18.9
Other Sources								
Public Utility Taxes.....	1,013	1,006	926	884	896	12		
Insurance Tax & Fees.....	333	353	398	391	432	41		
Cigarette Taxes.....	353	353	353	353	358	97		
Inheritance Tax (gross).....	276	333	306	261	344	(9)		
Cook County Intergovernmental Transfer	244	244	244	244	244	0		
Corporate Franchise Tax & Fees.....	203	211	207	207	207	0		
Liquor Gallonage Taxes.....	165	167	170	171	172	1		
Investment Income.....	20	25	24	36	79	43		
Other Taxes, Licenses, Fees & Earnings	624	735	574	725	719	(6)		
Total, Other Sources.....	3,231	3,427	3,202	3,272	3,451	179	5.5	8.3
TOTAL, CASH RECEIPTS.....	\$30,713	\$29,576	\$26,127	\$25,380	\$31,003	\$5,623	(22.2)%	74.8%
TRANSFERS IN FROM OTHER STATE FUNDS:								
Income Tax Bond Fund.....	0	0	0	0	2,500	2,500		
Lottery Fund.....	668	678	677	720	719	(1)		
Interfund Borrowing.....	0	454	0	0	533	533		
Capital Projects Fund.....	280	185	60	35	440	405		
Build Illinois Fund.....	265	337	316	320	328	8		
State Gaming Fund.....	321	292	277	270	272	2		
Budget Implementation Acts.....	0	1284 ²	0	0	269	269		
Hospital Provider Fund.....	80	80	80	80	80	0		
Metropolitan Exposition Auditorium & Office Building Fund.....	13	14	17	13	12	(1)		
State Whistleblower Reward and Protection Fund.....	38	6	9	10	10	0		
Warrant Escheat Fund.....	15	11	10	9	9	0		
McCormick Place Expansion Project Fund..	0	0	25	14	7	(7)		
Illinois Sports Facilities.....	0	0	9	48	6	(42)		
Protest Fund.....	13	18	11	3	2	(1)		
Income Tax Refund Fund.....	397	63	77	4	1	(3)		
Budget Stabilization Fund.....	275	275	125	0	0	0		
FY13/FY14 Backlog Payment Fund.....	50	0	0	0	0	0		
All Other Funds.....	12	13	13	16	22	6		
TOTAL, TRANSFERS IN.....	\$2,427	\$3,710	\$1,706	\$1,542	\$5,210	\$3,668	237.9%	12.6%
TOTAL, STATE SOURCES.....	\$33,140	\$33,286	\$27,833	\$26,922	\$36,213	\$9,291	34.5%	87.4%
FEDERAL SOURCES:								
CASH RECEIPTS:								
Department of Healthcare and Family Services								
	3,761	3,180	2,512	2,288	4,985	2,697		
Department of Human Services								
	98	109	110	156	246	90		
All Other Agencies.....								
	8	7	3	7	6	(1)		
TOTAL, CASH RECEIPTS.....	\$3,867	\$3,296	\$2,625	\$2,451	\$5,237	\$2,786		
TRANSFERS IN:								
Federal Trust Funds.....								
	\$36	\$35	\$40	\$32	\$1	\$(31)		
TOTAL, FEDERAL SOURCES.....	\$3,903	\$3,331	\$2,665	\$2,483	\$5,238	\$2,755	111.0%	12.6%
TOTAL, REVENUES.....	\$37,043	\$36,617	\$30,498	\$29,405	\$41,451	\$12,046	41.0%	100.0%
Transfer from Budget Stabilization Fund.....								
	275	275	125	0	0	0		
Interfund Borrowing.....								
	0	454	0	0	533	533		
TOTAL, BASE REVENUES⁽¹⁾.....	\$36,768	\$35,888	\$30,373	\$29,405	\$40,918	\$11,513	39.2%	

Source: Page 5 of the Traditional Budgetary Financial Report FY2018

(1) Base Revenues equal Total Revenues less the adjustment items listed below "Total, Revenues" above.

TABLE 4
(Budget Basis)
GENERAL FUNDS ANALYSIS OF EXPENDITURES
(\$ in Millions)
June 30 Fiscal Year End

WARRANTS ISSUED: BY AGENCY:	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY2018		FY2018 WHERE THE DOLLAR WAS SPENT
						INCREASE OR DECREASE AMOUNT	PERCENT	
State Board of Education.....	\$6,681	\$6,545	\$6,507	\$7,211	8,201	990	13.7	21.0%
Healthcare and Family Services.....	7,292	6,525	6,090	5,972	7,601	1,629	27.3	19.5
Teachers Retirement System.....	3,529	3,479	3,851	4,096	4,210	114	2.8	10.8
Human Services.....	3,217	3,363	3,153	3,283	3,640	357	10.9	9.3
Higher Education Agencies:								
Universities Retirement System.....	1,316	1,352	1,416	1,506	1,418	(88)	(5.8)	
University of Illinois.....	663	644	180	651	583	(68)	(10.4)	
Student Assistance Commission.....	382	375	176	365	407	42	11.5	
Community College Board.....	342	338	76	239	204	(35)	(14.6)	
Southern Illinois University.....	205	200	57	200	181	(19)	(9.5)	
All Other.....	395	382	134	398	348	(50)	(12.6)	
Total, Higher Education Agencies.....	3,303	3,291	2,039	3,359	3,141	(218)	(6.5)	8.1
All Other Agencies:								
Central Management Services.....	1,513	1,608	28	182	1,960	1,778	976.9	
Corrections.....	1,276	1,310	888	1,076	1,890	814	75.7	
State Employees Retirement System....	1,097	1,149	1,367	1,309	1,319	10	0.8	
Aging.....	935	880	646	590	893	303	51.4	
Children and Family Services.....	684	672	619	684	746	62	9.1	
Judicial Agencies.....	458	497	502	502	511	9	1.8	
State Police.....	286	254	223	219	258	39	17.8	
Secretary of State.....	258	292	196	231	249	18	7.8	
Other Agencies.....	1,010	909	653	710	790	80	11.3	
Total, All Other Agencies.....	7,517	7,571	5,122	5,503	8,616	3,113	56.6	22.1
Prior Year Adjustments.....	(60)	(11)	(12)	(3)	(28)	(25)	N/A	(0.1)
BY CATEGORY:								
Awards and Grants.....	21,141	20,828	19,859	21,014	23,341	2,327	11.1	59.9
Operations.....	10,387	9,938	6,899	8,402	12,059	3,657	43.5	30.9
Refunds.....	5	0	0	0	5	5	N/A	
Permanent Improvements and								
Highway Construction.....	6	8	4	8	4	(4)	(50.0)	0.0
Prior Year Adjustments.....	(60)	(11)	(12)	(3)	(28)	(25)	N/A	(0.1)
BY FUNCTION:								
Education.....	13,525	13,377	12,409	14,679	15,564	885	6.0	39.9
Health and Social Services.....	12,333	11,627	10,643	10,676	13,042	2,366	22.2	33.4
General Government.....	3,297	3,397	1,879	2,058	3,817	1,759	85.5	9.8
Public Protection and Justice.....	2,186	2,210	1,749	1,921	2,807	886	46.1	7.2
Environment and Business Regulation.....	70	85	52	53	66	13	24.5	0.3
Employment and Economic Development.....	101	73	30	37	104	67	181.1	0.2
Transportation.....	22	5	0	0	4	4	N/A	0.0
Refunds.....	5	0	0	0	5	5	N/A	0.0
Prior Year Adjustments.....	(60)	(11)	(12)	(3)	(28)	(25)	N/A	(0.1)
TOTAL, WARRANTS ISSUED.....	31,479	30,763	26,750	29,421	35,381	5,960	20.3	90.7
TRANSFERS OUT.....	5,497	4,858	4,576	4,636	3,610	(1,026)	(22.1)	9.3
TOTAL, EXPENDITURES.....	\$36,976	\$35,621	\$31,326	\$34,057	\$38,991	\$4,934	14.5%	100.0%
Repayment of Interfund Borrowing.....	0	0	0	15	128	113		
Transfer to Budget Stabilization Fund.....	275	275	125	0	0	0		
TOTAL, BASE EXPENDITURES⁽¹⁾.....	\$36,701	\$35,346	\$31,201	\$34,042	\$38,863	\$4,821	14.2%	

Source: Page 9 of the Traditional Budgetary Financial Report FY2018

(1) Base Expenditures equal Total Expenditures less the adjustment items listed below "Total, Expenditures" above.

ACCOUNTS PAYABLE

As described below, Table 5 includes General Funds lapse period transactions at the end of a fiscal year as reported in the TBFR, which represent budget basis accounts payable. On a GAAP basis, and as reported in the CAFR, the General Funds of the State also carry other liabilities not detailed in Tables 3, 4 and 5. The lapse period transaction amounts (i.e., budget basis accounts payable) do not include Section 25 liabilities that represent incurred legal liabilities primarily for Medicaid and group health insurance that are paid from the appropriations of subsequent fiscal years because appropriation authority for those expenditures in the current year has been exhausted, nor does it include amounts for which sufficient current year appropriations were not provided.

Table 5 includes Budget Basis Accounts Payable, General Funds Section 25 Liabilities that have accrued during the current and prior fiscal years, but that will be paid from future fiscal years' appropriations, payable from the General Funds, and Section 25 Liabilities attributed to funds outside of the General Funds.

TABLE 5
(Budget Basis)
ACCOUNTS PAYABLE
AS OF THE END OF EACH FISCAL YEAR 2014-2018
(\$ in millions)

	END OF FISCAL YEAR				
	FY2014	FY2015	FY2016	FY2017	FY2018
General Funds Budget Basis Accounts Payable ¹	\$4,005	\$3,521	\$3,789	\$ 9,061	\$5,823
General Funds Section 25 Liabilities ²	1,622	1,598	3,307	5,932	2,004
Total General Funds Accounts Payables	<u>\$5,627</u>	<u>\$5,119</u>	<u>\$7,096</u>	<u>\$14,993</u>	<u>\$7,827</u>
Section 25 Liabilities - Other State Funds	\$ 429	\$ 316	\$ 956	\$ 162	\$ 214

Source: Illinois Office of the Comptroller. Section 25 Liabilities are reported in the CAFR. Budget Basis Accounts Payable as reported on page 11 of the TBFR.

- 1 This amount includes General Funds Lapse Period Transactions as reported in the TBFR.
- 2 Section 25 Liabilities are incurred in one fiscal year and payable from future fiscal year appropriations. This amount is the General Funds portion of Section 25 liabilities.

Tables 3, 4, 5, G-1 and the State's CAFR, as well as accompanying footnotes, taken together, should be referenced for a more complete understanding of the financial statements.

The following subsections describe the recent financial history of the State and the Fiscal Year 2020 Budget. All amounts set forth in these sections were prepared on the budgetary basis of accounting.

AUTHORIZATION FOR EXPENDITURES IN THE ABSENCE OF A BUDGET – FISCAL YEARS 2016 AND 2017

The State did not enact a full General Funds budget for Fiscal Year 2016 or for Fiscal Year 2017, but certain spending continued to occur in the absence of a budget. In Fiscal Year 2016 and in Fiscal Year 2017, certain appropriations were enacted and certain spending occurred through statutory transfers, statutory continuing appropriations, court orders and consent decrees.

All debt service payments on GO Bonds in Fiscal Year 2016 and Fiscal Year 2017 were paid by the Treasurer through statutory continuing appropriations or enacted State appropriations from the GOBRI Fund. Statutory transfers to the GOBRI Fund from the various funds in the State Treasury occurred as required by statute.

The following descriptions outline generally the ways that State spending occurred during this timeframe.

- *Appropriations signed into law* – Appropriations bills that are enacted into law authorize State agencies to spend from these appropriations as permitted by law.
- *Continuing appropriations authorized by statute* – Certain State spending obligations are covered by statutory continuing appropriations; i.e., in situations where annual line-item appropriations are not enacted, an appropriation is established by the Comptroller equal to the amount required to be spent by statute in lieu of an annual appropriation. Public Acts can create funding formulas and continuing appropriations as well as line-item appropriations. For example, the State’s contributions to the five State funded retirement systems are covered by continuing appropriation language (as more fully described in APPENDIX E—PENSION AND OTHER POST EMPLOYMENT BENEFITS). Additionally, as described above, debt service payments on GO Bonds from the GOBRI Fund are covered by statutory continuing appropriations to make payments to bondholders.
- *Statutory transfers to other State funds* – Certain transfers must be made from one fund into another fund in the State Treasury based on existing statutes. Transfers from the General Funds and Road Fund into the GOBRI Fund occur through statutory transfers.
- *Court Orders/Consent Decrees* – In Fiscal Year 2016 and Fiscal Year 2017, certain spending from the General Funds occurred without passage of a full State budget when the State was ordered to make such payments by court order or consent decree. Various court actions taken since July 2015 and prior consent decrees directed the State, through the Office of the Comptroller, to continue to make payments in the absence of appropriations for items such as State employee salaries, payments to Medicaid providers, the operations of the Department of Children and Family Services and the Department of Juvenile Justice, and certain social service programs. The social service spending consent decrees came from federal court action. Much of the spending on these programs continued at Fiscal Year 2015 levels as directed by the courts.

REVIEW OF FISCAL YEAR 2016

The Fiscal Year 2016 General Funds Budget was never fully enacted. In February 2015, the Governor proposed a Fiscal Year 2016 Budget (described below and available on GOMB’s website (see APPENDIX F—WEBSITE INDEX)) that recognized a significant deficit between revenues and expenditures if spending were allowed to continue on an “auto pilot” or maintenance basis (i.e., with no increase in revenues, no changes to State statutes or other spending controls). This forecast reflected the statutory tax rates in effect at the time of his proposal, including the impact of the decrease in the individual and corporate state income tax rates on January 1, 2015. The Governor recommended, among other things in his proposal, reductions in General Funds spending, reductions in statutory transfer levels, and pension reforms to reduce the cost of State pensions.

In May 2015, the General Assembly passed several appropriation bills and presented them to the Governor for his approval. In June 2015, the Governor signed certain appropriations into law, including full-year funding for elementary and secondary education, State payments to the Teachers' Retirement System and capital appropriations for the Illinois Department of Transportation. However, during the summer, the Governor vetoed the majority of appropriation bills passed by the General Assembly, including bills funding the majority of the State's General Funds budget, noting that projected spending from those proposals exceeded forecasts of available revenue by over \$4 billion. During Fiscal Year 2016, other appropriations were enacted for certain Fiscal Year 2016 costs, including some higher education costs, spending of certain federal revenues, and most appropriations from State funds outside of the General Funds.

After adjusting for transfers due to the General Funds, as reported by the Comptroller, Fiscal Year 2016 results reflect a \$172 million decrease in the General Funds budgetary balance (i.e., the June 30 cash balance less the General Funds obligations paid in the State's lapse period) from a deficit of \$2.9 billion in Fiscal Year 2015 to a deficit of \$2.8 billion in Fiscal Year 2016. However, this only reflects the amounts processed through the Office of the Comptroller for Fiscal Year 2016 and does not reflect approximately \$3.0 billion for which costs were incurred but the State was unable to pay due to the lack of sufficient appropriations.

REVIEW OF FISCAL YEAR 2017

A full Fiscal Year 2017 General Funds Budget was never enacted. As of May 31, 2016, no appropriation bills for Fiscal Year 2017 spending had passed both chambers of the General Assembly. On June 30, 2016, Public Act 99-523 and Public Act 99-524 were signed into law by the Governor, authorizing an agreed upon stop gap or "bridge" funding plan to keep government functioning until the General Assembly and the Governor could come to agreement on a full Fiscal Year 2017 budget. The "bridge" plan as enacted included a full year of Fiscal Year 2017 funding for elementary and secondary education, full-year authority to spend all federal and other state funds outside of the General Funds for Fiscal Year 2017, capital appropriations for the State's road program and some of the state's other construction projects and limited Fiscal Year 2017 General Funds appropriations for costs of critical state government operations incurred through December 31, 2016.

The enacted legislation permanently forgave repayment of the 2015 interfund borrowing that would have been due in Fiscal Year 2017. It authorized the spending of \$275 million from the Budget Stabilization Fund, \$97 million in funding for community colleges from the Personal Property Tax Replacement Fund, \$701 million from the Commitment to Human Services Fund and \$453 million from the Fund for the Advancement of Education for purposes traditionally supported by the general funds. In addition, the "bridge" funding plan included a new hospital assessment to capture additional federal match associated with higher than anticipated Medicaid enrollment of newly eligible individuals under the ACA. The new assessment alleviated \$150 million in state revenue pressure. Public Act 99-523 also altered some of the requirements for Fiscal Year 2017 issuances of GO Bonds for refunding purposes and Build Illinois refunding bonds in order to allow the State to save on debt service costs. Refunding GO Bonds were issued in the fall of 2016 which resulted in debt service savings of \$229.0 million over the life of such GO Bonds, including savings of \$30.5 million in Fiscal Year 2017.

As part of the Fiscal Year 2018 budget legislation, additional supplemental appropriations for Fiscal Year 2017 were included in PA 100-21, effective July 6, 2017. This act included \$1.9 billion

in additional Fiscal Year 2017 General Funds appropriations for higher education, elementary and secondary education and other purposes.

After adjusting for transfers due to the General Funds as reported by the Comptroller, Fiscal Year 2017 results reflect a \$5.1 billion decrease in the General Funds budgetary balance (the June 30 cash balance less the General Funds obligations paid in the State's lapse period). The deficit rose from \$2.8 billion in Fiscal Year 2016 to a deficit of \$8.0 billion in Fiscal Year 2017.

Fiscal Year 2017 Spending in Absence of a Budget

The State began Fiscal Year 2017 on July 1, 2016 without a fully enacted budget in place. As described above, certain State spending continued to occur in the absence of a full budget as it did in Fiscal Year 2016.

- *Appropriations signed into law* – PA 99-524 and PA 100-21 included General Funds spending totaling approximately \$7.5 billion on elementary and secondary education, \$2.1 billion on higher education, \$1.4 billion for human service programs and approximately \$800 million on State agency operations.
- *Continuing appropriations authorized by statute* – Approximately \$6.9 billion in General Funds appropriations were established for payments to the State's retirement systems in the absence of enacted appropriations. Additionally, certain expenditures were made related to some retired teacher health care costs and operations of the legislative and judicial branches pursuant to continuing appropriations. In total, approximately \$7.5 billion in spending occurred in Fiscal Year 2017 through continuing appropriations.
- *Debt service and other statutory transfers to other State funds* – Approximately \$2.2 billion in estimated General Funds transfers to the GOBRI Fund for debt service on GO Bonds and approximately \$2.4 billion in transfers to other State funds for other purposes, primarily the Local Government Distributive Fund and mass transit funding for the Regional Transportation Authority and for downstate transit systems, occurred from the General Funds in Fiscal Year 2017 under State statutes.
- *Court Orders/Consent Decrees* – Court orders and consent decrees required the State to continue to make payments in the absence of appropriations in Fiscal Year 2017 for costs such as State employee salaries, payments to Medicaid providers, and certain social service programs. In total, approximately \$14.2 billion in spending from the General Funds occurred in Fiscal Year 2017 through these court orders and consent decrees, including approximately \$6.4 billion on Medicaid-related costs.

Fiscal Year 2017 Revenues

Base General Funds revenues (excluding interfund borrowing, the Treasurer's investment borrowing, Section 7.6 Bond proceeds and any related federal match received from the use of such bond proceeds) for Fiscal Year 2017 totaled \$30.3 billion, a decrease from Fiscal Year 2016 revenues of \$957 million (3.1 percent). The State's three largest revenue sources, individual income tax, corporate income tax and State sales tax, totaled \$23.0 billion, a net decrease of \$806 million or 3.4 percent when compared to such revenues for Fiscal Year 2016. Individual income taxes totaled \$13.7 billion, a \$145 million (1.1 percent) decrease from Fiscal Year 2016. Corporate income taxes totaled \$1.3 billion, a decrease of \$641 million (32.5 percent) from Fiscal Year 2016.

Sales taxes totaled \$8.0 billion, a \$20 million, or 0.2 percent, decrease from Fiscal Year 2016. Other State source revenues totaled \$3.3 billion and transfers in from other State funds totaled \$1.5 billion.

Federal revenues totaled \$2.5 billion, a decrease of \$182 million from Fiscal Year 2016. This amount was lower than forecasted due to delays in releasing Medicaid payments that qualified for federal reimbursement. As revenues are recognized on a cash basis, federally matched moneys received for vouchers released after June 30, 2017 will be recorded in Fiscal Year 2018.

Fiscal Year 2017 Expenditures

General Funds operating expenditures and transfers to other State funds processed through the Office of the Comptroller for Fiscal Year 2017 totaled \$35.7 billion (excluding prior year adjustments). Expenditures on the operating budget, not including pension contributions, totaled \$24.1 billion, an increase of \$3.5 billion (17.2 percent) from Fiscal Year 2016. General Funds pension contributions totaled \$7.0 billion, an increase of \$319 million (4.8 percent). Fiscal Year 2017 General Funds appropriations included language allowing State agencies to pay amounts carried over from Fiscal Year 2016 with Fiscal Year 2017 appropriations. Certain Fiscal Year 2017 appropriations were used to pay Fiscal Year 2016 commitments.

Utilizing Fiscal Year 2017 appropriations for Fiscal Year 2016 costs limited agencies' ability to process vouchers through the Comptroller's office for Fiscal Year 2017 obligations. Not all current obligations of the State were paid during Fiscal Year 2017, while services continued with expectations of future payments. Areas for which the State did not provide payments at previous years' levels from the General Funds, but for which the State has historically provided significant financial commitment, include General Revenue Fund payments to state employee health insurance providers and operational costs of certain state agencies.

REVIEW OF FISCAL YEAR 2018

Fiscal Year 2018 Budget Actions

As of May 31, 2017, no appropriations bills for spending for Fiscal Year 2018 had passed both chambers of the General Assembly. Fiscal Year 2018 began on July 1, 2017. Three budget-related Public Acts went into effect on July 6, 2017: Public Act 100-21 (appropriations), Public Act 100-22 (revenues) and Public Act 100-23 (the budget implementation statutory changes).

Included in Public Act 100-22 were permanent increases in the individual income tax rate from 3.75 percent to 4.95 percent and in the corporate income tax rate from 5.25 percent to 7.0 percent, effective July 1, 2017. Other changes included revisions to certain tax credits and corporate income tax deductions.

PA 100-23 included several legislative changes, some of which affected the State's Fiscal Year 2018 General Funds Budget. These items include:

- Beginning in Fiscal Year 2018, State income and sales tax revenues shared with local governments, which previously were deposited in the General Revenue Fund and then transferred out to other funds, are now deposited directly into the Local Government Distributive Fund, Public Transportation Fund and Downstate Public Transportation Fund at the time revenues are collected. See APPENDIX A—CERTAIN INFORMATION REGARDING THE STATE OF ILLINOIS—"Part IV: Tax Review." Local governments are expected to receive their payments from the State more quickly under this structure.

- Authorization for the State to issue up to \$6 billion in Section 7.6 Bonds which were issued on November 8, 2017 and generated proceeds of approximately \$6.5 billion. The proceeds of the issuance of the Section 7.6 Bonds were used to reduce the State's accumulated unpaid bills by paying State vouchers incurred prior to July 1, 2017.
- Authorization for the Comptroller to reallocate in Fiscal Year 2018 up to \$292.8 million from specific funds in the State Treasury to the General Revenue Fund, Budget Stabilization Fund, Healthcare Provider Relief Fund, or Health Insurance Reserve Fund, to enable the Comptroller to reduce the backlog of unpaid bills. In total, the Comptroller used this authority to process \$269 million in fund reallocations in Fiscal Year 2018.
- Authorization for the Comptroller to temporarily transfer balances in other State funds in the State Treasury to General Funds or the Health Insurance Reserve Fund prior to December 31, 2018 to assist with the liquidity of the funds and assist in decreasing the State's payables. The authority for this borrowing was extended to February 28, 2019 by P.A. 100-587. Any such interfund borrowing amounts were required to be paid back within 24 months of the borrowing under Public Act 100-23, but Public Act 101-0010 extended the timeline for repayments to 48 months. Outstanding interfund borrowing under this authority cannot at any time exceed \$1.2 billion. \$645.5 million of such borrowing was outstanding as of October 1, 2019.
- As described above, General Funds have been defined to include the General Revenue Fund, the Common School Fund, the General Revenue-Common School Special Account Fund, the Education Assistance Fund, the Fund for the Advancement of Education, the Commitment to Human Services Fund and the Budget Stabilization Fund.

On August 31, 2017, the Governor signed Public Act 100-465 into law, which provided for an evidence-based method of allocating funding among the State's school districts.

On June 4, 2018, the Governor signed Public Act 100-586, which, along with providing appropriations for Fiscal Year 2019, included \$1.2 billion in supplemental appropriations for Fiscal Year 2018. These supplemental appropriations were primarily meant to address prior year liabilities that remained unpaid.

Fiscal Year 2018 Revenues

Base General Funds revenues, as impacted by the changes to the individual income tax and corporate income tax rates, for Fiscal Year 2018 totaled \$38.1 billion, an increase of \$7.8 billion, or 25.8 percent, when compared to Fiscal Year 2017 results under the new definition of General Funds. This increase primarily reflects an increase of \$4.7 billion in individual income tax and corporate income tax revenues generated by increase in such tax rates.

Individual income taxes deposited into the General Funds totaled \$17.7 billion, while corporate income taxes totaled \$2.0 billion for Fiscal Year 2018. These amounts include \$1.2 billion deposited into the Commitment to Human Services Fund and the Fund for the Advancement of Education that are now included in the definition of General Funds. Excluded from these numbers are \$1.1 billion of income tax revenue deposited directly with local governments.

Net sales tax revenue deposits into the General Funds totaled \$7.8 billion. This excludes \$446 million of sales tax revenues deposited directly into local transit funds. Revenues from other state sources totaled \$3.5 billion.

Federal source revenues increased to \$5.2 billion in Fiscal Year 2018 from the Fiscal Year 2017 total of \$2.5 billion. The Fiscal Year 2018 total includes approximately \$1.2 billion from the use of the proceeds of the Section 7.6 Bonds to pay down prior year Medicaid liabilities. The transfer in to the General Funds of \$2.5 billion in Section 7.6 Bond proceeds is not included in base revenues for Fiscal Year 2018.

Other transfers in, not including amounts from fund reallocations or interfund borrowing authorized in PA 100-23, increased to \$1.9 billion in Fiscal Year 2018 from actual Fiscal Year 2017 results of \$1.5 billion.

Fund reallocations in the approximate amount of \$293 million were authorized in PA 100-23 along with statutory authority for the Comptroller to borrow from available balances in other State funds up to an aggregate amount of \$1.2 billion over Fiscal Years 2018 and 2019 for deposit into the General Funds or the Health Insurance Reserve Fund in order to meet cash flow deficits and maintain liquidity in such funds. The Comptroller executed a total of \$269 million in fund reallocations and \$533 million in interfund borrowing in Fiscal Year 2018 (\$128 million of the interfund borrowing was repaid by the Comptroller during Fiscal Year 2018). While Public Act 100-23 required interfund borrowing to be repaid within 24 months of such borrowing, Public Act 101-0010 extended the date of repayment to within 48 months.

Fiscal Year 2018 Expenditures

General Funds operating expenditures (including spending from appropriations and excluding transfers out of the General Funds, including debt service) under the revised General Funds definition, totaled \$35.4 billion, an increase of \$4.4 billion or 14.2 percent from Fiscal Year 2017 results. Notable increases in spending, including supplemental appropriations for prior year costs, included \$521 million for elementary and secondary education (plus \$221 million for the State's contribution to the Chicago teachers' pension system), \$1.6 billion for the Department of Healthcare and Family Services, \$814 million for the Department of Corrections and an increase in General Funds pension contribution appropriations of \$63 million (reduced from original estimates as described in APPENDIX E—PENSION AND OTHER POST EMPLOYMENT BENEFITS—"2017 Legislation Modifying Pension Structure"). Additionally, the Fiscal Year 2018 General Funds amount includes General Revenue Fund appropriations of \$1.9 billion for State employee and retiree health insurance which was not covered by a General Revenue Fund appropriation in Fiscal Year 2017.

Statutory transfers out of the General Funds declined by \$1.8 billion to \$582 million in Fiscal Year 2018 from actual Fiscal Year 2017 results primarily due to a switch to direct deposits of the State's local government revenue sharing portions of income and sales taxes into other State funds instead of the prior practice of depositing them into the General Funds and transferring them out to the other State funds. \$1.6 billion of local government revenue sharing was direct deposited in Fiscal Year 2018 to other State funds which previously would have been deposited first into the General Funds before transfer to the other State funds. Debt service for GO Bonds, including pension bonds and Section 7.6 Bonds, totaled \$2.9 billion from the General Funds, an increase of \$664 million (29.7% increase from Fiscal Year 2017). \$527 million of such amount resulted from the issuance of the Section 7.6 Bonds during Fiscal Year 2018. Additionally, the State transferred \$128 million to other State funds to repay interfund borrowing in excess of base transfers.

Fiscal Year 2018 Results

After adjusting for transfers to the General Funds as reported by the Comptroller, total Fiscal Year 2018 General Funds expenditures exceeded Fiscal Year 2018 General Funds revenues by \$234 million.

However, this deficit was reduced on a reporting basis by \$2.5 billion due to the transfer into the General Funds of a portion of the proceeds of the Section 7.6 Bonds.

After adjusting for such one-time revenue, Fiscal Year 2018 results reflect a \$2.3 billion increase in the General Funds budgetary balance (the June 30 cash balance less the General Funds obligations paid in the State's lapse period). The budgetary deficit lessened from \$8.0 billion in Fiscal Year 2017 to a deficit of \$5.7 billion in Fiscal Year 2018 as included in the Fiscal Year 2018 TBFR. See TABLE G-1 in EXHIBIT G hereto.

Fiscal Year 2018 Bill Payment Delays

State agencies can submit vouchers for payment to the Comptroller for items that have enacted annual appropriations or continuing appropriations. Based on the revenues available to make such payments, there have been delays in making those payments to the vendors. As of September 30, 2019, the Comptroller was holding \$5.8 billion in unpaid General Funds vouchers and pending transfers, and the Comptroller estimated that state agencies were holding an additional \$605 million. At its peak in November 2017, prior to the issuance of the Section 7.6 Bonds, the Comptroller estimated that the backlog of unpaid bills totaled \$16.7 billion, and the late payment interest and penalties related thereto eventually exceeded \$1.25 billion.

On June 30, 2017, a federal judge ordered the Comptroller to comply with the *Memisovski* and *Beeks* consent decrees by prioritizing certain payments to medical providers serving Medicaid clients as significant delays in payments to Medicaid providers were occurring. The direction from the court was to ensure payment of \$586 million of monthly payments to Medicaid providers (including managed care providers). The court also ordered that Medicaid providers must be paid an additional \$2 billion in Fiscal Year 2018 to begin reducing the accumulated backlog of Medicaid bills on hold at the Comptroller's office. These were gross payments, inclusive of the share that would be covered by reimbursement by the federal government under the Medicaid program. All required payments, and some payments in excess of the requirement, were made during Fiscal Year 2018. For additional details, see "LITIGATION – *Beeks v. Bradley* and *Memisovski v. Maram*". A portion of the proceeds of the Section 7.6 Bonds issued in November 2017 were used to make some of these Medicaid payments.

On November 8, 2017, the Comptroller transferred \$2.5 billion to the General Revenue Fund and approximately \$4.0 billion to the Health Insurance Reserve Fund from the Section 7.6 Bond proceeds, which significantly reduced the amount of State employee health insurance and Medicaid bills on hold. This paydown in Medicaid bills generated federal match revenues in the amount of \$1.2 billion. The federal matching funds were used to pay additional Medicaid bills, generating an additional \$1.0 billion in federal matching funds which were also used to pay Medicaid bills. Therefore, in the aggregate, \$4.7 billion in Medicaid bills were paid as a result of the issuance of the Section 7.6 Bonds and the federal match.

REVIEW OF FISCAL YEAR 2019 PERFORMANCE

Fiscal Year 2019 Revenues

Fiscal Year 2019 base revenues totaled \$39.2 billion, an increase of \$1.0 billion (2.7%) from Fiscal Year 2018 levels.

The State's three largest revenue sources, individual income tax, corporate income tax and state sales tax, totaled \$30.0 billion, a net increase of \$2.5 billion (9.0%) when compared to Fiscal Year 2018. The estimate is net of direct deposits of \$1.8 billion into the Local Government Distributive Fund, Public Transportation Fund and Downstate Public Transportation Funds from income and sales tax receipts.

Federal revenues totaled \$3.6 billion, a decrease of \$1.6 billion (31.3%) from Fiscal Year 2018 federal revenues as the Fiscal Year 2018 number reflected additional federal revenues related to the paydown in the Medicaid bill backlog described above. Transfers in for Fiscal Year 2019 totaled \$2.0 billion, an increase of \$127 million (6.7%) above Fiscal Year 2018. Additionally, total Fiscal Year 2019 revenues include \$250 million in interfund borrowing and \$750 million in Treasurer's investment borrowing. Such revenues from interfund borrowing and the Treasurer's investment borrowing program are not included in the State's base revenues. For additional information regarding the Treasurer's program, see "INVESTMENT OF FUNDS" herein.

Fiscal Year 2019 Estimated Expenditures

Total General Funds operating expenditures for Fiscal Year 2019 are projected to total \$36.3 billion, an increase of \$926 million (2.6%) from Fiscal Year 2018 results. This includes expenditures of approximately \$372 million for paying for retroactive step payments to AFSCME employees for Fiscal Years 2016, 2017 and 2018 and the first three quarters of Fiscal Year 2019.

Statutory transfers out of the General Funds unrelated to debt service declined by approximately \$150 million to \$433 million in Fiscal Year 2019 from actual Fiscal Year 2018 results of \$582 million. Debt service transfers from the General Funds for GO Bonds, including pension bonds, and Section 7.6 Bonds, totaled \$2.7 billion from the General Funds. This includes debt service with respect to the Section 7.7 Bonds. Fiscal Year 2019 expenditures also include \$763 million for the repayment of the Treasurer's investment borrowing, including interest, and \$10 million for interfund borrowing repayments.

Fiscal Year 2019 Results

The Fiscal Year 2019 budget is expected to show Fiscal Year 2019 Expenditures exceeded Fiscal Year 2019 revenues by approximately \$46 million. Final Fiscal Year 2019 results on a budgetary basis, including Lapse Period transactions as included in TABLE 5, will be available with the release of the Fiscal Year 2019 TBFR.

FISCAL YEAR 2020 BUDGET

On June 5, 2019, Governor Pritzker signed the State's Fiscal Year 2020 budget (the "Fiscal Year 2020 Budget") into law. The Fiscal Year 2020 Budget makes key investments, increasing K-12 funding by approximately \$379 million, increasing early childhood education funding by \$50 million, and appropriating the State's full statutorily required contribution to the State's retirement funds. The Fiscal Year 2020 Budget relies on (i) an estimated \$500 million in revenue from an assessment on managed care organizations, which provides budgetary relief to the General Revenue Fund through reduced transfers to the Healthcare Provider Relief Fund, (ii) an estimated

\$175 million from a tax amnesty program, which runs from October 1, 2019 to November 15, 2019, pursuant to which the State will waive interest and penalties on outstanding taxes and will not seek civil or criminal prosecution for participants in the program, (iii) an estimated \$120 million from decoupling from the federal deduction for repatriated income and (iv) an estimated \$40 million from authorizing a marketplace facilitator to improve online sales tax collections at marketplaces. In addition, Public Act 101-030 authorizes the Additional Section 7.6 Bonds in a maximum principal amount of \$1.2 billion, the proceeds of would be used to pay down the bill backlog and achieve interest savings.

Fiscal Year 2020 Budgeted Revenues

Fiscal Year 2020 General Funds base revenues are estimated to be \$40.3 billion, an increase of \$1.1 billion (2.7 percent) from Fiscal Year 2019 levels.

The State's three largest revenue sources, individual income tax, corporate income tax and State sales tax, are estimated to total \$30.8 billion in deposits to the General Funds, a net increase of \$727 million (2.4 percent) when compared to Fiscal Year 2019. The estimate assumes deposits of \$1.8 billion into the Local Government Distributive Fund, Public Transportation Fund and Downstate Public Transportation Funds from income and sales tax receipts prior to the deposit of these revenue sources into the General Funds.

Federal revenues are projected to total \$3.5 billion, a decrease of \$103 million (2.9 percent) from Fiscal Year 2019 federal revenues. Base transfers in for Fiscal Year 2020 are projected to be \$2.5 billion, an increase of \$448 million (22.0 percent) above Fiscal Year 2019.

Additionally, above base revenues, total Fiscal Year 2020 revenues estimates include a potential \$100 million in interfund borrowing, \$400 million from the Treasurer's investment borrowing program and, potentially, \$300 million deposited into the General Revenues Fund from an authorized sale of up to \$1.2 billion of Additional Section 7.6 Bonds. The authorizing legislation for the Additional Section 7.6 Bonds allows the Comptroller to deposit the proceeds of such bonds into either the General Revenue Fund or the Health Insurance Reserve Fund. Final fund allocation of the proceeds of any borrowing will be determined at the time of the borrowing.

Fiscal Year 2020 Budgeted Expenditures

Total General Funds operating expenditures for Fiscal Year 2020, based on current appropriation levels, are projected to total \$37.6 billion, an increase of \$1.3 billion or 3.6 percent from Fiscal Year 2019 results.

Statutory transfers out of the General Funds are projected to decline by approximately \$68 million to \$365 million in Fiscal Year 2020 from actual Fiscal Year 2019 results of \$433 million. Debt service transfers for general obligation pension, Section 7.6 and capital bonds are projected to total \$2.1 billion from the General Funds. This includes debt service on a potential new bond issuance of Section 7.7 Bonds and the issuance of \$1.2 billion of newly authorized Additional Section 7.6 Bonds. See "GENERAL OBLIGATION INDEBTEDNESS—FUTURE FINANCINGS" herein. Monthly transfers from the General Funds with respect to debt service on GO Bonds will average approximately \$174 million a month. General Funds revenues from State sources available to make debt service payments in Fiscal Year 2020 are projected to average approximately \$3.1

billion per month, providing approximately 17.6 times debt service coverage for estimated General Revenue Fund transfers for this Fiscal Year. Fiscal Year 2020 estimated expenditures also reflect the repayment of \$85 million from outstanding interfund borrowing repayments and \$400 million in Treasurer’s investment borrowing program repayments.

Projected Results

The Fiscal Year 2020 Budget projections, based on current appropriations, would result in Fiscal Year 2020 revenues exceeding Fiscal Year 2020 expenditures by \$184 million, including the estimated \$100 million from interfund borrowing. After accounting for the increase to total revenues from the estimated General Revenue Fund deposit from a potential sale of Section 7.6 Bonds in the amount of \$300 million in Fiscal Year 2020, the estimated surplus totals \$484 million. Additional supplemental appropriations or changes to the revenue forecast would impact the final Fiscal Year results. The following charts provide the General Funds financial walkdown for Fiscal Years 2018-2020. Certain information is either estimated or forecasted as noted in the charts.

**STATE OF ILLINOIS
GENERAL FUNDS FINANCIAL WALKDOWN
(\$ billions)**

	FINAL FY 2018	FINAL FY 2019	FY 2020 FORECAST ⁽¹⁾	CHANGE: FY 19 TO FY 2020 FORECAST	
Resources					
Individual and Corporate Income Tax and Sales Tax	27.6	30.0	30.8	0.7	2.4%
All Other Sources	3.5	3.5	3.5	0.0	(0.3%)
Federal revenues	5.2	3.6	3.5	-0.1	(2.9%)
Transfers in	1.9	2.0	2.5	0.4	22.0%
Total Base Revenues	38.1	39.2	40.3	1.1	2.7%
Interfund Borrowing/Fund Reallocations	0.8	0.3	0.1	-0.2	(60.0%)
Treasurer’s Investment Borrowing	0.0	0.8	0.4	-0.4	(46.7%)
Total Resources	39.0	40.2	40.8	0.6	1.6%

⁽¹⁾ Beginning in fiscal year 2020, 45 percent of tax revenues and license fees related to adult use cannabis that are deposited into the Cannabis Regulation Fund, net of State agencies’ operational costs, will be transferred into the General Funds. Ten percent (from that 45 percent) of the tax revenues, scheduled to be deposited into the Budget Stabilization Fund, will be directed solely towards paying down the backlog of bills. The financial walk down forecast does not reflect these revenues at this time, as the estimates and timing forecasts for growth have a wide range. Variables such as number of licenses issued, amount of time it takes to fully establish the growth and distribution pipelines, amount of demand, and costs to the State to regulate cultivators and dispensaries will all affect future receipts to the General Funds. Potentially \$25 - \$150 million a year may be added to the General Funds as the adult use cannabis market develops.

**STATE OF ILLINOIS
GENERAL FUNDS FINANCIAL WALKDOWN
(\$ billions)**

	FINAL FY 2018	FY 2019 ESTIMATE	FY 2020 FORECAST	CHANGE: FY 19 ESTIMATE TO FY 2020 FORECAST	
Expenditures					
Operating Expenditures	35.4	36.3	37.6	1.3	3.6%
Statutory Transfers Out	0.6	0.4	0.4	-0.1	(15.7%)
Transfers for GO Bond Debt Service	2.9	2.7	2.1	-0.6	(22.5%)
Interfund Borrowing Repayment	0.1	0.0	0.1	0.1	750.0%
Treasurer's Investment Borrowing Repayment	0.0	0.8	0.4	-0.4	(47.6%)
Total Expenditures	39.0	40.2	40.6	0.3	0.8%

Income Tax Proposal

The 2019 Spring legislative session saw the passage of Senate Joint Resolution Constitutional Amendment 1 (“SJRC A 1”) and Public Act 101-008, which combined would change the State’s income tax system current structure from a single tax rate on all income to a structure that levies different rates on different levels of income as a means of addressing the State’s fiscal challenges (the “Income Tax Proposal”).

The Income Tax Proposal requires an amendment to the Illinois Constitution (the “Income Tax Amendment”), which according to SJRC A 1 will be submitted to the voters of the State at the general election to be held on November 3, 2020. The Income Tax Amendment must be approved by 60 percent of those voting on the question or majority of those voting in the election. Pursuant to the accompanying Public Act 101-008, implementation of an alternative tax structure would occur in January 2021, providing a half year of additional revenue in State Fiscal Year 2021 if the Income Tax Amendment is passed.

GOMB estimates that the Income Tax Proposal, with the rate changes included in Public Act 101-008, would generate approximately \$3.6 billion in additional revenue for the State annually, and would reduce tax bills for approximately 97% of the State’s tax filers due to reductions in some rates from the current 4.95%. Public Act 101-008 also includes a child tax credit of \$100 per child for certain tax filers and a 20% increase in the current property tax credit. The income thresholds for property tax credits remain unchanged under Public Act 101-008, while single filers with net income up to \$80,000 and joint filers with net income up to \$100,000 are eligible for the child tax credit (though the child tax credit is reduced for single filers or joint filers with incomes in excess of \$40,000 and \$60,000, respectively). The State provides no assurances as to whether the Income Tax Amendment will be enacted or, if enacted, whether the Income Tax Proposal will be implemented or subsequently amended. The following table sets forth the income tax rates contained in Public Act 101-008:

Rates ⁽¹⁾	Applicable Net Income Range Per Public Act 101-008	
	Single Filers	Joint Filers
4.75%	\$0 - \$10,000	\$0 - \$10,000
4.90%	\$10,001-\$100,000	\$10,001-\$100,000
4.95%	\$100,001-\$250,000	\$100,001-\$250,000
7.75%	\$250,001-\$350,000	\$250,001-\$500,000
7.85%	\$350,001-\$750,000	\$500,001-\$1,000,000
7.99%	Over \$750,000	Over \$1,000,000

(1) Rates are marginal rates until income exceeds \$750,000 for single filers and \$1,000,000 for joint filers, after which all income is taxed at the rate of 7.99%.

REBUILD ILLINOIS PROGRAM

On June 28, 2019, the Governor signed the Rebuild Illinois capital program into law (the “Rebuild Illinois Program”). The Rebuild Illinois Program, the largest infrastructure investment in the State’s history, is a six year, \$45 billion capital investment in infrastructure and economic development. Key components of the Rebuild Illinois Program, including appropriation authority, revenues to fund the program, and increased bond authorization, were included in Public Acts 101-007, 101-029, 101-030, 101-031, and 101-032 (“Rebuild Illinois Acts”). The Rebuild Illinois Program utilizes bonding by the State and pay-as-you-go funding, as well as federal, local and private funds, to support an estimated \$33.2 billion in transportation capital projects and nearly \$11.6 billion in non-transportation capital projects. In addition to adding \$20.8 billion in bonded appropriations, the plan accounts for \$10.4 billion in pay-as-you-go funding and \$13.6 billion in federal and local matching investments over six years. Major components of the plan include \$25.3 billion for roads and bridges, including \$1.5 billion in bonded funding and \$2.431 billion in motor fuel tax (“MFT”) revenues available to local governments; \$4.685 billion for mass transit projects; \$3.251 billion for other transportation projects including rail, ports and aeronautics; \$2.938 billion for higher education; \$526 million for Pre-K-12 education; \$4.357 billion for State facilities, including \$4.007 billion for deferred maintenance and new projects and \$350 million for improvements to the State Capitol; \$1.007 billion for environment and conservation, including \$50 million for Park and Recreation Facilities Construction (PARC) grants; and \$1.848 billion for economic and community development; \$465 million healthcare and human services, including \$200 million for construction and rehabilitation of affordable housing; and \$420 million statewide broadband deployment. The total share of the Rebuild Illinois Program funded by the State is expected to total \$31.199 billion, while federal sources are expected to support \$10.032 billion, and local contributions \$3.574 billion.

Approximately \$19.3 billion in new GO Bonds authorization was passed in Public Act 101-030, as well as \$3.2 billion in new authorization for Build Illinois Bonds. For GO Bonds authorization, increases include: (1) over \$8 billion in Capital Development Fund authorization for capital facilities and projects at colleges and universities, open land and recreational spaces, state dams and waterways, health facilities, libraries, and state facilities such as veterans’ homes and correctional centers; (2) \$59 million in School Construction Fund authorization; (3) \$139 million for the Anti-Pollution Fund for purposes such as grants to disadvantaged communities without modern sewage systems and deposits into the Water Revolving Fund; (4) Transportation A fund authorization increase of \$6.5 billion for state highways and bridges; (5) Transportation B Fund authorization increase of \$104 million for mass transit facilities; (6) \$6.5 million for State roads and bridges for the Transportation D Fund; and (7) \$4.5 billion authorization for grade crossings,

port facilities, airport facilities, rail facilities, and mass transit facilities to be deposited in the newly created Multi-Modal Transportation Bond Fund. Build Illinois Bond Fund authorization was increased by (1) \$1.1 billion for public infrastructure projects; (2) \$1.3 billion for economic development projects; (3) \$767 million for educational, scientific and technical programs and projects; and (4) \$47.7 million for protection, preservation, restoration and conservation of environmental and natural resources.

The increased authorizations will support approximately \$18.2 billion in new GO Bond funded appropriations and approximately \$2.7 billion in new Build Illinois Bond Fund appropriations for the Rebuild Illinois Program. The remaining increases in authorization were enacted to make whole any shortfalls between enacted appropriation authority, existing cash resources, and existing bond authorization.

Appropriation authority totaling just over \$46.5 billion was enacted by Public Acts 101-007 and 101-029. This includes the nearly \$6.4 billion in reappropriations from bond funds that were enacted in Fiscal Year 2020, along with \$7.6 billion in pay-as-you-go reappropriations supported by current revenues. \$11.2 billion in new pay-as-you-go appropriation authority was also enacted.

New and additional annual revenues that are associated with the anticipated \$31.2 billion State-funded portion of the plan are found in Public Acts 101-031 and 101-032 and include: (1) an increase to the MFT of 19 cents that is also indexed to the Consumer Price index thereafter, for the State share of the MFT, raising an estimated to raise \$590 million for the State in Fiscal Year 2020 and increasing annually (and additional amounts to be allocated directly to local governments); (2) increase in vehicle and electric vehicle registration fees, estimated to raise \$479 million; (3) tiered increases for various title and registration fees estimated to raise \$196 million; (4) an increase of 5 cents on special fuels, estimated to raise \$78 million; (5) gaming expansion estimated to raise \$350 million once fully implemented from the authorization of sports wagering and expansions and changes to video gaming and casino gaming in the State; (6) introduction of a 6% tax on daily and hourly garage parking and a 9% tax on monthly and annual garage parking estimated to raise \$60 million; (7) introduction of a \$10,000 cap on the sales tax exemption value that traded-in first division vehicles provide on the purchase of another vehicle, estimated to raise \$40 million; (8) increase to the per-pack cigarette tax by \$1, raising a net \$160 million for the State (estimated to raise \$246 million to be deposited into the Capital Projects Fund); (9) mechanism to increase compliance for "remote" online retailers collecting State sales tax, expected to produce an additional \$200 million. All annual amounts reflect revenues generated once fully implemented.

Revenues from gaming, the parking tax and cigarette taxes will be deposited into the Capital Projects Fund to support debt service on a portion of the bonds newly authorized under the Rebuild Illinois Acts primarily for State facilities and environmental purposes under Sections 3 and Section 6 of the Bond Act. Revenues from the vehicle license and registration fees and the increase on special fuels will be deposited into the Road Fund to support debt service costs on bonds issued under 4(a) and 4(e) of the Bond Act. Additionally, beginning in Fiscal Year 2022, 1% of the 5% State tax on motor fuel purchases will begin to be deposited into the Road Fund, as opposed to the General Funds, annually, with the entire amount being deposited to the Road Fund, in lieu of the General Funds, by Fiscal Year 2026. Once fully implemented, the State estimates that \$600 million will be deposited to the Road Fund annually as a result of this change. The revenues collected from the 19 cent increase in the MFT will be allocated to the Transportation Renewal Fund to be allocated to local road and transit districts and State pay-as-you-go transportation construction projects. Upfront license fees associated with gaming expansion will

be dedicated to pay-as-you-go Rebuild Illinois Program projects. Local governments are expected to receive approximately \$650 million annually from the increase in the MFT.

COLLECTIVE BARGAINING

As of December 31, 2018, 45,562 (or 92%) of the State's 49,684 employees were covered by collective bargaining agreements. As of March 1, 2019, the State had entered into only 19 collective bargaining agreements for the July 1, 2015-June 30, 2019 time period, covering approximately 6,000 employees. Meanwhile, the remaining 15 collective bargaining agreements covering nearly 40,000 State employees under the jurisdiction of the Governor expired on June 30, 2015, and have yet to be renegotiated.

The State entered into tolling agreements with several unions, including the American Federation of State, County and Municipal Employees ("AFSCME"), which represents approximately 35,600 (or 78%) of the State employees covered by collective bargaining agreements. Tolling agreements provide that the parties will maintain the status quo under the expiring collective bargaining agreement and that the parties will neither implement a strike nor a lockout until they are at an impasse in negotiations. When these collective bargaining agreements expired in 2015, the State stopped paying step increases to employees covered by the agreements.

Since the expiration of their collective bargaining agreement, two concurrent legal actions have been ongoing involving the State and AFSCME. On January 15, 2016, the State asked the Illinois Labor Relations Board (the "ILRB") to determine whether negotiations between the State and AFSCME were at an impasse. The ILRB ruled in favor of the State, and AFSCME sought judicial review in the appellate courts. The Appellate Court, on October 23, 2018, declared its belief that the record did not adequately support a finding of impasse. It vacated the ILRB's order and remanded the case to the ILRB for proceedings consistent with its opinion and to permit the ILRB an opportunity to either explain why it departed from previous practice or to apply the *Taft* factors in accordance with its precedent.

Concurrently with the action above, AFSCME filed an unfair labor practices charge, arguing that stopping step increases failed to preserve the status quo between the parties during negotiations. The ILRB dismissed the charge. AFSCME appealed, and on November 6, 2017 the Illinois Appellate Court for the Fifth District reversed the ILRB and remanded the matter for further proceedings. The State petitioned for leave to appeal in the Illinois Supreme Court, but the petition was denied on March 21, 2018. The matter was remanded to the ILRB to take action consistent with the Appellate Court's decision (the "AFSCME Decision"). On remand, the ILRB issued an order dated July 10, 2018, directing the State to restore the status quo of paying step increases and to "make whole" the bargaining unit employees. The ILRB referred the matter to its compliance process to address specific issues necessary to implement the make whole order. The Compliance Officer gathered relevant information from the State, and the matter was assigned to an Administrative Law Judge. The matter was put on hold in order to give the parties an opportunity to pursue settlement of all the issues.

In February 2019, negotiations began between AFSCME and the State regarding a new collective bargaining agreement. In that context, the matters addressed in the outstanding litigation were settled. The State agreed to pay step increases retroactively to the beginning of Fiscal Year 2016. A new collective bargaining agreement was signed in June 2019 which addressed all remaining issues for both the previous period from July 1, 2015 through June 30, 2019 and the prospective

period from July 1, 2019 through June 30, 2023. Essentially all payments for step increases accrued since July 1, 2015 have now been paid.

Since the signing of the AFSCME collective bargaining agreement, the State has completed negotiations and signed collective bargaining agreements effective through June 30, 2023, with nearly all the unions representing State employees. Those without signed agreements are still in active negotiation.

ECONOMIC AND FISCAL POLICY REPORT: FY 2020–FY 2025

GOMB is required, pursuant to 20 ILCS 3005/7.3 et seq., to prepare annually and submit to the General Assembly an economic and fiscal policy report. Public Act 99-854 moved up the required date of publication of this report from the third business day in January to November 15th and added additional reporting requirements, including two additional years of forecasts and review of fiscal policy options when budgetary shortfalls are projected. This report (the “Economic and Fiscal Policy Report”) is intended to provide additional information on the State’s economic and fiscal objectives and fiscal policy intentions for the upcoming fiscal year and succeeding four fiscal years, and is not a projection of the financial condition of the State for this period. GOMB also publishes a quarterly unaudited report of revenues, expenditures, and other financing sources of major State funds. These reports are prepared primarily on a modified accrual basis and are available on GOMB’s website (see APPENDIX F—WEBSITE INDEX). The most recent Economic and Fiscal Policy Report was released on October 23, 2019 (the “Report”). The Report explains that, without changes to the trajectory of the State’s finances, assuming baseline revenue growth under existing law without reflecting anticipated new revenues from adult use cannabis or from the Income Tax Proposal, and assuming no significant new spending reforms or controls, year-end accounts payable would grow year by year during the five-year reporting period from \$5.894 billion at the end of Fiscal Year 2020 to \$19.230 billion in Fiscal Year 2025. The Report is available at <https://www2.illinois.gov/sites/budget/Pages/PolicyReports.aspx>.

GENERAL OBLIGATION INDEBTEDNESS

OUTSTANDING GENERAL OBLIGATION BONDS

Table 6 shows the statutory general obligation bond authorization, Table 7 shows the maturity schedule for all outstanding GO Bonds, and Table 8 provides certain information with respect to all outstanding GO Bonds. Except as noted in such tables, the amount of outstanding GO Bonds shown in Tables 6 and 7 has not been reduced by the remaining amounts otherwise available in the GOBRI Fund.

TABLE 6
GENERAL OBLIGATION BOND AUTHORIZATION
(As of October 1, 2019)

Authorization Category	Amount Authorized ¹	Amount Issued ²	Authorized Unissued	Amount Outstanding ³
Multi-purpose	\$51,513,491,669	\$28,276,378,451	\$23,237,113,218	\$9,303,734,017
Special-purpose ⁴	250,000,000	249,998,067	1,933	0
Refunding Bonds ⁵	4,839,025,000	11,608,136,425	1,056,140,485	3,782,884,515
Subtotal	\$56,602,516,669	\$40,134,512,943	\$24,293,255,637	\$13,086,618,532
Pension Bonds	17,562,348,300	17,166,000,000	396,348,300	8,850,000,000
Section 7.7 Bonds	1,000,000,000	299,595,600	700,404,400	300,000,000
Section 7.6 Bonds ⁶	7,200,000,000	6,000,000,000	1,200,000,000	5,500,000,000
Total	\$82,364,864,969	\$63,600,108,543	\$26,590,008,337	\$27,736,618,532
Currently Authorized Less Refunding Bonds ⁷	\$77,525,839,969	\$51,991,972,118		

Source: GOMB.

- 1 As authorized under the Bond Act.
- 2 Includes bond premiums, except for Refunding Bonds and Section 7.6 Bonds which consist of principal amounts only.
- 3 All amounts, except those related to Refunding Bonds, reflect principal outstanding on October 1, 2019, taking into account principal amortized through October 1, 2019. The amounts related to Refunding Bonds reflect principal and premium outstanding, accounting for principal and premium amortized through October 1, 2019.
- 4 Special-purpose authorization was to issue bonds to fund Medicaid expenses. This authorization existed only in fiscal year 2010.
- 5 The State is authorized to issue and have outstanding \$4,839,025,000 of GO Refunding Bonds. The authorized unissued amount of refunding bonds is the difference between the amount authorized and the amount outstanding.
- 6 Amount issued does not include bond premium.
- 7 Section 2 of the Bond Act states that the aggregate authorized amount of the general obligation bonds (excluding authorization for refunding bonds) is \$78,256,839,969. The difference is attributable to expired authorization for Tobacco bonds (30 ILCS 330/7.5) and a \$19,000,000 miscalculation in Section 2 of the Bond Act.

TABLE 7
MATURITY SCHEDULE – GENERAL OBLIGATION BONDS⁽¹⁾
(As of October 1, 2019)

Fiscal Year June 30	The Bonds		General Obligation Capital Improvement and Refunding Bonds ⁽²⁾		Section 7.6 November 2017 ABCD Bonds		General Obligation Pension Bonds		Pension Acceleration Bonds		Total Combined Total Debt Service
	Principal	Interest	Total Principal	Total Interest	Principal	Interest	Principal	Interest	Principal	Interest	
2020			\$ 938,221,629	\$ 693,157,196	\$ 500,000,000	\$ 261,537,500	\$ 225,000,000	\$ 449,550,000	\$ 12,000,000	\$ 15,640,533	\$ 3,095,106,859
2021			932,000,883	639,545,706	500,000,000	236,537,500	275,000,000	438,412,500	12,000,000	15,546,000	3,049,042,589
2022			907,357,410	583,098,963	500,000,000	211,537,500	325,000,000	424,800,000	12,000,000	15,096,000	2,978,889,873
2023			895,772,922	541,474,275	500,000,000	186,537,500	375,000,000	408,712,500	12,000,000	14,646,000	2,934,143,198
2024			857,198,968	487,980,912	500,000,000	161,537,500	450,000,000	390,150,000	12,000,000	14,166,000	2,873,033,380
2025			789,958,835	445,748,025	500,000,000	136,537,500	525,000,000	367,200,000	12,000,000	13,662,000	2,790,106,360
2026			796,540,000	401,202,950	500,000,000	111,537,500	575,000,000	340,425,000	12,000,000	13,122,000	2,749,827,450
2027			705,350,000	361,879,975	500,000,000	87,018,750	625,000,000	311,100,000	12,000,000	12,552,000	2,614,900,725
2028			711,170,000	322,466,375	500,000,000	62,500,000	700,000,000	279,225,000	12,000,000	11,952,000	2,599,313,375
2029			692,555,000	284,287,775	500,000,000	37,500,000	775,000,000	243,525,000	12,000,000	11,328,000	2,556,195,775
2030			636,335,000	248,338,275	500,000,000	12,500,000	875,000,000	204,000,000	12,000,000	10,680,000	2,498,853,275
2031			598,285,000	215,218,100			975,000,000	159,375,000	12,000,000	10,008,000	1,969,886,100
2032			527,250,000	184,478,640			1,050,000,000	109,650,000	12,000,000	9,324,000	1,892,702,640
2033			502,230,000	155,911,130			1,100,000,000	56,100,000	12,000,000	8,628,000	1,834,869,130
2034			538,820,000	127,376,020					12,000,000	7,920,000	686,116,020
2035			468,840,000	100,015,660					12,000,000	7,200,000	588,055,660
2036			386,600,000	74,003,800					12,000,000	6,480,000	479,083,800
2037			338,600,000	55,340,000					12,000,000	5,760,000	411,700,000
2038			283,600,000	38,586,450					12,000,000	5,040,000	339,226,450
2039			251,600,000	24,492,900					12,000,000	4,320,000	292,412,900
2040			104,600,000	13,889,500					12,000,000	3,600,000	134,089,500
2041			104,600,000	9,025,750					12,000,000	2,880,000	128,505,750
2042			63,400,000	4,179,500					12,000,000	2,160,000	81,739,500
2043			44,200,000	1,555,000					12,000,000	1,440,000	59,195,000
2044									12,000,000	720,000	12,720,000
Total			\$13,075,085,646	\$6,013,252,878	\$5,500,000,000	\$1,505,281,250	\$8,850,000,000	\$4,182,225,000	\$300,000,000	\$223,870,533	\$39,649,715,308

Source: GOMB.

Note: Interest on Build America Bonds is shown gross of the 35% Federal subsidy.

(1) Includes all debt service paid or payable during fiscal year 2020.

(2) Includes principal and interest on the Bonds.

TABLE 8
OUTSTANDING GENERAL OBLIGATION BONDS
(As of October 1, 2019)¹

<u>Par²</u>	<u>Bond</u>	<u>Series</u>	<u>Dated Date</u>
\$300,000,000	General Obligation Bonds	Series April 2019A (Taxable)	April 9, 2019
\$140,280,000	General Obligation Refunding Bonds	Series April 2019B	April 9, 2019
\$965,770,000	General Obligation Refunding Bonds	Series of September 2018	September 5, 2018
\$500,000,000	General Obligation Bonds	Series of May 2018	May 9, 2018
\$750,000,000	General Obligation Bonds	Series of December 2017	December 13, 2017
\$6,000,000,000	General Obligation Bonds	Series of November 2017	November 8, 2017
\$480,000,000	General Obligation Bonds	Series November 2016	November 17, 2016
\$1,303,145,000	General Obligation Refunding Bonds	Series October 2016	November 2, 2016
\$550,000,000	General Obligation Bonds	Series June 2016	June 29, 2016
\$480,000,000	General Obligation Bonds	Series January 2016	January 26, 2016
\$750,000,000	General Obligation Bonds	Series May 2014	May 8, 2014
\$250,000,000	General Obligation Bonds	Series April 2014	April 17, 2014
\$1,025,000,000	General Obligation Bonds	Series February 2014	February 13, 2014
\$350,000,000	General Obligation Bonds	Series December 2013 (Taxable)	December 19, 2013
\$1,300,000,000	General Obligation Bonds	Series June 2013	July 10, 2013
\$450,000,000	General Obligation Bonds	Series A of April 2013	April 10, 2013
\$350,000,000	General Obligation Bonds	Series B of April 2013 (Taxable)	April 10, 2013
\$50,000,000	General Obligation Bonds	Series September 2012	September 25, 2012
\$1,797,740,000	General Obligation Refunding Bonds	Series May 2012	May 8, 2012
\$575,000,000	General Obligation Bonds	Series March 2012	March 27, 2012
\$525,000,000	General Obligation Bonds	Series A of January 2012	January 20, 2012
\$275,000,000	General Obligation Bonds	Series B of January 2012 (Taxable)	January 20, 2012
\$900,000,000	General Obligation Bonds	Series 2010-5 (BABs)	July 21, 2010
\$300,000,000	General Obligation Bonds	Series 2010-4 (BABs)	July 1, 2010
\$700,000,000	General Obligation Bonds	Series 2010-3 (BABs)	April 26, 2010
\$300,000,000	General Obligation Bonds	Series 2010-2 (BABs)	April 26, 2010
\$56,000,000	General Obligation Bonds	Series March 2010 (Taxable)	April 26, 2010
\$1,501,300,000	General Obligation Refunding Bonds	Series February 2010	March 3, 2010
\$1,000,000,000	General Obligation Bonds	Series 2010-1 (BABs)	February 4, 2010
\$400,000,000	General Obligation Bonds	Series September 2009	September 23, 2009
\$150,000,000	General Obligation Bonds	Series April 2009	April 14, 2009
\$125,000,000	General Obligation Bonds	Series April 2008	May 1, 2008
\$329,000,000	General Obligation Refunding Bonds	Series June 2007B	June 27, 2007
\$108,000,000	General Obligation Bonds	Series June 2007A	June 26, 2007
\$150,000,000	General Obligation Bonds	Series April 2007	April 19, 2007
\$285,000,000	General Obligation Bonds	Series June 2006A	June 29, 2006
\$274,950,000	General Obligation Refunding Bonds	Series June 2006	June 29, 2006
\$325,000,000	General Obligation Bonds	Series January 2006	January 18, 2006
\$300,000,000	General Obligation Bonds	Series September 2005	September 29, 2005
\$10,000,000,000	General Obligation Bonds	Series June 2003 (Pension)	June 12, 2003
\$62,078,508	College Savings Bonds	Series October 2002	November 1, 2002
\$375,000,000	General Obligation Bonds	Series November 2001	November 1, 2001
\$101,855,029	College Savings Bonds	Series October 2000	October 19, 2000
\$122,334,152	College Savings Bonds	Series November 1998	November 10, 1998

Source: GOMB.

¹ The Series of February 2011 Pension Obligation Bonds were fully paid off on March 1, 2019.

² Amounts are the original par value as of date of issue

SHORT-TERM DEBT

Pursuant to the Illinois Constitution and the Short Term Borrowing Act, the Governor, Comptroller and Treasurer are authorized to borrow limited amounts on a short-term basis (“Short-Term Debt”). See “STATE OF ILLINOIS—CONSTITUTIONAL PROVISIONS—*Constitutional Provisions Relating to Short-Term Borrowing.*” The Short Term Borrowing Act constitutes an appropriation of any money in the State Treasury of an amount sufficient to pay the principal and interest on short-term certificates issued pursuant to such Act.

The State has no Short-Term Debt currently outstanding, and has not issued Short-Term Debt since July 2010.

INVESTMENT OF FUNDS

The Treasurer may, with the Governor’s approval, invest and reinvest any money in the GOBRI Fund which is not needed for current expenditures due or about to become due from such Fund in securities constituting direct obligations of the United States Government, or obligations the principal of and interest on which are guaranteed by the United States Government, or certificates of deposit of any state or national bank or savings and loan association. For amounts not insured by the Federal Deposit Insurance Corporation or the Federal Savings and Loan Insurance Corporation or their lawful successors as security, the Treasurer is required to accept securities constituting direct obligations of the United States Government, or obligations the principal of and interest on which are guaranteed by the United States Government. Earnings received from such investments are paid into the GOBRI Fund.

The Deposit Act was amended in 2018 to create a new “permitted investment” for the Treasurer. Within certain parameters, the Treasurer is permitted to invest up to \$2 billion of the money in the State treasury, including proceeds from the issuance of general obligation bonds, with the Office of the Comptroller in order to enable the Comptroller to pay outstanding vouchers. As of October 1, 2019, the Treasurer invested \$400 million under the program in Fiscal Year 2020 using cash from three different funds. All of the Fiscal Year 2019 investments have been repaid. The Deposit Act prohibits the use of money deposited in the GOBRI Fund for this type of investment.

FUTURE FINANCINGS

Public Act 101-030 authorized the issuance of the Additional Section 7.6 Bonds in the amount of \$1.2 billion. The State expects to issue such bonds during Fiscal Year 2020, and the timing of such issuance will be determined by the State based on considerations such as cash flow needs.

Public Act 101-029 establishes the Rebuild Illinois Program. See “STATE FINANCIAL INFORMATION—REBUILD ILLINOIS PROGRAM” herein. This legislation authorizes appropriations for approximately \$20.8 billion in additional GO Bonds and Build Illinois Bonds (with the authorizations for the issuance of such bonds being established in Public Act 101-030). The State expects that such bonds will be sold over a period of approximately six years depending on the cash flow needs of the projects to be financed therewith.

In addition, the State expects to issue the remaining \$700 million of Section 7.7 Bonds authorized by the Bond Act as the amounts on hand from the previous issue of Section 7.7 Bonds are depleted.

The State also periodically reviews its existing debt and has authorization to enter into refunding transactions from time to time as dictated by economic conditions. The State evaluates its

short-term cash needs from time to time and based on such evaluations may seek to issue Short-Term Debt due within one year from its date of issuance under existing law.

REVENUE OBLIGATIONS

STATE REVENUE BONDS

Revenue obligations are either those obligations for which the State or an authority of the State dedicates a specific revenue source for debt service or those obligations under which the State is committed to retire debt issued by certain authorities or municipalities created and organized pursuant to law and operating within the State. Debt service with respect to each of these obligations continues to be paid in a timely manner. The State's commitment is based upon various Illinois statutes and upon contractual arrangements with the issuers. A description of each State revenue bond program follows. Table 11 identifies the current level of State revenue bonds indebtedness.

BUILD ILLINOIS

The Build Illinois program funds initiatives in business development, infrastructure construction and replacement, education, and environmental protection. The Build Illinois Bonds are dedicated State tax revenue bonds. After an increase in authorization as part of the Rebuild Illinois Program, the current Build Illinois Bond authorization is \$9,484,681,100. The Build Illinois Bond Act (30 ILCS 425) contains restrictions on the issuance of Build Illinois Bonds similar to those contained in the Bond Act and described under "INTRODUCTION—AUTHORITY FOR ISSUANCE."

Build Illinois Bonds are direct, limited obligations of the State payable solely from and secured by an irrevocable, first priority pledge of and lien on moneys on deposit in the Build Illinois Bond Retirement and Interest Fund, a separate fund in the State Treasury. Such moneys are derived primarily from the State's share of sales tax receipts and certain tax revenues and other moneys transferred from the Capital Projects Fund, to the extent available. Build Illinois Bonds are not general obligations of the State and are not secured by a pledge of the full faith and credit of the State. The holders of Build Illinois Bonds may not require the levy or imposition of any taxes or the application of other State revenue or funds to the payment of the bonds, except for the specified sales tax revenues pledged to the bonds.

METROPOLITAN EXPOSITION AND AUDITORIUM AUTHORITIES—CIVIC CENTER PROGRAM

In 1989, GOMB was authorized to issue Civic Center Bonds. Prior to this change, eligible civic center authorities, and later the Department of Commerce and Community Affairs, issued State-supported bonds to finance the development of community civic centers.

State of Illinois Civic Center Bonds are direct, limited obligations of the State payable from and secured by an irrevocable pledge and lien on moneys deposited in the Illinois Civic Center Bond Retirement and Interest Fund. The payment of debt service is subject to annual appropriation by the General Assembly. The bonds are not general obligations of the State and are not secured by a pledge of the full faith and credit of the State. The bondholders may not require the levy or imposition of any taxes or the application of other State revenues or funds to the payment of the bonds.

TABLE 9
MATURITY SCHEDULE – STATE REVENUE BONDS¹
(As of October 1, 2019)

Fiscal Year	Build Illinois Bonds		Civic Center Bonds		Total, State Revenue Bonds		
	Principal	Interest	Principal	Interest	Combined Total Principal	Combined Total Interest	Combined Total Debt Service
2020	\$198,570,000	\$ 99,421,396	\$6,103,026	\$8,328,380	\$204,673,026	\$107,749,776	\$312,422,802
2021	167,710,000	90,989,963	5,405,000	168,906	173,115,000	91,158,869	264,273,869
2022	178,170,000	84,149,398			178,170,000	84,149,398	262,319,398
2023	166,885,000	76,349,623			166,885,000	76,349,623	243,234,623
2024	159,690,000	69,077,442			159,690,000	69,077,442	228,767,442
2025	158,575,000	61,767,527			158,575,000	61,767,527	220,342,527
2026	156,725,000	54,642,906			156,725,000	54,642,906	211,367,906
2027	135,120,000	47,577,885			135,120,000	47,577,885	182,697,885
2028	113,620,000	41,535,624			113,620,000	41,535,624	155,155,624
2029	112,620,000	36,617,210			112,620,000	36,617,210	149,237,210
2030	104,515,000	31,725,781			104,515,000	31,725,781	136,240,781
2031	109,495,000	27,367,522			109,495,000	27,367,522	136,862,522
2032	102,860,000	22,870,798			102,860,000	22,870,798	125,730,798
2033	97,040,000	18,637,709			97,040,000	18,637,709	115,677,709
2034	94,575,000	14,753,655			94,575,000	14,753,655	109,328,655
2035	69,060,000	11,004,286			69,060,000	11,004,286	80,064,286
2036	69,060,000	8,026,368			69,060,000	8,026,368	77,086,368
2037	38,850,000	5,048,450			38,850,000	5,048,450	43,898,450
2038	26,350,000	3,349,850			26,350,000	3,349,850	29,699,850
2039	9,600,000	2,142,000			9,600,000	2,142,000	11,742,000
2040	9,600,000	1,720,500			9,600,000	1,720,500	11,320,500
2041	9,600,000	1,293,250			9,600,000	1,293,250	10,893,250
2042	9,600,000	866,000			9,600,000	866,000	10,466,000
2043	9,600,000	433,000			9,600,000	433,000	10,033,000
Total	\$2,307,490,000	\$811,368,142	\$11,508,026	\$8,497,287	\$2,318,998,026	\$819,865,429	\$3,138,863,455

¹ Includes all debt service paid or payable during fiscal year 2020.

Note: Columns may not add due to rounding.

STATE AUTHORITY REVENUE BONDS

A description of revenue bond programs of State authorities follows. Table 10 identifies the current level of indebtedness for these State authority bonds.

METROPOLITAN PIER AND EXPOSITION AUTHORITY—EXPANSION PROJECT BONDS

Metropolitan Pier and Exposition Authority (“MPEA”) is authorized to issue McCormick Place Expansion Project Bonds. Public Act 100-23 increased the MPEA’s bond authorization by \$293 million, to \$2.85 billion. These bonds are secured by locally imposed taxes including hotel/motel, restaurant, car rental and airport departure taxes and, to the extent such taxes are insufficient, are further secured by State sales tax revenues, subject to appropriation. Transfers of State sales tax revenues are subject to the prior claim for payments into the Build Illinois Fund. Public Act 96-898 provided additional financial support from the State for operations of MPEA in an amount up to \$31.7 million annually until 2032.

ILLINOIS SPORTS FACILITIES AUTHORITY

The Illinois Sports Facilities Authority (“ISFA”) is authorized to finance sports facilities within the City of Chicago. Debt issued by ISFA is an obligation of ISFA and is not backed by the full faith and credit of the State. The ISFA has three issues of outstanding revenue bonds, totaling \$430 million in principal amount as of June 30, 2019, which are payable, subject to appropriation, from (i) a \$10 million subsidy derived equally from State hotel tax revenues and amounts allocable to the City of Chicago under the State Revenue Sharing Act (30 ILCS 115/0.1 *et seq.*) and (ii) an advance of certain State hotel tax revenues which is required to be repaid annually by receipts derived from a 2.0% hotel tax imposed by ISFA within the City of Chicago. In the event the ISFA tax is insufficient to repay the advance of State hotel tax revenues, the deficiency will be paid from additional amounts otherwise payable to the City of Chicago under the State Revenue Sharing Act. The State expects that all amounts advanced as described in clause (ii) above will be repaid to the State.

RAILSPLITTER TOBACCO SETTLEMENT AUTHORITY

In December 2010, the Railsplitter Tobacco Settlement Authority (“Railsplitter”) issued revenue bonds in the amount of \$1.5 billion. After funding Railsplitter’s various business purposes, including the funding of a debt service reserve fund, the State received \$1.35 billion in exchange for selling to Railsplitter its rights to substantially all of the payments under the Master Settlement Agreement (“MSA”) between various states, including the State, and various cigarette manufacturers (the Original Participating Manufacturers or “OPM”). In December 2017, Railsplitter issued approximately \$671 million in revenue bonds to refund a portion of the 2010 revenue bond issuance.

The MSA calls for the OPMs to make annual payments which are allocated among the various participating states. These funds had been used by the State primarily to fund Medicaid programs. Railsplitter purchased substantially all of the State’s rights to the MSA payments but, by the terms of the purchase, may keep only the amount of funds required each year for debt service, costs of operations and enforcement of the MSA by the State Attorney General. Any excess amounts (“Excess MSA Payments”) must be transferred to the State. The revenue bonds issued by Railsplitter are secured only by the MSA payments and the State is not obligated in any way to pay principal and interest on these bonds. Such payments are not subject to appropriation. However, as a result of the Railsplitter bond financing, other revenues are being used to fund those

portions of the Medicaid programs previously funded by the MSA payments now retained by Railsplitter. These revenues include amounts in the General Revenue Fund. In addition, Railsplitter has a priority claim on Illinois' share of the MSA payments. If those amounts should decline in future years, the State's share of any Excess MSA Payments will be correspondingly reduced.

TABLE 10
MATURITY SCHEDULE – STATE AUTHORITY REVENUE BONDS
(As of October 1, 2019)¹

Fiscal Year	MPEA Expansion Project		Sports Facilities Authority		Railsplitter Tobacco Settlement Authority		Total Authority Revenue Bonds		
	Principal	Interest ²	Principal	Interest ²	Principal	Interest	Total Principal	Total Interest	Total Debt Service
2020	\$ 21,690,604	\$ 189,341,028	\$ 7,587,434	\$ 34,845,875	\$ 98,565,000	\$ 44,209,588	\$ 127,843,038	\$ 268,396,492	\$ 396,239,530
2021	72,251,202	173,622,093	7,998,976	38,511,612	103,900,000	39,034,925	184,150,178	251,168,629	435,318,807
2022	47,719,997	212,154,381	8,400,360	41,028,728	109,655,000	33,548,250	165,775,357	286,731,358	452,506,715
2023	102,434,013	172,435,022	8,799,047	43,734,791	112,260,000	28,065,500	223,493,060	244,235,313	467,728,372
2024	39,951,513	234,925,174	9,185,634	46,628,204	109,745,000	22,452,500	158,882,147	304,005,878	462,888,025
2025	42,220,150	232,649,615	9,500,244	49,808,344	107,305,000	16,965,250	159,025,394	299,423,208	458,448,602
2026	61,079,129	214,927,058	15,537,481	47,458,857	105,370,000	11,600,000	181,986,610	273,985,915	455,972,525
2027	108,269,225	180,969,326	48,410,000	18,623,588	103,360,000	6,331,500	260,039,225	205,924,413	465,963,638
2028	127,972,687	176,228,000	50,350,000	16,203,088	23,270,000	1,163,500	201,592,687	193,594,588	395,187,275
2029	148,875,321	170,364,404	52,870,000	13,685,588			201,745,321	184,049,991	385,795,312
2030	10,081,635	325,161,090	55,510,000	11,042,088			65,591,635	336,203,178	401,794,813
2031	16,220,954	331,025,896	73,580,000	8,200,500			89,800,954	339,226,396	429,027,350
2032	12,650,997	334,583,856	82,620,000	4,337,550			95,270,997	338,921,406	434,192,403
2033	11,998,844	335,250,633					11,998,844	335,250,633	347,249,477
2034	11,432,732	335,804,371					11,432,732	335,804,371	347,237,103
2035	10,987,216	336,260,261					10,987,216	336,260,261	347,247,477
2036	9,070,302	338,169,633					9,070,302	338,169,633	347,239,935
2037	8,706,797	338,537,550					8,706,797	338,537,550	347,244,347
2038	8,408,151	338,832,354					8,408,151	338,832,354	347,240,505
2039	8,145,844	339,098,975					8,145,844	339,098,975	347,244,819
2040	7,974,547	339,266,633					7,974,547	339,266,633	347,241,180
2041	20,635,397	326,606,161					20,635,397	326,606,161	347,241,558
2042	232,416,135	114,825,988					232,416,135	114,825,988	347,242,123
2043	41,557,297	305,683,259					41,557,297	305,683,259	347,240,556
2044	39,434,758	307,805,982					39,434,758	307,805,982	347,240,740
2045	37,721,831	309,521,652					37,721,831	309,521,652	347,243,483
2046	36,133,031	311,107,195					36,133,031	311,107,195	347,240,226
2047	83,607,355	263,636,492					83,607,355	263,636,492	347,243,847
2048	280,733,248	66,509,823					280,733,248	66,509,823	347,243,071
2049	293,154,595	54,084,063					293,154,595	54,084,063	347,238,658
2050	268,716,264	78,519,767					268,716,264	78,519,767	347,236,031
2051	40,863,854	306,379,293					40,863,854	306,379,293	347,243,147
2052	173,573,118	173,667,496					173,573,118	173,667,496	347,240,614
2053	154,112,138	193,128,411					154,112,138	193,128,411	347,240,549
2054	68,697,913	278,545,595					68,697,913	278,545,595	347,243,508
2055	66,383,107	280,861,473					66,383,107	280,861,473	347,244,580
2056	69,562,467	277,678,237					69,562,467	277,678,237	347,240,704
2057	165,361,670	181,886,955					165,361,670	181,886,955	347,248,625
Total	\$2,960,806,038	\$9,480,055,193	\$430,349,175	\$374,108,810	\$873,430,000	\$203,371,013	\$4,264,585,213	\$10,057,535,016	\$14,322,120,229

Note: Columns may not add due to rounding.

1 Includes all debt service paid or payable during Fiscal Year 2020.

2 Interest for MPEA Expansion Project Bonds and Sports Facilities Authority Bonds includes accreted principal amount on capital appreciation bonds.

MORAL OBLIGATION BONDS AND OTHER MORAL OBLIGATION COMMITMENTS

Currently, six entities in the State may issue moral obligation bonds. As of June 30, 2019, debt evidenced by moral obligation bonds was currently outstanding in the amount of \$13.4 million. The moral obligation pledge generally provides that in the event the authority issuing moral obligation bonds determines that revenue available to such authority will be insufficient for the payment of principal and interest on such bonds during the next State fiscal period, such authority shall certify to the Governor the amount required to pay such principal and interest and any amounts withdrawn from bond reserve funds to pay principal and interest on moral obligation bonds. The Governor must then submit the amounts so certified to the General Assembly. However, the recommendations of the Governor for State appropriations are a matter of executive discretion. Thus, although the Governor is required to submit the certified amounts to the General Assembly, the moral obligation pledge does not constitute a legally enforceable obligation of the Governor to recommend a State appropriation. Moreover, the General Assembly is not statutorily required to make an appropriation for the amount so certified by the authority, nor must the Governor sign any such appropriation bill if passed by the General Assembly.

Debt evidenced by moral obligation bonds is not debt of the State, and is not secured by any State funds.

From time to time, the State has received notices from certain entities which have issued moral obligation bonds that insufficient monies are available for the payment of principal and interest on one or more series of moral obligation bonds or that amounts withdrawn from bond reserve funds to pay principal and interest on moral obligation bonds have not been replenished.

The State does not have a legal obligation to pay any such amounts and cannot predict whether appropriations for such amounts will continue to be enacted. No assurance can be given that future requests for State appropriations will not be received by the State or that such requests will not be for material amounts. Further, no assurance can be given that an appropriation would be enacted with respect to such future request.

College Illinois, the State's Prepaid Tuition Program, is operated by the Illinois Student Assistance Commission ("ISAC"). College Illinois is supported by a moral obligation commitment of the State. As of its June 30, 2018 valuation, College Illinois had an unfunded liability of approximately \$308 million. No additional prepaid tuition contracts were sold during Fiscal Years 2017, 2018 and 2019 as program enrollment is currently on hold pending discussions with policy makers to help define and advance proposals that will address the College Illinois unfunded liability and strengthen the program. Should no additional prepaid tuition contracts be sold under the College Illinois program, actuaries estimate that the State will need to provide additional funds to College Illinois to support its obligations. These additional funds would need to be provided starting in 2026 and concluding in 2053 and, depending upon which actuarial assumptions are used, could total in excess of \$501 million. For additional information, see ISAC's College Illinois website in APPENDIX F—WEBSITE INDEX. ISAC, in conjunction with the General Assembly and the Governor, are in discussions as to how to address the projected shortfall. Legislation has been introduced into the General Assembly which would establish an irrevocable, continuing appropriation of the amounts necessary for the State to pay the contractual obligations of the College Illinois program, and would pledge the full faith and credit of the State to such payments. No assurances as to what solution, the timing of the solution or the ultimate cost to the State, if any, can be made at this time.

AGRICULTURAL LOAN GUARANTEE PROGRAM

The Illinois Finance Authority (the “IFA”) is authorized to issue up to \$385 million in guarantees for loans by financial institutions to agriculture and agribusiness borrowers. The IFA currently maintains two reserve funds from which lump-sum payments may be made in the event of a default on any of these loans. As of June 30, 2019, the available balances in the reserve funds held by the IFA were \$10.5 million and \$8.2 million, respectively.

These reserve funds are backed by a continuing appropriation of the State’s General Funds. As of June 30, 2019, the IFA loan programs secured \$2.9 million in Illinois Agricultural Loans and \$1.8 million in Illinois Farmer & Agribusiness Loans. In total, 85% of these two Loan Programs, or \$4.6 million, is guaranteed by the State. To date, there has not been a required transfer from the State’s General Funds for default lump-sum payments under this loan program.

PENSION AND OTHER POST EMPLOYMENT BENEFITS

Information relating to the State’s funding for the retirement systems and other post-employment benefits, including the method of determining employer contributions, the actuarial methods and assumptions used by the retirement systems to calculate the actuarial value of assets and the actuarial accrued liability, actuarial assumptions, the net pension obligation of each retirement system, the history of contributions to the retirement systems, the funded status and projections of funded status, a discussion of the 2010 and 2017 legislation modifying the pension structure as well as a description of the post employment health, dental, vision and life insurance benefits for certain State retirees and the funding and annual cost of such benefits is described in APPENDIX E—PENSION AND OTHER POST EMPLOYMENT BENEFITS.

LITIGATION

There is no litigation pending, or to the knowledge of the State threatened, in any way questioning the title of the State officials to their respective offices or any proceedings of the State incident to the authorization and issuance of the Bonds, or in any way concerning the validity or enforceability of the Bonds, or the manner of payment thereof or the appropriation for the payment thereof.

The following describes certain lawsuits.

JOHN TILLMAN AND WARLANDER ASSET MANAGEMENT, LP v. J.B. PRITZKER, MICHAEL W. FRERICHS AND SUSANA A. MENDOZA

On July 1, 2019, John Tillman, the Petitioner, filed a Petition with the Circuit Court of Illinois’ Seventh Judicial Circuit for leave to file a taxpayer complaint against the Governor, the Treasurer and the Comptroller, each in their respective official capacities, pursuant to Section 11-303 of the Illinois Code of Civil Procedure. In the Complaint attached to the Petition, the Petitioner alleged that (i) the \$10,000,000,000 General Obligation Bonds, Pension Funding Series of June 2003, and (ii) the \$6,000,000,000 Initial Section 7.6 Bonds are unconstitutional debt under the Illinois Constitution.

The Petitioner contended that the Illinois Constitution expressly limits the State’s power to incur debt, and the purposes for which these Bonds were issued are not among the authorized “specific purposes” under Article IX, section 9(b) of the Illinois Constitution. Within the Complaint, the Petitioner sought to enjoin the constitutional offices from making expenditures of public funds to

pay debt service on the Bonds. The Complaint also joined a bondholder claim being asserted by Warlander Asset Management, LP (“Warlander”); however, Warlander, so far, has not asserted its claim while awaiting final action by the Circuit Court on the Petitioner’s Petition for leave to file.

On August 29, 2019, the Circuit Court issued an order denying the Petition for leave to file, finding that the legislature stated with reasonable detail the specific purposes for the issuance of the subject bonds and assumption of the debt and, thus, that reasonable grounds do not exist for filing the proposed Complaint. On September 3, 2019, the Petitioner filed a notice of appeal to the Illinois Fourth District Appellate Court. The matter is likely to be heard by the Appellate Court in early 2020.

BEEKS V. BRADLEY* and *MEMISOVSKI V. MARAM

Beeks v. Bradley, 92-cv-4204 (N.D. Ill.), and *Memisovski v. Maram* are long-standing, consolidated consent decrees from 1993 and 2005, respectively, that require the State to continue furnishing Medicaid benefits during a budget impasse. In the context of the State’s 2015-2017 budget impasse, the district court entered several orders directing payments to be made to Medicaid providers. Those orders eventually culminated in a June 30, 2017, order, in which the district court ordered the State to make payments of \$586 million per month (50% of which consist of federal Medicaid matching funds) against vouchers submitted after that date by Medicaid service providers, plus a total of \$2 billion over the course of Fiscal Year 2018 (July 1, 2017 through June 30, 2018) to pay down unpaid vouchers submitted for Medicaid services. As of January 31, 2018, the Comptroller’s Office had paid all of the approximately \$4.19 billion of vouchers awaiting payment as of June 30, 2017, plus additional amounts above the \$586 million for Fiscal Year 2018 vouchers each month required under the June 30 Orders. Between July 1 and January 31, 2018, the Comptroller’s Office paid more than \$13.7 billion of vouchers for Medicaid-funded services. On January 24, 2018, the court entered an agreed order terminating the State’s obligations under the June 30, 2017 order, except for a reporting requirement running through June 30, 2018, which has since been fulfilled. No further action has occurred, as the State continues to make timely payments.

ILLINOIS (DEP’T OF CENTRAL MGMT. SERVS.) V. ILRB

On December 13, 2016, the Illinois Labor Board declared that the State and the American Federation of State, County and Municipal Employees, Council 31 (AFSCME), were at impasse in their negotiations for a 2015-19 collective bargaining agreement. AFSCME is the State’s largest public sector union, representing approximately 35,600 State employees. On December 22, 2016, the Illinois First District Court of Appeals issued a temporary stay preventing the State from implementing its last, best, and final offer pending AFSCME’s appeal from the Illinois Labor Board’s impasse declaration. On January 31, 2017, the Illinois Supreme Court determined that the appeal should be heard in the Illinois Fourth District Court of Appeals and consolidated several proceedings in that court. On March 1, 2017, the Fourth District made the First District’s December 22, 2016 stay order permanent pending review of the merits. Opening briefs in the Fourth District were filed October 10, 2017, and oral arguments were held on June 13, 2018. The Appellate Court, on October 23, 2018, declared its belief that the record did not adequately support a finding of impasse. It vacated the ILRB’s order and remanded the case to the ILRB for proceedings consistent with its opinion and to permit the ILRB an opportunity to either explain why it departed from previous practice or to apply the *Taft* factors in accordance with its precedent.

The matters in controversy in this litigation have now been fully settled by the parties. The State agreed to pay the prior year step increases plus interest. The State and AFSCME negotiated and entered into a new collective bargaining agreement in June 2019 that addresses issues related to the period covering fiscal years 2016 through 2019 as well as the period covering fiscal years 2020 through 2023.

N.B. v. EAGLESON

N.B. v. Eagleson, filed in 2011 and amended in 2012, is a certified class action lawsuit alleging that the Illinois Department of Healthcare and Family Services (HFS) is not in compliance with the Early and Periodic Screening Diagnostic and Treatment requirement of the federal Medicaid statute for treatment of children's behavioral and mental health disorders. Additionally, the class alleges that HFS is violating the federal Americans with Disabilities Act and the Rehabilitation Act by failing to provide services for these children in most community-integrated settings.

In February 2014, the Court certified a class of “[a]ll Medicaid eligible children under the age of 21 in the State of Illinois: (1) who have been diagnosed with a mental health or behavioral disorder; and (2) for whom a licensed practitioner of the healing arts has recommended intensive home and community-based services to correct or ameliorate their disorders.”

The parties conducted settlement discussions, ultimately resulting in a consent decree that the district court preliminarily approved on October 27, 2017. The district court conducted a fairness hearing on December 19, 2017 and granted final approval to the consent decree on January 16, 2018. The consent decree requires HFS to develop, through an implementation plan, a behavioral health delivery model to provide a continuum of Medicaid-authorized mental and behavioral health services, and to achieve certain 5-year and 7-year benchmarks for implementation of the required services. The parties and court-appointed expert are in the process of drafting and negotiating the implementation plan.

LIGAS v. EAGLESON

Ligas v. Eagleson is a class action lawsuit. On August 18, 2017, HFS and DHS were found not to be in substantial compliance with the Consent Decree entered on June 15, 2011. The agencies were supposed to establish a plan for compliance, but the Court, on June 6, 2018, determined that the proposed plan does not adequately address shortcomings previously identified. They failed to provide resources of sufficient quality, scope, and variety. They were supposed to (1) expand the pool of candidates for service providers, (2) increase funding for wages, (3) enhance monitoring of service delivery, and (4) make programmatic adjustments and enhancements. Efforts were found inadequate to address wages, staffing and retention.

The Court found Defendants’ plan for wages inadequate, and declared that for the defendants to truly comply and provide adequate services, the parties and stakeholders will have to come together to formulate a long-term plan to address these issues. The Parties are currently negotiating an adjustment to the reimbursement rates for Direct Support Professionals (DSPs) within the intellectual/developmental disabilities system.

The Court directed the parties to continue to develop a plan to address the issues causing the reduction in services and to bring the State into substantial compliance. The parties are finalizing the “reasonable pace” plan required to move people off of the wait list for waiver services and

working on other things to achieve compliance, such as rate increases for direct service providers and compliance monitoring of a sample of Ligas class members to ensure appropriate services are being provided.

RASHO V. WALKER

Rasho v. Walker is a class-action lawsuit, filed in 2007, that challenges the constitutional adequacy of the mental health services provided statewide to offenders with a particular emphasis on those who are seriously mentally ill. The Department of Corrections (“DOC”) currently has 11,374 offenders on the mental health caseload and 4,481 of those offenders are seriously mentally ill. In March 2012, Dr. Fred Cohen generated a report which identified various deficiencies in DOC’s mental health services. Cohen surmised that DOC was deliberately indifferent to the needs of the seriously mentally ill population. As a result of that report, DOC began engaging in settlement negotiations with the Plaintiffs to change many DOC practices including, but not limited to, filling mental health staffing vacancies, procuring inpatient care for the most seriously mentally ill offenders, and coming up with a comprehensive plan to improve the DOC mental health care system. As part of the comprehensive plan previously agreed to by the then court-appointed monitor and Plaintiffs, DOC established four levels of care: inpatient, residential, outpatient and crisis, and began making plans to provide care at each level, which included capital projects. Offenders in need of inpatient level of care need to be housed in a forensic hospital-like setting. A temporary facility is now open and operational at Elgin Mental Health Center and a new permanent facility is under construction at Joliet. Offenders in need of residential treatment are now being housed in residential treatment units (“RTUs”) located at Dixon, Logan, IYC Joliet and Pontiac. In addition to serving the residential treatment population, IYC Joliet will also serve the sub-acute and behavioral management populations. Establishment of these levels of care and housing units has required extensive hiring and construction which is nearly complete at each of the four residential treatment facilities.

On May 13, 2016, the judge approved the parties’ settlement agreement. Under the settlement agreement, the parties agreed that the Court would retain jurisdiction for a three-year period after a budget is approved to allow DOC time to (1) fully develop the four levels of care, (2) complete necessary capital projects, (3) hire and train requisite staff and, ultimately, (4) revamp DOC’s entire mental health system and allow plaintiffs to reopen litigation in the event of non-compliance with the terms of the agreement. The State continues to work on implementation of the *Rasho* settlement. In October 2017, plaintiffs filed a motion to enforce the settlement agreement. The court held hearings and entered an order dated May 25, 2018, finding DOC out of compliance with the settlement agreement, citing inadequate staffing as a chief concern, and imposing obligations on DOC pursuant to a preliminary injunction to take certain actions during the 90 days following the date of the order. Actions taken during the 90 days did not satisfy the court, and a permanent injunction was entered on December 20, 2018. The Court Monitor, in its third annual report dated May 28, 2019, indicated that DOC “has greatly improved its ability to care for mentally ill offenders,” but cites staffing issues as the major problem still preventing DOC from being substantially compliant with several areas of the settlement agreement. DOC continues efforts to come into compliance with the settlement agreement.

GRANT V. DIMAS

Grant v. Dimas is a proposed class action in the Cook County Circuit Court by personal assistants employed by the Illinois Department of Human Services (“DHS”) and the Service Employees

International Union, Healthcare Illinois and Indiana (“SEIU”). The suit seeks a wage increase under P.A. 100-0023, which stated that the hourly wage paid to personal assistants and individual maintenance home health workers shall be increased by \$0.48 per hour beginning August 5, 2017. The State filed a motion to dismiss on the basis that the rate of pay is required by statute to be collectively bargained, and the court denied the motion. The State filed a motion to reconsider, and the plaintiffs filed a motion for summary judgment. The court ruled on both motions on March 13, 2018, denying the motion to reconsider and granting the motion for summary judgment. The court ordered the State to implement the \$.48-cent wage increase for all personal assistants and individual maintenance home health workers for all hours worked beginning August 5, 2017 by March 21, 2018. The State sought and was granted a stay of the court’s order so that it could appeal the ruling. The State made payments into an escrow account held by the State Comptroller pending a final decision. On February 22, 2019, the Appellate Court affirmed the lower court’s ruling.

The parties settled the matter outside of Court through a negotiation process in March 2019, the State began paying at the increased rate in April 2019, and the litigation was voluntarily withdrawn. The State also agreed to pay, and has now paid, the wage increase retroactively back to August 2017. The Fiscal Year 2019 cost was approximately \$30 million.

BROCK V. DIMAS

Brock v. Dimas is a proposed class action in which the plaintiffs are child and day care home providers (and members of SEIU) receiving compensation for their services pursuant to the Child Care Assistance Program (“CCAP”) administered by the Department of Human Services (“DHS”). Plaintiffs are seeking a writ of mandamus to compel DHS to implement a 4.26% increase in the rates they are paid in accordance with a provision of P.A. 100-587, which stated that within 30 days after its effective date DHS was to increase increase the previously established rates by 4.26%. July 4, 2018, was 30 days after the effective date. DHS increased the rates for providers not covered by the SEIU collective bargaining agreement. However, it did not increase the rate for those who were covered by collective bargaining, because the statute states that the terms and conditions of their employment are supposed to be collectively bargained, and the rates are part of the terms and conditions in the collective bargaining agreement.

The parties settled the matter outside of Court through a negotiated process in March 2019, the State began to pay the increased rate in April 2019, and the litigation was voluntarily withdrawn. The State also agreed to pay the rate increase retroactively back to July 2018, and has now made all necessary payments. The cost of the 4.26% increase for Fiscal Year 2019 was approximately \$20 million.

CAHOKIA UNIT SCHOOL DISTRICT NO. 187 V. GOV. RAUNER AND THE STATE OF ILLINOIS

Cahokia Unit School District No. 187 v. Gov. Rauner and the State of Illinois is a suit filed in St. Clair County by 22 school districts to compel the State of Illinois to increase funding for public schools. Plaintiffs filed an Amended Complaint on May 21, 2018 claiming as a matter of constitutional right that the State’s funding of K-12 public education should increase by an additional \$7.2 billion and seeking a judgment requiring the State to pay nearly double the existing appropriation. The State filed a motion to dismiss on July 20, 2018. The Court dismissed the

complaint with prejudice. The plaintiffs have filed a notice of appeal and the case remains pending in the Fifth District Appellate Court.

KOSS V. EAGLESON AND HOU

Koss v. Eagleson and Hou, Case No. 17-cv-2762; 19-1254, is a class action in the Northern District of Illinois that was filed in April 2017 on behalf of individuals seeking eligibility for and payment of long-term care Medicaid benefits in nursing facilities and supportive living facilities. The plaintiffs allege that the Department of Health and Family Services and Department of Human Services fail to make a timely determination of eligibility and to pay those benefits, and they seek an order requiring the departments to make timely determinations and payments, including by presuming eligibility for benefits. On March 29, 2018, Judge Gottschall certified a class and issued a preliminary injunction requiring the State defendants to determine the eligibility of class members for long-term care Medicaid benefits by June 28, 2018 and, beginning June 28, 2018, to pay the long-term care services and other Medicaid benefits to class members while their applications remain pending beyond the Medicaid Act's deadlines for eligibility determination. The State defendants' motion for reconsideration of that order was denied and an appeal has been filed with the United States Court of Appeals for the Seventh Circuit. Subsequent to the Court's entry of the preliminary injunction in *Koss*, the General Assembly enacted amendments to the Public Aid Code (codified at 305 ILCS 5/11-5.4(h)) providing "provisional eligibility" to individuals while their applications for long-term care services remain pending beyond federally established timelines and requiring payment of claims for Medicaid-covered services during the period of provisional eligibility.

RATINGS

Moody's has assigned a rating of "Baa3" (Stable Outlook) to the Bonds, S&P has assigned a rating of "BBB-" (Stable Outlook) to the Bonds and Fitch has assigned a rating of "BBB" (Stable Outlook) to the Bonds. See "CERTAIN INVESTMENT CONSIDERATIONS—Investment Considerations Relating to the Financial Condition of the State—Ratings".

These ratings reflect the view of such organizations, and an explanation of the significance of such ratings may be obtained only from the respective rating agency. As part of the State's application for the ratings, certain information and materials, some of which are not contained in this Official Statement, have been supplied to the rating agencies. The ratings are neither a "market" rating nor a recommendation to buy, sell or hold the Bonds and the ratings and the Bonds should be evaluated independently.

The State will provide appropriate periodic credit information necessary for maintaining ratings on the Bonds to the rating agencies. Except as may be required by the Undertakings as defined below under the heading "CONTINUING DISCLOSURE," the State undertakes no responsibility either to bring to the attention of the owners of the Bonds any proposed change in or withdrawal of such ratings or to oppose any such revision or withdrawal. If assigned, there is no assurance that any such ratings will be maintained for any given period of time or that they will not be lowered or withdrawn entirely. Any revision or withdrawal of any such ratings could have a material adverse effect on the availability of a market for the Bonds or the prices at which the Bonds may be resold.

PURCHASE

The Purchasers set forth on the cover of this Official Statement (together, the “Purchasers”) have agreed, subject to the approval of certain legal matters by counsel and to certain other conditions, to purchase (i) the November 2019A Bonds at a price of \$ _____, representing the par amount of the November 2019A Bonds plus a [net] [premium/(discount)] of \$ _____, less the Purchasers’ discount of \$ _____, (ii) the November 2019B Bonds at a price of \$ _____, representing the par amount of the November 2019B Bonds plus a [net] [premium/(discount)] of \$ _____, less the Purchasers’ discount of \$ _____ and (iii) the November 2019C Bonds at a price of \$ _____, representing the par amount of the November 2019C Bonds plus a [net] [premium/(discount)] of \$ _____, less the Purchasers’ discount of \$ _____. The Purchasers have agreed to purchase all of the Bonds if any of the Bonds are purchased. The Purchasers have agreed to make a bona fide public offering of the Bonds at not in excess of the public offering prices set forth on the inside front cover page of this Official Statement.

TAX MATTERS

Federal tax law contains a number of requirements and restrictions which apply to the Bonds, including investment restrictions, periodic payments of arbitrage profits to the United States, requirements regarding the proper use of bond proceeds and the facilities financed therewith, and certain other matters. The State has covenanted to comply with all requirements that must be satisfied in order for the interest on the Bonds to be excludable from gross income for federal income tax purposes. Failure to comply with certain of such covenants could cause interest on the Bonds to become includible in gross income for federal income tax purposes retroactively to the date of issuance of the Bonds.

Subject to the State’s compliance with the above-referenced covenants, under present law, in the separate opinions of Co-Bond Counsel to be delivered upon the issuance of the Bonds, interest on the Bonds, is excludable from the gross income of the owners thereof for federal income tax purposes and is not included as an item of tax preference in computing the federal alternative minimum tax for individuals.

In rendering their opinions, Co-Bond Counsel will rely upon certifications of the State with respect to certain material facts within the State’s knowledge. Co-Bond Counsels’ opinions represent their legal judgment based upon their review of the law and the facts that they deem relevant to render such opinions and are not guarantees of a result.

Ownership of the Bonds may result in collateral federal income tax consequences to certain taxpayers, including, without limitation, corporations subject to the branch profits tax, financial institutions, certain insurance companies, certain S corporations, individual recipients of Social Security or Railroad Retirement benefits and taxpayers who may be deemed to have incurred (or continued) indebtedness to purchase or carry tax-exempt obligations. Prospective purchasers of the Bonds should consult their tax advisors as to applicability of any such collateral consequences.

The issue price for original issue discount (as further discussed below) and market discount purposes (the “OID Issue Price”) for each maturity of the Bonds is the price at which a substantial amount of such maturity of the Bonds is first sold to the public (excluding bond houses and brokers and similar persons or organizations acting in the capacity of underwriters, placement agents or

wholesalers). The OID Issue Price of a maturity of the Bonds may be different from the price set forth, or the price corresponding to the yield set forth, on the inside cover page hereof.

If the OID Issue Price of a maturity of the Bonds is less than the principal amount payable at maturity, the difference between the OID Issue Price of each such maturity, if any, of the Bonds (the "OID Bonds") and the principal amount payable at maturity is original issue discount.

For an investor who purchases an OID Bond in the initial public offering at the OID Issue Price for such maturity and who holds such OID Bond to its stated maturity, subject to the condition that the State complies with the covenants discussed above, (a) the full amount of original issue discount with respect to such OID Bond constitutes interest which is excludable from the gross income of the owner thereof for federal income tax purposes; (b) such owner will not realize taxable capital gain or market discount upon payment of such OID Bond at its stated maturity; (c) such original issue discount is not included as an item of tax preference in computing the alternative minimum tax for individuals under the Internal Revenue Code of 1986, as amended (the "Code"); and (d) the accretion of original issue discount in each year may result in certain collateral federal income tax consequences in each year even though a corresponding cash payment may not be received until a later year. Based upon the stated position of the Illinois Department of Revenue under Illinois income tax law, accreted original issue discount on such OID Bonds is subject to taxation as it accretes, even though there may not be a corresponding cash payment until a later year. Owners of OID Bonds should consult their own tax advisors with respect to the state and local tax consequences of original issue discount on such OID Bonds.

Owners of Bonds who dispose of Bonds prior to the stated maturity (whether by sale, redemption or otherwise), purchase Bonds in the initial public offering, but at a price different from the OID Issue Price or purchase Bonds subsequent to the initial public offering should consult their own tax advisors.

If a Bond is purchased at any time for a price that is less than the Bond's stated redemption price at maturity or, in the case of an OID Bond, its OID Issue Price plus accreted original issue discount (the "Revised Issue Price"), the purchaser will be treated as having purchased a Bond with market discount subject to the market discount rules of the Code (unless a statutory *de minimis* rule applies). Accrued market discount is treated as taxable ordinary income and is recognized when a Bond is disposed of (to the extent such accrued discount does not exceed gain realized) or, at the purchaser's election, as it accrues. Such treatment would apply to any purchaser who purchases an OID Bond for a price that is less than its Revised Issue Price. The applicability of the market discount rules may adversely affect the liquidity or secondary market price of such Bond. Persons purchasing the Bonds should consult their own tax advisors regarding the potential implications of market discount with respect to the Bonds.

An investor may purchase a Bond at a price in excess of its stated principal amount. Such excess is characterized for federal income tax purposes as "bond premium" and must be amortized by an investor on a constant yield basis over the remaining term of the Bond in a manner that takes into account potential call dates and call prices. An investor cannot deduct amortized bond premium relating to a tax-exempt bond. The amortized bond premium is treated as a reduction in the tax-exempt interest received. As bond premium is amortized, it reduces the investor's basis in the Bond. Investors who purchase a Bond at a premium should consult their own tax advisors regarding the amortization of bond premium and its effect on the Bond's basis for purposes of

computing gain or loss in connection with the sale, exchange, redemption or early retirement of the Bond.

There are or may be pending in the Congress of the United States legislative proposals, including some that carry retroactive effective dates, that, if enacted, could alter or amend the federal tax matters referred to above or affect the market value of the Bonds. Prospective purchasers of the Bonds should consult their own tax advisors regarding any pending or proposed federal tax legislation. Co-Bond Counsel express no opinion regarding any pending or proposed federal tax legislation.

The Service has an ongoing program of auditing tax-exempt obligations to determine whether, in the view of the Service, interest on such tax-exempt obligations is includible in the gross income of the owners thereof for federal income tax purposes. It cannot be predicted whether or not the Service will commence an audit of the Bonds. If an audit is commenced, under current procedures the Service may treat the State as a taxpayer and the Bondholders may have no right to participate in such procedure. The commencement of an audit could adversely affect the market value and liquidity of the Bonds until the audit is concluded, regardless of the ultimate outcome.

Payments of interest on, and proceeds of the sale, redemption or maturity of, tax-exempt obligations, including the Bonds, are in certain cases required to be reported to the Service. Additionally, backup withholding may apply to any such payments to any Bond owner who fails to provide an accurate Form W-9 Request for Taxpayer Identification Number and Certification, or a substantially identical form, or to any Bond owner who is notified by the Service of a failure to report any interest or dividends required to be shown on federal income tax returns. The reporting and backup withholding requirements do not affect the excludability of such interest from gross income for federal tax purposes.

Interest on the Bonds is not exempt from present State of Illinois income taxes. Ownership of the Bonds may result in other state and local tax consequences to certain taxpayers. Bond Counsel expresses no opinion regarding any such collateral consequences arising with respect to the Bonds. Prospective purchasers of the Bonds should consult their tax advisors regarding the applicability of any such state and local taxes.

CONTINUING DISCLOSURE

The State will enter into a Continuing Disclosure Undertaking (the “Undertaking”) for the benefit of the beneficial owners of the Bonds to send certain information annually and to provide notice of certain events to the MSRB pursuant to the requirements of Section (b)(5) of Rule 15c2-12 (the “Rule”) adopted by the SEC under the Securities Exchange Act of 1934, as amended. The proposed form of the Undertaking is included as APPENDIX D—FORM OF CONTINUING DISCLOSURE UNDERTAKING TO this Official Statement.

In the previous five years, there have been certain failures by the State in connection with its continuing disclosure filings.

- For Fiscal Years 2013 and 2014, the annual financial information for certain series of the State’s debt obligations omitted tables titled “Revenues and Cash Expenditures-General Revenue Fund,” “Cash Expenditures by Category and Function-General Revenue Fund,” “General Obligation Bonds,” “Cash Expenditures by Category—Road Fund,” “General

Funds Appropriations” and “Illinois School Enrollment.” Failure to File Annual Financial Information notices were filed on EMMA in December, 2015, noting the correction.

- The State failed to submit a timely event notice describing a June 6, 2013 downgrade by Moody’s for CUSIP numbers relating to those series of Build Illinois Bonds rated by Moody’s. The notice of this rating change by Moody’s was filed on EMMA on October 14, 2014.

There have also been numerous rating actions reported by the rating agencies affecting the municipal bond insurance companies, some of which had insured obligations previously issued by the State. In some instances, event notices were not timely filed in respect of these ratings changes.

The State has filed its “Annual Financial Information” within the time periods prescribed in its various continuing disclosure undertakings. During the last five years, the State’s Comprehensive Annual Financial Report (“Audited Financial Statements”) has not been available when the Annual Financial Information has been filed, but has been filed within 30 days after its availability to GOMB.

A failure by the State to comply with the Undertaking will not constitute a default under the Bond Sale Order, adopted by the Governor and the Director authorizing the issuance of the Bonds (the “Bond Sale Order”), and beneficial owners of the Bonds are limited to the remedies described in the Undertaking. A failure by the State to comply with the Undertaking must be reported in accordance with the Rule and must be considered by any broker, dealer or municipal securities dealer before recommending the purchase or sale of the Bonds in the secondary market. Consequently, such a failure may adversely affect the transferability and liquidity of the Bonds and their market price.

On May 14, 2012, the State adopted disclosure policies and procedures. Such policies and procedures were amended on March 15, 2019, to incorporate procedures related to the additional reportable events added by amendments to the Rule, which will be included in the Undertaking executed by the State in connection with the issuance of the Bonds.

CERTAIN LEGAL MATTERS

Certain legal matters incident to the authorization, issuance and sale of the Bonds are subject to the approving legal opinions of Co-Bond Counsel, i.e., Chapman and Cutler LLP, Chicago, Illinois (“Chapman”), and Hardwick Law Firm, LLC, Chicago, Illinois, each of which act as Co-Bond Counsel to the State in connection with the issuance of the Bonds. Co-Bond Counsel make no representation as to the suitability of the Bonds for investment by any investor. The opinions of Co-Bond Counsel will accompany the delivery of the Bonds and be in substantially the form included in this Official Statement as APPENDIX B—FORM OF APPROVING OPINION OF CO-BOND COUNSEL. Chapman has also been retained by the State to serve as Disclosure Counsel to the State with respect to the Bonds. Although as Disclosure Counsel to the State, Chapman has assisted the State with certain disclosure matters, Chapman has not undertaken to independently verify the accuracy, completeness or fairness of this Official Statement or other offering material related to the Bonds and does not guarantee the accuracy, completeness or fairness of such information. Chapman’s engagement as Disclosure Counsel was undertaken solely at the request and for the benefit of the State, to assist it in discharging its responsibility with respect to this Official Statement, and not for the benefit of any other person (including the Purchasers and any person purchasing Bonds from the Purchasers), and did not include any

obligation to establish or confirm factual matters, forecasts, projections, estimates or any other financial or economic information in connection therewith. The fees of Co-Bond Counsel and Disclosure Counsel for services rendered with respect to the sale of the Bonds are contingent upon the issuance and delivery of the Bonds.

AUDITED FINANCIAL STATEMENTS

The State Auditor General has performed an audit of the basic financial statements that accompany each CAFR in accordance with generally accepted auditing standards in the United States of America and Government Auditing Standards issued by the Comptroller General of the United States. His unqualified opinion appears at the beginning of the financial section of each CAFR. The State Auditor General has not been requested to update the information contained in the financial statements in the Fiscal Year 2018 CAFR which has been filed with EMMA and is referred to in “STATE FINANCIAL INFORMATION.”

A portion of the TBFR not included in this Official Statement was audited by an independent accounting firm in accordance with accounting practices prescribed or permitted by the State of Illinois State Comptroller Act. Tables 3 and 4, which appear under “STATE FINANCIAL INFORMATION,” Table A-4, which appears in APPENDIX A—CERTAIN INFORMATION REGARDING THE STATE OF ILLINOIS, and Table G-1, which appears in APPENDIX G—ACCOUNTING PRACTICES USED IN STATE FINANCIAL INFORMATION, are not part of the financial statements in the TBFR that were the subject of such audit.

MUNICIPAL ADVISOR

PFM Financial Advisors LLC is serving as Municipal Advisor to the State in connection with the issuance of the Bonds. The Municipal Advisor (the “Advisor”) is an independent advisory firm and is not engaged in the business of underwriting, trading or distributing municipal securities or other public securities. Under the terms of its engagement, the Advisor is not obligated to undertake, and has not undertaken, an independent verification of, nor has assumed responsibility for, the accuracy, completeness or fairness of the information contained in this Official Statement. The fees of the Advisor for services rendered with respect to the sale of the Bonds are contingent upon the issuance and delivery of the Bonds.

ADDITIONAL INFORMATION

The information contained in this Official Statement is subject to change without notice and no implication may or shall be derived therefrom or from the sale of the Bonds that there has been no change in the affairs of the State or the information contained in this Official Statement since the dates as of which such information is given. Any statements in this Official Statement involving matters of opinion or estimate, whether or not expressly so stated, are intended as such and not as representations of fact. This Official Statement is not to be construed as a contract or agreement between the State and the purchaser of any of the Bonds.

MISCELLANEOUS

The State has authorized the distribution of this Official Statement.

This Official Statement has been duly executed and delivered by the Director on behalf of the State.

STATE OF ILLINOIS

By: /s/

Director, Governor's Office of Management and
Budget

APPENDIX A

CERTAIN INFORMATION REGARDING THE STATE OF ILLINOIS

PART I: MEASURES OF DEBT BURDEN

Tables A-1 through A-3 show various measures of the relative burden of the State's general obligation debt and debt service.

TABLE A-1
RATIO OF GENERAL OBLIGATION DEBT SERVICE
TO TOTAL GENERAL AND ROAD FUND APPROPRIATIONS
FISCAL YEARS 2015-2019
June 30 Fiscal Year End

Fiscal Year	Total Appropriations ¹ (\$ In Millions)	Capital Improvement Bonds Debt Service ² % of Appropriations	Pension Bonds Debt Service % of Appropriations	Section 7.6 Bonds Debt Service % of Appropriations
2015	37,987	4.60%	4.73%	0.00%
2016 ³	34,304	4.96%	3.95%	0.00%
2017 ³	38,915	4.37%	4.23%	0.00%
2018	42,361	4.00%	3.82%	0.34%
2019	43,557	3.89%	3.64%	1.81%

Source: Illinois Office of the Comptroller and the Governor's Office of Management and Budget.

- 1 Appropriations include the Road Fund and the General Funds. The General Funds include the General Revenue Fund, the Education Assistance Fund, the Common School Fund, the General Revenue-Common School Special Account Fund, the Fund for Advancement of Education, the Commitment to Human Services Fund and the Budget Stabilization Fund. The latter three funds were added to the state definition of General Funds beginning in FY 2018 with ILCS 20/50-40. Appropriations in this table have been restated to include all of the funds currently included in the definition of General Funds.
- 2 Does not include annual amounts paid to the trustee for the initial interest requirement for the Series of October 2003B Bonds.
- 3 FY2016 and FY2017 Total Appropriations include enacted General Funds (reflecting the new definition of General Funds) appropriations and enacted Road Fund appropriations, continuing appropriations and spending authority established pursuant to court orders or consent decrees from the General Funds.

TABLE A-2
RATIO OF GENERAL OBLIGATION DEBT OUTSTANDING
TO ILLINOIS PERSONAL INCOME
FISCAL YEARS 2015-2019¹
June 30 Fiscal Year End

Fiscal Year	Illinois Personal Income (\$ In Billions)	Capital Improvement and Refunding Bonds % of Personal Income	Pension Bonds ² % of Personal Income	Section 7.6 Bonds % of Personal Income	Section 7.7 Bonds % of Personal Income
2015	651.4	2.17%	1.95%	N/A	N/A
2016	670.3	2.13%	1.79%	N/A	N/A
2017	682.5	2.01%	1.61%	N/A	N/A
2018	708.8	1.98%	1.40%	0.85%	N/A
2019	737.3	1.77%	1.20%	0.75%	0.04%

Source: Bureau of Economic Analysis and Governor's Office of Management and Budget.

- 1 Current data as of September 24, 2019. Debt outstanding as of June 30 of each fiscal year.
- 2 Includes 2003, 2010, and 2011 pension funding bonds. The 2010 pension bonds fully matured in Fiscal Year 2015 and the 2011 pension bonds matured in Fiscal Year 2019.

TABLE A-3
GENERAL OBLIGATION DEBT PER CAPITA – ILLINOIS
FISCAL YEARS 2014-2018
June 30 Fiscal Year End¹

	FY2015	FY2016	FY2017	FY2018	FY2019
Population (in Thousands)	12,879	12,847	12,809	12,765	12,719
Capital Improvement and Refunding Bonds	\$1,098	\$1,109	\$1,070	\$1,098	\$1,028
Pension Bonds ²	\$986	\$934	\$857	\$778	\$696
Section 7.6 Bonds	N/A	N/A	N/A	\$470	\$432
Section 7.7 Bonds	N/A	N/A	N/A	N/A	\$24

Source: Bureau of Economic Analysis, U.S. Census Bureau and Governor's Office of Management and Budget.

1 Current data as of September 24, 2019. Fiscal Year population reflects an average of four quarters of U.S. Census Bureau population data. Debt represented is the principal amount outstanding on June 30 of each year.

2 Includes 2003, 2010, and 2011 pension funding bonds. The 2010 pension bonds fully matured during Fiscal Year 2015 and the 2011 pension bonds fully matured during Fiscal Year 2019.

PART II: HISTORICAL STATE RECEIPTS, APPROPRIATIONS AND DISBURSEMENTS

**TABLE A-4
10 YEAR HISTORY OF RECEIPTS, APPROPRIATIONS AND WARRANTS
(\$ in millions)
June 30 Fiscal Year End**

Fund Group	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018
CASH RECEIPTS										
General Funds	\$29,883	\$26,424	\$29,548	\$31,886	\$34,332	\$34,580	\$32,872	\$28,752	\$27,831	\$36,240
Highway Funds	4,157	4,480	4,403	4,256	4,094	4,225	4,538	4,410	4,452	4,062
Special State Funds	15,137	19,570	22,145	16,961	19,334	21,574	24,701	23,157	24,233	33,956
Bond Financed Funds.....	152	3,489	1,191	2,145	2,038	4,227	0	1,084	1,133	1,302
Debt Service Funds(1).....	117	1,840	572	2,595	734	835	798	835	2,304	960
Federal Trust Funds.....	4,483	4,949	5,095	5,274	4,970	5,148	4,856	4,846	4,825	4,581
Revolving Funds	475	525	545	627	539	618	534	335	617	409
State Trust Funds.....	3,360	3,598	4,106	4,335	4,535	4,593	2,614	1,741	1,951	5,037
TOTAL, CASH RECEIPTS	\$57,764	\$64,875	\$67,605	\$68,079	\$70,576	\$75,800	\$70,913	\$65,160	\$67,346	\$86,547
APPROPRIATIONS										
General Funds	\$30,280	\$27,198	\$26,079	\$29,584	\$30,848	\$32,146	\$31,799	\$28,536	\$31,783	\$36,179
Highway Funds	9,644	9,219	8,826	8,888	8,284	8,387	8,093	8,070	7,954	8,507
Special State Funds	19,416	22,566	24,488	23,925	28,679	31,649	33,710	33,550	39,982	36,166
Bond Financed Funds.....	3,765	18,750	17,420	15,372	13,948	11,387	9,882	4,346	4,955	4,534
Debt Service Funds(1).....	3,514	5,942	4,617	5,371	3,545	3,600	4,285	3,536	5,237	3,960
Federal Trust Funds.....	8,158	10,377	10,429	9,479	8,026	8,160	8,058	8,288	8,752	8,282
Revolving Funds	802	895	896	946	981	953	905	927	1,468	938
State Trust Funds.....	620	743	737	750	857	931	638	604	625	605
TOTAL, APPROPRIATIONS	\$76,199	\$95,690	\$93,492	\$94,315	\$95,168	\$97,213	\$97,370	\$87,857	\$100,756	\$99,171
WARRANTS ISSUED										
General Funds	\$29,774	\$26,301	\$25,447	\$29,209	\$30,293	\$31,479	\$30,763	\$26,750	\$29,421	\$35,381
Highway Funds	3,943	4,003	3,686	3,836	3,598	3,626	3,728	4,039	3,748	3,813
Special State Funds	15,576	16,785	17,474	17,808	21,079	22,512	25,285	22,356	28,298	29,366
Bond Financed Funds.....	161	1,328	1,969	2,134	2,655	2,394	2,226	777	1,352	531
Debt Service Funds(1).....	3,432	5,875	4,596	5,187	3,330	3,589	4,050	3,536	5,212	3,960
Federal Trust Funds.....	4,278	5,254	5,258	5,090	4,969	5,061	4,781	4,906	4,787	4,597
Revolving Funds	642	677	655	685	716	704	681	546	733	699
State Trust Funds.....	3,224	4,207	4,331	3,924	4,173	4,298	2,257	1,248	1,184	5,181
TOTAL, WARRANTS ISSUED.....	\$61,030	\$64,430	\$63,416	\$67,873	\$70,813	\$73,663	\$73,771	\$64,158	\$74,735	\$83,528

Source: Illinois Office of the Comptroller, Traditional Budgetary Financial Report, Fiscal Year 2018; unaudited.

(1) Includes the General Obligation Bond Retirement and Interest Fund.

TABLE A-5
CASH RECEIPTS AND DISBURSEMENT – GENERAL FUNDS¹
FISCAL YEARS 2015-2019
(\$ in millions)
June 30 Fiscal Year End

	FY2015	FY2016	FY2017	FY2018	FY2019
Available Balance, Beginning	\$ 349	\$ 942	\$ 967	\$ 1,368	\$ 125
Cash Receipts					
State Revenues					
Income Tax	\$18,604	\$15,779	\$14,993	\$19,742	\$21,625
Sales Tax	8,030	8,063	8,043	7,810	8,409
Public Utility Tax	1,006	926	884	896	863
Cigarette Tax	353	353	353	344	361
Inheritance Tax	333	306	261	358	388
Liquor Gallonage Tax	167	169	171	172	172
Insurance Tax & Fees	353	398	391	432	396
Corporate Franchise Tax	211	207	207	207	247
Investment Income	25	25	37	79	145
Intergovernmental Transfers	244	244	244	244	244
Other	735	574	725	719	710
Total, State Revenues	\$30,061	\$27,045	\$26,308	\$31,003	\$33,560
Federal Revenues					
Medicaid & Social Services	\$3,331	\$2,665	\$2,483	\$5,238	\$3,600
Transfers In					
From Other State Funds ²	\$2,931	\$1,581	\$1,542	\$4,677	\$2,035
Total Revenues	\$36,323	\$31,291	\$30,333	\$40,918	\$39,195
Interfund Borrowing ³	\$377	\$0	\$0	\$533	\$250
Treasurer's Investments	0	0	0	0	750
Total Cash Receipts⁴	\$36,700	\$31,291	\$30,333	\$41,451	\$40,195
Cash Disbursements					
Expenditures for Appropriations					
Operations	\$10,643	\$7,041	\$8,061	\$11,464	\$12,723
Awards and Grants	21,311	20,394	21,943	23,626	24,223
Permanent Improvements	7	5	6	6	5
Refunds	0	0	0	5	5
Vouchers Payable Adjustment	(459)	(888)	(4,017)	3,721	(1,075)
Prior Year Adjustments	(12)	(12)	(5)	(28)	(27)
Transfers Out					
Debt Service Funds ⁵	2,094	1,979	2,235	2,899	2,701
Other State Funds ²	2,522	2,746	1,696	873	526
Repayment of Interfund Borrowing	0	0	15	128	10
Repayment of Treasurer's Investments	0	0	0	0	763
Total Cash Disbursements	\$36,108	\$31,265	\$29,932.61	\$42,694	\$39,854
Cash Balance, Ending	\$ 942	\$ 967	\$ 1,368	\$ 125	\$ 466

Source: Based on information from the Illinois Office of the Comptroller. May not add due to rounding.

¹ Prior to Fiscal Year 2018, General Funds included the General Revenue Fund, Common School Fund, General Revenue-Common School Special Account Fund and the Education Assistance Fund. Starting in Fiscal Year 2018, General Funds also includes Commitment to Human Services Fund, Fund for the Advancement of Education and Budget Stabilization Fund. All Fiscal Years in this table represent the current definition of General Funds.

² Excludes transfers to and from the Budget Stabilization Fund.

³ Pursuant to Public Act 099-0523, the \$377 million of interfund borrowing in Fiscal Year 2015 is not required to be repaid. However, the State has repaid \$15 million.

⁴ See "State Indebtedness Information" for additional information.

⁵ Includes debt service on 2003, 2010, and 2011 pension funding bonds.

TABLE A-6
CASH RECEIPTS AND DISBURSEMENTS – ROAD FUND
FISCAL YEARS 2015-2019
(\$ in millions)
June 30 Fiscal Year End

	FY2015	FY2016	FY2017	FY2018	FY2019
Available Balance, Beginning	\$915	\$916	\$1,134	\$1,214	\$624
Cash Receipts					
State Revenues					
Motor Vehicle & License Fees	783	779	803	737	852
Certificates of Title	86	87	86	84	84
Property Sales (City & County)	142	125	91	93	89
Miscellaneous	74	73	111	79	65
Total, State Revenues	\$1,085	\$1,064	\$1,090	\$993	\$1,090
Federal Revenues	1,721	1,537	1,558	1,276	1,262
Transfers In					
Motor Fuel Fund	289	307	303	305	304
Other Funds	0	0	0	0	102
Prior Year Refunds	3	4	32	6	106
Total Cash Receipts	\$3,097	\$2,913	\$2,984	\$2,579	\$2,864
Cash Disbursements					
Expenditures for Appropriations	2,478	2,332	2,576	2,562	2,452
Transfers Out					
Debt Service Funds ¹	347	334	305	349	339
Other State Funds ²	271	30	23	258	356
Total Cash Disbursements	\$3,096	\$2,695	\$2,904	\$3,169	\$3,147
Cash Balance, Ending	\$ 916	\$1,134	\$1,214	\$ 624	\$ 342

Source: Illinois Office of the Comptroller. May not add due to rounding.

1 Reflects debt service on GO Bonds.

2 Fiscal Year 2015 includes Fund Reallocation transfers to the General Revenue Fund in the amount of \$250 million.

PART III: ECONOMIC DATA

Illinois is a state of diversified economic strength. Based on data from the U.S. Department of Commerce Bureau of Economic Analysis, the Illinois economy is the 5th largest in the United States and, based on information from the World Bank, the Illinois economy is the 18th largest in the world. Measured by per capita personal income, Illinois ranks third among the ten most populous states and fifteenth among all states. The State has a highly educated population, with 35.1% of State residents holding college degrees compared to 31.1% of Midwest residents and 32.6% of the population of the United States (numbers reflect educational attainment among residents ages 25 and older). Chicago serves as the transportation center of the Midwest and the headquarters of many of the nation's major corporations and financial institutions. Table A-7 shows Illinois has a historically higher per capita GDP than the Great Lakes Region and the United States. Table A-8 shows the distribution of Illinois non-agricultural employment by industry sector.

TABLE A-7
PER CAPITA REAL GDP (CHAINED 2012 DOLLARS)
CALENDAR YEARS 2014-2018

	2014	2015	2016	2017	2018
United States	\$53,080	\$54,208	\$54,660	\$55,515	\$56,749
Illinois	56,965	57,657	57,989	58,513	59,980
Great Lakes Region	49,806	50,326	50,784	51,359	52,419

Source: Bureau of Economic Analysis, current data as of May 1, 2019.

TABLE A-8
NON-AGRICULTURAL PAYROLL JOBS BY INDUSTRY
CALENDAR YEAR 2018
(Thousands)

Industry Employment Sector	Illinois	% of Total	U.S.	% of Total
Financial Activities	402	6.6%	8,569	5.7%
Manufacturing	588	9.6%	12,689	8.5%
Trade, Transportation and Utilities	1216	19.9%	27,659	18.6%
Leisure and Hospitality	617	10.1%	16,348	11.0%
Education and Health Services	934	15.3%	23,667	15.9%
Mining, Logging, Information and Other Services	357	5.8%	9,405	6.3%
Government	826	13.5%	22,449	15.1%
Professional and Business Services	951	15.6%	20,999	14.1%
Construction	226	3.7%	7,289	4.9%
Total	6,118	100.0%	149,074	100.0%

Source: Bureau of Labor Statistics, March 13, 2019. Both State and national data not seasonally adjusted.

Illinois ranks prominently among states for agricultural activity and exports. Table A-9 summarizes key agricultural production statistics including rank among all states in 2017.

**TABLE A-9
AGRICULTURAL EXPORTS
CALENDAR YEAR 2017
(\$ in Millions)**

Agricultural Exports	U.S. Total	Illinois Share	% of U.S.	Rank
All Commodities	\$138,152	\$8,158	5.9%	3
Soybeans	21,452	3,058	14.3%	1
Feeds	8,312	1,122	13.5%	2
Corn	9,119	1,442	15.8%	2
Grain Products	4,408	507	11.5%	2

Source: U.S. Department of Agriculture, Economic Research Service. Calendar year 2017 is the most recent calendar year for which information is available, which data was most recently revised as of October 25, 2018.

U.S. trade policy has generated some concern among certain U.S. producers who fear retaliatory tariffs may increase import costs, decrease commodity prices, disrupt supply lines and possibly cause an economic slowdown. Many argue that the main risk to trade growth is uncertainty regarding the direction of U.S. trade policy. In Illinois, the agricultural and manufacturing industries are the most export-dependent industries. Higher tariffs on imports will likely lead to retaliation by trading partners, which could reduce exports. For example, China has announced it is imposing tariffs on imports of U.S. soybeans and is diverting some of its purchasing to Brazilian production in response to federal government tariffs on steel, aluminum and solar imports.

Per capita income in Illinois is greater than the average in both the United States and the Great Lakes Region. Table A-10 presents per capita income comparisons, and Table A-11 shows unemployment rate comparisons for the United States, Illinois and its metropolitan areas.

TABLE A-10
PER CAPITA PERSONAL INCOME
CALENDAR YEARS 2014-2018

	2014	2015	2016	2017	2018	2018 Rank
Illinois	\$49,444	\$51,519	\$52,273	\$53,943	\$56,839	14
United States	47,058	48,978	49,870	51,885	54,446	--
Ten Most Populous States:						
New York	56,743	59,141	61,226	65,644	68,668	1
California	52,324	55,758	57,739	60,156	63,557	2
Illinois	49,444	51,519	52,273	53,943	56,839	3
Pennsylvania	48,431	50,378	51,614	53,144	56,225	4
Texas	46,289	46,577	45,616	47,929	50,355	5
Florida	43,109	45,287	45,684	47,869	50,070	6
Ohio	42,754	44,340	45,040	46,651	48,739	7
Michigan	41,147	43,533	44,868	46,258	48,423	8
Georgia	39,795	41,681	42,693	44,536	46,482	9
North Carolina	40,064	41,851	42,651	44,180	46,117	10
Great Lakes States:						
Illinois	49,444	51,519	52,273	53,943	56,839	1
Wisconsin	44,939	46,681	47,550	49,290	51,592	2
Ohio	42,754	44,340	45,040	46,651	48,739	3
Michigan	41,147	43,533	44,868	46,258	48,423	4
Indiana	41,099	42,627	43,741	45,225	47,149	5

Source: U.S. Department of Commerce, Bureau of Economic Analysis. Current data as of September 24, 2019.

TABLE A-11
UNEMPLOYMENT RATE (%)
CALENDAR YEARS 2014-2018

	2014	2015	2016	2017	2018
United States	6.2	5.3	4.9	4.4	3.9
Illinois	7.1	6.0	5.8	4.9	4.3
Bloomington-Normal MSA	5.5	4.8	5.1	4.2	4.3
Carbondale-Marion MSA	6.7	5.9	5.8	4.9	4.9
Champaign-Urbana MSA	5.9	5.2	5.1	4.4	4.4
Chicago-Naperville-Elgin MSA	7.1	5.9	5.7	4.8	4.0
Danville MSA	8.4	7.0	7.2	6.5	6.2
Davenport-Moline-Rock Island MSA	6.1	5.6	5.4	4.5	4.2
Decatur MSA	8.5	7.0	6.6	5.6	5.6
Kankakee MSA	7.9	6.8	6.4	5.5	5.4
Peoria MSA	7.0	6.4	6.6	5.6	5.1
Rockford MSA	8.2	6.9	6.6	6.5	5.7
Springfield MSA	5.8	5.1	4.9	4.3	4.3

Source: U.S. Department of Labor, Bureau of Labor Statistics, data as of September 4, 2019.
Regional data are not seasonally adjusted. National data are seasonally adjusted.

Illinois is the nation's sixth most populous state.

**TABLE A-12
POPULATION
ILLINOIS AND SELECTED METROPOLITAN STATISTICAL AREAS
BY CENSUS YEARS**

	1990	2000	2010
Illinois	11,430,602	12,419,293	12,830,632
Chicago CMSA (IL Part)	7,410,858	8,273,268	8,586,609
St. Louis MSA (IL Part)	656,987	671,595	703,664
Rockford MSA	283,719	320,204	349,431
Peoria MSA	358,552	366,899	379,186
Springfield MSA	189,550	201,437	210,170
Champaign-Urbana MSA	202,848	210,275	231,891

Source: U.S. Bureau of the Census, Population Division, as of July 1, 2018.

**TABLE A-13
ILLINOIS POPULATION BY AGE GROUP
BY CALENDAR YEAR**

	2018	% of Total Population
Under 18 years	2,857,266	22.4%
18 to 24 years	1,176,310	9.2%
25 to 44 years	3,409,506	26.8%
45 to 64 years	3,305,037	25.9%
65 years and over	1,992,961	15.6%
Total	12,741,080	100.0%

Source: U.S. Bureau of the Census, as of June 2019.

In 2019, 36 companies on the Fortune 500 list had headquarters located in Illinois. Illinois is among the top four states for number of businesses on the Fortune 500 list: New York: 56; California: 54; Texas: 49; and Illinois: 36. The State's reauthorization of the EDGE (Economic Development for a Growing Economy) program, which provides tax incentives to encourage companies to locate or expand operations in the State over competing states, will improve the State's ability to compete for major economic development projects.

TABLE A-14
ILLINOIS-BASED COMPANIES INCLUDED IN THE FORTUNE 500

Rank		Company	Revenues (millions USD)	Assets (millions USD)	Profits (millions USD)	Industry Category	Location	Number of Employees
2019	2018							
17	19	Walgreens Boots Alliance	\$131,537	\$68,124	\$ 5,024	Food and Drug Stores	Deerfield, IL	299,000
28	27	Boeing	101,127	117,359	10,460	Aerospace & Defense	Chicago, IL	153,000
36	36	State Farm Insurance Cos.	81,732	272,518	8,788	Insurance: Property and Casualty (Mutual)	Bloomington, IL	56,788
49	48	Archer Daniels Midland	64,341	40,833	1,810	Food Production	Chicago, IL	31,600
58	65	Caterpillar	54,722	78,509	6,147	Construction and Farm Machinery	Deerfield, IL	104,000
78	81	United Continental Holdings	41,303	44,792	2,129	Airlines	Chicago, IL	92,000
82	79	Allstate	39,815	112,249	2,252	Insurance: Property and Casualty (Stock)	Northbrook, IL	45,420
87	102	Deere	37,358	70,108	2,368	Construction and Farm Machinery	Moline, IL	74,413
93	92	Exelon	35,985	119,666	2,010	Utilities: Gas and Electric	Chicago, IL	33,383
96	110	AbbVie	32,753	59,352	5,687	Pharmaceuticals	North Chicago, IL	30,000
103	111	Abbott Laboratories	30,578	67,173	2,368	Medical Products and Equipment	Abbott Park, IL	103,000
116	117	Mondelez International	25,938	62,729	3,381	Food Consumer Products	Deerfield, IL	80,000
125	121	US Foods	24,175	9,186	407	Wholesalers: Food and Grocery	Rosemont, IL	24,900
149	131	McDonald's	21,025	32,811	5,924	Food Services	Chicago, IL	210,000
189	356	Jones Lang LaSalle	16,318	10,026	485	Real Estate	Chicago, IL	90,000
191	189	CDW	16,241	7,168	643	Information Technology Services	Lincolnshire, IL	9,019
214	204	Illinois Tool Works	14,768	14,870	2,563	Industrial Machinery	Glenview, IL	48,000
253	263	Discover Financial Services	12,848	109,553	2,742	Commercial Banks	Riverwoods, IL	16,600
262	300	LKQ	11,877	11,393	480	Wholesalers: Diversified	Chicago, IL	51,000
267	320	Tenneco	11,763	13,232	55	Motor Vehicles & Parts	Lake Forest, IL	81,000
282	287	W.W. Grainger	11,221	5,873	782	Wholesalers: Diversified	Lake Forest, IL	23,850
286	283	Baxter International	11,127	15,641	1,624	Medical Products and Equipment	Deerfield, IL	50,000
308	342	Navistar International	10,250	7,230	340	Construction and Farm Machinery	Lisle, IL	13,100
353	349	Univar	8,633	5,272	172	Wholesalers: Diversified	Downers Grove, IL	8,500
364	357	Anixter International	8,400	4,653	156	Wholesalers: Electronics and Office Equipment	Glenview, IL	9,300
386	321	Conagra Brands	7,938	10,390	808	Food Consumer Products	Chicago, IL	12,400
412	360	Dover	7,396	8,366	570	Industrial Machinery	Downers Grove, IL	24,000
416	443	Motorola Solutions	7,343	9,409	966	Network and Other Communications Equipment	Chicago, IL	16,000
432	436	Packaging Corp. of America	7,015	6,570	738	Packaging, Containers	Lake Forest, IL	15,000
435	454	Arthur J. Gallagher	6,934	16,334	634	Diversified Financials	Rolling Meadows, IL	30,362
445	406	R.R. Donnelley & Sons	6,800	3,641	(11)	Publishing, Printing	Chicago, IL	39,500
449	471	Ulta Beauty	6,717	3,191	659	Specialty Retailers: Other	Bolingbrook, IL	30,000
453	486	Northern Trust	6,659	132,213	1,556	Commercial Banks	Chicago, IL	18,800
481	450	Old Republic International	6,022	19,327	371	Insurance: Property and Casualty (Stock)	Chicago, IL	9,000
486	478	Ingredion	5,841	5,728	443	Food Production	Westchester, IL	11,000
489	446	TreeHouse Foods	5,812	5,599	(61)	Food Consumer Products	Oak Brook, IL	12,700

Source: Fortune Magazine.

PART IV: TAX REVIEW

The State of Illinois levies taxes or fees on several categories of goods, services and revenues. A complete discussion of the history of such taxes and revenues generated can be found in *The Illinois Tax Handbook for Legislators, 34th Edition February 2018* published by the Legislative Research Unit. (See APPENDIX F—WEBSITE INDEX.) The discussion below is from the Handbook, updated to summarize changes pursuant to Public Act 100-22.

The State's revenues are derived from several categories of taxes and fees. Historically, individual income taxes, sales taxes and corporate income taxes provide approximately 89% of total State revenues (not including revenues from the federal government and transfers from other State funds). MFT (as herein defined) and vehicle registration fees support GO Bonds issued for Road Fund purposes under Section 4(a) and Section 4(e) of the Bond Act or bonds issued under the authorization of Public Act 98-781 (or GO Bonds issued to refund such GO Bonds).

Individual Income Taxes

The Individual Income Tax ("IIT") is imposed on the taxable income of individuals, trusts and estates. Originally enacted in 1969, the IIT rate has been adjusted a number of times. Prior to the enactment of Public Act 100-22, the applicable IIT rate was 3.75% from January 1, 2015 through June 30, 2017. Public Act 100-22 permanently increased the rate to 4.95% for the taxable period beginning July 1, 2017. There is a lengthy list of exemptions that apply to the IIT. The change in the IIT tax rate in Public Act 100-22 is estimated to generate \$3.9 billion of additional revenue annually.

Net of funds currently being diverted to the Tax Refund Fund (see "*Note 1—Income Tax Refund Fund*" below), IIT is currently distributed as follows:

- 6.06% goes to the Local Government Distributive Fund beginning August 1, 2017 (reduced by 10% for Fiscal Year 2018 pursuant to Public Act 100-23 and 5% for Fiscal Year 2019 and Fiscal Year 2020 pursuant to Public Act 100-587 and Public Act 101-010, respectively.).
- 7.3% goes to the Education Assistance Fund.
- 3.3% goes to the Fund for the Advancement of Education.
- 3.3% goes to the Commitment to Human Services Fund.
- 5% of collections from audits goes to the Tax Compliance and Administration Fund.
- The remainder goes to the General Revenue Fund.

Corporate Income Tax

The Corporate Income Tax ("CIT") is imposed on the taxable income of corporations, associations, joint-stock companies and cooperatives. Corporations are also subject to a supplemental income tax for local governments referred to as the Personal Property Tax Replacement Tax (see Note 2 PPRT discussion below). Originally enacted in 1969, the CIT rate has been changed a number of times. Prior to the enactment of Public Act 100-22, the applicable CIT rate was 5.25%. Public Act 100-22 permanently increased the rate to 7.00% for the period beginning July 1, 2017. As with the IIT, various exemptions and deductions apply to the CIT. The change in the CIT tax rate in Public Act 100-22 is estimated to generate \$460 million of additional revenue annually.

Net of the amounts currently diverted to the Income Tax Refund Fund (see discussion under “*Note 1–Income Tax Refund Fund*” below), the CIT is distributed as follows:

- 6.85% to the Local Government Distributive Fund beginning August 1, 2017 (reduced by 10% for Fiscal Year 2018 pursuant to Public Act 100-23 and 5% for Fiscal Year 2019 and Fiscal Year 2020 pursuant to Public Act 100-587 and Public Act 101-010, respectively).
- 7.3% goes to the Education Assistance Fund.
- 5% of collections from audits goes to the Tax Compliance and Administration Fund.
- The remainder goes to the General Revenue Fund.

A small portion of the corporate income tax that is imposed on certain estates and trusts is directed to the Fund for the Advancement of Education and the Commitment to Human Services Fund.

Sales Tax

The Sales Tax (“ST”) is made up of two matching pairs of taxes, the Retailers’ Occupation Tax and Use Tax and the Service Occupation Tax and Service Use Tax.

The Retailer’s Occupation Tax is imposed on gross receipts of retailers from sales of tangible personal property in Illinois. The Use Tax is imposed on persons who use tangible personal property in Illinois. The Service Occupation Tax and Service Use Tax are similar to the Retailers’ Occupation and Use Taxes but apply to tangible property received incidental to buying a service. If out-of-state sellers have offices or other facilities in Illinois, the Illinois Department of Revenue can require them to collect these taxes on their sales in Illinois. The collection of these taxes is administered by the Department of Revenue (35 ILCS 105/1 ff (use tax); 120/1 ff (retailers occupation tax); 110/1 ff (service use tax); and 115/1 ff (service occupation tax)).

Taxes on sales are currently at a rate of 6.25% of the purchase price of applicable goods. The State keeps the part equal to 5% of the purchase price (the “State Share of Sales Tax”), and pays the remaining 1.25% to local governments. The State Share of Sales Tax, is distributed as follows:

- 5.55% to the Build Illinois Fund primarily for Build Illinois bond debt service.
- A portion pursuant to statutory formula of the State Share of Sales Tax is deposited into the Public Transportation Fund from sales in the counties of Cook, DuPage, Kane, Lake, McHenry and Will, reduced by 10% for Fiscal Year 2018 only (pursuant to Public Act 100-23) and by 5% for Fiscal Year 2019 and Fiscal Year 2020 pursuant to Public Act 100-587 and Public Act 101-010, respectively.
- 3/32 of the State Share of Sales Tax collected in certain downstate counties to the Downstate Public Transportation Fund, reduced by 10% for Fiscal Year 2018 only (pursuant to Public Act 100-23) and by 5% for Fiscal Year 2019 and Fiscal Year 2020 pursuant to Public Act 100-587 and Public Act 101-010, respectively.
- Less than 1% goes to Other State Funds.
- The remainder to the General Funds.

Motor Fuel Taxes

Motor Fuel Taxes (“MFT”) are imposed on gasoline and special fuels including diesel fuel. Prior to July 1, 2019, the rate imposed on gasoline was \$0.19/gallon, and the rate on special fuels was \$0.215/gallon. Public Act 101-0032 permanently increased the rate for gasoline to \$0.38/gallon, such rate to be increased on July 1 of each subsequent year by an amount equal to the percentage increase, if any, in the Consumer Price Index for All Urban Consumers for all items for the 12 months ending in March of each year. Public Act 101-0032 permanently increased the rate for special fuels to an amount equal to the rate charged for gasoline, plus \$0.075/gallon (initially, \$0.455/gallon). Additional amounts are levied for underground storage tanks and other environmental impact fees; these additional levies are deposited into the Underground Storage Tank Fund. On an annual basis, \$30 million of Motor Fuel Tax revenues are deposited into the Vehicle Inspection Fund for use by the Illinois Environmental Protection Agency. MFT are distributed as follows:

- \$0.025/gallon on special fuels to the State Construction Account Fund, with the remainder deposited to the Road Fund.
- Amounts generated by the increase in the tax on gasoline (all amounts over \$0.19/gallon) will be transferred to the State’s Transportation Renewal Fund.
 - 80% of the moneys in the Transportation Renewal Fund will be used for highway maintenance, highway construction, bridge repair, congestion relief and construction of aviation facilities (60% of which will be awarded by the State Department of Transportation after deposit or transfer into the State Construction Account and 40% of which will be distributed to local municipalities, counties and road districts).
 - 20% of the moneys in the Transportation Renewal Fund will be allocated to local transportation districts, including the Regional Transportation Authority, for projects.
- \$47 million for Grade Crossing Protection Fund and the State Boating Act Fund.
- Sufficient amounts for administrative costs of the Illinois Department of Revenue and the Illinois Department of Transportation.
- Of the remainder:
 - 45.6% to the State Construction Account Fund (37%) and the State Road Fund (63%).
 - 54.4% to municipalities by population (49.10%), Cook County (16.74%), Other Counties (18.27%) and townships/road districts (15.89%).

Motor Vehicle Fees: Revenue from motor vehicle fees is derived primarily from vehicle registrations, with fees from operators and chauffeurs licenses and vehicle titles representing a smaller portion of the total. Approximately 51 percent of these fees are paid into the Road Fund, 31 percent to the State Construction Account Fund, 14 percent to the Capital Projects Fund, and the rest to other funds of the State. Beginning with 2021 registrations, Public Act 101-0032 permanently increased motor vehicle registration fees from \$101 annually to \$151 annually, with

large truck and trailer registration fees range going as high as \$3,191 for an 80,000 pound truck. In addition, beginning on January 1, 2020, electric vehicles registration fees will be brought in line with regular registration fees, plus an additional \$100 per year in lieu of the payment of Motor Fuel Taxes, which funds, aside from a \$1 deposit into the Secretary of State Special Services Fund, will be deposited into the Road Fund. This change will increase the electric vehicle registration fee amount to \$251.

Note 1: Income Tax Refund Fund

The Income Tax Refund Fund is funded by a portion of both the CIT (17.25% of gross CIT receipts for Fiscal Year 2017; 17.5% of gross CIT receipts for Fiscal Year 2018; 15.5% of gross CIT receipts for Fiscal Year 2019; 14.25% of gross receipts for Fiscal Year 2020) and IIT (11.2% of gross IIT receipts for Fiscal Year 2017; 9.8% of gross IIT receipts for Fiscal Year 2018; 9.7% of gross IIT receipts for Fiscal Year 2019; 9.5% of gross receipts for Fiscal Year 2020) to fund tax refunds due to tax filers. The rates are set by formula, but the formula can and has frequently been overridden by the General Assembly to set the rates at a particular value. Priority of payment has been to pay IIT refunds first, followed by CIT refunds. If funds are left over in the Income Tax Refund Fund, they are returned to the General Revenue Fund. This resulted in moneys being returned to the General Revenue Fund in Fiscal Year 2018 in the amount of \$1.4 million, \$327 million in Fiscal Year 2019 and \$616 million in Fiscal Year 2020. If insufficient funds are available in the Income Tax Refund Fund, refunds are held until sufficient funds become available, which may be in a subsequent fiscal year. The Income Tax Refund Fund had a balance of \$343.4 million as of October 1, 2019. As of October 1, 2019, there were no unpaid CIT or IIT refunds. Part of the Income Tax Refund Fund is also used to “true up” payments due to local governments under the Personal Property Replacement Tax (“PPRT”). Should insufficient funds be available in the Income Tax Refund Fund to pay these “true up” payments, they must be paid, by statute, from deposits into the Income Tax Refund Fund in the first quarter of the subsequent fiscal year.

Note 2: Personal Property Replacement Taxes

The Illinois Constitution of 1970 abolished all ad valorem personal property taxes. In 1979, the General Assembly replaced these taxes on businesses with the PPRT that is earmarked to local governments to replace the ad valorem tax. The tax for corporations is 2.5% of federal taxable income. The tax for partnerships, trusts and “S” corporations is 1.5% of federal taxable income. The PPRT is distributed to local governments based on their relative share of the personal property tax collections in 1976 (Cook County) and 1977 (other 101 counties).

Local governments in Cook County receive 51.65% of the PPRT, with the balance of 48.35% to the local governments in the other 101 counties.

[THIS PAGE INTENTIONALLY LEFT BLANK]

APPENDIX B

FORM OF APPROVING OPINION OF CO-BOND COUNSEL

[LETTERHEAD OF RESPECTIVE CO-BOND COUNSEL]

[TO BE DATED CLOSING DATE]

We hereby certify that we have examined a certified copy of the proceedings (the “*Proceedings*”) of the Governor of the State of Illinois (the “*State*”) and the Director of the Governor’s Office of Management and Budget of the State authorizing the issue by the State of its fully registered \$750,000,000 General Obligation Bonds, Series of November 2019, dated the date hereof, in three separate series: Series of November 2019A in the principal amount of \$300,000,000 (the “*November 2019A Bonds*”), Series of November 2019B in the principal amount of \$300,000,000 (the “*November 2019B Bonds*”) and Series of November 2019C in the principal amount of \$150,000,000 (the “*November 2019C Bonds*” and, together with the November 2019A Bonds and the November 2019B Bonds, the “*Bonds*”), dated the date hereof. The Bonds mature on the dates of the years, in the amounts and bear interest as follows:

NOVEMBER 2019A BONDS

YEAR OF MATURITY (NOVEMBER 1)	PRINCIPAL AMOUNT (\$)	RATE OF INTEREST (%)
2020	30,000,000	
2021	30,000,000	
2022	30,000,000	
2023	30,000,000	
2024	30,000,000	
2025	30,000,000	
2026	30,000,000	
2027	30,000,000	
2028	30,000,000	
2029	30,000,000	

NOVEMBER 2019B BONDS

YEAR OF MATURITY (NOVEMBER 1)	PRINCIPAL AMOUNT (\$)	RATE OF INTEREST (%)
2030	30,000,000	
2031	30,000,000	
2032	30,000,000	
2033	30,000,000	
2034	30,000,000	
2035	30,000,000	
2036	30,000,000	
2037	30,000,000	
2038	30,000,000	
2039	30,000,000	

NOVEMBER 2019C BONDS

YEAR OF MATURITY (NOVEMBER 1)	PRINCIPAL AMOUNT (\$)	RATE OF INTEREST (%)
2040	30,000,000	
2041	30,000,000	
2042	30,000,000	
2043	30,000,000	
2044	30,000,000	

The November 2019B Bonds and November 2019C Bonds are subject to redemption prior to maturity at the option of the State in whole, or in part in integral multiples of \$5,000, from such series and maturities as may be selected by the State (less than all of the Bonds of a single series and maturity to be selected by the Bond Registrar), on November 1, 2029, or on any date thereafter, at the redemption price of par plus accrued interest to the redemption date.

We are of the opinion that the Proceedings show lawful authority for said issue under the laws of the State now in force.

We further certify that we have examined the form of Bond prescribed for said issue and find the same in due form of law, and in our opinion said issue, to the amount named, is valid and legally binding upon the State, except that the rights of the owners of the Bonds and the enforceability of the Bonds may be limited by bankruptcy, insolvency, moratorium, reorganization and other similar laws affecting creditors' rights and by equitable principles, whether considered at law or in equity, including the exercise of judicial discretion, and constitutes a direct, general obligation of the State, for the prompt payment of which, both principal and interest as the same become due, the full faith and credit of the State have been validly pledged.

It is our opinion that, subject to the State's compliance with certain covenants, under present law, interest on the Bonds is excludable from gross income of the owners thereof for federal income tax purposes and is not included as an item of tax preference in computing the alternative minimum tax for individuals under the Internal Revenue Code of 1986, as amended. Failure to comply with certain of such State covenants could cause interest on the Bonds to be includible in gross income for federal income tax purposes retroactively to the date of issuance of the Bonds. Ownership of the Bonds may result in other federal tax consequences to certain taxpayers, and we express no opinion regarding any such collateral consequences arising with respect to the Bonds.

We express no opinion herein as to the accuracy, adequacy or completeness of any information furnished to any person in connection with any offer or sale of the Bonds.

In rendering this opinion, we have relied upon certifications of the State with respect to certain material facts within the State's knowledge. Our opinion represents our legal judgment based upon our review of the law and the facts that we deem relevant to render such opinion and is not a guarantee of a result. This opinion is given as of the date hereof and we assume no obligation to revise or supplement this opinion to reflect any facts or circumstances that may hereafter come to our attention or any changes in law that may hereafter occur.

[THIS PAGE INTENTIONALLY LEFT BLANK]

APPENDIX C

GLOBAL BOOK-ENTRY SYSTEM

The Bonds will be available only in book-entry form. DTC will act as the initial securities depository for the Bonds. The Bonds will be issued as fully-registered securities registered in the name of Cede & Co. (DTC's partnership nominee) or such other name as may be requested by an authorized representative of DTC. One or more fully-registered bond certificates will be issued for each series of the Bonds of each maturity, in the aggregate principal amount thereof, and will be deposited with DTC.

The State, the Bond Registrar and the Purchasers cannot and do not give any assurances that DTC, direct participants or indirect participants of DTC, will distribute to the beneficial owners of the Bonds (1) payments of principal of or interest or redemption premium on the Bonds, (2) confirmations of their ownership interests in the Bonds or (3) other notices sent to DTC or Cede & Co., its partnership nominee, as the registered owner of the Bonds, or that they will do so on a timely basis, or that DTC, direct participants or indirect participants of DTC, will serve and act in the manner described in this Official Statement.

Neither the State nor the Bond Registrar will have any responsibility or obligations to DTC, direct participants or the indirect participants of DTC, or the beneficial owners with respect to (1) the accuracy of any records maintained by DTC or any direct participants or indirect participants of DTC; (2) the payment by DTC or any direct participants or indirect participants of DTC of any amount due to any beneficial owner in respect of the principal amount of or interest or redemption premium on the Bonds; (3) the delivery by DTC or any direct participants or indirect participants of DTC of any notice to any beneficial owner that is required or permitted to be given to owners under the terms of the Bond Sale Order; (4) the selection of the beneficial owners to receive payment in the event of any partial redemption of the Bonds; or (5) any consent given or other action taken by DTC as Owner of the Bonds.

Portions of the information below concerning DTC, and DTC's book-entry system are based on information furnished by DTC to the State. No representation is made herein by the State, the Bond Registrar, or the Purchasers as to the accuracy, completeness or adequacy of such information, or as to the absence of material adverse, changes in such information subsequent to the date of this official statement.

DTC will act as securities depository for the Bonds. The Bonds will be issued as fully-registered bonds registered in the name of Cede & Co. (DTC's partnership nominee) or such other name as may be requested by an authorized representative of DTC. One fully-registered Bond certificate will be issued for each maturity of each series of the Bonds, in the aggregate principal amount of such maturity, and will be deposited with DTC.

DTC, the world's largest securities depository, is a limited-purpose trust company organized under the New York Banking Law, a "banking organization" within the meaning of the New York Banking Law, a member of the Federal Reserve System, a "clearing corporation" within the meaning of the New York Uniform Commercial Code, and a "clearing agency" registered pursuant to the provisions of Section 17A of the 1934 Act. DTC holds and provides asset servicing for over 3.5 million issues of U.S. and non-U.S. equity issues, corporate and municipal debt issues, and money market instruments (from over 100 countries) that DTC's participants ("Direct Participants") deposit with DTC. DTC also facilitates the post-trade settlement among Direct

Participants of sales and other securities transactions in deposited securities, through electronic computerized book-entry transfers and pledges between Direct Participants' accounts. This eliminates the need for physical movement of securities certificates. Direct Participants include both U.S. and non-U.S. securities brokers and dealers, banks, trust companies, clearing corporations, and certain other organizations. DTC is a wholly-owned subsidiary of The Depository Trust & Clearing Corporation ("DTCC"). DTCC is the holding company for DTC, National Securities Clearing Corporation and Fixed Income Clearing Corporation, all of which are registered clearing agencies. DTCC is owned by the users of its regulated subsidiaries. Access to the DTC system is also available to others such as both U.S. and non-U.S. securities brokers and dealers, banks, trust companies, and clearing corporations that clear through or maintain a custodial relationship with a Direct Participant, either directly or indirectly ("Indirect Participants"). DTC has a Standard & Poor's rating of "AA+". The DTC Rules applicable to its Participants are on file with the Commission. More information about DTC can be found at www.dtcc.com.

Purchases of Bonds under the DTC system must be made by or through Direct Participants, which will receive a credit for the Bonds on DTC's records. The ownership interest of each actual purchaser of each Bond ("Beneficial Owner") is in turn to be recorded on the Direct and Indirect Participants' records. Beneficial Owners will not receive written confirmation from DTC of their purchase. Beneficial Owners are, however, expected to receive written confirmations providing details of the transaction, as well as periodic statements of their holdings, from the Direct or Indirect Participant through which the Beneficial Owner entered into the transaction. Transfers of ownership interests in the Bonds are to be accomplished by entries made on the books of Direct and Indirect Participants acting on behalf of Beneficial Owners. Beneficial Owners will not receive certificates representing their ownership interests in Bonds, except in the event that use of the book-entry system for the Bonds is discontinued.

To facilitate subsequent transfers, all Bonds deposited by Direct Participants with DTC are registered in the name of DTC's partnership nominee, Cede & Co., or such other name as may be requested by an authorized representative of DTC. The deposit of Bonds with DTC and their registration in the name of Cede & Co. or such other DTC nominee do not effect any change in beneficial ownership. DTC has no knowledge of the actual Beneficial Owners of the Bonds; DTC's records reflect only the identity of the Direct Participants to whose accounts such Bonds are credited, which may or may not be the Beneficial Owners. The Direct and Indirect Participants will remain responsible for keeping account of their holdings on behalf of their customers.

Conveyance of notices and other communications by DTC to Direct Participants, by Direct Participants to Indirect Participants, and by Direct Participants and Indirect Participants to Beneficial Owners will be governed by arrangements among them, subject to any statutory or regulatory requirements as may be in effect from time to time. Beneficial Owners of Bonds may wish to take certain steps to augment the transmission to them of notices of significant events with respect to the Bonds, such as redemptions, tenders, defaults, and proposed amendments to the Bond documents. For example, Beneficial Owners of Bonds may wish to ascertain that the nominee holding the Bonds for their benefit has agreed to obtain and transmit notices to Beneficial Owners. In the alternative, Beneficial Owners may wish to provide their names and addresses to the Bond Registrar and request that copies of notices be provided directly to them.

Redemption notices shall be sent to DTC. If less than all of the Bonds within an issue are being redeemed, DTC's practice is to determine by lot the amount of the interest of each Direct Participant in such issue to be redeemed.

Neither DTC nor Cede & Co. (nor any other DTC nominee) will consent or vote with respect to the Bonds unless authorized by a Direct Participant in accordance with DTC's MMI Procedures. Under its usual procedures, DTC mails an Omnibus Proxy to the State as soon as possible after the record date. The Omnibus Proxy assigns Cede & Co.'s consenting or voting rights to those Direct Participants to whose accounts the Bonds are credited on the record date (identified in a listing attached to the Omnibus Proxy).

Redemption proceeds, distributions, and dividend payments on the Bonds will be made to Cede & Co., or such other nominee as may be requested by an authorized representative of DTC. DTC's practice is to credit Direct Participants' accounts upon DTC's receipt of funds and corresponding detail information from the State or Bond Registrar, on payable date in accordance with their respective holdings shown on DTC's records. Payments by Participants to Beneficial Owners will be governed by standing instructions and customary practices, as is the case with bonds held for the accounts of customers in bearer form or registered in "street name," and will be the responsibility of such Participant and not of DTC, the Bond Registrar, or the State, subject to any statutory or regulatory requirements as may be in effect from time to time. Payment of redemption proceeds, distributions, and dividend payments to Cede & Co. (or such other nominee as may be requested by an authorized representative of DTC) is the responsibility of the State or the Bond Registrar, disbursement of such payments to Direct Participants will be the responsibility of DTC, and disbursement of such payments to the Beneficial Owners will be the responsibility of Direct and Indirect Participants.

DTC may discontinue providing its services as securities depository with respect to the Bonds at any time by giving reasonable notice to the State or the Bond Registrar. Under such circumstances, in the event that a successor securities depository is not obtained, Bond certificates are required to be printed and delivered.

The State may decide to discontinue use of the system of book-entry transfers through DTC (or a successor securities depository). In that event, Bond certificates will be printed and delivered to DTC.

The information in this section concerning DTC and DTC's book-entry system has been obtained from sources that the State believes to be reliable, but neither of the State nor the Bond Registrar takes any responsibility for the accuracy thereof.

[THIS PAGE INTENTIONALLY LEFT BLANK]

APPENDIX D

FORM OF CONTINUING DISCLOSURE UNDERTAKING FOR THE PURPOSE OF PROVIDING CONTINUING DISCLOSURE INFORMATION UNDER SECTION (B)(5) OF RULE 15C2-12

This Continuing Disclosure Undertaking (this “*Agreement*”) is executed and delivered by the State of Illinois (the “*State*”), in connection with the issuance of \$750,000,000 General Obligation Bonds, Series of November 2019, dated the date hereof, in three separate series: \$300,000,000 Series of November 2019A (the “*November 2019A Bonds*”), \$300,000,000 Series of November 2019B (the “*November 2019B Bonds*”), and \$150,000,000 Series of November 2019C (the “*November 2019C Bonds*” and, together with the November 2019A Bonds and the November 2019B Bonds, the “*Bonds*”). The Bonds are being issued pursuant to a Bond Sale Order approved by the Governor and the Director of the Governor’s Office of Management and Budget of the State, dated October 25, 2019, as supplemented by separate Sale Confirmation Certificates for the November 2019A Bonds and the November 2019B Bonds, each dated November 6, 2019 confirming the terms of sale of the respective series of the Bonds (collectively, the “*Bond Order*”).

In consideration of the issuance of the Bonds by the State and the purchase of such Bonds by the beneficial owners thereof, the State covenants and agrees as follows:

1. PURPOSE OF THIS AGREEMENT. This Agreement is executed and delivered by the State as of the date set forth below, for the benefit of the beneficial owners of the Bonds and in order to assist the Participating Underwriters in complying with the requirements of the Rule (as defined below). The State represents that it will be the only obligated person with respect to the Bonds at the time the Bonds are delivered to the Participating Underwriters and that no other person is expected to become so committed at any time after issuance of the Bonds.

2. DEFINITIONS. The terms set forth below shall have the following meanings in this Agreement, unless the context clearly otherwise requires.

Annual Financial Information means the financial information and operating data described in *Exhibit I*.

Annual Financial Information Disclosure means the dissemination of disclosure concerning Annual Financial Information and the dissemination of the Audited Financial Statements as set forth in Section 4.

Audited Financial Statements means the Comprehensive Annual Financial Report of the State (“*CAFR*”) as described in *Exhibit I*.

Commission means the Securities and Exchange Commission.

Dissemination Agent means any agent designated as such in writing by the State and which has filed with the State a written acceptance of such designation, and such agent’s successors and assigns.

EMMA means the MSRB through its Electronic Municipal Market Access system for municipal securities disclosure or through any other electronic format or system prescribed by the MSRB for purposes of the Rule.

Exchange Act means the Securities Exchange Act of 1934, as amended.

Financial Obligation of the State means (i) debt obligation, (ii) derivative instrument entered into in connection with, or pledged as security or a source of payment for, an existing or planned debt obligation, or (iii) guarantee of (i) or (ii), *provided*, that such term does not include municipal securities as to which a final official statement has been provided to the MSRB consistent with the Rule.

MSRB means the Municipal Securities Rulemaking Board.

Official Statement means the Final Official Statement, dated _____, 2019, and relating to the Bonds.

Participating Underwriter means each broker, dealer or municipal securities dealer acting as an underwriter in the primary offering of the Bonds.

Reportable Event means the occurrence of any of the Events with respect to the Bonds set forth in *Exhibit II*.

Reportable Events Disclosure means dissemination of a notice of a Reportable Event as set forth in Section 5.

Rule means Rule 15c2-12 adopted by the Commission under the Exchange Act, as the same may be amended from time to time.

Undertaking means the obligations of the State pursuant to Sections 4 and 5.

3. CUSIP NUMBERS. The CUSIP Numbers of the Bonds are set forth in *Exhibit III*. The State will include the CUSIP Numbers in all disclosure materials described in Sections 4 and 5 of this Agreement.

4. ANNUAL FINANCIAL INFORMATION DISCLOSURE. Subject to Section 8 of this Agreement, the State hereby covenants that it will disseminate its Annual Financial Information and its Audited Financial Statements (in the form and by the dates set forth in *Exhibit I*) to EMMA in such manner and format and accompanied by identifying information as is prescribed by the MSRB or the Commission at the time of delivery of such information and by such time so that such entities receive the information by the dates specified. MSRB Rule G-32 requires all EMMA filings to be in word-searchable PDF format. This requirement extends to all documents to be filed with EMMA, including financial statements and other externally prepared reports.

If any part of the Annual Financial Information can no longer be generated because the operations to which it is related have been materially changed or discontinued, the State will disseminate a statement to such effect as part of its Annual Financial Information for the year in which such event first occurs.

If any amendment or waiver is made to this Agreement, the Annual Financial Information for the year in which such amendment or waiver is made (or in any notice or supplement provided to EMMA) shall contain a narrative description of the reasons for such amendment or waiver and its impact on the type of information being provided.

5. REPORTABLE EVENTS DISCLOSURE. Subject to Section 8 of this Agreement, the State hereby covenants that it will disseminate in a timely manner (not in excess of ten business days after the occurrence of the Reportable Event) Reportable Events Disclosure to EMMA in such manner and format and accompanied by identifying information as is prescribed by the MSRB or the Commission at the time of delivery of such information. References to “material” in *Exhibit*

It refer to materiality as it is interpreted under the Exchange Act. MSRB Rule G-32 requires all EMMA filings to be in word-searchable PDF format. This requirement extends to all documents to be filed with EMMA, including financial statements and other externally prepared reports. Notwithstanding the foregoing, notice of optional or unscheduled redemption of any Bonds or defeasance of any Bonds need not be given under this Agreement any earlier than the notice (if any) of such redemption or defeasance is given to the Bondholders pursuant to the Bond Order.

6. CONSEQUENCES OF FAILURE OF THE STATE TO PROVIDE INFORMATION. The State shall give notice in a timely manner to EMMA of any failure to provide Annual Financial Information Disclosure when the same is due hereunder.

In the event of a failure of the State to comply with any provision of this Agreement, the beneficial owner of any Bond may seek mandamus or specific performance by court order, to cause the State to comply with its obligations under this Agreement. A default under this Agreement shall not be deemed a default under the Bond Order, and the sole remedy under this Agreement in the event of any failure of the State to comply with this Agreement shall be an action to compel performance.

7. AMENDMENTS; WAIVER. Notwithstanding any other provision of this Agreement, the State by resolution authorizing such amendment or waiver, may amend this Agreement, and any provision of this Agreement may be waived, if:

(a) (i) The amendment or waiver is made in connection with a change in circumstances that arises from a change in legal requirements, including without limitation, pursuant to a “no-action” letter issued by the Commission, a change in law, or a change in the identity, nature, or status of the State, or type of business conducted; or

(ii) This Agreement, as amended, or the provision, as waived, would have complied with the requirements of the Rule at the time of the primary offering, after taking into account any amendments or interpretations of the Rule, as well as any change in circumstances; and

(b) The amendment or waiver does not materially impair the interests of the beneficial owners of the Bonds, as determined by parties unaffiliated with the State (such as Co-Bond Counsel).

In the event that the Commission or the MSRB or other regulatory authority shall approve or require Annual Financial Information Disclosure or Reportable Events Disclosure to be made to a central post office, governmental agency or similar entity other than EMMA or in lieu of EMMA, the State shall, if required, make such dissemination to such central post office, governmental agency or similar entity without the necessity of amending this Agreement.

8. TERMINATION OF UNDERTAKING. The Undertaking of the State shall be terminated hereunder if the State shall no longer have any legal liability for any obligation on or relating to repayment of the Bonds under the Bond Order. The State shall give notice to EMMA in a timely manner if this Section is applicable.

9. DISSEMINATION AGENT. The State may, from time to time, appoint or engage a Dissemination Agent to assist it in carrying out its obligations under this Agreement, and may discharge any such Dissemination Agent, with or without appointing a successor Dissemination Agent.

10. ADDITIONAL INFORMATION. Nothing in this Agreement shall be deemed to prevent the State from disseminating any other information, using the means of dissemination set forth in this Agreement or any other means of communication, or including any other information in any Annual Financial Information Disclosure or notice of occurrence of a Reportable Event, in addition to that which is required by this Agreement. If the State chooses to include any information from any document or notice of occurrence of a Reportable Event in addition to that which is specifically required by this Agreement, the State shall have no obligation under this Agreement to update such information or include it in any future disclosure or notice of occurrence of a Reportable Event.

11. BENEFICIARIES. This Agreement has been executed in order to assist the Participating Underwriters in complying with the Rule; however, this Agreement shall inure solely to the benefit of the State, the Dissemination Agent, if any, and the beneficial owners of the Bonds, and shall create no rights in any other person or entity.

12. RECORDKEEPING. The State shall maintain records of all Annual Financial Information Disclosure and Reportable Events Disclosure, including the content of such disclosure, the names of the entities with whom such disclosure was filed and the date of filing such disclosure.

13. ASSIGNMENT. The State shall not transfer its obligations under the Bond Order unless the transferee agrees to assume all obligations of the State under this Agreement or to execute an Undertaking under the Rule.

14. GOVERNING LAW. This Agreement shall be governed by the laws of the State.

STATE OF ILLINOIS

Signed By: _____

Director, Governor's Office of
Management and Budget

Name: Alexis Sturm

Address: 100 W. Randolph, 15-100

Chicago, Illinois 60601

Date: _____, 2019

EXHIBIT I
ANNUAL FINANCIAL INFORMATION AND TIMING AND
AUDITED FINANCIAL STATEMENTS

Annual Financial Information: financial information and operating data including information of the type contained in the Official Statement as follows (i) in Tables 1 and 2 under the heading “SECURITY,” (ii) in Tables 3 and 4 under the heading “STATE FINANCIAL INFORMATION”, (iii) in Tables 6 and 7 under the heading “GENERAL OBLIGATION INDEBTEDNESS”, (iv) in Table A-1 in APPENDIX A—CERTAIN INFORMATION REGARDING THE STATE OF ILLINOIS, (V) in Tables E-5, E-6 and E-18 in APPENDIX E—PENSION AND OTHER POST EMPLOYMENT BENEFITS, and (vi) in Tables G-1 and G-2 in APPENDIX G—ACCOUNTING PRACTICES USED IN STATE FINANCIAL INFORMATION.

All or a portion of the Annual Financial Information and the Audited Financial Statements as set forth below may be included by reference to other documents which have been submitted to EMMA or filed with the Commission. If the information included by reference is contained in a Final Official Statement, the Final Official Statement must be available on EMMA; the Final Official Statement need not be available from the Commission. The State shall clearly identify each such item of information included by reference.

Annual Financial Information exclusive of Audited Financial Statements will be submitted to EMMA by 330 days after the last day of the State’s fiscal year (currently June 30).

Audited Financial Statements are created and published by the Office of the Illinois Comptroller in the form of the State’s Comprehensive Annual Financial Report (“*CAFR*”). Once available to the Governor’s Office of Management and Budget, the *CAFR* will be submitted to EMMA within 30 days. The *CAFR* will be prepared in conformity with generally accepted accounting principles applicable to state governments as prescribed by the Governmental Accounting Standards Board.

If any change is made to the Annual Financial Information as permitted by Section 4 of the Agreement, the State will disseminate a notice of such change as required by Section 4.

EXHIBIT II
EVENTS WITH RESPECT TO THE BONDS
FOR WHICH REPORTABLE EVENTS DISCLOSURE IS REQUIRED

1. Principal and interest payment delinquencies
2. Non-payment related defaults, if material
3. Unscheduled draws on debt service reserves reflecting financial difficulties
4. Unscheduled draws on credit enhancements reflecting financial difficulties
5. Substitution of credit or liquidity providers, or their failure to perform
6. Adverse tax opinions, the issuance by the Internal Revenue Service of proposed or final determinations of taxability, Notices of Proposed Issue (IRS Form 5701-TEB) or other material notices or determinations with respect to the tax status of the security, or other material events affecting the tax status of the security
7. Modifications to the rights of security holders, if material
8. Bond calls, if material, and tender offers
9. Defeasances
10. Release, substitution or sale of property securing repayment of the securities, if material
11. Rating changes
12. Bankruptcy, insolvency, receivership or similar event of the State*
13. The consummation of a merger, consolidation, or acquisition involving the State or the sale of all or substantially all of the assets of the State, other than in the ordinary course of business, the entry into a definitive agreement to undertake such an action or the termination of a definitive agreement relating to any such actions, other than pursuant to its terms, if material
14. Appointment of a successor or additional trustee or the change of name of a trustee, if material
15. Incurrence of a Financial Obligation, if material, or agreement to covenants, events of default, remedies, priority rights, or other similar terms of a financial obligation of the State, any of which affect security holders, if material
16. Default, event of acceleration, termination event, modification of terms, or other similar events under the terms of a Financial Obligation, any of which reflect financial difficulties.

* This event is considered to occur when any of the following occur: the appointment of a receiver, fiscal agent or similar officer for the State in a proceeding under the U.S. Bankruptcy Code or in any other proceeding under state or federal law in which a court or governmental authority has assumed jurisdiction over substantially all of the assets or business of the State, or if such jurisdiction has been assumed by leaving the existing governing body and officials or officers in possession but subject to the supervision and orders of a court or governmental authority, or the entry of an order confirming a plan of reorganization, arrangement or liquidation by a court or governmental authority having supervision or jurisdiction over substantially all of the assets or business of the State.

**EXHIBIT III
CUSIP NUMBERS**

NOVEMBER 2019A BONDS

YEAR OF MATURITY	CUSIP NUMBER (452152)
2020	
2021	
2022	
2023	
2024	
2025	
2026	
2027	
2028	
2029	

NOVEMBER 2019B BONDS

YEAR OF MATURITY	CUSIP NUMBER (452152)
2030	
2031	
2032	
2033	
2034	
2035	
2036	
2037	
2038	
2039	

NOVEMBER 2019C BONDS

YEAR OF MATURITY	CUSIP NUMBER (452152)
2040	
2041	
2042	
2043	
2044	

[THIS PAGE INTENTIONALLY LEFT BLANK]

APPENDIX E

PENSION AND OTHER POST EMPLOYMENT BENEFITS

[THIS PAGE INTENTIONALLY LEFT BLANK]

APPENDIX E

PENSION AND OTHER POST EMPLOYMENT BENEFITS

GENERAL

The State provides funding for the Retirement Systems, which provide benefits upon retirement, death or disability to employees and beneficiaries. The Retirement Systems are, in order from largest to smallest membership: (i) the Teachers' Retirement System of the State of Illinois ("TRS"); (ii) the State Universities Retirement System of Illinois ("SURS"); (iii) the State Employees' Retirement System of Illinois ("SERS"); (iv) the Judges Retirement System of Illinois ("JRS"); and (v) the General Assembly Retirement System, State of Illinois ("GARS") (each a "Retirement System" and collectively, the "Retirement Systems").

To fund the benefits to be paid by a defined-benefit pension plan, both employees and employers make contributions to the plan's assets. Generally, employees contribute a fixed percentage of their annual salary, and employers contribute the additional amounts necessary, when combined with the projected investment earnings on plan assets, to pay the benefits under and the expenses of the pension plan. The necessary employer contributions to the Retirement Systems are calculated and recommended annually by an independent actuary based on State law requirements and certified by the Board of each Retirement System. See "—DETERMINATION OF EMPLOYER CONTRIBUTIONS." Information regarding the benefits provided by each Retirement System is available at the website for such system. See APPENDIX F—"WEBSITE INDEX."

For SERS, the State provides the majority of employer contributions for State employees combined with contributions from trust, federal and certain state grant funds. For GARS and JRS, the State provides the sole employer contribution to the Retirement Systems. For TRS, the State's contributions are combined with contributions from federal funds and the individual school districts (which employ the majority of TRS members), special districts and State agencies employing TRS members. For SURS, State contributions, combined with trust and federal funds and contributions from employers for employees paid from certain State grants and non-State funds, serve as the employer contribution. Public Act 100-0023 ("Public Act 100-23"), which became effective July 6, 2017, provides for additional contributions by TRS and SURS employers to such Retirement Systems in the future if an additional tier of benefits is implemented in the future. See "—2017 LEGISLATION MODIFYING PENSION STRUCTURE" herein.

Section 5 of Article XIII of the Illinois Constitution provides that "[m]embership in any pension or retirement system of the State, any unit of local government or school district, or any agency or instrumentality thereof, shall be an enforceable contractual relationship, the benefits of which shall not be diminished or impaired" (the "Pension Protection Clause"). The benefits available under the Retirement Systems accrue throughout the time a member is employed by an employer participating in one of the Retirement Systems. Although the benefits accrue during employment, certain age and service requirements must be achieved for retirement annuities, survivor annuities or death benefits to be paid to the employee or the employee's survivors and beneficiaries, if any, respectively.

State contributions to the Retirement Systems are made following appropriation by the General Assembly. The Board of each Retirement System is required, on or before November 1 of each year, to submit a proposed certification to the State Actuary of the amount necessary to pay the Required Annual Statutory Contribution (as defined below) for inclusion in the Governor's budget for the following fiscal year. On or before November 1 of each year, the Retirement Systems are required to prepare preliminary actuarial valuation reports. By January 1 of each year, the State Actuary is required to issue a report on such preliminary actuarial valuation reports, providing a review of the actuarial assumptions used in the

proposed certification by the Retirement Systems and recommend any changes for consideration. See “—RECENT REPORTS REGARDING THE RETIREMENT SYSTEMS—*State Actuary’s Fiscal Year 2018 Report.*” The Board of each Retirement System must consider all recommendations of the State Actuary prior to providing a final certification to the State of the Required Annual Statutory Contribution on or before January 15 of each year. This Official Statement reflects the most current, final reports of the Retirement Systems and Auditor General. Final comprehensive annual financial reports (“CAFRs”) of the Retirement Systems may be found at the Auditor General’s website. The final Actuarial Valuations (as defined herein) for Fiscal Year 2018 may be found at each Retirement System’s website. See APPENDIX F—WEBSITE INDEX. The Actuarial Valuations and CAFRs of the Retirement Systems for the fiscal year ended June 30, 2019 (“Fiscal Year 2019”) have not yet been released. The State expects that each of the Retirement Systems will release its Fiscal Year 2019 Actuarial Valuations in preliminary form by November 1, 2019. Following approval by the Boards of the Retirement Systems, such documents must be reviewed by the State Actuary before they are considered final. The Fiscal Year 2019 Actuarial Valuations will be available on the websites of the Retirement Systems when approved by the respective Retirement System Board.

In the event that the General Assembly fails to appropriate the amount certified by the Retirement Systems, the Pension Code (40 ILCS 5/ *et seq.*) and the State Pension Funds Continuing Appropriation Act (40 ILCS 15/ *et seq.*) require payments to be made by the Comptroller and the Treasurer to the Retirement Systems in amounts sufficient to meet the requirements of the Statutory Funding Plan (as defined herein). See “—DETERMINATION OF EMPLOYER CONTRIBUTIONS—*The Actuarial Valuation*” below. Despite the continuing appropriation, the possibility still exists that the Retirement Systems will not receive the required contribution when due because there could be insufficient funds available in the State’s General Funds. If such funds are not available, the State could fail to meet its payment obligation or be forced to make such payment from another source.

With the exception of a portion of payments that are made to SERS with each payroll voucher, the Retirement Systems submit monthly payment requests to the Comptroller, but the Comptroller is not required to make monthly payments upon receipt of the requests. During Fiscal Year 2019, some delays in the monthly payments occurred. The annual payments for Fiscal Year 2019 were paid in full by the end of the Fiscal Year 2019 lapse period. Delays also occurred in making monthly payments during Fiscal Year 2020. The State expects that any delayed payments for Fiscal Year 2020 will be made by the end of the Fiscal Year 2020 lapse period. If the full amount of Required Annual Statutory Contributions (as defined herein) is not paid in a timely manner, the Retirement Systems may be required to sell more assets than planned to pay benefits as they become due. Asset sales would reduce the amount of assets invested by the Retirement Systems and, as such, reduce the amount of investment income earned by the Retirement Systems in the future. For a description of the instances in which the Retirement Systems have been funded at less than the Actuarially Required Contribution (as defined herein) level, and the effect of a sale of the Retirement Systems’ assets to pay benefits, see “—HISTORY OF CONTRIBUTIONS TO THE RETIREMENT SYSTEMS.”

SOURCE INFORMATION

With regard to the following, except “Excluded Information” defined below, the information contained in this APPENDIX E relies on materials produced by the Retirement Systems, their independent accountants and their independent actuaries (the “Source Information”). The information in this APPENDIX E is presented on the basis of the Source Information. The State has not independently verified the Source Information and makes no representations nor expresses any opinion as to the accuracy of the Source Information. “Excluded Information” means information contained under the following sub-captions below: “—2010 LEGISLATION MODIFYING PENSION STRUCTURE,” “—2013 LEGISLATION MODIFYING PENSION STRUCTURE,” “—2017 LEGISLATION MODIFYING PENSION STRUCTURE,” “—RECENT REPORTS REGARDING THE RETIREMENT SYSTEMS,” “—SEC ORDER,” and “—PENSION DISCLOSURE POLICIES AND PROCEDURES.”

Furthermore, where tables in this disclosure present aggregate information regarding the Retirement Systems, specifically in Tables E-5 through E-15, such combined information results solely from the arithmetic calculation of numbers compiled from the Source Information.

The State is obligated to make contributions to the Retirement Systems as set forth in the Pension Code. See “—DETERMINATION OF EMPLOYER CONTRIBUTION” herein. In addition, the Retirement Systems’ members make contributions to the Retirement Systems from their salaries. For more information on the amount of contributions made by the State and Retirement System members in each of Fiscal Years 2014 through 2018, see Tables E-6 through E-10.

BACKGROUND INFORMATION REGARDING THE RETIREMENT SYSTEMS

As described above, the State provides funding for the five Retirement Systems. The following is a description of each Retirement System. Membership information and member contribution information for each Retirement System is presented at the end of this section in Table E-1.

The Teachers’ Retirement System, TRS, is a cost-sharing, multiple-employer, public employee defined-benefit pension plan that provides coverage to teachers employed by public school districts in the State (excluding teachers employed by Chicago Public Schools). TRS is governed by a 13-member Board of Trustees, consisting of the State Superintendent of Education, six trustees appointed by the Governor with the advice and consent of the Senate, four trustees elected by contributing TRS members, and two trustees elected by TRS annuitants. All trustees except for the State Superintendent of Education serve four-year staggered terms.

Although most of TRS’s covered employees are not employees of the State, approximately 95% of the employer funding for TRS is paid by the State. TRS receives contributions from 851 local school districts, 127 special districts and 12 other State agencies. To date, the contributions made by individual school districts, special districts and State agencies have been minimal. However, Public Act 100-23 requires certain additional contributions by such school districts. See “—2017 LEGISLATION MODIFYING PENSION STRUCTURE” herein.

The State Universities Retirement System, SURS, is a cost-sharing, multiple-employer, public employee defined-benefit pension plan. SURS provides coverage to faculty and staff of State universities, community colleges and related agencies. SURS is governed by an 11-member Board of Trustees, consisting of the Chairperson of the Illinois Board of Higher Education, four trustees appointed by the Governor with the advice and consent of the Senate, four trustees elected by contributing SURS members and two trustees elected by SURS annuitants. One appointed trustee position is currently vacant. All trustees except for the Chairperson of the Illinois Board of Higher Education serve six-year staggered terms.

SURS draws contributions from employees of nine universities, 39 community college districts and 13 other affiliated agencies. Public Act 100-23 will require the universities, community colleges and other affiliated agencies participating in SURS to contribute to SURS. See “—2017 LEGISLATION MODIFYING PENSION STRUCTURE” herein.

SURS also provides a public employee defined contribution plan, termed the “Self-Managed Plan.” In a defined contribution plan, the employee and the employer contribute specified amounts to the pension plan. These contributions, plus the investment earnings on the money in each employee’s account, represent the employee’s benefits under the plan. As opposed to defined-benefit plans which provide a predetermined level of benefits to the employee, the benefit in a defined contribution plan is not predetermined. The benefit is based on the individual account balance (consisting of contributions and investment returns thereon) available at retirement or termination. Members contribute 8.0% of their gross earnings and the State contributes 7.6% of payroll to provide employer contributions (of this amount, up to 1.0% is used to fund disability benefits).

The State Employees' Retirement System, SERS, is a single-employer, public employee defined-benefit pension plan. SERS provides benefits for most State employees not eligible for another State-sponsored retirement plan, as well as for certain employees appointed by the Governor and requiring confirmation by the Senate that elect to become members of SERS. SERS is governed by a 13-member Board of Trustees, consisting of the Comptroller, six trustees appointed by the Governor with the advice and consent of the Senate, four trustees elected by the SERS members, and two trustees elected by the SERS retirees. One appointed trustee position is currently vacant. All trustees except for the Comptroller serve five-year staggered terms.

Certain members of SERS are eligible for federal Social Security benefits. As of June 30, 2018, of active employees, 58,492 are coordinated with Social Security. All other active employees are not coordinated with Social Security.

The Judges' Retirement System, JRS, is a single-employer, public employee defined-benefit pension plan that covers judges, associate judges and, under certain conditions, the administrative director of the State courts. Participation by judges is mandatory unless a judge makes an election not to participate within 30 days of receipt of notice of the option not to participate. JRS is governed by a five-person Board of Trustees, consisting of the Treasurer, the Chief Justice of the Supreme Court, and three participating judges who are appointed by the Supreme Court. The three participating judges serve three-year terms.

The General Assembly Retirement System, GARS, is a single-employer, public employee defined-benefit pension plan that covers members of the General Assembly, State Constitutional Officers and, under certain circumstances, the Clerk and Assistant Clerk of the House and the Secretary and Assistant Secretary of the Senate. GARS is governed by a seven-member Board of Trustees, consisting of three members of the Senate appointed by the President of the Senate; three members of the House of Representatives appointed by the Speaker of the House; and one person elected from the member annuitants under rules prescribed by the Board of Trustees. All appointed trustees serve two-year terms while the elected trustee serves a four-year term.

With the exception of certain SERS members, as discussed above, and a small number of SERS members, members of the Retirement Systems do not participate in Social Security through their employment with an employer participating in a Retirement System.

As of June 30, 2018, the membership in each of the Retirement Systems and the required membership contributions as a percentage of member salary were as follows:

TABLE E-1 MEMBERSHIP AND MEMBER CONTRIBUTIONS

<u>Retirement System</u>	<u>Active Members</u>	<u>Inactive/ Entitled to Benefits</u>	<u>Retirees and Beneficiaries</u>	<u>Total</u>	<u>Member Contribution⁽¹⁾</u>
TRS	160,859	134,010	122,423	417,292	9.0%
SURS	62,844	82,115	66,169	211,128	8.0% - 9.5% ⁽²⁾
SURS/SMP ⁽³⁾	12,106	9,759	739	22,604	8.0%
SERS	61,397	3,925	73,179	138,501	4.0% - 12.5% ⁽⁴⁾
JRS	936	9	1,193	2,138	8.5% or 11% ⁽⁵⁾
GARS	132	52	417	601	9.5% or 11.5% ⁽⁶⁾
Total	298,274	229,870	264,120	792,264	

Source: CAFRs of the Retirement Systems as of June 30, 2018.

- (1) Represents the percentage of salary a member is required to contribute annually to the respective Retirement System under the Pension Code. Certain school districts provide for member contributions on behalf of their employees.
- (2) Most members contribute a total of 8.0% of pensionable pay. Police officers and firefighters contribute a total of 9.5% of pensionable pay.
- (3) The SURS/SMP refers to the SURS Self Managed Plan.
- (4) Members covered by Social Security contribute 4% of their salary if ineligible for an alternative benefits formula and 8.5% of salary if eligible for such a formula. Members not covered by Social Security contribute 8% of their salary if ineligible for an alternative benefits formula and 12.5% of salary if eligible for such a formula.
- (5) Members contribute 11.0% of their salaries, consisting of a retirement annuity (7.5%), an automatic annuity increase (1.0%) and a survivor's annuity (2.5%). Certain members may elect not to participate in the survivor's annuity and therefore contribute 8.5% of salary.
- (6) Members contribute 11.5% of their salaries, consisting of a retirement annuity (8.5%), an automatic annuity increase (1.0%) and a survivor's annuity (2.0%). Certain members may elect not to participate in the survivor's annuity and therefore contribute 9.5% of salary.

State law regulates the Retirement Systems' investments. The respective Boards of Trustees of TRS and SURS manage the investments of such Retirement Systems. The Illinois State Board of Investment manages the investments of SERS, JRS and GARS. Additional information on each Retirement System's investments and investment management may be found on such Retirement System's website provided in APPENDIX F—"WEBSITE INDEX."

DETERMINATION OF EMPLOYER CONTRIBUTIONS

Actuaries and the Actuarial Process

Under the Pension Code, the required employer contributions to the Retirement Systems are calculated and recommended by independent actuaries on an annual basis. Each Retirement System's actuary produces a report, certified by the board of such Retirement System, called the "Actuarial Valuation," in which the actuary reports in part on the Retirement System's assets, liabilities, and Required Annual Statutory Contribution for the following fiscal year. The Actuarial Valuation also includes financial reporting information prepared pursuant to applicable GASB pronouncements.

The Pension Code requires each Retirement System to produce an Actuarial Valuation for each fiscal year. Each Retirement System hires an actuary independent of the State to prepare its Actuarial Valuation. The Actuarial Valuations are publicly available and may be obtained from the respective Retirement Systems. See "—SOURCE INFORMATION."

The Required Annual Statutory Contribution is computed in accordance with the Pension Code and, more specifically, the Statutory Funding Plan, as hereinafter defined. The Statutory Funding Plan did not conform to the financial reporting standards promulgated by the Governmental Accounting Standards Board (“GASB”) previously in effect (such standards to be hereinafter described and defined as the Prior GASB Standards). The Prior GASB Standards required calculation of an “Actuarially Required Contribution”¹ which, as a result of the Statutory Funding Plan, differed from the Required Annual Statutory Contribution. The differences between the requirements of the Prior GASB Standards and the State’s statutory requirements are discussed in “—DETERMINATION OF EMPLOYER CONTRIBUTION—*Statutory Funding Plan Not in Accordance with GASB Standards.*”

The Actuarial Valuation

The primary purpose of the Actuarial Valuation is to determine the amount the State must contribute to each Retirement System in a given fiscal year to satisfy its current and future obligations to pay benefits to eligible members of the Retirement Systems as provided in the Pension Code (the “Required Annual Statutory Contribution”). Each Actuarial Valuation must be accompanied by a statement from an actuarial firm that, to the best of its knowledge, the Actuarial Valuation is complete and accurate and has been prepared in accordance with generally accepted actuarial principles and practices, with the Actuarial Standards of Practice issued by the Actuarial Standards Board, and with applicable statutes.

To determine the Required Annual Statutory Contribution, the actuary calculates both the “Actuarial Accrued Liability” and the “Actuarial Value of Assets.” To calculate the Actuarial Accrued Liability, the actuary uses a variety of demographic data about the Retirement System’s membership (such as employee age, salary and service credits), the benefit provisions of the Retirement System, and various assumptions (such as estimated salary increases, interest rates, employee turnover, retirement, mortality and disability rates) to estimate future benefit payments, which are then discounted using an assumed investment rate of return to determine the present value of future benefits (the “PV of Future Benefits”). The PV of Future Benefits is an estimate of the value of the benefits to all members as of the date of the Actuarial Valuation, and includes benefits not yet earned, but assumed to be earned, by members of the Retirement System. Beginning in Fiscal Year 2018, any changes in the State’s contributions to the Retirement Systems caused by a change in actuarial assumptions will be recognized in contributions over a five-year period. See “—ACTUARIAL ASSUMPTIONS” below. Using an actuarial cost method, the actuary allocates the PV of Future Benefits to past, current and future service for each member of the Retirement System. The portion of the PV of Future Benefits allocated to past service is referred to as the Actuarial Accrued Liability and the portion of the PV of Future Benefits allocated to current service is referred to as the “Normal Cost.” The Actuarial Value of Assets reflects the value of the investments and other assets held by the Retirement System. Various methods exist for calculating the Actuarial Value of Assets. For a discussion of these methods and assumptions used to calculate the Actuarial Accrued Liability and the Actuarial Value of Assets of the Retirement Systems, see “—ACTUARIAL METHODS” and “—ACTUARIAL ASSUMPTIONS” below.

Any shortfall between the Actuarial Value of Assets and the Actuarial Accrued Liability is referred to as the “Unfunded Actuarial Accrued Liability” or “UAAL.” The UAAL represents the portion of the Actuarial Accrued Liability that is not matched by current plan assets. In addition, the actuary will compute the “Funded Ratio,” which is the result obtained by dividing the Actuarial Value of Assets by

¹ The Prior GASB Standards refers to this concept as the Annual Required Contribution. In this Official Statement, this concept is referred to as the Actuarially Required Contribution and differs from the State’s statutorily defined concept of the Required Annual Statutory Contribution. The Actuarially Required Contribution, under the Prior GASB Standards is the amount required to pay the employer’s normal cost plus the cost to amortize the plan’s UAAL over a period of no more than 30 years. The method of determining the State’s Required Annual Statutory Contribution is put forth in the applicable statutes of the Illinois Pension Code (40 ILCS 5/) for each State Retirement System.

the Actuarial Accrued Liability. The Funded Ratio and the UAAL are used to measure the financial health of a pension plan. An increasing UAAL or a decreasing Funded Ratio from year to year may signal a deterioration in the financial health of a pension plan because it indicates the incurrence of additional liability without a corresponding increase in assets necessary to pay those additional liabilities. Conversely, a decreasing UAAL or an increasing Funded Ratio may indicate an improvement in the financial health of a pension plan because such a change reflects a closing gap between the liabilities accrued by the pension plan and the assets necessary to pay those liabilities when they become due. A 100% Funded Ratio means existing actuarial assets are sufficient to pay the present value of projected benefits earned as of the valuation date.

The actuaries use the Actuarial Accrued Liability, the Actuarial Value of Assets and the UAAL to compute the Required Annual Statutory Contribution for each Retirement System in accordance with the Pension Code. The Pension Code sets forth the manner of calculating the Required Annual Statutory Contribution under the Statutory Funding Plan. The Statutory Funding Plan requires the State to contribute annually an amount equal to a level percent of payroll necessary to allow each Retirement System to achieve a 90% Funded Ratio by Fiscal Year 2045, subject to any revisions necessitated by actuarial gains or losses, or actuarial assumptions.

In addition, beginning with the fiscal year ended June 30, 2014, the Actuarial Valuation includes the financial reporting information required by the New GASB Standards, as defined and described in the succeeding section hereof.

GASB Financial Reporting Standards

GASB promulgates standards for financial reporting with respect to financial statements prepared by public pension systems and governments sponsoring such pension systems. Although the Retirement Systems' actuaries utilize these standards in preparing certain aspects of the Actuarial Valuation, such standards do not impact the calculation of the State's contribution to the Retirement Systems which is determined pursuant to the Statutory Funding Plan.

At present, several GASB standards apply to preparing financial reports with respect to defined benefit pension plans, specifically: GASB Statement No. 67 (Financial Reporting for Pension Plans) ("GASB 67") which replaced GASB Statement No. 25 (Financial Reporting for Defined Benefit Pension Plans) ("GASB 25"), and GASB Statement No. 68 (Accounting and Financial Reporting for Pensions) ("GASB 68" and, together with GASB 67, the "New GASB Standards") which replaced GASB Statement No. 27 (Accounting for Pensions by State and Local Government Employers) ("GASB 27" and, together with GASB 25, the "Prior GASB Standards"), beginning with the fiscal year ended June 30, 2015. GASB 25 and GASB 67 establish standards for financial reporting by pension plans and GASB 27 and GASB 68 establish standards for financial reporting by the governments sponsoring such pension plans. GASB 67 and GASB 68, were approved by GASB on June 25, 2012. GASB 67 is applicable to fiscal years beginning after June 15, 2013. GASB 68 is applicable to fiscal years beginning after June 15, 2014. The New GASB Standards have subsequently been modified by GASB Statement No. 71 (Pension Transition for Contributions Made Subsequent to the Measurement Date) and GASB Statement No. 73 (Accounting and Financial Reporting for Pensions and Related Assets).

The system of financial reporting established by the Prior GASB Standards measured the funding of pension plans through the calculation of the Actuarially Required Contribution and a comparison of the contributions actually made by an employer during a given period to such Actuarially Required Contribution for such period. The calculation of the Actuarially Required Contribution pursuant to the Prior GASB Standards differs in several ways from the calculation of contributions under the Statutory Funding Plan. The differences between the Statutory Funding Plan and the Prior GASB Standards are described in "*—Statutory Funding Plan Not in Accordance with Prior GASB Standards*" below.

Unlike the Prior GASB Standards, the New GASB Standards do not establish approaches to funding pension plans. Instead, the New GASB Standards provide standards solely for financial reporting and accounting related to pension plans. The New GASB Standards require that the Net Pension Liability (as described below) be disclosed in the notes to the financial statements of the pension system and that a proportionate share of the Net Pension Liability be recognized on the balance sheet of the employer. In addition, the New GASB Standards require an expense (the “Pension Expense”) to be recognized on the income statement. The recognition of the Net Pension Liability and the Pension Expense do not measure the manner in which a pension plan is funded. As such, the New GASB Standards do not conflict with the manner of funding established in the Statutory Funding Plan.

However, certain of the actuarial assumptions and actuarial methods required by the New GASB Standards differ from those used by the Retirement Systems in preparing their Actuarial Valuations. For example, the New GASB Standards require the Retirement Systems to value their assets at the fair market value of such assets on the valuation date, whereas the Pension Code requires the Retirement Systems to use the Asset Smoothing Method (as defined herein) to value their assets for purposes of determining the State’s contribution. See “ACTUARIAL METHODS—*Actuarial Value of Assets*” herein. In addition, the New GASB Standards require use of the EAN Method (as defined herein) to calculate the liability of each Retirement System, whereas the Pension Code requires the Retirement Systems to use the PUC Method (as defined herein) for such calculations. See “ACTUARIAL METHODS—*Actuarial Accrued Liability*” herein. Finally, the calculated Discount Rate (as hereinafter defined) used to discount the liabilities of each Retirement System under the New GASB Standards may differ from assumed investment rate of return assumptions separately established by the boards of each of the Retirement Systems. See “ACTUARIAL ASSUMPTIONS—*Assumed Investment Rate of Return*” herein.

Statutory Funding Plan Not in Accordance with Prior GASB Standards

The method of amortizing the UAAL used by the Statutory Funding Plan does not conform with the provisions of the Prior GASB Standards, particularly GASB 25. The provisions of the Statutory Funding Plan differ from those generally accepted accounting principles formerly required by GASB 25 in two significant respects.

First, the goal of the Statutory Funding Plan is to amortize the portion of the UAAL necessary for the Retirement Systems’ Funded Ratio to reach 90% over a 50-year closed period, commencing in Fiscal Year 1996 and ending in Fiscal Year 2045, whereas GASB 25 allowed amortization of the entire UAAL over a 30-year open or closed amortization period. Second, the Statutory Funding Plan allowed the State to contribute less than the level percent of payroll necessary to reach the desired funding level for the first 15 years of the Statutory Funding Plan (the “ramp-up” period discussed below, which ended at the conclusion of Fiscal Year 2010). In contrast, GASB 25 did not permit a ramp-up to full contributions.

A closed amortization period means that the UAAL is amortized over a fixed number of years such that the UAAL will decrease to a legally defined target (which, for the State, is a 90% Funded Ratio in accordance with the Statutory Funding Plan) upon the passage of the amount of time established as the amortization period (which, for the State, is the number of years between the current period and 2045 in accordance with the Statutory Funding Plan), provided required payments are made. For example, under the Statutory Funding Plan, a 30-year amortization period was used to calculate the Required Annual Statutory Contribution for Fiscal Year 2016, while a 29-year amortization period was used to calculate the Required Annual Statutory Contribution for Fiscal Year 2017. Conversely, an open amortization period has no term limit and is therefore recalculated over the full period (generally 30 years) each time a valuation is performed. Assuming that the time periods are the same at the beginning of an amortization, amortizing through use of a closed period will have the effect of decreasing the UAAL at a greater rate than an open amortization period and, in the case of the State, will allow the State to reach its funding target by Fiscal Year 2045, provided that all required contributions are made. The actual results of both

an open or closed amortization schedule will be impacted by any changes in actuarial assumptions and/or the performance of the asset portfolio.

These differences between GASB 25 and the Statutory Funding Plan account for the variation between the Required Annual Statutory Contribution and the Actuarially Required Contribution. See “—FUNDED STATUS” below. As a result, the Required Annual Statutory Contribution determined by the Retirement Systems’ actuaries, while in conformity with State law, historically was less than the contribution that would otherwise have been determined in accordance with GASB 25 (the “Actuarially Required Contribution”). The Actuarially Required Contribution calculated pursuant to the Prior GASB Standards consisted of three components: (1) the Normal Cost, (2) an amortized portion of the UAAL sufficient to eliminate the UAAL over a period of time (as described in “—ACTUARIAL METHODS—*Actuarial Accrued Liability*”), and (3) one year’s interest, calculated at the Assumed Actuarial Rate, on the unfunded pension liability. As discussed above, the Statutory Funding Plan requires the determination of the Required Annual Statutory Contribution by calculation of a level percent of payroll necessary to reach a 90% Funded Ratio by Fiscal Year 2045 and does not require elimination of the entire UAAL.

ACTUARIAL METHODS

The Retirement Systems use the following actuarial methods to calculate the Actuarial Value of Assets and the Actuarial Accrued Liability.

Actuarial Value of Assets

Prior to Fiscal Year 2009, the State valued assets at fair value, recognizing all investment gains and losses as they occurred. The Actuarial Value of Assets is a measure of the value of the assets available in the pension plan to pay benefits. Beginning with Fiscal Year 2009, the State recognizes actuarial investment gains and losses on such assets equally over a five-year period when determining the Actuarial Value of Assets. This method of valuation is called the “Asset Smoothing Method.” Under the Asset Smoothing Method, the State will recognize in the current year 20% of the investment gain or loss incurred in each of the previous five years. State law provides for application of the Asset Smoothing Method prospectively, beginning with Fiscal Year 2009. The Asset Smoothing Method, which is an approved method for determining the Actuarial Value of Assets under the Prior GASB Standards but is not an approved method under the New GASB Standards (which require calculation of the Actuarial Value of Assets at fair market value), is intended to mitigate against extreme fluctuations in the Actuarial Value of Assets, the UAAL, the Funded Ratio, and the Required Annual Statutory Contribution that may otherwise occur as a result of market volatility. Because asset smoothing recognizes each year’s gains and losses over a five-year period, the current Actuarial Value of Assets does not reflect the fair value of such assets at the time of measurement. As a result, the Actuarial Value of Assets as determined under the Asset Smoothing Method most likely will differ from the value of such assets pursuant to a valuation method that immediately recognizes investment gains and losses annually.

Actuarial Accrued Liability

As described above, the actuary for a Retirement System uses an actuarial cost method in calculating the Actuarial Accrued Liability and the Normal Cost. While actuarial cost methods differ, all are based on the concept that the funding of benefits should occur as benefits are earned by active members of a Retirement System. Different actuarial cost methods will produce different contribution patterns, but such actuarial cost methods will not change the actual cost of the benefits.

The Pension Code requires that the Actuarial Accrued Liability of the Retirement Systems be calculated pursuant to the projected unit credit actuarial cost method (the “PUC Method”), which was an approved actuarial cost method under the Prior GASB Standards. The Prior GASB Standards also authorized the use of the entry age normal actuarial cost method (the “EAN Method”) instead of the PUC Method. The EAN Method is the actuarial cost method required by the New GASB Standards.

The PUC Method allocates the PV of Future Benefits based on the service credits of each member of a Retirement System. In contrast, under the EAN Method, the Normal Cost rate for each member is developed as the level percent of payroll that, if applied to the member's pay each year and contributed over the member's expected career, would fully fund the member's PV of Future Benefits. The EAN Method is designed to produce a Normal Cost that is stable in amounts that increase at the same rate as the employer's payroll, whereas the PUC Method results in a Normal Cost that tends to increase at a greater rate than the employer's payroll.

Considered independently of other factors, use of the EAN Method results in higher contribution rates associated with the earlier years of employment for active employees, when compared to the PUC Method. This allows a Retirement System to accumulate greater investment returns throughout the careers of such employees and results in lower aggregate employer contributions in the long-term. In contrast, use of the PUC Method tends to result in lower contribution rates in the earlier years of employment for active employees and, therefore, a slower accumulation of assets and rising, rather than level, contribution rates when compared to the EAN Method. Such differences between the PUC Method and the EAN Method result from the fact that the PUC Method allocates a higher portion of retirement costs closer to retirement, while the EAN Method spreads those costs evenly as a percentage of pay over the member's period of employment.

ACTUARIAL ASSUMPTIONS

General

The Actuarial Valuations of the Retirement Systems use a variety of assumptions to calculate the Actuarial Accrued Liability and the Actuarial Value of Assets. Although several of the assumptions are the same across all of the Retirement Systems, each Retirement System determines, within actuarial standards, the assumptions to be used in its Actuarial Valuation. The specific assumptions used by a Retirement System can have a substantial impact on the UAAL, the Net Pension Liability, the Funded Ratio and the State's required contribution to the Retirement System. No assurance can be given that any of the assumptions underlying the Actuarial Valuations will reflect the actual results experienced by the Retirement Systems. Variances between the assumptions and actual results will cause an increase or decrease in the Actuarial Value of Assets, the Actuarial Accrued Liability, the UAAL, the Funded Ratio or the Actuarially Required Contribution. Certain of these assumptions are summarized in Table E-2. For additional information on these assumptions, please see each Retirement System's Actuarial Valuation.

**TABLE E-2 - CERTAIN ACTUARIAL ASSUMPTIONS USED
BY THE RETIREMENT SYSTEMS**

	<u>TRS</u>	<u>SURS</u>	<u>SERS</u>	<u>GARS</u>	<u>JRS</u>
	Projected Unit	Projected Unit	Projected Unit	Projected Unit	Projected Unit
	Credit	Credit	Credit	Credit	Credit
Actuarial Cost Method ⁽¹⁾					
Investment Rate of Return	7.00%	6.75%	7.00%	6.75%	6.75%
Assumed Inflation Rate	2.50%	2.25%	2.50%	2.50%	2.50%
Post-Retirement Increase (Tier 1) ⁽²⁾	3.00%	3.00%	3.00%	3.00%	3.00%
Projected Salary Increases	Various ⁽³⁾	3.25% to 12.25% ⁽⁴⁾	Various ⁽⁵⁾	2.75% ⁽⁶⁾	2.75% ⁽⁶⁾

Source: Actuarial Valuations of the Retirement Systems as of June 30, 2018.

- (1) Under the projected unit credit actuarial cost method, the actuarial liability is the actuarial present value of that portion of a participant's projected benefit that is attributable to service to date on the basis of future compensation projected to retirement. The Normal Cost represents the actuarial present value of the participant's projected benefit that is attributable to service in the current year, again based on future compensation projected to retirement.
- (2) All values are compounded.
- (3) Compensation is assumed to increase between 4.00% and 9.50% based on years of service. Of these increases, 2.50% represents inflation adjustments and 0.75% represents real wage growth.
- (4) Each member's compensation is assumed to increase by 3.25% each year, 2.25% reflecting salary inflation and 1.00% reflecting standard of living increases. For members with less than 34 years of service, an additional projected salary increase factor is added to the assumed rate.
- (5) Assumed rates of increase vary by age and include an inflation component of 2.50%.
- (6) Consists of an inflation component of 2.50% and a productivity/merit/promotion component of 0.25%.

The Pension Code requires each of the Retirement Systems to conduct an actuarial experience review every three years. GARS, JRS and SERS last conducted an actuarial experience review based on the three-year period ending June 30, 2018. TRS last conducted an experience review in preparation of the Actuarial Valuation for the Fiscal Year ended June 30, 2018. SURS recently concluded an experience study based on the four-year period ended June 30, 2017. The purpose of the experience review is to determine the reasonableness of the actuarial assumptions regarding mortality, retirement, disability, employment, turnover, interest and earnable compensation of the members and beneficiaries of the Retirement Systems. Pursuant to the passage of Public Act 97-694, the State Actuary is required to review and deliver a report to the Boards regarding the reasonableness of the actuarial assumptions contained in the Actuarial Valuations of the Retirement Systems. Based upon the results of this review, the board of the applicable Retirement System may revise such actuarial assumptions as it deems appropriate. The most recent report of the State Actuary, with respect to the fiscal year ended June 30, 2018, is discussed under “—RECENT REPORTS REGARDING THE RETIREMENT SYSTEMS—*State Actuary's Fiscal Year 2018 Report.*”

Public Act 100-23 provides that, beginning in Fiscal Year 2018, changes to the amount of the State's contributions to the Retirement Systems caused by a change in the actuarial assumptions of a Retirement System will be recognized over a period of five years. This requirement applies retroactively to any changes in actuarial assumptions made since the Actuarial Valuation for the Fiscal Year ended June 30, 2012, for the Fiscal Year 2014 State contribution, and prospectively for any changes in assumption made beginning with the Fiscal Year 2016 Actuarial Valuation (for the Fiscal Year 2018 State contribution to the Retirement Systems). See “—2017 LEGISLATION MODIFYING PENSION STRUCTURE” herein.

Assumed Investment Rate of Return

The Actuarial Valuations assume an investment rate of return on the assets in each Retirement System. For the Fiscal Year ending June 30, 2009, each Retirement System assumed an investment rate of return of either 8.00% or 8.50%. Each Retirement System has since reduced its respective investment rate of return. TRS reduced its respective investment rate of return assumptions to 7.00%, and GARS and JRS reduced their respective investment rate of return assumptions to 6.75% for Fiscal Year 2016. SURS reduced its assumed investment rate of return to 6.75% for Fiscal Year 2018. SERS, JRS and GARS recently reduced their assumed investment rates of return to 6.75%, 6.50% and 6.50% respectively, each

such reduction becoming effective beginning with the Actuarial Valuation to be performed for Fiscal Year 2020. According to a February 2019 National Association of Retirement Administrators report on public pension plan assumptions, the national median assumed rate of return for public pension plans is 7.25%. The reductions previously approved by the Retirement Systems have the effect of increasing the UAAL and the Required Annual Statutory Contribution as the Retirement Systems assume that plan assets will produce less income to pay projected benefits. Due to the volatility of the marketplace, however, the actual rate of return earned by the Retirement Systems on their assets may be higher or lower than the assumed rate. See Table E-3 for the rates of return on the Retirement Systems' assets for the last ten fiscal years. Changes in the Retirement Systems' assets as a result of market performance will lead to an increase or decrease in the UAAL and the Funded Ratio. As a result of the State's adoption of the Asset Smoothing Method, however, only a portion of these increases or decreases will be recognized in the current year, with the remaining actuarial gain or loss spread over the remaining four years. See "—ACTUARIAL METHODS—Actuarial Value of Assets" above.

The assumed investment rates of return utilized by the Retirement Systems complied with the requirements of the Prior GASB Standards. The New GASB Standards similarly employ a rate, referred to in such statements as the "Discount Rate," which is used to discount the projected benefit payments to current participants to be made by the Retirement Systems to their actuarial present values. The Discount Rate may be a blended rate comprised of (1) a long-term expected rate of return on a Retirement System's investments (to the extent that such assets are projected to be sufficient to pay benefits) and (2) a tax-exempt municipal bond rate meeting certain specifications set forth in the New GASB Standards. Therefore, in certain cases in which the assets of a Retirement System are not expected to be sufficient to pay the projected benefits of such Retirement System, the Discount Rate calculated pursuant to the New GASB Standards may be lower than the investment rate of return established by the Retirement System when reporting pursuant to the Prior GASB Standards, which will have the effect of increasing the Net Pension Liability of such Retirement System relative to the Net Pension Liability of such Retirement System calculated under the rate determined pursuant to the Prior GASB Standards. See "—NET PENSION LIABILITY" herein for information regarding the sensitivity of the Net Pension Liability to changes in the Discount Rate.

Adverse market conditions resulted in negative investment returns on the Retirement Systems' assets in Fiscal Years 2008 and 2009, resulting in a significant reduction in the Funded Ratio and a corresponding increase in the UAAL. No assurance can be given that negative trends in investment performance will not occur again in subsequent fiscal years, thereby resulting in a reduction in the Funded Ratio and a corresponding increase in the UAAL when considered independently of other factors.

TABLE E-3 - INVESTMENT RATES OF RETURN, FISCAL YEARS 2009-2018

Fiscal Year	<u>TRS</u>		<u>SURS</u>		<u>SERS</u>		<u>GARS</u>		<u>JRS</u>	
	<i>Assumed</i>	<i>Actual</i>	<i>Assumed</i>	<i>Actual</i>	<i>Assumed</i>	<i>Actual</i>	<i>Assumed</i>	<i>Actual</i>	<i>Assumed</i>	<i>Actual</i>
2009	8.50%	-22.7%	8.50%	-19.7%	8.50%	-20.1%	8.00%	-20.1%	8.00%	-20.1%
2010	8.50%	12.9%	7.75%	15.0%	7.75%	9.1%	8.00%	9.1%	7.00%	9.1%
2011	8.50%	23.6%	7.75%	23.8%	7.75%	21.7%	7.00%	21.7%	7.00%	21.7%
2012	8.00%	0.8%	7.75%	0.5%	7.75%	0.1%	7.00%	0.1%	7.00%	0.1%
2013	8.00%	12.8%	7.75%	12.5%	7.75%	14.1%	7.00%	14.1%	7.00%	14.1%
2014	7.50%	17.4%	7.25%	18.2%	7.25%	17.9%	7.00%	17.9%	7.00%	17.9%
2015	7.50%	4.0%	7.25%	2.9%	7.25%	4.7%	7.00%	4.7%	7.00%	4.7%
2016	7.00%	0.0%	7.25%	0.2%	7.00%	-0.8%	6.75%	-0.8%	6.75%	-0.8%
2017	7.00%	12.6%	7.25%	12.2%	7.00%	12.3%	6.75%	12.3%	6.75%	12.3%
2018	7.00%	8.5%	6.75%	8.2%	7.00%	7.6%	6.75%	7.6%	6.75%	7.6%
5-Yr. Avg. Geometric Return		8.3%		8.1%		8.2%		8.2%		8.2%
10-Yr Avg. Geometric Return		6.2%		6.7%		6.0%		6.0%		6.0%

Source: CAFRs of the Retirement Systems for the fiscal years ending June 30, 2009 through June 30, 2018.

HISTORY OF CONTRIBUTIONS TO THE RETIREMENT SYSTEMS

Under the Pension Code, the State is required to make the Required Annual Statutory Contribution in each fiscal year.

The General Assembly and Governor enacted the Pension Funding Act in 1994. The Pension Funding Act created a 50-year schedule of State contributions to the Retirement Systems designed to achieve a 90% Funded Ratio by the end of Fiscal Year 2045 (the “Statutory Funding Plan”). In each fiscal year beyond Fiscal Year 2045, the Pension Funding Act requires that the State annually contribute the amount necessary to maintain the Funded Ratio at 90% for each Retirement System.

The Statutory Funding Plan consists of two parts: (i) a ramp-up period of increasing State contributions as a percentage of payroll in each of the Fiscal Years 1996 to 2010 and (ii) a period of contributions equal to the level percent of payroll necessary to cause the assets of the Retirement Systems to equal 90% of the total Actuarial Accrued Liability by the end of Fiscal Year 2045. The level percent of payroll is revised and adjusted each year based on modifications to the actuarial assumptions and changes in the Actuarial Value of Assets. During the ramp-up period, the Statutory Funding Plan required that the percentage of payroll contributed by the State increase by an equal amount in each year such that, by Fiscal Year 2010, the contribution percentage of payroll was equal to the same percentage of payroll required to be contributed for years 2011 through 2045.

The State made the Required Annual Statutory Contribution for each of Fiscal Years 1996 through 2002. These contributions were not sufficient to cover the full Normal Cost and interest, determined pursuant to the Prior GASB Standards, for such fiscal years. As a result, the UAAL continued to grow during the ramp-up period. See “—DETERMINATION OF EMPLOYER CONTRIBUTIONS—*Actuaries and the Actuarial Process*” and “—DETERMINATION OF EMPLOYER CONTRIBUTION—*Statutory Funding Plan Not in Accordance with GASB Standards*” above.

On June 12, 2003, the State issued \$10 billion of general obligation pension funding bonds (the “2003 Pension Bonds”) pursuant to authority granted by the General Assembly in Public Act 93-0002 (the “2003 Pension Bond Act”). The net proceeds of the 2003 Pension Bonds were used to (i) reimburse the State’s General Revenue Fund for \$300 million of the Required Annual Statutory Contribution made for

Fiscal Year 2003, (ii) provide funding to the State’s General Revenue Fund for the full Fiscal Year 2004 Required Annual Statutory Contribution in the amount of \$1.86 billion and (iii) fund a portion of the UAAL in the amount of \$7.3 billion in Fiscal Year 2004. As a result, the State funded approximately 25% of its Fiscal Year 2003 Required Annual Statutory Contribution and all of its Fiscal Year 2004 Required Annual Statutory Contribution from the proceeds of the 2003 Pension Bonds and not from the General Revenue Fund. The 2003 Pension Bond Act also provided that, beginning in Fiscal Year 2005, the State’s Required Annual Statutory Contributions in each fiscal year during which the 2003 Pension Bonds are outstanding may not exceed the Required Annual Statutory Contribution for each Retirement System that would have been required if the System had not received any payments from the proceeds of the 2003 Pension Bonds less the portion of the State’s total debt service payments on the 2003 Pension Bonds allocated to such Retirement System based on the total moneys distributed to such Retirement System from the proceeds of the 2003 Pension Bonds (the “2003 Pension Bond Limitation”). See Table E-4 below for a schedule of the remaining annual debt service payments on the 2003 Pension Bonds.

The \$7.3 billion contribution from the proceeds of the 2003 Pension Bonds directly reduced the UAAL, and, therefore, reduced future contributions from the levels that would have been required if the bond proceeds had not been used as additional contributions. The reduction of future Required Annual Statutory Contributions by the debt service payments on the 2003 Pension Bonds had the effect of increasing the UAAL, however, because the State does not make the full contribution originally required by the Statutory Funding Plan as a result of this reduction. At the time of the issuance of the 2003 Pension Bonds, the State assumed that the investment returns made on the 2003 Pension Bond proceeds used to reduce the UAAL would be greater than the debt service on the 2003 Pension Bonds, creating a net decrease in the UAAL in each year. The total interest cost percentage of the 2003 Pension Bond proceeds at the date of issuance was 5.05%. Therefore, in any year that actual investment returns, measured in dollars, exceed debt service payments on the 2003 Pension Bonds for such year, the UAAL is reduced from what the UAAL would have been in the absence of the issuance of the 2003 Pension Bonds. Conversely, in those fiscal years in which actual investment returns, measured in dollars, are less than debt service payments on the 2003 Pension Bonds, the UAAL is increased from what the UAAL would have been in the absence of the issuance of the 2003 Pension Bonds. The Retirement Systems’ investment rates of return for Fiscal Years 2009 through 2018 are set forth in Table E-3. The State’s future debt service requirements with respect to the 2003 Pension Bonds are set forth in Table E-4. No assurance can be given that future investment trends or legislation affecting the Statutory Funding Plan will not occur, causing further change in the UAAL.

TABLE E-4 - DEBT SERVICE ON 2003 PENSION BONDS ⁽¹⁾

FISCAL YEAR	DEBT SERVICE DUE ON 2003 PENSION BONDS	FISCAL YEAR	DEBT SERVICE DUE ON 2003 PENSION BONDS
2019	633.2	2027	\$ 936.1
2020	674.6	2028	979.2
2021	713.4	2029	1,018.5
2022	749.8	2030	1,079.0
2023	783.7	2031	1,134.4
2024	840.2	2032	1,159.7
2025	892.2	2033	1,156.1
2026	915.4		

(1) In millions of dollars.

In Fiscal Year 2005, the State made the Required Annual Statutory Contribution, which included a reduction by an amount equal to the debt service due on the 2003 Pension Bonds in that year. The UAAL increased in 2005 despite the State making the full Required Annual Statutory Contribution because the Required Annual Statutory Contribution was less than the Normal Cost plus interest.

State contributions to the Retirement Systems for Fiscal Years 2006 and 2007 were governed by the provisions of Public Act 94-0004 (“PA 94-4”). PA 94-4 modified the Statutory Funding Plan to specify reduced Required Annual Statutory Contributions for these two fiscal years. These reduced contributions were also lower than the Actuarially Required Contributions for such fiscal years. Under the provisions of the Statutory Funding Plan as originally constituted in the Pension Funding Act, the State would have been required to contribute \$2.12 billion in Fiscal Year 2006 and \$2.51 billion in Fiscal Year 2007. PA 94-4 reduced these contributions to \$0.94 billion and \$1.37 billion, respectively, which represented reductions of 55.7% and 45.3%, respectively. The contribution reductions required by PA 94-4 had the dual effect of increasing the UAAL and delaying payment of the deferred portion of the contribution to a future fiscal year.

The State made the full Required Annual Statutory Contributions for Fiscal Years 2008 and 2009 subject to the 2003 Pension Bond Limitation. The UAAL increased despite the State making the Required Annual Statutory Contributions under the Statutory Funding Plan because actual investment returns were below rate of return assumptions and the annual contributions were below the Normal Cost plus interest.

With respect to the State’s contribution to the Retirement Systems for Fiscal Year 2010, pursuant to authorization under Public Act 96-0043 (the “2010 Pension Bond Act”), the State issued \$3.47 billion of general obligation pension funding bonds (the “2010 Pension Bonds”) to fund a portion of the Fiscal Year 2010 Required Annual Statutory Contribution. With respect to the State’s contribution to the Retirement Systems for Fiscal Year 2011, the State issued \$3.7 billion in general obligation pension funding bonds (the “2011 Pension Bonds”), pursuant to the authorization under PA 96-1497 (the “2011 Pension Bond Act”), to fund a portion of the Required Annual Statutory Contribution for Fiscal Year 2011. Neither the 2010 Pension Bond Act nor the 2011 Pension Bond Act contain provisions having an effect similar to that of the 2003 Pension Bond Limitation. In Fiscal Years 2010 and 2011, the UAAL increased even though the State made the Required Annual Statutory Contributions because such contributions were lower than the Normal Cost plus interest.

The State made all required payments to the Retirement Systems during Fiscal Years 2012 through 2019 although certain portions of the required payments were not made monthly or were made during the two month “lapse period” which starts on July 1 of the following Fiscal Year. The State expects to make all required Fiscal Year 2020 payments to the Retirement Systems by the end of the 2020 lapse period. Despite the State making all such required payments, the UAAL of the Retirement Systems continued to increase during this period of time as a result of a variety of factors including contributions being lower than Normal Cost plus interest, investment returns lower than the assumed investment rate of return, and changes in actuarial assumptions. The Retirement Systems have sold assets from time to time to pay benefits as a result of a deficit between the contributions actually received by the Retirement Systems and their annual expenditures, including benefit payments, and as a means of managing cash flow delays. Failure by the State to make its payments to the Retirement Systems on a timely basis can exacerbate the pace at which the Retirement Systems may be required to sell assets to meet benefit payment requirements. If such assets are not replaced, the Actuarial Value of Assets will decrease and the UAAL and future Required Annual Statutory Contributions will increase because the Retirement Systems will no longer have those assets, or the investment earnings on those assets, to pay benefits in the future.

Pursuant to the Statutory Funding Plan, commencing with Fiscal Year 2011, the State is required to make contributions to the Retirement Systems at the level percentage of payroll necessary to increase the Funded Ratio to 90% by the end of Fiscal Year 2045. The State’s ability to make the required contributions under the Statutory Funding Plan is subject to the State having the funds necessary to make

the contributions required under the plan. The availability of such funds will require funded appropriations and the availability of sufficient revenues to the Retirement Systems by the State or the issuance of additional pension obligation bonds. No assurances can be given that the State will have the revenues necessary to fund the Retirement Systems from continuing operations, that payments from revenues will be made to the Retirement Systems or that such bonds will be issued. If the State for any reason does not contribute the Required Annual Statutory Contribution in any fiscal year, and it does not contribute the shortfall between the actual contribution and the Required Annual Statutory Contribution in a subsequent fiscal year, the Funded Ratio will decrease and it is unlikely that the State will be able to achieve a 90% Funded Ratio by the end of Fiscal Year 2045. If the State issues additional pension obligation bonds to make the Required Annual Statutory Contribution in any year and reduces future Required Annual Statutory Contributions by the amount of the debt service on such bonds, the UAAL will increase by the amount of such debt service. No assurance can be given that the State will not, through legislative action, subsequently modify the amount to be contributed in any given year.

Table E-5 shows the State's Actuarially Required Contributions (for fiscal years 2008 through 2015 for each of the Retirement Systems except TRS, and fiscal years 2008 through 2016 for TRS) and the ADC (as hereinafter defined) (for fiscal years 2016, 2017 and 2018 for each of the Retirement Systems except TRS, and fiscal years 2017 and 2018 for TRS) along with the percentage of those contributions actually made in each of 2009 through 2018.

TABLE E-5 - HISTORY OF STATE CONTRIBUTIONS ⁽¹⁾

Fiscal Year	Amount Contributed⁽²⁾	Actuarially Required Contribution or ADC	Percentage Contributed
2009	\$2,891.9	\$4,076.4	70.9%
2010	4,130.9	4,786.8	86.3%
2011	4,298.6	5,906.6	72.8%
2012	5,012.8	6,609.6	75.8%
2013	5,893.9	7,015.3	84.0%
2014	6,944.7	7,752.0	89.6%
2015	7,020.1	7,896.8	88.9%
2016 ⁽³⁾	7,501.9	8,388.4	89.4%
2017 ⁽³⁾	7,803.6	10,422.7	74.9% ⁽⁴⁾
2018 ⁽³⁾	7,788.9	11,882.4	65.5%

Source: Comprehensive Annual Financial Reports of the Retirement Systems for the fiscal years ending June 30, 2008 through June 30, 2018.

(1) In millions of dollars.

(2) Includes all State funds. TRS also includes local employers and federal funds that count towards the Actuarially Required Contribution (ARC).

(3) As described under the heading “DETERMINATION OF EMPLOYER CONTRIBUTIONS—GASB Financial Reporting Standards,” the New GASB Standards no longer require the calculation of the Actuarially Required Contribution. Under the New GASB Standards, the Board of a Retirement System calculates an Actuarially Determined Contribution (“ADC”) on a basis set forth in its Actuarial Valuation. Prior to the fiscal year ended June 30, 2016 (June 30, 2017 for TRS), the Retirement Systems used the Actuarially Required Contribution as the ADC. Beginning with the fiscal year ended June 30, 2016 (June 30, 2017 for TRS), the Actuarial Valuations of the Retirement Systems included an ADC which amortizes the UAAL of the respective Retirement System over a fixed period of time as opposed to the open 30-year amortization period used to calculate the Actuarially Required Contribution. For the fiscal year ended June 30, 2018, the remaining amortization periods (with the original amortization period provided in parentheses) used in calculating the ADCs of the individual Retirement Systems were as follows: TRS: 19 years (20 years); SURS: 27 (30 years); SERS: 22 years (25 years); JRS: 22 years (25 years); and GARS: 17 years (20 years). Future gains and losses will be amortized over subsequent original amortization periods. As a result of the differences in the calculation of the ADC and the Actuarially Required Contribution discussed in this note, the ADC for the fiscal year ended June 30, 2018 would exceed the amount of the Actuarially Required Contribution had it been calculated, and, as a result, the percentage of the ADC contributed is lower than the percentage of the Actuarially Required Contribution would have been had it been calculated, primarily as a result of the remaining amortization periods used in calculating the ADC being (i) less than the 30 year period used in calculating the Actuarially Required Contribution, and (ii) fixed time periods as opposed to open time periods.

(4) The State’s percentage contributed declined in Fiscal Year 2017 primarily as a result of TRS establishing a 20-year closed amortization period in calculating its ADC. This amortization period, which is shorter than that used in calculating the Required Annual Statutory Contribution, causes the ADC for TRS to substantially exceed the Required Annual Statutory Contribution which the State is authorized to pay under the Pension Code, and, as such, the difference between the ADC and the actual State contribution to TRS increased.

The preliminary certifications of the State’s contribution to the Retirement Systems for Fiscal Year 2019 provided for a contribution of approximately \$8,451 million. P.A. 100-587 provided that the Retirement Systems must recertify the amount of the Fiscal Year 2019 contribution as a result of changes made to the Pension Code in that legislation. The recertified amount of said contribution is \$8.355 million. This contribution is greater than contributions in previous fiscal years as a result of, among other factors, the reduction in the assumed investment rate of return by TRS and SERS, and changes in other assumptions by SERS. The State expects that its contributions to SERS will increase in future years as a result of the AFCSME Decision, as described in the Preliminary Official Statement under the heading “STATE FINANCIAL INFORMATION—Collective Bargaining”, which caused a retroactive increase in pensionable salaries for certain State employees.

FUNDED STATUS

As of the end of Fiscal Year 2018, the Retirement Systems had an aggregate UAAL of approximately \$133,478 million on a fair value basis and \$133,674 million on an actuarial basis (calculated pursuant to the Asset Smoothing Method), resulting in respective Funded Ratios of 40.2% and 40.1%. Factors contributing to the increased UAAL from Fiscal Year 2017 to Fiscal Year 2018 include State contributions less than the Actuarially Required Contribution.

The following tables summarize the financial condition of the Retirement Systems for Fiscal Years 2014 through 2018.

TABLE E-6
FINANCIAL CONDITION OF THE RETIREMENT SYSTEMS
FISCAL YEAR 2018
(\$ IN THOUSANDS)

	SERS	TRS	SURS	GARS	JRS	Total	Self-Managed Plan of SURS⁽¹⁾
Beginning Net Assets ⁽²⁾	\$16,530,180	\$49,375,665	\$ 18,484,820	\$ 54,349	\$ 941,804	\$ 85,386,818	\$ 2,170,251
Income							
Member Contributions	\$ 254,442	\$ 938,037	\$ 282,726	\$ 1,255	\$ 14,296	\$1,490,756	\$ 84,219
State and Employer Contributions	1,929,175	4,179,758	1,607,880	21,155	135,962	\$7,873,930	69,432
Investment Income	1,257,040	4,049,272	1,499,829	3,734	69,950	\$6,879,825	259,006
Total	\$3,440,657	\$9,167,067	\$3,390,435	\$26,144	\$220,208	\$16,244,511	\$412,657
Expenditures							
Benefits and Refunds	\$ 2,492,301	\$ 6,551,634	\$2,539,783	\$ 23,328	\$ 148,629	\$11,755,675	\$ 82,004
Administration	15,258	21,551	14,397	348	897	\$ 52,451	452
Total	\$2,507,559	\$6,573,185	\$2,554,180	\$23,676	\$149,526	\$11,808,126	\$82,456
Ending Net Assets (Fair value)	\$17,463,278	\$51,969,547	\$19,321,075	\$56,816	\$1,012,485	\$89,823,201	\$2,500,452
Actuarial Value of Assets	17,478,140	51,730,890	19,347,886	57,618	1,012,757	\$89,627,291	N/A
Actuarial Accrued Liabilities	47,925,683	127,019,330	45,258,751	375,779	2,721,853	\$223,301,396	N/A
UAAL (Fair Value)	30,462,405	75,049,783	25,937,676	318,962	1,709,368	\$133,478,194	N/A
UAAL (Actuarial Value) ⁽³⁾	30,447,543	75,288,440	25,910,865	318,160	1,709,096	\$133,674,104	N/A
Funded Ratio (Fair Value)	36.4%	40.9%	42.7%	15.1%	37.2%	40.2%	N/A
Funded Ratio (Actuarial Value) ⁽³⁾	36.5%	40.7%	42.7%	15.3%	37.2%	40.1%	N/A

Source: Source: Annual Actuarial Valuations of the Retirement Systems as of June 30, 2018. Table may not add due to rounding. Certain information was provided by the Retirement Systems.

- (1) The SURS Self-Managed Plan ("SMP") is not included in the totals. The SMP is a defined contribution plan and, by definition, is fully funded and does not carry unfunded liability. See "BACKGROUND INFORMATION REGARDING THE RETIREMENT SYSTEMS".
- (2) Reflects valuation of assets on a fair value basis as of June 30, 2017.
- (3) The actuarial value is determined by the methods as discussed in "ACTUARIAL METHODS - Actuarial Value of Assets."

TABLE E-7
FINANCIAL CONDITION OF THE RETIREMENT SYSTEMS
FISCAL YEAR 2017
(\$ IN THOUSANDS)

	SERS	TRS	SURS	GARS	JRS	Total	Self-Managed Plan of SURS⁽¹⁾
Beginning Net Assets ⁽²⁾	\$15,038,528	\$45,250,957	\$17,005,630	\$ 49,052	\$ 840,289	\$ 78,184,456	\$1,825,506
Income							
Member Contributions	\$ 251,611	\$ 929,130	\$ 278,643	\$ 1,284	\$ 14,770	\$ 1,475,438	\$ 85,217
State and Employer Contributions	1,798,348	4,135,860	1,650,551	21,721	131,334	7,737,814	66,916
Investment Income	1,812,878	5,520,453	1,994,310	5,140	97,796	9,430,577	266,350
Total	\$ 3,862,837	\$10,585,443	\$ 3,923,504	\$ 28,145	\$ 243,900	\$ 18,643,829	\$ 418,483
Expenditures							
Benefits and Refunds	\$ 2,355,228	\$ 6,438,006	\$ 2,429,467	\$ 22,493	\$ 141,471	\$ 11,386,665	\$ 73,282
Administration	15,957	22,729	14,847	355	914	54,802	456
Total	\$ 2,371,185	\$ 6,460,735	\$ 2,444,314	\$ 22,848	\$ 142,385	\$ 11,441,467	\$ 73,738
Ending Net Assets (Fair value)	\$16,530,180	\$49,375,665	\$18,484,820	\$ 54,349	\$ 941,804	\$ 85,386,818	\$2,170,251
Actuarial Value of Assets	16,558,873	49,467,525	18,594,326	55,063	942,988	85,618,775	N/A
Actuarial Accrued Liabilities	46,701,348	122,904,034	41,853,348	370,758	2,649,258	214,478,746	N/A
UAAL (Fair Value)	30,171,168	73,528,369	23,368,528	316,409	1,707,454	129,091,928	N/A
UAAL (Actuarial Value) ⁽³⁾	30,142,475	73,436,509	23,259,022	315,695	1,706,270	128,859,971	N/A
Funded Ratio (Fair Value)	35.4%	40.3%	44.2%	14.7%	35.6%	39.8%	N/A
Funded Ratio (Actuarial Value) ⁽³⁾	35.5%	40.3%	44.4%	14.9%	35.6%	39.9%	N/A

Source: Source: Annual Actuarial Valuations of the Retirement Systems as of June 30, 2017. Table may not add due to rounding. Certain information was provided by the Retirement Systems.

- (1) The SURS Self-Managed Plan ("SMP") is not included in the totals. The SMP is a defined contribution plan and, by definition, is fully funded and does not carry unfunded liability. See "BACKGROUND INFORMATION REGARDING THE RETIREMENT SYSTEMS".
- (2) Reflects valuation of assets on a fair value basis as of June 30, 2016.
- (3) The actuarial value is determined by the methods as discussed in "ACTUARIAL METHODS - Actuarial Value of Assets."

TABLE E-8
FINANCIAL CONDITION OF THE RETIREMENT SYSTEMS
FISCAL YEAR 2016
(\$ IN THOUSANDS)

	SERS	TRS	SURS	GARS	JRS	Total	Self Managed Plan of SURS⁽¹⁾
Beginning Net Assets ⁽²⁾	\$15,258,867	\$46,406,916	\$17,462,968	\$ 54,574	\$ 833,910	\$ 80,017,235	\$1,753,554
Income							
Member Contributions	\$ 256,198	\$ 951,809	\$ 278,884	\$ 1,310	\$ 14,962	\$ 1,503,163	\$ 76,457
State and Employer Contributions	1,882,243	3,890,510	1,582,294	16,073	132,060	7,503,180	65,370
Investment Income	(125,443)	(44,103)	17,044	(539)	(6,471)	(159,512)	3,192
Total	\$ 2,012,999	\$ 4,798,216	\$ 1,878,222	\$ 16,843	\$ 140,552	\$ 8,846,831	\$ 145,019
Expenditures							
Benefits and Refunds	\$ 2,217,210	\$ 5,931,207	\$ 2,320,829	\$ 21,983	\$ 133,230	\$ 10,624,459	\$ 72,588
Administration	16,127	22,968	14,731	382	943	55,151	479
Total	\$ 2,233,337	\$ 5,954,175	\$ 2,335,560	\$ 22,365	\$ 134,173	\$ 10,679,610	\$ 73,067
Ending Net Assets (Fair value)	\$15,038,528	\$45,250,957	\$17,005,630	\$ 49,052	\$ 840,289	\$ 78,184,456	\$1,825,506
Actuarial Value of Assets	15,632,604	47,222,098	17,701,646	50,823	870,893	81,478,064	N/A
Actuarial Accrued Liabilities	45,515,370	118,629,890	40,923,301	363,337	2,546,450	207,978,348	N/A
UAAL (Fair Value)	30,476,842	73,378,934	23,917,671	314,285	1,706,161	129,793,898	N/A
UAAL (Actuarial Value) ⁽³⁾	29,882,766	71,407,792	23,221,655	312,514	1,675,557	126,500,284	N/A
Funded Ratio (Fair Value)	33.0%	38.1%	41.6%	13.5%	33.0%	37.6%	N/A
Funded Ratio (Actuarial Value) ⁽³⁾	34.4%	39.8%	43.3%	14.0%	34.2%	39.2%	N/A

Source: Source: Annual Actuarial Valuations of the Retirement Systems as of June 30, 2016. Table may not add due to rounding. Certain information was provided by the Retirement Systems

(1) The SURS Self Managed Plan (“SMP”) is not included in the totals. The SMP is a defined contribution plan and, by definition, is fully funded and does not carry unfunded liability. See “BACKGROUND INFORMATION REGARDING THE RETIREMENT SYSTEMS.”

(2) Reflects valuation of assets on a fair value basis as of June 30, 2015.

(3) The actuarial value is determined by application of the Asset Smoothing Method as discussed in “ACTUARIAL METHODS—Actuarial Value of Assets.”

TABLE E-9
FINANCIAL CONDITION OF THE RETIREMENT SYSTEMS
FISCAL YEAR 2015
(\$ IN THOUSANDS)

	SERS	TRS	SURS	GARS	JRS	Total	Self Managed Plan of SURS⁽¹⁾
Beginning Net Assets ⁽²⁾	\$14,581,565	\$45,825,382	\$17,391,323	\$ 56,790	\$ 776,012	\$78,631,072	\$1,584,691
Income							
Member Contributions	\$ 266,139	\$ 935,451	\$ 267,682	\$ 1,487	\$ 15,431	\$ 1,486,191	\$ 72,328
State and Employer Contributions	1,804,319	3,523,257	1,528,525	15,871	134,040	7,006,012	62,334
Investment Income	681,377	1,770,550	503,200	2,288	36,009	2,993,424	90,461
Total	\$ 2,751,835	\$ 6,229,257	\$ 2,299,407	\$ 19,646	\$ 185,480	\$11,485,625	\$ 225,123
Expenditures							
Benefits and Refunds	\$ 2,057,987	\$ 5,625,037	\$ 2,213,694	\$ 21,467	\$ 126,600	\$10,044,785	\$ 55,794
Administration	16,548	21,687	14,069	395	983	53,681	466
Total	\$ 2,074,535	\$ 5,646,724	\$ 2,227,763	\$ 21,861	\$ 127,583	\$10,098,466	\$ 56,260
Ending Net Assets (Fair value)							
Actuarial Value of Assets	\$15,258,865	\$46,407,915	\$17,462,967	\$ 54,574	\$ 833,909	\$80,018,230	\$1,753,554
Actuarial Accrued Liabilities	14,741,736	45,435,193	17,097,255	52,565	804,189	78,130,937	N/A
UAAL (Fair Value)	40,743,410	108,121,825	39,520,687	328,244	2,314,147	191,028,313	N/A
UAAL (Actuarial Value) ⁽³⁾	25,484,545	61,713,910	22,057,720	273,670	1,480,238	111,010,083	N/A
UAAL (Actuarial Value) ⁽³⁾	26,001,674	62,686,632	22,423,432	275,679	1,509,959	112,897,376	N/A
Funded Ratio (Fair Value)	37.5%	42.9%	44.2%	16.6%	36.0%	41.9%	N/A
Funded Ratio (Actuarial Value) ⁽³⁾	36.2%	42.0%	43.3%	16.0%	34.8%	40.9%	N/A

Source: Source: Annual Actuarial Valuations of the Retirement Systems as of June 30, 2015. Table may not add due to rounding. Certain information was provided by the Retirement Systems

(1) The SURS Self Managed Plan ("SMP") is not included in the totals. The SMP is a defined contribution plan and, by definition, is fully funded and does not carry unfunded liability. See "BACKGROUND INFORMATION REGARDING THE RETIREMENT SYSTEMS."

(2) Reflects valuation of assets on a fair value basis as of June 30, 2014.

(3) The actuarial value is determined by application of the Asset Smoothing Method as discussed in "ACTUARIAL METHODS—Actuarial Value of Assets."

TABLE E-10
FINANCIAL CONDITION OF THE RETIREMENT SYSTEMS
FISCAL YEAR 2014
(\$ IN THOUSANDS)

	SERS	TRS	SURS	GARS	JRS	Total	Self Managed Plan of SURS⁽¹⁾
Beginning Net Assets ⁽²⁾	\$12,400,299	\$39,858,768	\$15,037,102	\$ 54,348	\$ 643,329	\$67,993,846	\$1,259,340
Income							
Member Contributions	\$ 269,232	\$ 928,746	\$ 283,081	\$ 1,503	\$ 15,919	\$ 1,498,481	\$ 65,531
State and Employer Contributions	1,699,448	3,596,717	1,502,864	13,957	126,816	6,939,802	57,162
Investment Income	2,169,346	6,782,032	2,667,900	8,363	110,059	11,737,700	246,288
Total	\$ 4,138,026	\$11,307,495	\$ 4,453,845	\$ 23,823	\$ 252,794	\$20,175,983	\$ 368,981
Expenditures							
Benefits and Refunds	\$ 1,940,145	\$ 5,320,663	\$ 2,085,766	\$ 21,046	\$ 119,279	\$ 9,486,899	\$ 43,190
Administration	16,615	21,218	13,858	335	832	52,858	440
Total	\$ 1,956,760	\$ 5,341,881	\$ 2,099,624	\$ 21,381	\$ 120,111	\$ 9,539,757	\$ 43,630
Ending Net Assets (Fair value)							
Actuarial Value of Assets	\$14,581,565	\$ 45,824,382	\$17,391,323	\$ 56,790	\$ 776,012	\$78,630,072	\$1,584,691
Actuarial Accrued Liabilities	13,315,613	42,150,765	15,844,714	51,598	705,250	72,067,940	N/A
UAAL (Fair Value)	39,526,845	103,740,377	37,429,515	323,379	2,229,277	183,249,393	N/A
UAAL (Actuarial Value) ⁽³⁾	24,945,280	57,915,995	20,038,192	266,589	1,453,265	104,619,321	N/A
UAAL (Actuarial Value) ⁽³⁾	26,211,232	61,589,612	21,584,801	271,781	1,524,027	111,181,453	N/A
Funded Ratio (Fair Value)	36.9%	44.2%	46.5%	17.6%	34.8%	42.9%	N/A
Funded Ratio (Actuarial Value) ⁽³⁾	33.7%	40.6%	42.3%	16.0%	31.6%	39.3%	N/A

Source: Source: Annual Actuarial Valuations of the Retirement Systems as of June 30, 2014. Table may not add due to rounding. Certain information was provided by the Retirement Systems.

(1) The SURS Self Managed Plan ("SMP") is not included in the totals. The SMP is a defined contribution plan and, by definition, is fully funded and does not carry unfunded liability. See "BACKGROUND INFORMATION REGARDING THE RETIREMENT SYSTEMS."

(2) Reflects valuation of assets on a fair value basis as of June 30, 2013.

(3) The actuarial value is determined by application of the Asset Smoothing Method as discussed in "ACTUARIAL METHODS—Actuarial Value of Assets."

Tables E-11 presents information regarding the aggregate funding progress of the Retirement Systems for Fiscal Years 2009 through 2018.

TABLE E-11 - SCHEDULE OF FUNDING PROGRESS⁽¹⁾
FAIR VALUE OF ASSETS AND ACTUARIAL VALUE OF ASSETS
(\$ IN MILLIONS)

BASED ON FAIR VALUE OF ASSETS

FY	Fair Value of Assets⁽²⁾ (a)	Actuarial Accrued Liability (b)	UAAL (b-a)	Funded Ratio (a/b)	Payroll (c)	UAAL as a % of Payroll ([b-a]/c)
2009	\$48,542	\$126,436	\$77,893	38.4%	\$16,607	469.0%
2010	53,225	138,794	85,569	38.3%	17,042	502.1%
2011	63,382	146,460	83,078	43.3%	17,062	486.9%
2012	61,813	158,612	96,798	39.0%	17,314	559.1%
2013	67,934	165,458	97,524	41.1%	17,357	561.9%
2014	78,630	183,249	104,619	42.9%	17,637	593.2%
2015	79,981	191,028	111,048	41.9%	17,890	620.7%
2016	78,184	207,798	129,794	37.6%	17,798	729.3%
2017	85,387	214,479	129,092	39.8%	17,813	724.7%
2018	89,823	223,301	133,478	40.2%	18,021	740.7%

BASED ON ACTUARIAL VALUE OF ASSETS

FY	Actuarial Value of Assets⁽³⁾ (a)	Actuarial Accrued Liability (b)	UAAL (b-a)	Funded Ratio (a/b)	Payroll (c)	UAAL as a % of Payroll ([b-a]/c)
2009	\$63,996	\$126,436	\$62,439	50.6%	\$16,601	376.0%
2010	63,053	138,794	75,741	45.4%	17,042	444.4%
2011	63,553	146,460	82,907	43.4%	17,062	485.9%
2012	64,030	158,612	94,582	40.4%	17,314	546.3%
2013	64,957	165,458	100,501	39.3%	17,357	579.0%
2014	72,068	183,249	111,181	39.3%	17,637	630.4%
2015	78,131	191,028	112,897	40.9%	17,890	631.1%
2016	81,478	207,978	126,500	39.2%	17,798	710.7%
2017	85,619	214,479	128,860	39.9%	17,813	723.4%
2018	89,627	223,301	133,674	40.1%	18,021	741.8%

Source: Comprehensive Annual Financial Reports of the Retirement Systems for the fiscal years ending June 30, 2009, through June 30, 2018.

- (1) The SURS Self Managed Plan (“SMP”) is not included in the totals. The SMP is a defined contribution plan and, by definition, is fully funded and does not carry unfunded liability. See “BACKGROUND INFORMATION REGARDING THE RETIREMENT SYSTEMS.”
- (2) Measures assets at fair value.
- (3) The actuarial value of assets is determined in accordance with the Asset Smoothing Method. See discussion of Asset Smoothing Method in “ACTUARIAL METHODS–Actuarial Value of Assets.”

NET PENSION LIABILITY

GASB 67 calls for the calculation and disclosure of the “Net Pension Liability,” which is the difference between the actuarial present value of projected benefit payments that is attributed to past periods of employee service calculated pursuant to the methods and assumptions set forth in the New GASB Standards (referred to in such statements as the “Total Pension Liability”) and the value of the pension plan’s assets (referred to as the “Fiduciary Net Position”), calculated at fair market value.

The concept of the Net Pension Liability is similar to the concept of the UAAL. However, because the Fiduciary Net Position is calculated at fair market value, and because of the differences in the manner of calculating the Total Pension Liability as compared to the Actuarial Accrued Liability under the Prior GASB Standards, the Retirement Systems’ UAAL and Net Pension Liability most likely will differ on each measurement date.

Table E-12A presents the Net Pension Liability of each Retirement System as of June 30 of the years 2014 through 2018. Table E-12B provides information regarding the impact of potential changes to the Discount Rate on the Net Pension Liability for fiscal year ended June 30, 2018. For additional discussion regarding the rates of return and the Discount Rate as employed by the actuaries of the Retirement Systems, see “ACTUARIAL ASSUMPTIONS—Assumed Investment Rate of Return” above. The June 30, 2014, calculation of the Net Pension Liability was the initial calculation of the Net Pension Liability pursuant to the New GASB Standards, and, as such, historical information is not available.

TABLE E-12A - NET PENSION LIABILITY ⁽¹⁾

	Total Pension Liability	Plan Net Position	Net Pension Liability	Plan Net Position as a Percentage of Total Pension Liability
TRS				
2014	\$106,683	\$45,824	\$60,858	43.0%
2015	111,917	46,407	65,510	41.5%
2016	124,187	45,251	78,936	36.4%
2017	125,774	49,376	76,398	39.3%
2018	129,914	51,970	77,945	40.0%
SURS				
2014	\$39,182	\$17,391	\$21,791	44.4%
2015	41,219	17,463	23,756	42.4%
2016	42,971	17,006	25,965	39.6%
2017	43,966	18,485	25,481	42.0%
2018	46,816	19,321	27,495	41.3%
SERS				
2014	\$41,685	\$14,582	\$27,104	35.0%
2015	43,267	15,259	28,008	35.3%
2016	49,184	15,039	34,145	30.6%
2017	49,437	16,530	32,907	33.4%
2018	50,520	17,463	33,056	34.6%
JRS				
2014	\$2,231	\$776	\$1,455	34.8%
2015	2,353	834	1,519	35.4%
2016	2,638	840	1,797	31.9%
2017	2,713	942	1,771	34.7%
2018	2,784	1,013	1,771	36.4%
GARS				
2014	\$398	\$57	\$341	14.3%
2015	333	55	278	16.5%
2016	374	49	325	13.1%
2017	378	54	324	14.3%
2018	383	57	326	14.8%
Total				
2014	\$190,179	\$78,630	\$111,549	41.3%
2015	199,090	80,017	119,071	40.2%
2016	219,353	78,185	141,169	35.6%
2017	222,268	85,387	136,881	38.4%
2018	230,416	89,824	140,594	39.0%

Source: The Actuarial Valuations of the Retirement Systems for the fiscal years ended June 30, 2014 through June 30, 2018.

(1) In millions. Rows and columns may not sum due to rounding.

**TABLE E-12B - SENSITIVITY OF NET PENSION LIABILITY TO
CHANGES IN THE DISCOUNT RATE ⁽¹⁾**

	FISCAL YEAR 2018		
	1%		
	DECREASE	CURRENT	1% INCREASE
TRS			
Discount Rate	6.00%	7.00%	8.00%
Net Pension Liability	\$95,592	\$77,945	\$63,734
SURS			
Discount Rate	5.65%	6.65%	7.65%
Net Pension Liability	\$33,352	\$27,495	\$22,651
SERS			
Discount Rate	5.81%	6.81%	7.81%
Net Pension Liability	\$40,018	\$33,056	\$27,353
GARS			
Discount Rate	5.68%	6.68%	7.68%
Net Pension Liability	\$370	\$326	\$289
JRS			
Discount Rate	5.60%	6.60%	7.60%
Net Pension Liability	\$2,095	\$1,771	\$1,499

Source: The Actuarial Valuations of the Retirement Systems for the fiscal years ended June 30, 2018.

(1) In millions.

COMPONENTS OF CHANGE IN UNFUNDED LIABILITY

A variety of factors impact the Retirement Systems' UAAL. Unexpected increases in member salary and benefits, a lower return on investment than that assumed by the Retirement Systems and employer contributions less than the Actuarially Required Contribution will, each taken independently of other legislative or market effects, cause an increase in the UAAL. Conversely, unexpected decreases in member salary and benefits, a higher return on investment than assumed, an increase in employee contributions and employer contributions in excess of the Actuarially Required Contribution, each taken independently of other legislative or market effects, will decrease the UAAL. In addition, changes in actuarial assumptions and certain other factors may also impact the UAAL. Table E-13 provides information regarding the sources of the change in the UAAL for the Retirement Systems from Fiscal Years 2009 through 2018. The UAAL on a fair value basis increased from approximately \$78 billion at the end of Fiscal Year 2009 to approximately \$134 billion at the end of Fiscal Year 2018, an increase of approximately \$56 billion. No assurances can be given that the State will make the appropriations necessary to meet any deficiencies incurred by the Retirement Systems.

TABLE E-13 - COMPONENTS OF CHANGE IN UNFUNDED LIABILITY

Fiscal Year	Salary Increases/ (Decreases)	Investment Returns (Higher)/Lower Than Assumed ⁽²⁾	Employer Contributions (Higher)/Lower than Normal Cost Plus Interest ⁽³⁾	Benefit Increases	Changes In Actuarial Assumptions	Other Factors ⁽⁴⁾	Total Change in Unfunded Liability From Previous Year
2009	\$ (105.8)	\$ 3,831.9	\$ 3,231.3	\$0.0	\$ 0.0	\$ 1,097.7	\$ 8,055.2
2010	(421.9)	4,818.1	2,746.1	0.0	5,209.1	950.5	13,301.8
2011	(847.3)	2,667.2	3,666.0	0.0	581.3	1,098.7	7,166.0
2012	(1,294.5)	2,844.8	4,308.0	0.0	4,625.0	1,191.5	11,674.8
2013	(631.2)	2,398.7	3,353.0	0.0	71.3	727.3	5,919.1
2014	(229.0)	(3,130.5)	2,408.9	0.0	11,107.0	524.2	10,680.6
2015	(820.3)	(2,399.6)	3,212.9	0.0	1,559.3	163.7	1,715.9
2016	(957.9)	701.8	2,730.4	0.0	9,669.0	1,471.4	13,614.7
2017	(598.9)	(701.7)	3,195.2	0.0	0.0	465.0	2,359.6
2018	(342.1)	(500.4)	3,189.1	0.0	864.4	1,603.0	4,814.0
Total	(\$6,248.9)	\$10,530.3	\$32,040.9	\$0.0	\$33,686.4	\$9,293.0	\$79,301.7

Source: Commission on Government Forecasting and Accountability, Report on the Financial Condition of the Illinois Retirement Systems: Financial Condition as of June 30, 2014. See "RECENT REPORTS AND OTHER DEVELOPMENTS REGARDING THE RETIREMENT SYSTEMS—Report of the Commission on Government Forecasting and Accountability." Information regarding Fiscal Years 2015 through Fiscal Year 2018 was provided by the Retirement Systems.

- (1) Dollars in millions. Table may not add due to rounding.
- (2) Investment returns beginning Fiscal Year 2009 based on Asset Smoothing Method.
- (3) To determine whether employer contributions represented an increase or decrease in UAAL, such contributions are measured against contributions based on the Normal Cost plus interest. If employer contributions exceed Normal Cost plus interest, the UAAL will decrease. If employer contributions are less than Normal Cost plus interest, the UAAL will increase.
- (4) Other factors include, but are not limited to, higher or lower incidences of retirement, disability, in-service mortality, retiree mortality or terminations than assumed.

PROJECTION OF CONTRIBUTIONS AND FUNDED STATUS

Table E-14 provides a projection of the State's Required Annual Statutory Contribution and Table E-15 provides a projection of the Actuarial Value of Assets, the Actuarial Accrued Liability, the UAAL and the Funded Ratio throughout the life of the Statutory Funding Plan. These projections are forward-looking statements regarding future events and are based on the actuarial assumptions contained in the Statutory Funding Plan and assumptions made regarding such future events, including the assumption that all projected contributions to the Retirement Systems are made as required. No assurance can be given that the assumptions underlying these projections will reflect actual experience of the Retirement Systems. In the event that the Retirement Systems' experience is different from these assumptions, no assurance can be given that such experience will not cause material changes to the data presented in this table.

TABLE E-14 - PROJECTED REQUIRED ANNUAL STATUTORY CONTRIBUTIONS TO THE RETIREMENT SYSTEMS⁽¹⁾

Fiscal Year	Projected Required Annual Statutory Contributions⁽¹⁾
2019	\$ 8,431
2020	9,251
2021	9,727
2022	10,157
2023	10,379
2024	10,629
2025	10,877
2030	12,313
2035	14,711
2040	16,746
2045	18,933

Source: Annual Actuarial Valuations of the Retirement Systems as of June 30, 2018.

(1) Dollars in millions. Excludes, with respect to TRS and SURS, contributions from trust funds and federal funds and, with respect to TRS, minimum retirement allowances.

**TABLE E-15- PROJECTION OF FUTURE RETIREMENT
SYSTEMS FUNDING STATUS⁽¹⁾**

Fiscal Year	Actuarial Value of Assets⁽²⁾	Actuarial Accrued Liability	Unfunded Accrued Actuarial Liabilities (UAAL)	Funded Ratio
	(a)	(b)	(b-a)	(a/b)
2019	\$ 90,898	\$ 229,348	\$138,450	39.6%
2020	95,079	235,785	140,706	40.3%
2021	100,523	242,145	141,622	41.5%
2022	105,613	248,534	142,921	42.5%
2023	110,606	254,817	144,211	43.4%
2024	115,681	260,971	145,290	44.3%
2025	120,826	266,969	146,143	45.3%
2030	148,296	293,949	145,653	50.4%
2035	182,002	314,244	132,242	57.9%
2040	229,170	326,296	97,126	70.2%
2045	297,856	330,953	33,097	90.0%

Source: Annual Actuarial Valuations of the Retirement Systems as of June 30, 2018.

(1) Dollars in millions.

(2) Measured in accordance with the Asset Smoothing Method. See discussion of the Asset Smoothing Method under "ACTUARIAL METHODS—Actuarial Value of Assets."

2010 LEGISLATION MODIFYING PENSION STRUCTURE

The State has not provided significant benefit enhancements for Retirement System members since 2003.

On March 24, 2010, the State of Illinois enacted Public Act 96-0889 ("PA 96-889"). PA 96-889 provided for significant reforms to the Retirement Systems, most notably by establishing a "two-tier" pension system expected to reduce pension payments for employees who become members of the Retirement Systems after January 1, 2011 ("Tier Two Employees"), as compared to those provided to State employees who commenced employment prior to January 1, 2011 ("Tier One Employees"). PA 96-889 did not impact persons that first became members or participants prior to its effective date of January 1, 2011. An additional tier of employees, hereinafter defined as Tier Three Employees, was created by Public Act 100-23. See "—2017 LEGISLATION MODIFYING PENSION STRUCTURE" herein.

Taken independently of other legislative or market effects, the reduced benefits afforded new hires by PA 96-889 are expected to reduce the growth in the Actuarial Accrued Liability, the UAAL and the Required Annual Statutory Contribution. In calculating the Actuarial Accrued Liability, the actuaries make assumptions about future benefit levels. As a greater percentage of the State's workforce is covered by PA 96-889, the value of future benefits is expected to decrease and the Actuarial Accrued Liability is expected to decrease. Consequently, the UAAL is expected to decrease and the Funded Ratio to increase. As the growth in the UAAL slows, the Required Annual Statutory Contribution is expected to decline as the amount of UAAL to be amortized decreases.

Because the actuarial calculations look to the future to determine the amount of assets and liabilities that will accumulate over time, the reduction in future benefits under PA 96-889 caused an immediate reduction in the State's required contribution to the Retirement System for Fiscal Year 2011 under the current Statutory Funding Plan after recertification pursuant to Public Act 96-1497. In the long-term, this decrease in future benefits is expected to reduce the sum of contributions required to reach the applicable

statutorily required target Funded Ratio because the State's liability for benefits is expected to decrease as a greater number of employees earn lower benefits, assuming a relatively static pool of employees. In the short-term, however, these decreased contributions are expected to have the effect of increasing the UAAL because the majority of employees earning benefits in the short-term will earn those benefits under the provisions of the former plan. Therefore, although the cost of benefits will not change dramatically until a large portion of employees are covered by the new benefits, in the short-term the amount of the Required Annual Statutory Contribution will decrease, increasing the UAAL and decreasing the Funded Ratio. The Retirement Systems currently project that the number of Tier Two Employees will exceed the number of Tier One Employees beginning in the fiscal years as follows: (i) for TRS, Fiscal Year 2025; (ii) for SERS, Fiscal Year 2022; (iii) for SURS, Fiscal Year 2021; (iv) for GARS, Fiscal Year 2019; and (v) for JRS, Fiscal Year 2021.

2013 LEGISLATION MODIFYING PENSION STRUCTURE

PA 98-0599 was signed into law on December 5, 2013 and provided for changes to funding levels, automatic annual increases, retirement ages and employee contributions for TRS, SERS, SURS and GARS. PA 98-0599 was scheduled to take effect on June 1, 2014. However, PA 98-0599 was declared unconstitutional and void in its entirety by the Illinois Supreme Court on May 8, 2015. The State did not file an appeal to the U.S. Supreme Court with respect to the Illinois Supreme Court's determination regarding the constitutionality of PA 98-0599.

2017 LEGISLATION MODIFYING PENSION STRUCTURE

Public Act 100-23, which became effective on July 6, 2017, includes several reforms to the Retirement Systems. Specifically, Public Act 100-23: (i) establishes a new benefit plan for Tier Three Employees (as hereinafter defined), (ii) shifts certain pension costs to local employers participating in a Retirement System, and (iii) smooths changes in the State's contributions to the Retirement Systems resulting from changes in actuarial assumptions by the Retirement Systems.

Creation and Current Status of Tier 3. With respect to TRS, SURS and SERS, Public Act 100-23 creates an additional tier ("Tier 3") of benefits and related contributions. Employees ("Tier Three Employees") will join Tier 3 either by (1) being a new employee who elects to receive Tier 3 benefits or (2) being an existing Tier 2 employee who elects to receive Tier 3 benefits. Employees may join Tier 3 once their respective Retirement System implements the plan. The Tier 3 plan was not implemented during Fiscal Year 2018 or Fiscal Year 2019. Legislation was introduced into the 100th General Assembly which the Retirement Systems believe is necessary to implement the provisions of Public Act 100-23. Such legislation was not adopted by the 100th General Assembly, and has not been adopted as of the date hereof, and the Retirement Systems expect that the Tier 3 plan will not be implemented until such legislation, or similar legislation, is adopted.

If the Tier 3 plan is ultimately implemented, it will offer a combination of a defined benefit and defined contribution plan. The defined benefit portion of Tier 3 includes the following provisions:

- A pensionable salary cap indexed to the social security wage base (currently \$132,900);
- A cost of living adjustment equal to ½ of the Consumer Price Index for Urban Wage Earners and Clerical Workers, not compounded;
- A normal retirement age indexed to social security (currently age 67);
- A final average salary equal to the average salary over the last ten years of an employee's service with the retirement annuity calculated by multiplying each year of service by the final average salary multiplied by 1.25%.

Once implemented, local employers and employees will assume the normal cost for the defined benefit costs for Tier Three Employees. Employees will contribute the lesser of the Normal Cost or 6.2% of salary for the defined benefit portion. Employers of employees who elect to participate in Tier 3 are to contribute (i) with respect to TRS and SURS employers only, the employer normal cost, plus an amount

necessary to reduce the UAAL over a 30-year open amortization period, and (ii) beginning in Fiscal Year 2021, an additional 2% of the total payroll of each employee participating in Tier 3. In addition, employers of employees who elect to participate in Tier 2 in lieu of Tier 3 are to contribute (i) with respect to SURS employers only, the employer normal cost, plus an amount necessary to reduce the UAAL over a 30-year open amortization period, and (ii) beginning in Fiscal Year 2021, an additional 2% of the total payroll of each employee participating in Tier 2 in lieu of Tier 3.

In addition to the defined benefit, Tier Three Employees will have a defined contribution plan. The defined contribution will consist of funds invested in an individual account for each employee. Employees must contribute a minimum of 4% of salary to the defined contribution portion of the Tier 3 plan. Employers must contribute no less than 2%, but no more than 6% of salary for each employee with at least one year of service with that employer.

Tier 3 does not apply to employees participating in GARS or JRS, and only applies to State employees not participating in the federal social security program, with the exception of a small number of SURS employees which will participate in social security in addition to Tier 3.

Public Act 100-23 does not provide for immediate enactment of the Tier 3 plan, though it states that the respective Boards of Trustees of the Retirement Systems should implement the Tier 3 plan as soon as possible. Prior to implementation, each Retirement System must create and establish the Tier 3 plan, and such plan must be approved by the Internal Revenue Service. On and after the respective date of implementation for each Retirement System, all new participants in such Retirement System will be Tier Three Employees. Employees hired after the implementation of the combination Tier 3 plan will have the option to irrevocably elect to receive Tier 2 benefits and, with respect to SURS, the Self-Managed Plan. In addition, Tier Two Employees hired prior to the implementation of the Tier 3 plan will be provided the opportunity to irrevocably elect to become Tier Three Employees under Public Act 100-23.

TRS, SURS and SERS are currently analyzing the long-term impact that Tier 3 will have on their respective financial positions. The State makes no prediction as to the impact such reform will have on the Retirement Systems or the State's contributions to TRS, SURS and SERS going forward.

Shift of Certain Pension Costs to Local Employers. With respect to TRS and SURS, Public Act 100-23 provides that the individual school districts, universities and community colleges whose employees participate in such Retirement Systems will assume certain costs of benefits upon implementation of the Tier 3 plan. On and after the Tier 3 implementation, local employers will assume the normal costs and future unfunded liabilities for Tier Three Employees and Tier Two Employees who elect to become Tier Three Employees. Beginning in Fiscal Year 2021, such employers will also be responsible for paying to the applicable Retirement System 2% of the total payroll of each employee participating in Tier 3, as well as each employee participating in Tier 2 in lieu of Tier 3.

In addition, Public Act 100-23 requires individual school districts, universities and community colleges to assume the Normal Cost of benefits with respect to all employees whose salaries exceed the Governor's salary to the extent such employee's salary exceeds the Governor's salary.

Smoothing of State Contributions. Public Act 100-23 provides that, beginning in Fiscal Year 2018, the State's contributions to the Retirement Systems will be calculated such that any changes in the State's contributions to any Retirement System caused by a change in the actuarial assumptions employed by such Retirement System in preparing its Actuarial Valuation will be recognized equally over a five-year period ("Contribution Smoothing"). Furthermore, Public Act 100-23 provides that Contribution Smoothing will be retroactively applied to changes in actuarial assumptions which first applied to State contributions during Fiscal Years 2014 through 2017.

As a result of the adoption of Public Act 100-23, the Retirement Systems re-certified the State's contribution to the Retirement Systems for Fiscal Year 2018. As a result of such recertification, the State's contribution for Fiscal Year 2018 declined from \$8,820 million to \$7,911 million, a reduction of approximately \$909 million. Such reduction in the State contribution was due primarily to the Contribution Smoothing and also to the shift to local school districts, universities and community colleges of the cost of benefits attributable to the portion of employee salaries in excess of the Governor's salary.

The reforms in Public Act 100-23 are expected to reduce the State's UAAL over time. The State's UAAL, as modified by the provisions of Public Act 100-23, has not been recalculated by the Retirement Systems and, as such, the State is unable to provide any information regarding revisions to the UAAL as a result of Public Act 100-23, if any.

ACCELERATED PENSION BENEFIT PAYMENT PROGRAM AND OTHER PROVISIONS UNDER PUBLIC ACT 100-0587

Public Act 100-0587, which became effective on June 4, 2018 ("P.A. 100-587"), establishes two programs pursuant to which eligible members of the Retirement Systems may forego certain benefits to which they are entitled under the Pension Code in exchange for a payment from the State. The first program, which is available to Tier 1 and Tier 2 members of the TRS, SURS and SERS meeting certain eligibility requirements set forth in P.A. 100-587, provides that an eligible member may forfeit rights to future benefit payments in exchange for an accelerated pension benefit payment equal to 60% of the present value of the pension benefit to which the member is entitled (the "*Pension Buyout Program*"). The second program, which is available only to Tier 1 members of TRS, SURS and SERS meeting certain eligibility requirements set forth in P.A. 100-587, provides that an eligible member may forfeit the 3%, compounded automatic annual increase ("*AAI*") in exchange for (i) a delayed 1.5% non-compounded AAI and an accelerated pension benefit payment from the State equal to 70% of the difference in the present value of such AAIs (the "*AAI Reduction Program*" and, together with the Pension Buyout Program, the "*Programs*").

Each of the Programs has separate eligibility rules. To be eligible for the Pension Buyout Program, a member must (i) have terminated service, (ii) have accrued sufficient service credit to be eligible to receive a retirement annuity under the applicable article of the Pension Code, and (iii) not have received any retirement annuity under the applicable article of the Pension Code. To be eligible for the AAI Reduction Program, a member must (i) submit an application for a retirement annuity under the applicable article of the Pension Code, (ii) meet the age and service requirements for receiving a retirement annuity under the applicable article of the Pension Code and (iii) not have received any retirement annuity under the applicable article of the Pension Code. In addition, eligible members may participate in only one of the Programs.

With respect to the Pension Buyout Program, eligible members may make the election to participate in such program until June 30, 2024. Such election may be made only after such member has requested a determination by the applicable Retirement System of the amount of the accelerated pension benefit payment offered pursuant to the Pension Buyout Program.

With respect to the AAI Reduction Program, P.A. 100-587 directs each of the applicable Retirement Systems to implement the AAI Reduction Program. Upon the request of an eligible member, the applicable Retirement System will calculate the accelerated pension benefit payment and will offer such payment to the eligible member. Eligible members will then have the opportunity to irrevocably elect to participate in the AAI Reduction Program until June 30, 2024. Such election must be made prior to the eligible member receiving the first payment of a retirement annuity otherwise payable under the applicable article of the Pension Code. Public Act 101-0010 (enacted June 5, 2019) extended the end date of the Programs from June 30, 2021 to June 30, 2024.

P.A. 100-587 provides that, upon receipt by a Retirement System of an election by an eligible member to participate in either of the Programs, such Retirement System will submit a voucher to the Comptroller for payment of the applicable accelerated pension benefit payment. To finance the costs of the Programs, P.A. 100-587 authorizes the issuance of the Section 7.7 Bonds (as defined in the Official Statement) in the amount of \$1,000,000,000 and establishes the State Pension Obligation Acceleration Bond Fund (the "Acceleration Fund"). The proceeds of the Section 7.7 Bonds will be deposited into the Acceleration Fund and be used to make the accelerated pension benefit payments as described in this Section. The bond proceeds deposited into the Acceleration Fund constitute the only authorized source of funding for accelerated pension benefit payments, therefore requiring the State to issue Section 7.7 Bonds for the Programs to be operational. As of the date hereof, the State has issued \$300,000,000 of the Section 7.7 Bonds so authorized.

The State expects that the Programs will, taken independently of other factors, cause a reduction in the UAAL of the applicable Retirement Systems, however, the State is unable to quantify the amount or timing of any such reduction at this time. The State provides no assurance as to whether the Programs will be implemented or the degree to which members choose to participate in the Programs. Any reduction in the UAAL is dependent on the implementation of, participation by members in and funding of the Programs.

In addition, P.A. 100-587 lowered the threshold from 6% to 3% on the annual salary increase used in final average salary calculations for active SURS members above which the employing entity, rather than the State, is responsible for paying the present value of additional retirement benefits. This provision shifts SURS retirement contributions to non-State entities but does not reduce future liabilities of such Retirement Systems. P.A. 100-587 made similar changes with respect to TRS and SURS, however, such changes were reversed by the General Assembly in June 2019.

Status of the Programs. SERS began offering accelerated pension benefits, pursuant to its AAI Reduction Program, to applicants for retirement in December 2018. As of October 10, 2019, out of 2,799 applicants for retirement, 697 (24.9%) have elected the accelerated pension benefit. The average payout is \$97,900, requiring a total of \$68.2 million. SERS began offering the Pension Buyout Program in April 2019 for its nearly 4,000 inactive vested members. SERS typically administers approximately 3,000 retirements annually.

TRS opened the AAI Reduction Program in January 2019. As of mid-June 2019, 74 out of 3,229 eligible members had utilized the AAI Reduction Program. As of October 1, 2019, TRS has used approximately \$60 million for payments from the Pension Obligation Acceleration Bond Fund for payments pursuant to the Programs.

SURS began implementing both the AAI Reduction and the Pension Buyout Program on June 10, 2019. As of September 30, 2019, SURS has received 20 Tier 1 AAI Buyout applications and 27 pension buyout program applications. These amounts represent 2.8% and 3.8% of retirement claims received during the same period. As of September 30, 2019, 0 SURS members have elected the buyout options. SURS has approximately 13,000 inactive vested members and 18,000 Tier 1 members who are retirement-eligible. SURS typically administers approximately 3,000 retirements annually.

As of October 1, 2019, the balance in the Pension Obligation Acceleration Bond Fund was approximately \$184 million, meaning approximately \$115 million of the Section 7.7 Bond proceeds from the April 2019 issuance have been spent out of such fund.

RECENT REPORTS REGARDING THE RETIREMENT SYSTEMS

State Actuary's Fiscal Year 2018 Report

By January 1 of each year, the State Actuary is required to issue a preliminary report providing a review of the actuarial assumptions used by the Retirement Systems in preparing their proposed certification of the amount necessary to pay the Required Annual Statutory Contribution. The position of State Actuary is within the Office of the Auditor General and responsible for reviewing actuarial practices, assumptions, and valuations of the actuaries of the Retirement Systems. The State Actuary's Fiscal Year 2018 report on the actuarial assumptions and valuations of the Retirement Systems is available on the State Auditor General's website. See APPENDIX F—WEBSITE INDEX. The assumptions contained in the 2018 Actuarial Valuation reports of the Retirement Systems were determined to be generally reasonable by the State Actuary, and the State Actuary did not recommend any changes to these assumptions. However, recommendations were made for additional disclosure to the 2017 Actuarial Valuations, for changes to the formula for funding the Retirement Systems set forth in the Pension Code to fully fund future plan benefit accruals, for the Retirement Systems set forth in the Pension Code to include stress tests in the Actuarial Valuations, for the conduct of periodic, independent, actuarial audits by SERS, JRS, and GARS, and for each of the Retirement Systems, with the exception of TRS, to review the manner in which such Retirement Systems phase-in changes in assumption as a result of Public Act 100-23 or demonstrate with additional disclosures that such methods currently used to phase-in such changes produces the result intended by Public Act 100-23. The Board of each Retirement System must consider all recommendations of the State Actuary; however, no assurance can be given that any recommendations will be adopted. The responses of each System to the recommendations of the State Actuary are contained in Appendix C of the aforementioned report.

Report of the Commission on Government Forecasting and Accountability

The Commission on Government Forecasting and Accountability ("COGFA") prepared a report dated April 2019, on the financial condition of the Retirement Systems as of June 30, 2018 (the "COGFA Report"). COGFA is a bipartisan and bi-cameral legislative commission whose purpose is to provide the General Assembly with information relevant to the State economy, taxes, and other sources of revenue and debt obligations of the State. Among COGFA's list of specific responsibilities is to make an annual estimate of public pension funding requirements and to prepare pension impact notes. Furthermore, COGFA has a mandate to report to the General Assembly on economic trends in relation to long-range planning and budgeting and to study and make such recommendations as it deems appropriate on local and regional economic and fiscal policies and on federal fiscal policy as the same may affect the State. As a result of these responsibilities, COGFA issues several reports on an annual basis, including the COGFA Report, which provides an overview of the financial condition of the Retirement Systems.

The COGFA Report provides significant information on the funded status of the Retirement Systems, historical and projected information with respect to each of the Retirement Systems and an exhaustive history of pension legislation. COGFA does not make findings in the COGFA Report. The COGFA Report is available from COGFA's website listed in APPENDIX F—WEBSITE INDEX. The State makes no representations nor expresses any opinion on the COGFA Report.

SEC ORDER

The State was originally contacted in September 2010 by the Securities and Exchange Commission (the "SEC") regarding a non-public inquiry into communications by the State relating to the financial effects of PA 96-889 on Illinois public pensions, including communications relating to the potential savings or reductions in contributions by the State to the Illinois public pensions. The SEC inquiry ultimately turned to disclosures relating to the Statutory Funding Plan.

On March 11, 2013, the SEC instituted administrative proceedings and imposed a cease-and-desist order (the “Order”). The Order can be found on the Electronic Municipal Market Access website. See APPENDIX F—“WEBSITE INDEX” herein. In its Order, the SEC found that, between 2005 and March 2009, the State acted negligently and (i) misled bond investors by omitting to disclose information about the adequacy of the Statutory Funding Plan and the risks created by the State’s structural underfunding of its pension obligations, (ii) misled bond investors about the effect of changes to the Statutory Funding Plan, including the State’s failure to make the full pension contributions in 2006 and 2007 and (iii) omitted material information which rendered certain statements misleading to bond investors regarding the State’s ability to fund its pension obligations or the impact of the State’s pension obligations on the State’s financial condition. In agreeing to the Order, the State did not admit or deny the SEC’s findings in the Order. Under the terms of the Order, the State was not required to pay any civil fines or penalties, and the SEC noted that it considered the State’s cooperation during the inquiry as well as the remedial measures instituted by the State to ensure compliance with its disclosure obligations under the federal securities laws, as described in the Order.

Prior to the SEC inquiry and in response to statements made by the SEC in an enforcement action against the State of New Jersey (SEC Rel. No. 9135, August 18, 2010), the State engaged outside counsel to assist the State in reviewing the enforcement action against New Jersey, to update certain of the information contained in this Appendix and to draft the disclosure policies and procedures set forth in the following subsection. The State has continued to engage Disclosure Counsel to assist the State in updating the information contained in this Appendix and to implement the disclosure policies and procedures set forth in the following subsection.

PENSION DISCLOSURE POLICIES AND PROCEDURES

The State has reviewed, evaluated, and enhanced its pension disclosure process by instituting formal, written policies and procedures. The State’s written policies and procedures, among other things, established a committee within the GOMB consisting of GOMB employees (the “Disclosure Committee”) to oversee the pension disclosure process. The GOMB Director of Capital Markets serves as chairperson of the Disclosure Committee, and the General Counsel of the GOMB serves as an ex-officio member. The Disclosure Committee has primary responsibility for drafting, editing and updating the State’s pension disclosure. Prior to release of the pension disclosure in an official statement or at the time of an update as mandated in the policies and procedures, the pension disclosure is submitted to the Retirement Systems, COGFA, the Office of the Comptroller and the Office of the Attorney General for their review and comment.

In addition, the State has implemented an annual mandatory training program for the Disclosure Committee and the other GOMB employees involved in the disclosure process. The training is intended to ensure compliance with the State’s disclosure obligations under the federal securities laws.

OTHER POST-EMPLOYMENT BENEFITS

PLAN DESCRIPTION

The State Employees Group Insurance Act of 1971 (“Group Insurance Act”), as amended, authorizes the State to provide health, dental, vision, and life insurance benefits for certain retirees and their dependents. Substantially all State and State university component unit employees become eligible for these other postemployment benefits (“OPEB”) if they become annuitants of one of the State sponsored pension plans. The Department of Central Management Services (“CMS”) administers these benefits for annuitants with the assistance of the Retirement Systems. The portions of the Group Insurance Act related to OPEB established a cost-sharing multiple-employer defined benefit OPEB plan with a special funding situation for employees of the State’s component unit universities.

FUNDING POLICY AND ANNUAL OPEB COST

The State contributes toward the cost of an annuitant's coverage under the basic program of group health, dental, and vision benefits an amount equal to five percent of that cost for each full year of creditable service up to a maximum of one hundred percent for an annuitant with twenty or more years of creditable service. The amount the State contributes is determined from negotiations with the collective bargaining units within the various Retirement Systems. Therefore, the benefits provided and contribution amounts are subject to periodic changes.

The State is not required to fund the plan other than the pay-as-you-go amount necessary to provide the current benefits to retirees. However, the appropriated amount has been insufficient in recent years resulting in a backlog of reimbursements to health care providers and retirees.

The State's Annual OPEB Cost was calculated, prior to Fiscal Year 2018 pursuant to GASB Statement No. 45 ("GASB 45"). GASB 45 funding requirements differ significantly from the pay-as-you-go funding method used by the State to make contributions to the plan. Therefore, the actual contributions made by the State to the plan differed from the Actuarially Required Contribution and the Annual OPEB Cost. The State's Annual OPEB Cost for the prior year and related information is included in Tables E-16, E-17 and E-18.

TABLE E-16
NET OTHER POST EMPLOYMENT BENEFITS
OBLIGATION FISCAL YEAR 2017
(\$ IN MILLIONS)

Actuarially Required Contribution (Net of ARC adjustments)	\$ 2,592
Plus: Interest on Net OPEB Obligations	533
Adjustment to ARC	(507)
Annual OPEB Cost	<u>\$ 2,617</u>
Benefits paid during the year	(337)
Increase in Net OPEB Obligations	\$ 2,281
Net OPEB Obligations at June 30, 2016	<u>14,204</u>
Net OPEB Obligations at June 30, 2017	<u><u>\$16,485</u></u>

Source: The CAFR.

TABLE E-17
OTHER POST EMPLOYMENT BENEFITS – FISCAL YEARS 2013-2017
(\$ IN MILLIONS)

	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
Annual Required Contribution ¹	\$2,378	\$2,344	\$2,292	\$2,415	\$2,617
Benefits paid during the year	625	905	810	185	337
Increase in Net OPEB Obligations	<u>1,753</u>	<u>1,439</u>	<u>1,482</u>	<u>2,230</u>	<u>2,280</u>
Net OPEB Obligations Balance	<u><u>9,053</u></u>	<u><u>10,492</u></u>	<u><u>11,975</u></u>	<u><u>14,204</u></u>	<u><u>16,485</u></u>

Source: Illinois State Employment Group Insurance Program GASB No. 45 Actuarial Valuation Report and the CAFR.

¹ The Annual Required Contribution numbers include interest on Net OPEB Obligations and adjustments to the Annual Required Contributions.

GASB Statement No. 45 requires the calculation of the OPEB Actuarial Accrued Liability (“AAL”) which is the actuarial present value of future plan benefits earned as of the valuation date. The AAL was \$38,138 million at the end of Fiscal Year 2016. The AAL has not been calculated for Fiscal Year 2017. The OPEB Actuarially Required Contribution (“ARC”) is an amount that is actuarially determined in accordance with the requirements so that, if paid on an ongoing basis, it would be expected to provide sufficient resources to fund both the normal cost for each year and the amortized unfunded AAL over the amortization period of thirty years.

TABLE E-18
OTHER POST EMPLOYMENT BENEFITS UNFUNDED
ACTUARIAL ACCRUED LIABILITY – FISCAL YEARS 2012-2016
(\$ IN MILLIONS)

	2012*	2013	2014	2015**	2016
Unfunded Actuarial Accrued Liability	\$35,200	\$34,488	\$33,051	\$34,766	\$38,138

Source: Illinois State Employment Group Insurance Program GASB No. 45 Actuarial Valuation Report and the CAFR.

Note: The GASB No. 45 Actuarial Valuation Report is produced biennially, however, beginning in Fiscal Year 2015, the report is produced as of June 30 of the previous fiscal year.

* Estimation in the succeeding year’s report.

** Estimation in the preceding year’s report.

The State adopted GASB Statement No. 75 (“GASB 75”) beginning with the Fiscal Year ending June 30, 2018. GASB 75 reforms the manner in which OPEB is accounted for and presented in the financial statements of an employer, such as the State. The adoption of GASB 75 resulted in significant changes to the presentation of the State’s OPEB liability in the Fiscal Year 2018 CAFR, including changes to the amount recognized by the State as a liability with respect to OPEB.

The total OPEB liability pursuant to GASB Statement No. 75, based on the Fiscal Year 2018 CAFR, as of June 30, 2017, and June 30, 2018, was approximately \$43.5 billion and \$41.5 billion, respectively.

APPENDIX F
WEBSITE INDEX

Organization or Department	Website Address	Description of Website
State of Illinois	http://www.illinois.gov/	Lead portal for all State information
Governor's Office of Management and Budget	http://www.illinois.gov/gov/budget/ https://www2.illinois.gov/sites/budget/Pages/PolicyReports.aspx	Lead portal for operating budgets, economic and fiscal reports and three year projections and quarterly reports
Fiscal Year 2020 Budget Book	https://www2.illinois.gov/sites/budget/Pages/default.aspx	Link to the Governor's Budget Book
State of Illinois Capital Markets	http://www.illinois.gov/gov/budget/capitalmarkets/Pages/default.aspx	Lead portal to the State of Illinois Capital Markets
Illinois Administrative Code	http://www.ilga.gov/commission/jcar/admincode/080/08002200sections.html	Link to Illinois General Assembly's Administrative Code database - CMS State Employees Group Insurance Program Retiree Premium Contributions
Comptroller	http://www.illinoiscomptroller.gov/	Lead portal for all Comptroller based information
Comptroller (CAFR)	https://illinoiscomptroller.gov/financial-data/find-a-report/comprehensive-reporting/comprehensive-annual-financial-report-cafr/	Link to CAFR Library
Comptroller, Traditional Budgetary Financial Report	https://illinoiscomptroller.gov/financial-data/find-a-report/budgetary-reporting/traditional-budgetary-financial-report/	Link to the Traditional Budgetary Financial Report
General Assembly	http://www.ilga.gov/	Lead portal to the Illinois General Assembly
Auditor General	http://www.auditor.illinois.gov/	Lead portal to the Auditor General
College Illinois	http://www.collegeillinois.org/Downloads/Actuarial-Soundness-Report-2018.pdf	Link to the College Illinois actuarial report
Tax Handbook	http://www.ilga.gov/commission/lru/2018TaxHandbook.pdf	Legislative Research Unit handbook on all Illinois taxes
Illinois Department of Revenue	http://iltax.org/	Lead portal to the Department of Revenue
Retirement Systems:		
TRs	http://trsil.org/	Lead portal to Teachers' Retirement System
SURS	http://www.surs.org/	Lead portal to State Universities Retirement System
SERS	http://www.srs.illinois.gov/sers/home_sers.htm	Lead portal to State Employees' Retirement System
JRS	http://www.srs.illinois.gov/Judges/home_jrs.htm	Lead portal to Judges' Retirement System
GARS	http://www.srs.illinois.gov/gars/home_gars.htm	Lead portal to General Assembly Retirement System
Commission on Government Forecasting and Accountability	http://cgfa.ilga.gov/	Lead portal to COGFA, contains its report on the financial condition of the Retirement Systems
Illinois State Board of Investment	http://www.isbinvestment.com	Lead portal to the Illinois State Board of Investment
Illinois Department of Central Management Services	http://www.cms.illinois.gov/	Lead portal to the Illinois Department of Central Management Services
State Actuary Report	http://www.auditor.illinois.gov/Other-Public-Documents/State-Actuary-Reports.asp	Link to the Auditor General's State Actuary Reports
Electronic Municipal Market Access	http://emma.msrb.org/	Lead portal to MSRB's EMMA

[THIS PAGE INTENTIONALLY LEFT BLANK]

APPENDIX G

ACCOUNTING PRACTICES USED IN STATE FINANCIAL INFORMATION

MEASUREMENT BASES

Financial information reported by the State is prepared and reported under one of three measurement bases.

The **cash basis** of accounting recognizes revenues when cash funds are received and ordered into the State Treasury by the Comptroller during the fiscal year. Disbursements are recognized when vouchers have been approved and released for payment by the Comptroller, again during the fiscal year.

The **budget basis** of accounting recognizes revenues using the same approach and timing as the cash basis (with the exception of transfers in when the prior fiscal year had carried over transfers due to the General Funds). Expenditures are recognized when the legal liability is incurred and sufficient appropriation authority exists. Budget basis expenditures also include disbursements made during the two month “lapse period” (for most appropriations) starting July 1 of the subsequent fiscal year. However the liability must have been incurred during the prior fiscal year and sufficient remaining appropriation authority from that fiscal year must also exist.

The **GAAP (Generally Accepted Accounting Principles) basis** of accounting recognizes revenues that were earned during the fiscal year but are actually collected and deposited during the fiscal year plus the first 60 days of the subsequent fiscal year. GAAP basis expenditures are recognized when the legal liability is incurred during the fiscal year, regardless of whether remaining appropriation authority existed from that fiscal year and irrespective of the date when the disbursement is made. Of particular note, Medicaid and group health insurance spending represent the primary instances of expenditures where appropriation authority may have been exceeded but are nevertheless disbursed by statutory authorization (i.e., Section 25 Liabilities) that permits the State to pay such liabilities using available appropriation of the subsequent fiscal year.

DIFFERENCES BETWEEN ACCOUNTING PRACTICES IN TRADITIONAL BUDGETARY FINANCIAL REPORT AND CAFR

Key differences between the accounting practices used in the TBFR and GAAP utilized in preparing the fiscal year CAFR, include the following:

Revenue Recognition:

- The TBFR recognizes as revenues those amounts collected and deposited by June 30 of each fiscal year.
- The CAFR recognizes as revenues amounts earned but collected and deposited no later than 60 days after the end of the fiscal year.

Expenditure and Liability Recognition:

- The TBFR recognizes as expenditures and liabilities only those amounts that are appropriated for that fiscal year, incurred by June 30, and paid no later than December 31 following the end of the fiscal year.

- The CAFR recognizes all expenditures that are incurred and paid by June 30, or that are legal liabilities of that fiscal year, even if such amounts exceed the appropriations for that fiscal year.
- “Section 25 Liabilities” reflect a portion of the difference in TBFR versus CAFR expenditures when insufficient appropriations exist for incurred liabilities. Section 25 refers to statutory authorization that permits the Comptroller to pay such liabilities during the subsequent fiscal year, as shown in Table 5 in the Official Statement, “STATE FINANCIAL INFORMATION—ACCOUNTS PAYABLE—TABLE 5.”

Statutory Transfers:

- The TBFR recognizes transfers in and transfers out on a modified accrual accounting basis wherein the transfer is recognized if statutorily required during a fiscal year even though the actual transfer may occur during the subsequent fiscal year. Under GAAP accounting, the CAFR only recognizes statutory transfers that have been made in cash during the fiscal year.

Pension Expenditures:

- The TBFR reflects statutorily required contributions. Amounts shown in Tables 3 and 4 represent only the General Funds portion (approximately 89% of the total required contribution) as certified by each of the five State pension systems net of the debt service on the Fiscal Year 2003 General Obligation Pension Funding Bonds pursuant to the authorizing statute, net of contributions from other State funds with payroll costs, and net of transfers from the State’s Unclaimed Property Trust Fund.
- For additional differences between statutory funding requirements and GAAP and other important disclosures of the pension obligations of the State, see APPENDIX E—PENSION AND OTHER POST EMPLOYMENT BENEFITS.

Scope of General Funds:

- The TBFR and Tables 3 and 4 in the Official Statement, “STATE FINANCIAL INFORMATION—FINANCIAL RESULTS: FY 2014-FY 2018” and Table G-1 reflect the General Revenue Fund, the Common School Fund, the General Revenue-Common School Special Account Fund and the Education Assistance Fund.²
- The CAFR data in Table G-2 also includes the Budget Stabilization Fund, Medicaid Provider Assessment Program Funds, and certain other funds as more fully described in Note 1 therein. See also “TABLE G-2—Note 1—Cash/Budget to GAAP Perspective Differences” below.

Table G-1 effectively reflects an operating statement that explains the changes during Fiscal Year 2018 in both cash balance as well as fund balance, reflecting the cash basis and budget basis,

² Prior to Fiscal Year 2018, the State’s General Funds included four funds – the General Revenue Fund, the Education Assistance Fund, the Common School Fund, and the General Revenue-Common School Special Account Fund. Public Act 100-23 amended the State Budget Law (15 ILCS 20/50-40) to add the Fund for the Advancement of Education and the Commitment to Human Services Fund (both of which receive a portion of State income tax receipts) and the Budget Stabilization Fund to the State definition of General Funds. Tables, including those in the TBFR, in this Official Statement for Fiscal Year 2017 and earlier reflect the original definition of General Funds, except where noted.

respectively. The left hand column, labeled “Available Balance Concept,” reflects the cash basis results. That column details the change in Available Cash Balance at the beginning of the fiscal year, concluding with the Available Cash Balance at the end of the fiscal year. Total Revenues were detailed in Table 3, while Expenditures reflect cash disbursed during Fiscal Year 2018 which includes prior year lapse period expenditures (detailed in the middle column) as well as expenditures of Fiscal Year 2018.

The right hand column of Table G-1, labeled “Budgetary Balance Concept,” reflects the budget basis results and change in budget basis fund balance during Fiscal Year 2017. Total budget basis revenues are the same as cash basis revenues for the fiscal year (with the exception of Transfers In when the prior fiscal year had carried over transfers due to the General Funds), both reflecting cash receipts during the fiscal year. Budget basis expenditures are disbursements for the Fiscal Year appropriations and statutory transfers. Total expenditures are detailed in Table 4.

Lapse period expenditures are listed in the middle column of Table G-1. Lapse period expenditures are in substance “accounts payable” and the end of column reflects the basic accounting equation of “cash less accounts payable equals budget basis fund balance.” The lapse period amount (i.e., budget basis accounts payable) is subtracted from the ending cash balance resulting in a deficit or surplus.

**TABLE G-1
GENERAL FUNDS SUMMARY OF TRANSACTIONS
FISCAL YEAR ENDED JUNE 30, 2018**

AVAILABLE BALANCE CONCEPT	BEGINNING BALANCES	BUDGETARY BALANCE CONCEPT
<p>\$ 1,077</p>	<p>Available Cash Balance on June 30, 2017</p> <p>Less Lapse Period – Warrants Issued from Fiscal Year 2017 Appropriations and Fiscal Year 2017 Transfers Out:</p> <p style="padding-left: 20px;">Operations \$ 816 Awards and Grants 507 Permanent Improvements 2 Vouchers Payable (June 30) 6,939 Net Transfers Payable (June 30) <u>797</u> Total \$9,061</p> <p>Fund Balance – Budgetary Basis to begin Fiscal Year 2018 \$ (7,984)</p>	
<p style="padding-left: 20px;">291</p> <p>\$ 1,368</p>	<p>Adjustment for Fund Classification Changes <u>21</u></p> <p style="text-align: center;">Adjusted Balances</p> <p style="text-align: center;">PLUS REVENUES</p> <p style="padding-left: 20px;">State Sources:</p> <p style="padding-left: 40px;">Cash Receipts:</p> <p style="padding-left: 60px;">Income Taxes \$19,742 Sales Taxes 7,810 Other Sources 3,451 Transfers In <u>5,015</u> Total, State Sources \$36,018</p> <p style="padding-left: 40px;">Federal Sources:</p> <p style="padding-left: 60px;">Cash Receipts \$ 5,237 Transfers In <u>1</u> Total, Federal Sources \$ 5,238</p> <p style="text-align: center;">Total, Revenues \$41,256</p>	<p style="text-align: right;">\$ (7,963)</p>
<p>From FY 2018 Appropriations and Lapse Period Spending from FY 2017 Appropriations</p> <p style="padding-left: 20px;">\$ 11,464</p> <p style="padding-left: 20px;">23,626</p> <p style="padding-left: 20px;">5</p> <p style="padding-left: 20px;">5</p> <p style="padding-left: 20px;">(3,721)</p> <p style="padding-left: 20px;">(28)</p> <hr style="width: 100%; margin-left: 0;"/> <p style="padding-left: 20px;">\$38,793</p> <p style="padding-left: 20px;">3,901</p> <p>\$42,694</p>	<p style="text-align: center;">LESS EXPENDITURES</p> <p style="padding-left: 20px;">Operations \$ 12,059 Awards and Grants 23,341 Refunds 5 Permanent Improvements 4 Vouchers Payable Adjustment 0 Prior Year Adjustments <u>(28)</u> Total, Warrants Issued \$35,381</p> <p style="padding-left: 20px;">Transfers Out <u>3,610</u></p> <p style="text-align: center;">Total, Expenditures \$38,991</p>	<p>From Fiscal Year 2018 Appropriations</p>
<p>\$ 125</p>	<p style="text-align: center;">EQUALS ENDING BALANCES</p> <p>Available Cash Balance on June 30, 2018</p> <p>Less Lapse Period – Warrants Issued from Fiscal Year 2018 Appropriations and Fiscal Year 2018 Transfers Out:</p> <p style="padding-left: 20px;">Operations \$ 1,418 Awards and Grants 485 Permanent Improvements 1 Vouchers Payable (June 30) 3,218 Net Transfers Payable (June 30) <u>701</u> Total \$5,823</p> <p>Fund Balance – Budgetary Basis to begin Fiscal Year 2019 \$ (5,698)</p>	

Source: Traditional Budgetary Financial Report Fiscal Year 2018; unaudited.

Table G-2, which is presented below, is a General Funds Reconciliation among cash, budgetary and GAAP basis of accounting for Fiscal Year 2018. The information in this table is contained within the State’s CAFR and, as such, information with respect to Fiscal Year 2019 will not be available until the Fiscal Year 2019 CAFR is released. See “AUDITED FINANCIAL STATEMENTS” herein.

**TABLE G-2
STATE OF ILLINOIS
GENERAL FUNDS RECONCILIATION – FISCAL YEAR 2018
(\$ in thousands)**

	Cash Basis	Adjustments for Budgetary Basis	Budgetary Basis	Adjustments for GAAP	GAAP Basis
Revenues:					
Income Taxes (net)	19,741,998	-	19,741,998	157,286	19,899,284
Sales Taxes (net)	7,809,808	-	7,809,808	345,840	8,155,648
Public Utility Taxes (net)	896,053	-	896,053	44,856	940,909
Federal government (net)	5,237,433	-	5,237,433	8,359,898	13,597,331
Other (net)	2,549,900	-	2,549,900	3,143,825	5,693,725
Total revenues	36,235,192	-	36,235,192	12,051,705	48,286,897
Expenditures:					
Current:					
Health and Social Services	15,088,710	(2,072,045)	13,016,665	10,167,923	23,184,588
Education	17,684,168	(2,124,279)	15,559,889	1,937,405	17,497,294
General Government	3,254,391	555,416	3,809,807	(1,762,788)	2,047,019
Employment and Economic Development	63,281	40,956	104,237	29,633	133,870
Transportation	-	4,341	4,341	554,107	558,448
Public Protection and Justice	2,370,649	435,840	2,806,489	(20,634)	2,785,855
Environment and Business Regulation	52,449	13,632	66,081	96,813	162,894
Debt Service:					
Principal	-	-	-	3,055	3,055
Interest	-	-	-	500	500
Capital Outlays	5,377	3,311	8,688	5,459	54,147
Total expenditures	38,519,025	(3,142,828)	35,376,197	11,051,473	46,427,670
Excess of revenues over expenditures	(2,283,833)	3,142,828	858,995	1,000,232	1,859,227
Other sources (uses) of financial resources:					
General Obligation Bonds issued	-	-	-	6,000,000	6,000,000
Premiums on General Obligation Bonds issued	-	-	-	502,402	502,402
Transfers-in	11,641,042	(195,000)	11,446,042	(9,277,493)	2,168,549
Transfers-out	(10,330,944)	291,158	(10,039,786)	6,354,873	(3,684,913)
Capital lease financing	-	-	-	3,089	3,089
Net other (uses) of financial resources	1,310,098	96,158	1,406,256	3,582,871	4,989,127
Excess of revenues over expenditures and net other (uses) of financial resources	(973,735)	3,238,986	2,265,251	4,583,103	6,848,354
Fund balances (deficit), July 1, 2017, as restated	1,098,534	(9,061,608)	(7,963,074)	(6,648,539)	(14,611,613)
Increase (decrease) for changes in inventories	-	-	-	(34)	(34)
Fund balances (deficit), June 30, 2018	124,799	(5,822,622)	(5,697,823)	(2,065,470)	(7,763,293)

Source: Illinois Office of the Comptroller

GENERAL FUNDS RECONCILIATION—TABLE G-2

Table G-2 reconciles the three measurement bases used by the State: cash basis, budget basis and GAAP basis. As described above, Tables 3 and 4 in the Official Statement, “STATE FINANCIAL INFORMATION—FINANCIAL RESULTS: FY 2014-FY2018—Tables 3 and 4” and Table G-1 above reflect underlying detail between the cash and budget bases. Table G-2 draws the revenues and expenditures from those tables and incorporates GAAP basis revenues and expenditures drawn from the Fiscal Year 2018 CAFR.

Two adjustment columns are also incorporated in Table G-2 that detail the amounts necessary to adjust revenues and expenditures from cash basis to budget basis and then from budget basis to GAAP basis amounts. Table G-2 also reports the excess of revenues over expenditures (i.e., operating surplus or deficit) for Fiscal Year 2018 for the three bases equaling an approximately \$974 million deficit on the cash basis, an approximately \$2.265 billion surplus on the budget basis and approximately \$6.848 billion surplus on the GAAP basis. Similarly, ending cash basis fund balance surplus of approximately \$125 million, budget basis fund balance deficit of approximately \$5.698 billion and GAAP basis fund balance deficit of approximately \$7.763 billion, are shown in the bottom line of Table G-2.

While Table G-2 only incorporates select GAAP basis data, the complete CAFR for Fiscal Year 2018, prepared in accordance with GAAP, has been filed on EMMA and is incorporated in this Official Statement by reference. Such report is also available upon request from the Comptroller at (217) 782-6000 or from the Comptroller’s webpage. See APPENDIX F—WEBSITE INDEX. The CAFR for Fiscal Year 2018 was prepared by the Comptroller and examined and certified by the State Auditor General. For Fiscal Year 2018, the Auditor General has expressed an unqualified opinion on the CAFR.

When reviewing Table G-2, the following explanatory notes should be considered in connection with the review of the CAFR for Fiscal Year 2018 (all amounts are presented in thousands of dollars).

Note 1 – Cash-Budget to GAAP Perspective Difference

On the GAAP basis, the Medicaid Provider Assessment Program Funds, the Income Tax Refund Fund and various other funds are reported as part of the General Fund; whereas, they are not considered part of the General Fund on the budgetary basis or the cash basis.

P.A. 100-23 revised the definition of General Funds beginning with Fiscal Year 2018 to include three additional funds: the Fund for the Advancement of Education, the Commitment to Human Services Fund, and the Budget Stabilization Fund. The cash basis and the budgetary basis fund balances as of July 1, 2017 have been restated in the amount of \$21,129 to reflect this change.

Note 2 – Cash to Budget Adjustments

The budgetary basis fund balance deficit of \$5,697,823 equals the June 30, 2018 cash balance of \$124,799 less cash lapse period expenditures and transfers-out of \$5,822,622. Adjustments from the cash basis of accounting for Fiscal Year 2018 to the budgetary basis include adding Fiscal Year 2018 lapse period spending and subtracting Fiscal Year 2017 lapse period spending. Lapse period expenditures are payments between July 1 – August 31 for services received and for goods “encumbered” (ordered or contracted for) on or before June 30 and received no later than August 31 which are paid from Fiscal Year 2018 “lapsing accounts.” Public Act 97-0691 extended the lapse period to December 31 for Fiscal Year 2013 and future fiscal years for medical assistance

payments of the Department of Healthcare and Family Services. In addition, P.A. 100-0587 extended the lapse period to October 31 for Fiscal Year 2018 to allow the State time to pay Fiscal Year 2018 expenditures. Lapse period transfers are statutory transfers approved on or prior to June 30, 2018 but not made until after June 30, 2018.

Note 3 – Budget to GAAP Adjustments

A reconciliation of the budgetary basis vs. GAAP is presented in the Notes to Required Supplemental Information in the CAFR. Significant differences noted in the financial statements include recording accounts receivable, unavailable revenue and accounts payable at year-end. Accounts payable include liabilities which will be paid from future year appropriations (e.g., income tax refunds, Healthcare and Family Services medical reimbursements and payments to local school boards for State Board of Education reimbursement programs).

There were also classification differences between the budgetary basis and GAAP. Interest paid on income tax refunds is reported as general government expenditures for GAAP reporting purposes and as a reduction of revenues in the budgetary presentation. In addition, transfers from the General Revenue Fund to the Common School Fund and from the Common School Special Account to the Common School Fund, which are reported on the budgetary basis, have been eliminated for GAAP reporting purposes.

[THIS PAGE INTENTIONALLY LEFT BLANK]

APPENDIX H
OFFICIAL NOTICE OF BOND SALE AND BID FORMS

[THIS PAGE INTENTIONALLY LEFT BLANK]

OFFICIAL NOTICE OF BOND SALE AND BID FORMS

STATE OF ILLINOIS



**\$750,000,000
GENERAL OBLIGATION BONDS,**

**\$300,000,000
SERIES OF NOVEMBER 2019A**

**\$300,000,000
SERIES OF NOVEMBER 2019B**

**\$150,000,000
SERIES OF NOVEMBER 2019C**

JB PRITZKER
Governor

ALEXIS STURM
Director, Governor's Office of Management and Budget

PAUL CHATALAS
Director of Capital Markets

Bids Will Be Received Via PARITY
On Wednesday, November 6, 2019 Until
10:00 A.M. Central Standard Time for the November 2019A Bonds
10:30 A.M. Central Standard Time for the November 2019B Bonds
11:00 A.M. Central Standard Time for the November 2019C Bonds

As Described Herein

Co-Bond Counsel
CHAPMAN AND CUTLER LLP
HARDWICK LAW FIRM, LLC

[THIS PAGE INTENTIONALLY LEFT BLANK]

Official Notice of Bond Sale

\$750,000,000
State of Illinois
General Obligation Bonds
\$300,000,000 Series of November 2019A
\$300,000,000 Series of November 2019B
\$150,000,000 Series of November 2019C

Notice is hereby given that sealed bids for the Bonds (as defined below) will be received by the Director of the Governor's Office of Management and Budget (the "GOMB") of the State of Illinois (the "State") on Wednesday, November 6, 2019 (the "Bid Date"), via PARITY, at the times and in the manner described below, for the purchase of the following described bonds of the State:

\$300,000,000 General Obligation Bonds, Series of November 2019A (the "November 2019A Bonds"), until 10:00 A.M. (Central Standard Time),

\$300,000,000 General Obligation Bonds, Series of November 2019B (the "November 2019B Bonds"), until 10:30 A.M. (Central Standard Time),

\$150,000,000 General Obligation Bonds, Series of November 2019C (the "November 2019C Bonds"), until 11:00 A.M. (Central Standard Time), and

The November 2019A Bonds, the November 2019B Bonds and the November 2019C Bonds (together, the "Bonds") will be dated the date of issuance thereof, and will be issued in fully registered form, without coupons. The Bonds will be registered in the name of Cede & Co., as nominee of The Depository Trust Company ("DTC"), New York, New York, which will act as securities depository for the Bonds. Individual purchases will be made in book-entry form only, in the principal amount of \$5,000 and any integral multiple thereof. Each Successful Bidder (as hereinafter defined) will not receive certificates representing their interest in the Bonds purchased unless the book-entry system is terminated. The November 2019A Bonds will be payable as to principal on November 1 of each of the years 2020 to 2029, the November 2019B Bonds will be payable as to principal on November 1 of each of the years 2030 to 2039, and the November 2019C Bonds will be payable as to principal on November 1 of each of the years 2040 to 2044, as more fully set forth in the Preliminary Official Statement dated October 25, 2019 (the "Preliminary Official Statement"). The November 2019B Bonds and the November 2019C Bonds are subject to optional

redemption on or after November 1, 2029, as provided in the Preliminary Official Statement. The Bonds of each series will be subject to mandatory sinking fund redemption if the winning bidder exercises the option described in the next sentence. Bidders have the option to designate and aggregate consecutive maturities of a series of Bonds into term bonds, as more fully described in the Preliminary Official Statement. Capitalized terms used in this Official Notice of Bond Sale and not defined herein will have the meanings set forth in the Preliminary Official Statement.

Principal of and interest (payable semiannually on the first day of May and November of each year, beginning on May 1, 2020) on the Bonds will be paid by the State Treasurer to DTC, which will remit such principal and interest to DTC's participants, who in turn will be responsible for remitting such payments to the beneficial owners of the Bonds, all as more fully described in the Preliminary Official Statement.

Bids for a series of the Bonds shall be submitted electronically via PARITY pursuant to this Official Notice of Bond Sale until the respective time set for the sale of such Bonds as specified above, but no bid will be received after the respective time set as specified above for receiving bids for such series of the Bonds. **Any prospective bidder that intends to submit a bid must submit its bid through PARITY. No in-person or faxed bids will be accepted.** Subscription to i-Deal's PARITY Competitive Bidding System is required in order to submit an electronic bid. The State will neither confirm any subscription nor be responsible for the failure of any prospective bidder to subscribe.

An electronic bid made through the facilities of PARITY shall be deemed to incorporate the provisions of this Official Notice of Bond Sale and the respective Official Bid Form for each series of the Bonds. Any such electronic bid shall be deemed to constitute an irrevocable offer to purchase the Bonds for which a bid is submitted on the terms provided herein and shall be binding upon each Successful Bidder. The State shall not be responsible for any malfunction or mistake made by, or as a result of the use of the facilities of PARITY, the use of such facilities being the sole risk of the prospective bidder.

If any provisions of this Official Notice of Bond Sale shall conflict with any instructions or directions set forth in PARITY, the terms of this Official Notice of Bond Sale shall control. For further information about PARITY, potential bidders may contact Ipreo at 1359 Broadway, 2nd Floor, New York, New York 10018, and by telephone at (212) 849-5021. All costs and expenses incurred by potential bidders in connection with their registration and submission of bids via PARITY (including any legal expenses) are the sole responsibility of the bidders, and the State is not responsible, directly or indirectly, for any of such costs or expenses.

SECURITY

The Bonds are direct, general obligations of the State ("GO Bonds"), and, pursuant to the General Obligation Bond Act of the State, as amended (the "Bond Act"), the full faith and credit of the State is pledged for the punctual payment of interest on all GO Bonds issued under the Bond

Act, including the Bonds, as it comes due and for the punctual payment of the principal thereof at maturity, or any earlier redemption date, and premium, if any. These provisions are irrevocable until all GO Bonds issued under the Bond Act are paid in full as to both principal and interest, all as more particularly set forth in the Preliminary Official Statement.

RATINGS AND BOND INSURANCE

Moody's Investors Service, Inc. has assigned a rating of "Baa3" (Stable Outlook) to the Bonds, S&P Global Ratings has assigned a rating of "BBB-" (Stable Outlook) to the Bonds and Fitch Ratings Inc. has assigned a rating of "BBB" (Stable Outlook) to the Bonds. Additional information about the ratings on the Bonds is set forth in the Preliminary Official Statement. As part of the State's application for such ratings, certain information and materials, some of which are not contained herein, have been supplied to such rating agencies. The ratings are neither a "market" rating nor a recommendation to buy, sell or hold the Bonds and the ratings and the Bonds should be evaluated independently.

The State is not securing the Bonds with bond insurance or any other form of credit enhancement.

Bidders, at their own expense, may elect to insure all or a portion of a series of the Bonds, and such insurance may be obtained from one or more bond insurance providers identified by the Successful Bidder on the Official Bid Form.

The Successful Bidder for a series of the Bonds agrees to disclose to the State the cost of any such insurance obtained from each (if more than one) insurance provider used, and to which serial bond or term bond maturity or maturities such insurance applies. The Successful Bidder must certify to the net interest cost benefit from the use of bond insurance, as more fully described in Part IV of the form of Certificate of Purchaser attached hereto in Exhibit I (the "Certificate of Purchaser"). Insured ratings with the use of bond insurance, if required, are to be applied for by the Successful Bidder, and costs incurred for such ratings must be paid at the Successful Bidder's expense.

BIDDING DETAILS

Each series of the Bonds hereby offered will be awarded to the bidder (each a "Successful Bidder") whose bid conforms to the terms of this Official Notice of Bond Sale and which bid results in the lowest "true interest cost" ("TIC") for the related series of the Bonds, determined as follows: The TIC is the discount rate (expressed as a per-annum percentage rate) which, when used in computing the present value of all principal and interest to be paid on the applicable series of the Bonds, from the scheduled payment dates back to the date of delivery, produces a present value amount equal to the price bid, including premium or discount, if any, to the date of delivery. Payments of principal and interest on each series of the Bonds shall be based on the principal amount set forth in the related Official Bid Form and the interest rates specified by the Successful Bidder for such series of the Bonds. The computation of present value shall be based on the

number of semiannual periods between the scheduled payment dates and the date of delivery, using a 360-day year of twelve 30-day months.

In the event of more than one bid for a series of the Bonds specifying the lowest TIC as defined above, it shall be the option of the State to propose that the Successful Bidders for such series of the Bonds syndicate the award as such bidders may mutually agree, or to select by lot among the bidders with the lowest TIC, in which case such determination by the State shall be considered final.

In the event of more than one Successful Bidder for a series of the Bonds, there shall be decided between them which bidder shall assume the primary role of Successful Bidder with respect to such series of the Bonds, including the payment of expenses, good faith deposit, and other disclosures and representations as required herein.

Bidders are to specify a rate of interest per annum to be paid on each maturity of the related series of Bonds, subject to the following limitations:

(i) all Bonds of the same series and maturity year (whether a serial maturity or a wholly designated and consecutive sinking fund redemption of a term bond as provided in the Preliminary Official Statement) must bear the same rate of interest and no one Bond shall bear more than one rate of interest;

(ii) bidders are invited to name the rate of interest per annum that each maturity of the related series of the Bonds are to bear in multiples of (i) with respect to the November 2019A Bonds, one-hundredth (1/100th) of one percent, (ii) with respect to the November 2019B Bonds, one-eighth (1/8th) or one-twentieth (1/20th) of one percent and (iii) with respect to the November 2019C Bonds, one-eighth (1/8th) or one-twentieth (1/20th) of one percent;

(iii) a zero rate of interest may not be named, and no rate of interest may exceed 5.00%;

(iv) the price at which the November 2019A Bonds are initially purchased from the State must be at least 98.5% and no greater than 113% of the par value of the November 2019A Bonds;

(v) the price at which the November 2019B Bonds are initially purchased from the State must be at least 98.5% and no greater than 120% of the par value of the November 2019B Bonds; and

(vi) the price at which the November 2019C Bonds are initially purchased from the State must be at least 98.5% and no greater than 114% of the par value of the November 2019C Bonds.

Proposals may specify any number of interest rates, subject to clauses (i) through (vi) above, and all bids must be in compliance with the limitations on the costs of issuance, including

underwriter's discount, described in the bold-faced section captioned, "LIMITATIONS ON COSTS OF ISSUANCE; BIDDER WILL PAY COSTS OF ISSUANCE" below.

Each Successful Bidder will be required to post a good faith deposit in the amount of \$500,000 (the "Deposit") for the related series of the Bonds by wire transfer to be received by the State Treasurer prior to 1:00 P.M. (Central Standard Time) on the Bid Date. GOMB will provide wire transfer directions at the time of the award.

The State may hold the proceeds of any Deposit or invest the same (at the State's risk) in obligations that mature at or before the delivery of the Bonds, until disposed of as follows: (a) at the delivery of the Bonds and upon compliance with the Successful Bidder's obligation to take up and pay for the Bonds, the full amount of such Deposit held by the State, without adjustment for interest, shall be applied toward the purchase price of the related series of the Bonds at that time, and the full amount of any interest earnings thereon shall be retained by the State, and (b) if the Successful Bidder fails to take up and pay for such Bonds when tendered, the full amount of such Deposit plus any interest earnings thereon will be forfeited to the State as liquidated damages.

Action awarding the Bonds of a series or rejection of all bids for a series of the Bonds, will be taken no later than three hours after expiration of the time prescribed in this Official Notice of Bond Sale for the receipt of bids. Notice of award will be given promptly to each Successful Bidder. The right is reserved to reject any or all bids and to waive any irregularity or informality in any bid.

The Successful Bidder for each series of the Bonds will be required, on or prior to the date of issue of such Bonds (or, in the case such Successful Bidder elects the "hold-the-offering-price rule" as defined below, on the Bid Date), to actually offer 100% of each maturity of the respective series of Bonds to the public (as hereinafter defined) in a bona fide public offering at the Initial Offering Price (as hereinafter defined). Prior to the delivery of each respective series of Bonds, the Successful Bidder for such series of the Bonds must submit to the State the Certificate of Purchaser, in the form attached hereto as Exhibit I, with such modifications as may be appropriate or necessary, in the reasonable judgment of the State and Chapman and Cutler LLP and Hardwick Law Firm, LLC ("Co-Bond Counsel"), as described under "ESTABLISHMENT OF ISSUE PRICE" herein.

Each Successful Bidder will request assignment of CUSIP* numbers for each maturity of the respective series of the Bonds. All expenses for the printing of the CUSIP numbers, including the CUSIP Global Services charge for the assignment of said numbers, shall be the responsibility of, and shall be paid for by, each such Successful Bidder.

Pursuant to the Bond Act, each Successful Bidder will be required to provide to GOMB (i) the respective percentages of participation and compensation of each underwriter in its bidding syndicate pursuant to an Agreement Among Underwriters or other arrangement among the members of the bidding syndicate and (ii) an identification of which members in the bidding

* CUSIP is a registered trademark of the American Bankers' Association.

syndicate are minority owned businesses, female owned businesses and businesses owned by persons with disabilities (as such firms are defined in the Business Enterprise for Minorities, Females, and Persons with Disabilities Act of the State, as amended; see 30 ILCS 575/0.01 et seq.). Such disclosure will be made part of a publicly disclosed GOMB report and will be posted on GOMB's website.

It is the policy of the State and GOMB to encourage, but not require, that at least 5% of each series of the Bonds are underwritten by minority owned firms, at least 5% of each series of the Bonds are underwritten by woman owned firms, and at least 2% of each series of the Bonds are underwritten by firms owned by persons with disabilities. It is also the policy of the State and GOMB to encourage, but not require, the formation of bidding groups for the submission of bids.

In order for each Successful Bidder to be awarded the related Bonds, each Successful Bidder must also certify that it did not and will not pay a contingent fee, whether directly or indirectly, to a third party for having promoted the award of the Bonds to such Successful Bidder.

The State reserves the right to cancel or amend this Official Notice of Bond Sale and reject any and all bids for any reason.

LIMITATIONS ON COSTS OF ISSUANCE; BIDDER WILL PAY COSTS OF ISSUANCE

State law requires that no more than 0.5% of the principal amount of the proceeds of sale of each series of the Bonds be used to pay the reasonable costs of issuance and sale, including, without limitation, underwriter's discount and fees, but excluding bond insurance. The costs of issuance, other than underwriter's discount and fees, for each series of the Bonds consist of, without limitation, the fees of Co-Bond Counsel, PFM Financial Advisors LLC (the "Municipal Advisor"), the rating agencies and printing expenses, and are in amounts as follows: (i) \$196,230 for the November 2019A Bonds, (ii) \$196,230 for the November 2019B Bonds, and (iii) \$103,115 for the November 2019C Bonds (the "*Non-Underwriter's Discount Costs of Issuance*"). Therefore, the maximum underwriter's discount with respect to each series of the Bonds is as follows: (i) \$1,303,770 for the November 2019A Bonds, (ii) \$1,303,770 for the November 2019B Bonds, and (iii) \$646,885 for the November 2019C Bonds. The purchase price specified by each bidder in its submitted bid should equal the par amount of the Bonds of the applicable series, plus original issue premium or minus original issue discount, less the underwriter's discount, without regard to the Non-Underwriter's Discount Costs of Issuance (the "*Purchase Price*").

Each Successful Bidder, as the purchaser of a series of the Bonds, shall provide for the payment of all costs of issuance with respect to such series of the Bonds from the net proceeds of the sale of the Bonds. At Closing, each Successful Bidder will wire to the State with respect to each series of the Bonds an amount equal to the Purchase Price for such series of the Bonds less the amount of the Non-Underwriter's Discount Costs of Issuance, which will be retained by such Successful Bidder and be used by the Successful Bidder to pay the costs of issuance. Each Successful Bidder agrees to make payment for such expenses within 15 business days following receipt of invoices presented by the State.

The State reserves the right to adjust the expenses allocated to any series of the Bonds prior to the date of sale. Any such adjustments will be specified in a supplement to this Official Notice of Bond Sale issued no later than 12:00 P.M. (Central Standard Time) on the day prior to the Bid Date.

CHANGE OF BID DATE OR TIME

The State reserves the right to change, from time to time, the date and/or time established for the receipt of bids and will undertake to notify registered prospective bidders via notification published via PARITY.

A change of the bid date and/or time will be announced via PARITY not later than 9:00 A.M., Central Standard Time, on the day prior to the Bid Date or any alternative announced date for receipt of bids, and an alternative sale date and time will be announced via PARITY at least 12 hours prior to such alternative date and/or time for receipt of bids.

On any such alternative date and/or time for receipt of bids, the State will accept electronic bids for the purchase of each series of the Bonds, such bids to conform in all respects to the provisions of this Official Notice of Bond Sale, except for the changes in the date and/or time for receipt of bids and any other changes announced via PARITY at the time the date and time for receipt of bids are announced.

ESTABLISHMENT OF ISSUE PRICE

(a) The Successful Bidder with respect to each series of the Bonds shall assist the State in establishing the issue price of each maturity of the respective series of the Bonds and shall execute and deliver to the State on the hereinafter defined Closing Date an “issue price” or similar certificate setting forth the reasonably expected initial offering price to the public or the sales price or prices of each maturity of the respective series of the Bonds, together with the supporting pricing wires or equivalent communications, substantially in the form of the Certificate of Purchaser attached hereto as Exhibit I, with such modifications as may be appropriate or necessary, in the reasonable judgment of the State and Co-Bond Counsel. All actions to be taken by the State under this Official Notice of Bond Sale to establish the issue price of each series of the Bonds may be taken on behalf of the State by the Municipal Advisor and any notice or report to be provided to the State may be provided to the Municipal Advisor. Within one hour of the award, the Successful Bidder for each series of the respective series of the Bonds will provide to the State the expected Initial Offering Price of each maturity of the respective series of the Bonds, which such Successful Bidder used in formulating its bid for the respective series of the Bonds.

(b) The State intends that the provisions of Treasury Regulation Section 1.148-1(f)(3)(i) (defining “competitive sale” for purposes of establishing the issue price of the Bonds) will apply to the initial sale of the respective series of the Bonds (the “competitive sale requirements”) because:

(1) the State shall disseminate this Official Notice of Bond Sale to potential underwriters in a manner that is reasonably designed to reach potential underwriters;

(2) all bidders for the respective series of the Bonds shall have an equal opportunity to bid, and no bidder will have the opportunity to review other bids before providing a bid;

(3) the State may receive, with respect to the respective series of the Bonds, bids from at least three underwriters of municipal bonds who have established industry reputations for underwriting new issuances of municipal bonds; and

(4) the State anticipates awarding the sale of the respective series of the Bonds to the bidder for the Bonds who submits a firm offer to purchase the Bonds at the lowest TIC, as set forth in this Official Notice of Bond Sale.

Any bid submitted pursuant to this Official Notice of Bond Sale shall be considered a firm offer for the purchase of the respective series of the Bonds, as specified in the bid.

(c) In the event that the competitive sale requirements are not satisfied with respect to the Bonds, the State shall so advise the Successful Bidder for the Bonds. Subject to such Successful Bidder electing the hold-the-offering-price rule hereinafter described, the State shall then treat the first price at which 10% of a maturity of the Bonds (the “10% test”) is sold to the public as the issue price of such maturity of the Bonds. Such Successful Bidder shall advise the State if such maturity of the Bonds satisfies the 10% test as of the date and time of the award of the Bonds. The State will *not* require bidders to comply with the “hold-the-offering-price rule” and therefore does not intend to use the initial offering price to the public as of the sale date of any maturity of the Bonds as the issue price of that maturity, unless the Successful Bidder for the Bonds elects to comply with the hold-the-offering-price rule for such maturity. Bids will *not* be subject to cancellation in the event that the competitive sale requirements are not satisfied. *Bidders should prepare their bids on the assumption that the Bonds will be subject to the 10% test in order to establish the issue price of the Bonds, unless the Successful Bidder for the Bonds elects to comply with the hold-the-offering-price rule for the Bonds.*

(d) Until the 10% test has been satisfied as to a maturity of the Bonds, the Successful Bidder for the Bonds agrees to promptly report to the State the prices at which the unsold Bonds of such maturity have been sold to the public; this reporting obligation shall only extend to the Closing Date if the competitive sale requirements are satisfied. If the competitive sale requirements are not satisfied or the Successful Bidder for the Bonds has not elected to apply the hold-the-offering-price rule with respect to the Bonds, that reporting obligation shall continue, whether or not the Closing Date has occurred, until the 10% test has been satisfied as to such maturity of the Bonds or until all Bonds of that maturity have been sold to the public. In the event the Successful Bidder for the Bonds elects to apply the hold-the-offering-price rule to the Bonds, the reporting obligation described immediately above shall only continue to the Closing Date with respect to the Bonds.

(e) By submitting a bid, each bidder confirms that: (i) any agreement among underwriters, any selling group agreement and each retail distribution agreement (to which the bidder is a party) relating to the initial sale of the Bonds to the public, together with the related pricing wires, contains or will contain language obligating each underwriter, each dealer who is a

member of the selling group, and each broker-dealer that is a party to such retail distribution agreement, as applicable, to report the prices at which it sells to the public the unsold Bonds of each maturity allotted to it until it is notified by the Successful Bidder for the Bonds that either the 10% test has been satisfied as to such maturity of the Bonds or all Bonds of such maturity have been sold to the public, if and for so long as directed by the respective Successful Bidder and as set forth in the related pricing wires, and (ii) any agreement among underwriters relating to the initial sale of the Bonds to the public, together with the related pricing wires, contains or will contain language obligating each underwriter that is a party to a retail distribution agreement to be employed in connection with the initial sale of the Bonds to the public to require each broker-dealer that is a party to such retail distribution agreement to report the prices at which it sells to the public the unsold Bonds of each maturity allotted to it until it is notified by the Successful Bidder for the Bonds or such underwriter that either the 10% test has been satisfied as to the Bonds of such maturity, or all Bonds of such maturity have been sold to the public, if and for so long as directed by the Successful Bidder for the Bonds or such underwriter for the Bonds and as set forth in the related pricing wires, which shall be at least until the 10% test has been satisfied as to such maturity of the Bonds or until all Bonds of such maturity have been sold to the public.

(f) The State is not requiring the application of the hold-the-offering-price rule (defined in (g) below) to the Bonds. The Successful Bidder for the Bonds may elect to apply the hold-the-offering-price rule to the Bonds.

(g) The State may determine to treat (i) the first price at which 10% of a maturity of the Bonds is sold to the public as the issue price of that maturity and/or (ii) if the Successful Bidder for a the Bonds elects to apply the hold-the-offering-price rule, as described below, to any maturity of such series of the Bonds, the initial offering price to the public as of the sale date of the Bonds as the issue price of such maturity of the Bonds (the “hold-the-offering-price rule”). The Successful Bidder for the Bonds may, in its discretion, agree to apply the hold-the-offering-price rule to the Bonds. The State is not requiring the that the Bonds be subject to the hold-the-offering-price rule. If the Successful Bidder for the Bonds so elects to apply the hold-the-offering-price rule to the Bonds, which election will be made in the report of the final interest rates and prices of each maturity of the Bonds agreed to between the Successful Bidder for the Bonds and the State, such Successful Bidder shall (i) confirm that the underwriters have offered or will offer each maturity of the Bonds to the public on or before the date of award at the offering price (the “initial offering price”), or at the corresponding yield, set forth in the bid submitted by such Successful Bidder and (ii) agree, on behalf of the underwriters participating in the purchase of the Bonds, that the underwriters will neither offer nor sell unsold Bonds of a maturity to any person at a price that is higher than the initial offering price to the public during the period starting on the sale date and ending on the earlier of the following:

- (1) the close of the fifth (5th) business day after the sale date; or
- (2) the date on which the underwriters have sold at least 10% of such maturity of the Bonds to the public at a price that is no higher than the initial offering price to the public.

(h) Sales of any Bonds to any person that is a related party to an underwriter shall not constitute sales to the public for purposes of this Official Notice of Bond Sale. Further, for purposes of this Official Notice of Bond Sale:

(1) “public” means any person other than an underwriter or a related party,

(2) “underwriter” means (A) any person that agrees pursuant to a written contract with the State (or with the lead underwriter to form an underwriting syndicate) to participate in the initial sale of the Bonds to the public and (B) any person that agrees pursuant to a written contract directly or indirectly with a person described in clause (A) to participate in the initial sale of the Bonds to the public (including a member of a selling group or a party to a retail distribution agreement participating in the initial sale of the Bonds to the public),

(3) a purchaser of any of the Bonds is a “related party” to an underwriter if the underwriter and the purchaser are subject, directly or indirectly, to (i) at least 50% common ownership of the voting power or the total value of their stock, if both entities are corporations (including direct ownership by one corporation of another), (ii) more than 50% common ownership of their capital interests or profits interests, if both entities are partnerships (including direct ownership by one partnership of another), or (iii) more than 50% common ownership of the value of the outstanding stock of the corporation or the capital interests or profit interests of the partnership, as applicable, if one entity is a corporation and the other entity is a partnership (including direct ownership of the applicable stock or interests by one entity of the other), and

(4) “sale date” means the date that the Bonds are awarded by the State to the Successful Bidder for the Bonds.

PROVISIONS RELATING TO RULE 15c2-12

Preliminary Official Statement

The State has deemed the Preliminary Official Statement “final” as of its date for purposes of Section (b)(1) of Rule 15c2-12 (the “Rule”) adopted by the Securities and Exchange Commission under the Securities Exchange Act of 1934, as amended, except for such information which is permitted to be omitted pursuant to Section (b)(1) of the Rule.

Final Official Statement

Upon the sale of the Bonds, the State will publish an Official Statement in substantially the same form as the Preliminary Official Statement subject to minor additions, deletions and revisions as required to complete the Official Statement. By submission of its bid, each Successful Bidder will be deemed to have certified that it has obtained and reviewed the Preliminary Official Statement. The State will provide each Successful Bidder with a reasonable number (not to exceed 20) of final Official Statements no later than seven business days following the date of sale. Each Successful Bidder agrees to supply to the State all necessary pricing information and any

underwriter identification necessary to complete the Official Statement within 24 hours after the award of the Bonds. A reoffering price and yield must be provided for each bond maturity, and may not be indicated as “not reoffered.”

The Director of GOMB will deliver to each Successful Bidder at closing a certificate confirming that, to her knowledge, the Official Statement was, as of its date, and is, at the time of closing, true and correct in all material respects, and that the Official Statement did not and does not contain an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements made therein, in light of the circumstances under which they were made, not misleading.

Continuing Disclosure

The State will enter into a written agreement or contract, constituting an undertaking (the “Undertaking”) to provide ongoing disclosure about the State for the benefit of the beneficial owners of the Bonds on or before the date of delivery of the Bonds as required under Section (b)(5) of the Rule 15c2-12. The form of the Undertaking is set forth as APPENDIX D to the Preliminary Official Statement. Information with respect to the State’s compliance with prior continuing disclosure undertakings for the last five years can be found in “CONTINUING DISCLOSURE” in the Preliminary Official Statement. The obligation of each Successful Bidder to purchase the respective series of the Bonds shall be conditioned upon the State delivering the Undertaking on or before the date of delivery of the Bonds.

On May 14, 2012, the State adopted disclosure policies and procedures. Such policies and procedures were amended on March 15, 2019, to incorporate procedures related to the two additional reportable events added by amendments to the Rule, which will be included in the Undertaking executed by the State in connection with the issuance of the Bonds.

OTHER MATTERS

The separate approving opinions of Chapman and Cutler LLP and Hardwick Law Firm, LLC, covering the legality of and federal tax treatment of the interest on each series of the Bonds, the forms of which are set forth as APPENDIX B in the Preliminary Official Statement, will be furnished to the Successful Bidder, as the purchaser of the respective series of the Bonds, as described above, and all bids must be so conditioned. The State will provide the usual closing certificates dated as of the date of delivery of and payment for the Bonds, including a statement that there is no litigation pending, or to the knowledge of the signer thereof, threatened, affecting the legality of the Bonds.

The Bonds are expected to be ready for delivery on or about November 21, 2019 (the “Closing Date”), and at delivery will be registered in the name of Cede & Co., as described above. Delivery of the Bonds will be made to DTC in New York, New York, without cost to the Successful Bidders. Payment for the Bonds must be made in Federal Reserve Bank funds which will be immediately available in Chicago on the day of delivery. Each Successful Bidder shall have the right, at its option, to cancel the contract to purchase the Bonds if such series of the Bonds is not tendered for delivery to the respective Successful Bidder within 30 days from the date of

sale thereof, and in such event the respective Successful Bidder shall be entitled to the return of its Deposit. The State shall have the right, at its option, to cancel the contract of purchase if upon tender of the Bonds for delivery, a Successful Bidder shall not have accepted delivery and paid for such series of the Bonds, in which event its Deposit, without adjustment for interest, accompanying such bid shall be forfeited to the State as payment of damages for failure to comply with the contract of purchase for such Bonds.

The Preliminary Official Statement, this Official Notice of Bond Sale and the Official Bid Forms, together with other pertinent information, may be obtained from the Municipal Securities Rulemaking Board's Electronic Municipal Market Access System or as follows:

From the State of Illinois, Governor's Office of Management and Budget, Attention: Paul Chatalas, 100 West Randolph Street, Suite 15-100, Chicago, Illinois 60601, Telephone: (312) 814-0023, Email: Paul.Chatalas@illinois.gov.

From Chapman and Cutler LLP, Co-Bond Counsel, Attention: Kelly Kost, 111 West Monroe Street, Chicago, Illinois 60603, Telephone: (312) 845-3875, Email: kost@chapman.com.

From PFM Financial Advisors LLC, Municipal Advisor, Attention: Adela Cepeda, 190 South LaSalle Street, Suite 2000, Chicago, Illinois 60603, Telephone: (312) 523-2425, Email: cepedaa@pfm.com.

Dated this 25th day of October, 2019.

JB PRITZKER
Governor

ALEXIS STURM
Director,
Governor's Office of Management and Budget

PAUL CHATALAS
Director of Capital Markets

EXHIBIT I

FORM OF CERTIFICATE OF PURCHASER STATE OF ILLINOIS GENERAL OBLIGATION BONDS, SERIES OF NOVEMBER 2019[___]

(To be provided by the State for execution and delivery by Successful Bidder prior to closing)

The undersigned, on behalf of _____ (the “Purchaser”), hereby certifies as set forth below with respect to the sale and issuance of the above-captioned obligations (the “Bonds”).

I. General

1. On the Sale Date, the Purchaser purchased the Bonds from the State of Illinois (the “State”) by submitting electronically an “Official Bid Form” responsive to an “Official Notice of Bond Sale” and having its bid accepted by the State. The Purchaser has not modified the terms of the purchase since the Sale Date.

II. Price

[Competitive Sale Rules (3 bids received)]

[1. Reasonably Expected Initial Offering Price.

(a) As of the Sale Date, the reasonably expected initial offering price of each Maturity of the Bonds to the Public by the Purchaser is the price listed in *Schedule A* (the “Expected Offering Prices”). The Expected Offering Price is the price for such Maturity of the Bonds used by the Purchaser in formulating its bid to purchase the Bonds. Attached as *Schedule B* is a true and correct copy of the bid provided by the Purchaser to purchase the Bonds.

(b) The Purchaser was not given an exclusive opportunity to review other bids prior to submitting its bid.

(c) The bid submitted by the Purchaser constituted a firm offer to purchase the Bonds.]

[10% Test – All Bonds Sold]

[1. As of the date of this certificate, the first price at which at least 10% of each Maturity of the Bonds was sold to the Public is the respective price listed in *Schedule C*.]

[10% Test – Not All Bonds Sold]

[1. As of the date of this certificate, the Purchaser has not sold at least 10% of each Maturity of the Bonds at any price.

2. As of the date of this certificate, the Purchaser reasonably expects that the first sale to the Public of an amount of each Maturity of the Bonds equal to 10% or more will be at or below the Expected Sale Price for such Maturity listed on the attached *Schedule A* (the “*Expected First Sale Price*”).

3. The Purchaser agrees to comply with the price reporting requirements with respect to the Bonds as set forth in the Official Notice of Bond Sale for the Bonds under the caption “ESTABLISHMENT OF ISSUE PRICE.”]

[Hold the Offer Price]

[1. The Purchaser offered each Maturity of the Bonds to the Public for purchase at the initial offering price listed in *Schedule A* (the “Initial Offering Price”) on or before the Sale Date. A copy of the pricing wire or equivalent communication for the Bonds is attached to this certificate as *Schedule B*.

2. As set forth in the Official Notice of Bond Sale and bid award, the Purchaser has agreed in writing that, (i) it would neither offer nor sell any of the Bonds of such Maturity to any person at a price that is higher than the Initial Offering Price during the Holding Period for such Maturity (the “*Hold-The-Offering-Price Rule*”), and (ii) any selling group agreement would contain the agreement of each dealer who is a member of the selling group, and any retail distribution agreement would contain the agreement of each broker-dealer who is a party to the retail distribution agreement, to comply with the Hold-The-Offering-Price Rule.

3. No Underwriter (as defined below) has offered or sold any Bonds of any Maturity at a price that is higher than the respective Initial Offering Price during the Holding Period.]

III. Definitions

(a) *Holding Period* means the period starting on the Sale Date and ending on the earlier of (i) the close of the fifth business day after the Sale Date (_____, 2019), or (ii) the date on which the Purchaser has sold at least 10% of the Bonds to the Public at prices that are no higher than the Initial Offering Price.

(b) *Maturity* means Bonds with the same credit and payment terms. Bonds with different maturity dates, or Bonds with the same maturity date but different stated interest rates, are treated as separate maturities.

(c) *Public* means any person (including an individual, trust, estate, partnership, association, company, or corporation) other than an Underwriter or a Related Party to an Underwriter.

(d) A person is a “*Related Party*” to an Underwriter if the Underwriter and the person are subject, directly or indirectly, to (i) at least 50% common ownership of the voting power or the total value of their stock, if both entities are corporations (including direct ownership by one corporation of another), (ii) more than 50% common ownership of their capital interests or profits interests, if both entities are partnerships (including direct ownership by one partnership of another), or (iii) more than 50% common ownership of the value of the outstanding stock of the corporation or the capital interests or profit interests of the partnership, as applicable, if one entity is a corporation and the other entity is a partnership (including direct ownership of the applicable stock or interests by one entity of the other).

(e) *Sale Date* means the first day on which there is a binding contract in writing for the sale of the Bonds. The Sale Date of the Bonds is November 6, 2019.

(f) *Underwriter* means (i) any person that agrees pursuant to a written contract with the State (or with the lead underwriter to form an underwriting syndicate) to participate in the initial sale of the Bonds to the Public, and (ii) any person that agrees pursuant to a written contract directly or indirectly with a person described in clause (i) of this paragraph to participate in the initial sale of the Bonds to the Public (including a member of a selling group or a party to a retail distribution agreement participating in the initial sale of the Bonds to the Public).

[IV. Bond Insurance Provisions, if required

The present value of the fees paid and to be paid for the Credit Facility (using as a discount rate the expected Yield on the Bonds treating the fee paid as interest on the Bonds) is less than the present value of the interest reasonably expected to be saved on the Bonds over the term of the Bonds as a result of the Credit Facility. The fees paid and to be paid for the Credit Facility does not exceed a reasonable, arm’s-length charge for the transfer of credit risk. The fee does not include any payment for any direct or indirect services other than the transfer of credit risk.]

V. Use of Representations and Certifications

The representations set forth in this certificate are limited to factual matters only. Nothing in this certificate represents the Purchaser’s interpretation of any laws, including specifically Sections 103 and 148 of the Internal Revenue Code of 1986, as amended, and the Treasury Regulations thereunder. The undersigned understands that the foregoing information will be relied upon by the State with respect to certain of the representations and with respect to compliance with the federal income tax rules affecting the Bonds, and by Chapman and Cutler LLP and Hardwick Law Firm, LLC, Co-Bond Counsel, in connection with rendering their opinions concerning interest on the Bonds, the preparation of the Internal Revenue Service Form 8038-G, and other federal income tax advice that it may give to the State from time to time relating to the Bonds.

All terms not defined herein shall have the same meanings as in the Tax Exemption Certificate and Agreement with respect to the Bonds, to which this Certificate is attached.

Dated: _____, 2019

Very truly yours,

By _____
Its _____

OFFICIAL BID FORM – SERIES OF NOVEMBER 2019A BONDS

Alexis Sturm
 Director, Governor’s Office of Management and Budget
 State of Illinois

November 6, 2019

For the General Obligation Bonds, Series of November 2019A (the “Bonds”), dated the date of issuance thereof, maturing as set forth below, and which Bonds are to be full faith and credit obligations of the State of Illinois as set forth in the Official Notice of Bond Sale, which is made a part hereof by reference, we will pay you the sum of:

\$ _____ (1)

(Purchase price not to be less than 98.5% and no greater than 113% of the aggregate par amount of the Bonds).

The \$300,000,000 aggregate principal amount of Bonds are to bear interest at the following respective interest rates (each a multiple of 1/100th of 1%), none of which exceed 5.00% for the Bonds of each designated November 1 maturity.(2)

\$30,000,000	2020	_____ %
30,000,000	2021	_____ %
30,000,000	2022	_____ %
30,000,000	2023	_____ %
30,000,000	2024	_____ %
30,000,000	2025	_____ %
30,000,000	2026	_____ %
30,000,000	2027	_____ %
30,000,000	2028	_____ %
30,000,000	2029	_____ %

The Bonds are not subject to optional redemption prior to maturity.

(1) As provided in the Official Notice of Bond Sale under the heading “LIMITATIONS ON COSTS OF ISSUANCE; BIDDER WILL PAY COSTS OF ISSUANCE,” the Purchase Price equals the par amount of the Bonds of the applicable series, plus original issue premium or minus original issue discount, less the underwriter’s discount, without regard to the Non-Underwriter’s Discount Costs of Issuance (as defined in the Official Notice of Sale). At Closing, the purchaser will wire to the State an amount equal to the Purchase Price for the Bonds less the amount of the Non-Underwriter’s Discount Costs of Issuance, which will be retained by the purchaser and be used by the purchaser to pay the costs of issuance.

(2) Bidders should carefully review the interest rate limitations and specifications set forth in the Official Notice of Bond Sale under the heading “BIDDING DETAILS.” All Bonds of the same maturity year must bear the same rate of interest and no one Bond shall bear more than one rate of interest.

We hereby specify that the following Bonds be designated and aggregated into term bonds maturing on November 1 of the following years and in the following amounts (leave blank if no term bonds are specified):

MATURITIES DESIGNATED AND AGGREGATED	YEAR OF TERM BOND MATURITY	PRINCIPAL AMOUNT
20__ through 20__	_____	\$ _____
20__ through 20__	_____	_____
(add additional term bonds as appropriate)		

Each designated maturity of term bonds shall be subject to mandatory sinking fund redemption at par in one or more consecutive years immediately preceding the year of maturity. Such mandatory sinking fund redemptions and payments at maturity shall be in the respective principal amounts shown on the inside cover of the Preliminary Official Statement and may not overlap with such payments of another term or serial bond. Serially maturing bonds may intervene between maturities of optionally designated term bonds.

The Bonds are to be executed and delivered to us in accordance with the terms of this bid accompanied by the approving legal opinions of Chapman and Cutler LLP and Hardwick Law Firm, LLC, Co-Bond Counsel.

By submitting a bid, any bidder makes the representation that it understands Co-Bond Counsel represents the State in the Bond transaction and, if such bidder has retained either or both Co-Bond Counsel firms in an unrelated matter, such bidder represents that the signatory to the bid is duly authorized to, and does, consent to and waive for and on behalf of such bidder any conflict of interest of such Co-Bond Counsel arising from any adverse position to the State in this matter; such consent and waiver shall supersede any formalities otherwise required in any separate understandings, guidelines or contractual arrangements between the bidder and such Co-Bond Counsel.

We hereby certify that we did not and will not pay a contingent fee, whether directly or indirectly, to a third party for having promoted the award of the Bonds to us.

We hereby further certify that the total costs of issuance and sale for the Bonds, including our underwriter’s discount and fees, but excluding bond insurance, and the issuance costs and fees to be incurred by the State (such aggregate amount of State costs having been disclosed to be \$196,230), is less than 0.5% of the principal amount of the proceeds of the Bonds.

As evidence of our good faith we will wire a deposit (the “Deposit”) in the amount of \$500,000, in accordance with your Official Notice of Bond Sale, which is made a part hereof by reference.

By checking this box, the bidder is electing and agreeing to hold the offering price for the Bonds, as described under "ESTABLISHMENT OF ISSUE PRICE" in the Official Notice of Bond Sale.

Wire Instructions:

Amount: \$ _____
ABA Routing #: _____
Account #: _____
Account Name: _____
Attn: _____

Respectfully submitted:

Name: _____
ACCOUNT MANAGER
By: _____
Address: _____
City _____ State _____
Telephone _____
E-mail Address _____

BIDDERS OPTION INSURANCE	
We have purchased insurance as follows:	
Name of Insurer:	_____
Maturities Insured:	_____
Policy Premium:	_____

For information only, and not as a part of this bid, we calculate that on a true interest cost basis (calculated to the date of delivery), the net effective interest rate is _____% per annum.

This bid was accepted and Bonds sold on November 6, 2019, and receipt is hereby acknowledged of the Deposit in accordance with the terms of the Official Notice of Bond Sale.

Director, Governor's Office of Management and
Budget

OFFICIAL BID FORM – SERIES OF NOVEMBER 2019B BONDS

Alexis Sturm
 Director, Governor’s Office of Management and Budget
 State of Illinois

November 6, 2019

For the General Obligation Bonds, Series of November 2019B (the “Bonds”), dated the date of issuance thereof, maturing as set forth below, and which Bonds are to be full faith and credit obligations of the State of Illinois as set forth in the Official Notice of Bond Sale, which is made a part hereof by reference, we will pay you the sum of:

\$ _____ (1)

(Purchase price not to be less than 98.5% and no greater than 120% of the aggregate par amount of the Bonds).

The \$300,000,000 aggregate principal amount of Bonds are to bear interest at the following respective interest rates (each a multiple of 1/8th or 1/20th of 1%), none of which exceed 5.00% for the Bonds of each designated November 1 maturity.⁽²⁾

\$30,000,000	2030	_____ %
30,000,000	2031	_____ %
30,000,000	2032	_____ %
30,000,000	2033	_____ %
30,000,000	2034	_____ %
30,000,000	2035	_____ %
30,000,000	2036	_____ %
30,000,000	2037	_____ %
30,000,000	2038	_____ %
30,000,000	2039	_____ %

The Bonds are subject to optional redemption prior to maturity as set forth in the Preliminary Official Statement.

-
- (1) As provided in the Official Notice of Bond Sale under the heading “LIMITATIONS ON COSTS OF ISSUANCE; BIDDER WILL PAY COSTS OF ISSUANCE,” the Purchase Price equals the par amount of the Bonds of the applicable series, plus original issue premium or minus original issue discount, less the underwriter’s discount, without regard to the Non-Underwriter’s Discount Costs of Issuance (as defined in the Official Notice of Sale). At Closing, the purchaser will wire to the State an amount equal to the Purchase Price for the Bonds less the amount of the Non-Underwriter’s Discount Costs of Issuance, which will be retained by the purchaser and be used by the purchaser to pay the costs of issuance.
- (2) Bidders should carefully review the interest rate limitations and specifications set forth in the Official Notice of Bond Sale under the heading “BIDDING DETAILS.” All Bonds of the same maturity year must bear the same rate of interest and no one Bond shall bear more than one rate of interest.

We hereby specify that the following Bonds be designated and aggregated into term bonds maturing on November 1 of the following years and in the following amounts (leave blank if no term bonds are specified):

MATURITIES DESIGNATED AND AGGREGATED	YEAR OF TERM BOND MATURITY	PRINCIPAL AMOUNT
20__ through 20__	_____	\$ _____
20__ through 20__	_____	_____
(add additional term bonds as appropriate)		

Each designated maturity of term bonds shall be subject to mandatory sinking fund redemption at par in one or more consecutive years immediately preceding the year of maturity. Such mandatory sinking fund redemptions and payments at maturity shall be in the respective principal amounts shown on the inside cover of the Preliminary Official Statement and may not overlap with such payments of another term or serial bond. Serially maturing bonds may intervene between maturities of optionally designated term bonds.

The Bonds are to be executed and delivered to us in accordance with the terms of this bid accompanied by the approving legal opinions of Chapman and Cutler LLP and Hardwick Law Firm, LLC, Co-Bond Counsel.

By submitting a bid, any bidder makes the representation that it understands Co-Bond Counsel represents the State in the Bond transaction and, if such bidder has retained either or both Co-Bond Counsel firms in an unrelated matter, such bidder represents that the signatory to the bid is duly authorized to, and does, consent to and waive for and on behalf of such bidder any conflict of interest of such Co-Bond Counsel arising from any adverse position to the State in this matter; such consent and waiver shall supersede any formalities otherwise required in any separate understandings, guidelines or contractual arrangements between the bidder and such Co-Bond Counsel.

We hereby certify that we did not and will not pay a contingent fee, whether directly or indirectly, to a third party for having promoted the award of the Bonds to us.

We hereby further certify that the total costs of issuance and sale for the Bonds, including our underwriter’s discount and fees, but excluding bond insurance, and the issuance costs and fees to be incurred by the State (such aggregate amount of State costs having been disclosed to be \$196,230), is less than 0.5% of the principal amount of the proceeds of the Bonds.

As evidence of our good faith we will wire a deposit (the “Deposit”) in the amount of \$500,000, in accordance with your Official Notice of Bond Sale, which is made a part hereof by reference.

By checking this box, the bidder is electing and agreeing to hold the offering price for the Bonds, as described under "ESTABLISHMENT OF ISSUE PRICE" in the Official Notice of Bond Sale.

Wire Instructions:

Amount: \$ _____
ABA Routing #: _____
Account #: _____
Account Name: _____
Attn: _____

Respectfully submitted:

Name: _____
ACCOUNT MANAGER
By: _____
Address: _____
City _____ State _____
Telephone _____
E-mail Address _____

BIDDERS OPTION INSURANCE	
We have purchased insurance as follows:	
Name of Insurer:	_____
Maturities Insured:	_____
Policy Premium:	_____

For information only, and not as a part of this bid, we calculate that on a true interest cost basis (calculated to the date of delivery), the net effective interest rate is _____% per annum.

This bid was accepted and Bonds sold on November 6, 2019, and receipt is hereby acknowledged of the Deposit in accordance with the terms of the Official Notice of Bond Sale.

Director, Governor's Office of Management and
Budget

OFFICIAL BID FORM – SERIES OF NOVEMBER 2019C BONDS

Alexis Sturm
 Director, Governor’s Office of Management and Budget
 State of Illinois

November 6, 2019

For the General Obligation Bonds, Series of November 2019C (the “Bonds”), dated the date of issuance thereof, maturing as set forth below, and which Bonds are to be full faith and credit obligations of the State of Illinois as set forth in the Official Notice of Bond Sale, which is made a part hereof by reference, we will pay you the sum of:

\$ _____ (1)

(Purchase price not to be less than 98.5% and no greater than 114% of the aggregate par amount of the Bonds).

The \$150,000,000 aggregate principal amount of Bonds are to bear interest at the following respective interest rates (each a multiple of 1/8th or 1/20th of 1%), none of which exceed 5.00% for the Bonds of each designated November 1 maturity.⁽²⁾

\$30,000,000	2040	_____ %
30,000,000	2041	_____ %
30,000,000	2042	_____ %
30,000,000	2043	_____ %
30,000,000	2044	_____ %

The Bonds are subject to optional redemption prior to maturity as set forth in the Preliminary Official Statement.

-
- (1) As provided in the Official Notice of Bond Sale under the heading “LIMITATIONS ON COSTS OF ISSUANCE; BIDDER WILL PAY COSTS OF ISSUANCE,” the Purchase Price equals the par amount of the Bonds of the applicable series, plus original issue premium or minus original issue discount, less the underwriter’s discount, without regard to the Non-Underwriter’s Discount Costs of Issuance (as defined in the Official Notice of Sale). At Closing, the purchaser will wire to the State an amount equal to the Purchase Price for the Bonds less the amount of the Non-Underwriter’s Discount Costs of Issuance, which will be retained by the purchaser and be used by the purchaser to pay the costs of issuance.
- (2) Bidders should carefully review the interest rate limitations and specifications set forth in the Official Notice of Bond Sale under the heading “BIDDING DETAILS.” All Bonds of the same maturity year must bear the same rate of interest and no one Bond shall bear more than one rate of interest.

We hereby specify that the following Bonds be designated and aggregated into term bonds maturing on November 1 of the following years and in the following amounts (leave blank if no term bonds are specified):

MATURITIES DESIGNATED AND AGGREGATED	YEAR OF TERM BOND MATURITY	PRINCIPAL AMOUNT
20__ through 20__	_____	\$ _____
20__ through 20__	_____	_____
(add additional term bonds as appropriate)		

Each designated maturity of term bonds shall be subject to mandatory sinking fund redemption at par in one or more consecutive years immediately preceding the year of maturity. Such mandatory sinking fund redemptions and payments at maturity shall be in the respective principal amounts shown on the inside cover of the Preliminary Official Statement and may not overlap with such payments of another term or serial bond. Serially maturing bonds may intervene between maturities of optionally designated term bonds.

The Bonds are to be executed and delivered to us in accordance with the terms of this bid accompanied by the approving legal opinions of Chapman and Cutler LLP and Hardwick Law Firm, LLC, Co-Bond Counsel.

By submitting a bid, any bidder makes the representation that it understands Co-Bond Counsel represents the State in the Bond transaction and, if such bidder has retained either or both Co-Bond Counsel firms in an unrelated matter, such bidder represents that the signatory to the bid is duly authorized to, and does, consent to and waive for and on behalf of such bidder any conflict of interest of such Co-Bond Counsel arising from any adverse position to the State in this matter; such consent and waiver shall supersede any formalities otherwise required in any separate understandings, guidelines or contractual arrangements between the bidder and such Co-Bond Counsel.

We hereby certify that we did not and will not pay a contingent fee, whether directly or indirectly, to a third party for having promoted the award of the Bonds to us.

We hereby further certify that the total costs of issuance and sale for the Bonds, including our underwriter’s discount and fees, but excluding bond insurance, and the issuance costs and fees to be incurred by the State (such aggregate amount of State costs having been disclosed to be \$103,115), is less than 0.5% of the principal amount of the proceeds of the Bonds.

As evidence of our good faith we will wire a deposit (the “Deposit”) in the amount of \$500,000, in accordance with your Official Notice of Bond Sale, which is made a part hereof by reference.

By checking this box, the bidder is electing and agreeing to hold the offering price for the Bonds, as described under "ESTABLISHMENT OF ISSUE PRICE" in the Official Notice of Bond Sale.

Wire Instructions:

Amount: \$ _____
ABA Routing #: _____
Account #: _____
Account Name: _____
Attn: _____

Respectfully submitted:

Name: _____
ACCOUNT MANAGER
By: _____
Address: _____
City _____ State _____
Telephone _____
E-mail Address _____

BIDDERS OPTION INSURANCE	
We have purchased insurance as follows:	
Name of Insurer:	_____
Maturities Insured:	_____
Policy Premium:	_____

For information only, and not as a part of this bid, we calculate that on a true interest cost basis (calculated to the date of delivery), the net effective interest rate is _____% per annum.

This bid was accepted and Bonds sold on November 6, 2019, and receipt is hereby acknowledged of the Deposit in accordance with the terms of the Official Notice of Bond Sale.

Director, Governor's Office of Management and
Budget

