

**UNIVERSITY OF ILLINOIS  
HEALTH SERVICES FACILITIES SYSTEM**

**Annual Financial Report**

**June 30, 2017**

**(With Independent Auditors' Report Thereon)**

## THE BOARD OF TRUSTEES

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Michael Zenn ..... Chief Financial Officer, University of Illinois Hospital & Clinics  
Vanessa Peoples..... Assistant Vice President for Business and Finance, University of Illinois at Chicago (through January 31, 2017)  
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**UNIVERSITY OF ILLINOIS  
HEALTH SERVICES FACILITIES SYSTEM**

Annual Financial Report

June 30, 2017

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UNIVERSITY OF ILLINOIS SYSTEM  
URBANA-CHAMPAIGN • CHICAGO • SPRINGFIELD

Office of the Vice President, Chief Financial Officer  
and Comptroller  
349 Henry Administration Building  
506 South Wright Street  
Urbana, Illinois 61801

January 30, 2018

Holders of University of Illinois  
Health Services Facilities System Revenue Bonds  
and The Board of Trustees of the University of Illinois:

I am pleased to transmit the Annual Financial Report of the University of Illinois Health Services Facilities System for the fiscal year ended June 30, 2017. This report supplements the Annual Financial Report of the University of Illinois.

The 2017 financial statements and accompanying notes appearing on pages 4 through 33 have been audited by CliftonLarsonAllen LLP, Independent Certified Public Accountants, as special assistants to the Auditor General of the State of Illinois, whose report on the financial statements appears on pages 2 and 3.

CliftonLarsonAllen LLP will also prepare a report for the year ended June 30, 2017, containing special data requested by the Auditor General and another report covering their audit of the compliance of the University with applicable state and federal laws and regulations for the year ended June 30, 2017. These reports, which include some data related to the Health Services Facilities System, are not contained herein and are primarily for the use of the Auditor General and state and federal agencies.

Very truly yours,

**SIGNED ORIGINAL ON FILE**

Avijit Ghosh,  
Interim Vice President, Chief Financial Officer and Comptroller

## INDEPENDENT AUDITORS' REPORT

Honorable Frank J. Mautino  
Auditor General, State of Illinois  
and Board of Trustees  
University of Illinois

### **Report on the Financial Statements**

As Special Assistant Auditors for the Auditor General, we have audited the accompanying financial statements of the business-type activities of the University of Illinois Health Services Facilities System (the System), a segment of the University of Illinois, as of and for the year ended June 30, 2017, and the related notes to the financial statements, which collectively comprise the System's basic financial statements as listed in the table of contents.

### ***Management's Responsibility for the Financial Statements***

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

### ***Auditors' Responsibility***

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

Honorable Frank J. Mautino  
Auditor General, State of Illinois  
and Board of Trustees  
University of Illinois

**Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the business-type activities for the System as of June 30, 2017, and the changes in financial position and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

**Emphasis of Matter**

As discussed in Note 1(a), the financial statements of the System are intended to present the financial position, the changes in financial position, and cash flows of only that portion of the business-type activities of University of Illinois that is attributable to the transactions of the System. They do not purport to, and do not, present fairly the financial position of University of Illinois as of June 30, 2017, and its changes in financial position and its cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

**Other Matters**

*Report on Summarized Comparative Information*

We have previously audited the Systems' 2016 financial statements, and we expressed an unmodified audit opinion on those audited financial statements in our report dated February 1, 2017. In our opinion, the summarized comparative information presented herein as of and for the year ended June 30, 2016, is consistent, in all material respects, with the audited financial statements from which it has been derived.

*Required Supplementary Information*

Management has omitted the Management's Discussion and Analysis that accounting principles generally accepted in the United States of America required to be presented to supplement the basic financial statements. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of the financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. Our opinion on the basic financial statements is not affected by this missing information.

*Other Reporting Required by Government Auditing Standards*

In accordance with Government Auditing Standards, we have also issued our report under separate cover dated January 30, 2018, on our consideration of the System's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to solely describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the System's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards in considering the System's internal control over financial reporting and compliance.

**SIGNED ORIGINAL ON FILE**

**CliftonLarsonAllen LLP**

Peoria, Illinois  
January 30, 2018

**UNIVERSITY OF ILLINOIS  
HEALTH SERVICES FACILITIES SYSTEM**

Statement of Net Position

June 30, 2017

(with summarized comparative information for June 30, 2016)

<b>Assets and Deferred Outflow of Resources</b>	<b>2017</b>	<b>2016</b>
Current assets:		
Claim on cash and on pooled investments	\$ 183,050,780	\$ 136,880,635
Restricted claim on cash and on pooled investments	1,115,900	1,148,000
Restricted cash and cash equivalents	25,760	14,943
Accrued investment income	631,917	479,700
Patient accounts receivable, net	154,960,372	169,831,058
Other receivables	9,135,817	14,840,249
Inventories	6,172,549	6,054,841
Prepaid expenses, deposits, and other assets	1,503,907	1,174,588
Total current assets	356,597,002	330,424,014
Noncurrent assets:		
Restricted claim on cash and on pooled investments	12,913,356	13,822,159
Restricted cash and cash equivalents	2,540,005	6,425,043
Restricted investments	17,317,772	29,163,046
Capital assets, net of accumulated depreciation	201,619,437	185,005,229
Total noncurrent assets	234,390,570	234,415,477
Deferred outflow of resources	4,666,875	6,534,082
Total assets and deferred outflow of resources	\$ 595,654,447	\$ 571,373,573
<b>Liabilities and Net Position</b>		
Current liabilities:		
Accounts payable	\$ 49,208,878	\$ 39,664,949
Accrued payroll	13,818,349	11,049,280
Accrued interest payable	1,141,660	1,162,943
Estimated third-party settlements	61,520,168	56,964,678
Unearned revenues	97,816	134,972
Current maturities of long-term debt	4,649,688	5,361,376
Current portion of accrued compensated absences	2,173,300	2,255,328
Total current liabilities	132,609,859	116,593,526
Noncurrent liabilities:		
Long-term debt, net of current maturities	109,449,884	114,099,573
Accrued compensated absences, net of current portion	22,830,419	21,072,891
Derivative instrument – swap liability	3,071,874	4,766,649
Total noncurrent liabilities	135,352,177	139,939,113
Total liabilities	267,962,036	256,532,639
Net investment in capital assets	100,076,640	100,362,646
Restricted:		
Expendable for capital projects	17,046,888	14,693,176
Expendable for debt service	13,091	8,716
Unrestricted	210,555,792	199,776,396
Total net position	327,692,411	314,840,934
Total liabilities and net position	\$ 595,654,447	\$ 571,373,573

See accompanying notes to financial statements.

**UNIVERSITY OF ILLINOIS  
HEALTH SERVICES FACILITIES SYSTEM**

Statement of Revenues, Expenses and Changes in Net Position

Year ended June 30, 2017

(with summarized comparative information for year ended June 30, 2016)

	<u>2017</u>	<u>2016</u>
Operating revenues:		
Net patient service revenues	\$ 672,724,981	\$ 620,406,166
Payments on behalf of the System	29,197,700	28,291,861
Other revenues	<u>37,540,591</u>	<u>39,039,467</u>
Total operating revenues	<u>739,463,272</u>	<u>687,737,494</u>
Operating expenses:		
Salaries and wages	315,690,489	299,645,868
Fringe benefits	298,438,110	241,807,202
Supplies and general expenses	369,687,746	340,488,468
Administrative services	13,859,481	13,859,481
Depreciation and amortization	<u>20,845,815</u>	<u>20,067,606</u>
Total operating expenses	<u>1,018,521,641</u>	<u>915,868,625</u>
Operating loss	<u>(279,058,369)</u>	<u>(228,131,131)</u>
Nonoperating revenues (expenses):		
On-behalf payments for fringe benefits	292,263,906	235,059,283
State appropriations	20,177,300	11,104,600
Transfer of State appropriations to the University of Illinois Hospital Services Fund	(20,177,300)	(11,104,600)
Net increase (decrease) in fair value of investments	1,000,999	(552,994)
Interest on capital asset related debt	(4,054,283)	(4,797,271)
Investment income (net of related expenses)	2,766,745	2,285,515
Loss on disposal of capital assets	(127,993)	(35,455)
Other nonoperating revenues, net	<u>60,472</u>	<u>487,648</u>
Net nonoperating revenues	<u>291,909,846</u>	<u>232,446,726</u>
Increase in net position	12,851,477	4,315,595
Net position, beginning of year	<u>314,840,934</u>	<u>310,525,339</u>
Net position, end of year	<u>\$ 327,692,411</u>	<u>\$ 314,840,934</u>

See accompanying notes to financial statements.

**UNIVERSITY OF ILLINOIS  
HEALTH SERVICES FACILITIES SYSTEM**

Statement of Cash Flows

Year ended June 30, 2017

(with summarized comparative information for year ended June 30, 2016)

	<u>2017</u>	<u>2016</u>
Cash flows from operating activities:		
Patient services	\$ 692,151,157	\$ 573,163,611
Payments to suppliers	(349,726,756)	(323,716,005)
Payments for administrative services	(13,859,481)	(13,859,481)
Payments to employees	(298,235,420)	(292,294,709)
Payments for benefits	(4,498,704)	(6,240,809)
Other receipts	<u>43,207,867</u>	<u>34,199,132</u>
Net cash provided by (used in) operating activities	<u>69,038,663</u>	<u>(28,748,261)</u>
Cash flows from noncapital financing activities:		
Other receipts	<u>59,459</u>	<u>183,380</u>
Net cash provided by noncapital financing activities	<u>59,459</u>	<u>183,380</u>
Cash flows from capital and related financing activities:		
Purchases of capital assets	(32,362,219)	(16,888,099)
Principal paid on capital debt and leases	(5,341,043)	(5,362,250)
Interest paid on capital debt and leases	<u>(5,500,640)</u>	<u>(5,440,399)</u>
Net cash used in capital and related financing activities	<u>(43,203,902)</u>	<u>(27,690,748)</u>
Cash flows from investing activities:		
Interest on investments	2,614,528	2,301,452
Pooled cash allocated from (to) University related to unrealized gains (losses)	1,035,109	(650,373)
Purchases of investments	(26,397,491)	(68,458,662)
Sales of investments	<u>38,208,655</u>	<u>74,823,657</u>
Net cash provided by investing activities	<u>15,460,801</u>	<u>8,016,074</u>
Net increase (decrease) in cash and cash equivalents	41,355,021	(48,239,555)
Cash and cash equivalents, beginning of year	<u>158,290,780</u>	<u>206,530,335</u>
Cash and cash equivalents, end of year	<u>\$ 199,645,801</u>	<u>\$ 158,290,780</u>

**UNIVERSITY OF ILLINOIS  
HEALTH SERVICES FACILITIES SYSTEM**

Statement of Cash Flows

Year ended June 30, 2017

(with summarized comparative information for year ended June 30, 2016)

	<u>2017</u>	<u>2016</u>
Reconciliation of operating loss to net cash provided by (used in) operating activities:		
Operating loss	\$ (279,058,369)	\$ (228,131,131)
Adjustments to reconcile operating loss to net cash provided by (used in) operating activities:		
Depreciation and amortization expense	20,845,815	20,067,606
Provision for uncollectible accounts	40,593,579	45,528,396
On-behalf payments for fringe benefits	292,263,906	235,059,283
Changes in assets and liabilities:		
Patient receivables	(25,722,893)	(87,415,933)
Other receivables	5,704,432	(4,748,306)
Inventories	(117,708)	(17,327)
Prepaid expenses, deposits, and other assets	(329,319)	(724,604)
Accounts payable and accrued expenses	8,665,386	(3,426,309)
Estimated third-party settlements	4,555,490	(5,355,017)
Accrued compensated absences	1,675,500	507,110
Unearned revenues	(37,156)	(92,029)
Net cash provided by (used in) operating activities	<u>\$ 69,038,663</u>	<u>\$ (28,748,261)</u>
Noncash investing, capital, and financing activities:		
On-behalf payments for fringe benefits	\$ 292,263,906	\$ 235,059,283
State appropriation	20,177,300	11,104,600
Transfers to University of Illinois Hospital Services Fund	(20,177,300)	(11,104,600)
Other capital asset adjustments	49,875	304,269
Net interest capitalized	1,577,172	802,478
Increase of capital assets obligations in accounts payable	3,647,612	1,194,570
Loss on disposal of capital assets	(127,993)	(35,455)

See accompanying notes to financial statements.

**UNIVERSITY OF ILLINOIS  
HEALTH SERVICES FACILITIES SYSTEM**

Notes to Financial Statements

June 30, 2017

**(1) Organization and Summary of Significant Accounting Policies**

***Organization***

The University of Illinois Health Services Facilities System (System) comprises the University of Illinois Hospital (Hospital) and associated clinical facilities providing patient care at, but not limited to, the University of Illinois at Chicago Medical Center. The System is a tertiary care facility located primarily in Chicago, Illinois offering a full range of clinical services. The System does not include the operations of the University of Illinois' Medical Service Plans or Colleges of Medicine. Management of the System is the responsibility of the University of Illinois (University).

The System was established by a Bond Resolution (Resolution) of the Board of Trustees (Board) of the University of Illinois adopted on January 22, 1997. These financial statements have been prepared to satisfy the requirements of the 1997B, 2008 and 2013 bond indentures. The financial balances and activities of the System are also included in the University's financial statements. The financial statements of the System are prepared in accordance with U.S. generally accepted accounting principles as prescribed by the Governmental Accounting Standards Board (GASB). The System is not a separate legal entity and has not presented management's discussion and analysis.

The financial statements include certain prior year comparative information that has been derived from the System's 2016 financial statements. Such information does not include all of the information required to constitute a presentation in conformity with U.S. generally accepted accounting principles. Accordingly, such information should be read in conjunction with the System's financial statements for the year ended June 30, 2016.

***Significant Accounting Policies***

**(a) *Financial Statement Presentation and Basis of Accounting***

The System prepared its financial statements as a Business Type Activity, as defined by GASB Statement No. 35, *Basic Financial Statements – and Management's Discussion and Analysis – for Public Colleges and Universities*, using the economic resources measurement focus and the accrual basis of accounting. Business Type Activities are those financed in whole or in part by fees charged to external parties for goods and services.

Under the accrual basis, revenues are recorded when earned, and expenses are recorded when a liability is incurred, regardless of the timing of the related cash flows. Advances are classified as unearned revenues.

**(b) *Cash and Cash Equivalents***

The Statement of Cash Flows details the change in the cash and cash equivalents balance for the fiscal year. Cash and all liquid investments with original maturities of ninety days or less are defined as cash and cash equivalents.

**(c) *Investments***

Investments are reported at fair value in accordance with guidelines defined by GASB Statement No. 72. Fair value is determined for the System's investments based upon a framework described in Note 2(f). Bank deposits and money market funds are recorded at cost.

Changes in fair value during the reporting period are reported as a net increase (decrease) in the fair value of investments. Net investment income includes interest, dividends, and realized gains and losses.

**(d) Inventories**

Inventories of pharmaceutical and other supplies are stated at the lower of cost, determined using the first-in, first-out method, or market.

**(e) Capital Assets**

Capital assets are recorded at cost or, if donated, at acquisition value at the date of a gift. Depreciation of capital assets is calculated on a straight-line basis over the estimated useful lives (see below) of the respective assets. The System's policy requires the capitalization of land and collection purchases regardless of cost, equipment over \$5,000, software, easements, buildings and improvements over \$100,000 and infrastructure over \$1,000,000. The System does not capitalize collections, such as works of art or historical treasures, which are held for public exhibition, education or research in furtherance of public service rather than capital gain, unless they were previously capitalized as of June 30, 1999. Proceeds from the sale, exchange or other disposal of any item belonging to a collection must be applied to the acquisition of additional items for the same collection.

Estimated useful lives for capital assets are as follows:

	<u>Useful life (in years)</u>		<u>Useful life (in years)</u>
Buildings:		Improvements other than buildings:	
Shell	50	Site improvements	20
Service systems	25	Infrastructure	25
Fixed equipment	15		
Remodeling	25		
Intangibles:		Moveable equipment:	
Software	5 – 10	Equipment	3 – 20

**(f) Deferred Outflow of Resources**

Under hedge accounting, the University has determined that the interest rate swap agreement on the System's bonds payable, as a hedging derivative instrument, is an effective hedge. Accordingly, changes in the fair value of the interest rate swap, since being associated with the related outstanding bonds, is reported as a deferred outflow of resources on the accompanying Statement of Net Position. Additionally, an interest rate swap reassigned to new debt, after a refunding of debt that the swap previously hedged, normally has an other than zero fair value upon the reassociation. For a swap with a fair value of other than zero upon reassociation with a hedgeable item, the fair value is amortized as an adjustment to interest expense in a systematic manner.

Losses on refundings for the System's bonds are reported as deferred outflow of resources on the accompanying Statement of Net Position. The losses on refundings are amortized over the life of the debt using the straight-line method.

<b>Deferred Outflow of Resources</b>					
	<u>Beginning balance</u>	<u>Additions</u>	<u>Deductions</u>	<u>Change in fair value</u>	<u>Ending balance</u>
Interest rate swap agreement that hedges Series 2008 bonds	\$ 3,964,180	78,300		(1,694,775)	\$ 2,347,705
Unamortized deferred loss on refunding	<u>2,569,902</u>		<u>(250,732)</u>		<u>2,319,170</u>
Total deferred outflow of resources	<u>\$ 6,534,082</u>	<u>78,300</u>	<u>(250,732)</u>	<u>(1,694,775)</u>	<u>\$ 4,666,875</u>

**(g) *Compensated Absences***

Accrued compensated absences for System personnel are charged as an operating expense, using the vested method, based on earned but unused vacation and sick leave days including the System's share of Social Security and Medicare taxes. The estimated outstanding liability at June 30, 2017 was \$25,003,719.

**(h) *Premiums***

Premiums for the System's bonds are reported within long-term debt and amortized over the life of the debt issue using the straight-line method.

**(i) *Net Position***

The System's resources are classified into net position categories and reported in the Statement of Net Position. These categories are defined as (a) Net investment in capital assets – capital assets net of accumulated depreciation and related outstanding debt balances attributable to the acquisition, construction, or improvement of those assets, (b) Restricted – net position subject to externally imposed restrictions that can be fulfilled by actions of the System pursuant to those stipulations or that expire by the passage of time, and (c) Unrestricted – net position not subject to externally imposed stipulations but may be designated for specific purposes by action of management or the Board. The System first applies resources included in restricted net position when an expense or outlay is incurred for purposes for which resources in both restricted and unrestricted net positions are available.

**(j) *Classification of Revenues***

The Statement of Revenues, Expenses and Changes in Net Position classifies the System's fiscal year activity as operating and nonoperating. Operating revenues generally result from exchange transactions such as payments received for providing goods and services.

Certain revenue sources that the System relies on for operations including on-behalf payments for fringe benefits and investment income are defined by GASB Statement No. 35 as nonoperating. In addition, transactions related to capital and financing activities are components of net nonoperating revenues.

In fiscal year 2017, \$20,177,300 of State appropriations were transferred to the University of Illinois Hospital Services Fund, which is a special fund established in the State of Illinois Treasury pursuant to the State Finance Act, 30 ILCS 105/6z-30. This fund is owned and operated by the Illinois Department of Healthcare and Family Services. It is not part of or a related organization of the University.

Other operating revenues of the System include capitation payments from Health Maintenance Organizations (HMOs) to provide medical services to subscribers, revenues from laboratory services provided to external organizations, cafeteria/gift shop sales and other sources.

**(k) Patient Services Revenue**

The System has agreements with third-party payors that provide for payments to the System at amounts different from its established rates. Payment arrangements include prospectively determined rates, discounted charges and per diem payments. Patient service revenue is reported at the estimated net realizable amounts from patients, third-party payors and others for services rendered, including estimated adjustments under reimbursement agreements with third-party payors, certain of which are subject to audit by administrating agencies. These adjustments are accrued on an estimated basis and are adjusted in future periods.

The System provides allowances for uncollectible accounts receivable based upon management's best estimate of uncollectible accounts, considering type, age, collection history, and any other factors as considered appropriate.

**(l) Charity Care**

The policy of the System is to treat patients in immediate need of medical services without regard to their ability to pay for such services. The System provides care without charge or at amounts less than its established rates to patients who meet the criteria of its charity care policy. This policy defines charity care and provides guidelines for assessing a patient's ability to pay. Eligibility is based on patient qualification, financial resources and service criteria. Because the System does not pursue collection of amounts determined to be charity care, they are not reported as revenue.

The System maintains records to identify and monitor the level of charity care provided. These records include the amount of estimated costs for services rendered and supplies furnished under its charity care policy. The estimated cost of charity care using the System's cost-to-charge ratio was \$13,454,000 for fiscal year 2017, an increase of 37% from the prior year, primarily as a result of patients who lost Medicaid coverage or opted out of exchange plans, patients who qualified under the presumptive requirement of the System's financial assistance policy and changes in the financial assistance policy. The ratio of costs to charges is calculated based on the System's total operating expenses. Unreimbursed costs of providing care to Medicare and Medicaid patients are not included as charity care.

**(m) Classification of Expenses**

The majority of the System's expenses are exchange transactions which GASB defines as operating expenses for financial statement presentation. Nonoperating expenses include transfers of State appropriations and capital financing costs.

**(n) On-Behalf Payments for Fringe Benefits**

In accordance with GASB Statement No. 24, *Accounting and Financial Reporting for Certain Grants and Other Financial Assistance*, the System reported payments made by the State of Illinois (State) on behalf of the System for contributions to State group insurance and retirement programs, including postemployment benefits, for System employees and its retirees of \$292,263,906 for the year ended June 30, 2017. The on-behalf payments amount that relates to State group health insurance is an allocation of estimated costs incurred by the State on behalf of the System.

On-behalf payments for fringe benefits are classified as nonoperating revenues and the corresponding expenses are reported in fringe benefits of the System as operating expenses.

(o) ***Pensions***

For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the plan net position of the State Universities Retirement System (SURS) and additions to/deductions from SURS' plan net position has been determined on the same basis as they are reported by SURS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

For the purposes of financial reporting, the State and participating employers are considered to be under a special funding situation. A special funding situation is defined as a circumstance in which a non-employer entity is legally responsible for making contributions directly to a pension plan that is used to provide pensions to the employees of another entity or entities and either (1) the amount of the contributions for which the non-employer entity is legally responsible is not dependent upon one or more events unrelated to pensions or (2) the non-employer is the only entity with a legal obligation to make contributions directly to a pension plan. The State is considered a non-employer contributing entity. Participating employers are considered employer contributing entities.

(p) ***Use of Estimates***

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

(q) ***New Accounting Pronouncements***

In fiscal year 2017, the System adopted certain provisions of GASB Statement No. 73, *Accounting and Financial Reporting for Pensions and Related Assets That Are Not Within the Scope of GASB Statement 68, and Amendments to Certain Provisions of GASB Statements 67 and 68*, which was effective for periods beginning after June 15, 2016. The requirements of this Statement extend the approach to accounting and financial reporting established in Statement 68 to all pensions, with modifications as necessary to reflect that for accounting and financial reporting purposes, any assets accumulated for pensions that are provided through pension plans that are not administered through trusts that meet the criteria specified in Statement 68 should not be considered pension plan assets. It also requires that information similar to that required by Statement 68 be included in notes to the financial statements and required supplementary information by all similarly situated employers and nonemployer contributing entities. Implementation of this pronouncement did not impact the System's financial statements.

The System adopted the provisions of GASB Statement No. 74, *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans*, which was effective for periods beginning after June 15, 2016. For defined benefit other postemployment benefits (OPEB) plans that are administered through trusts that meet the specified criteria, this Statement requires two financial statements – a statement of fiduciary net position and a statement of changes in fiduciary net position. In addition to the requirements of this Statement, those plans also are required to follow all accounting and financial reporting requirements of other standards, as applicable. Implementation of this pronouncement did not impact the System's financial statements.

The System adopted the provisions of GASB Statement No. 77, *Tax Abatement Disclosures*, which was effective for periods beginning after December 15, 2015. This Statement defines a tax abatement as resulting from an agreement between a government and an individual or entity in which the government promises to forgo tax revenues and the individual or entity promises to subsequently take a specific action that contributes to economic development or otherwise benefits the government or its citizens. This Statement requires disclosure of tax abatement information about (1) a reporting government's own tax abatement agreements and (2) those that are entered into by other governments and that reduce the reporting government's tax revenues. Implementation of this pronouncement did not impact the System's financial statements.

The System adopted the provisions of GASB Statement No. 78, *Pensions Provided Through Certain Multiple-Employer Defined Benefit Pension Plans*, which was effective for periods beginning after December 15, 2015. The objective of this Statement is to address a practice issue regarding the scope and applicability of Statement No. 68, *Accounting and Financial Reporting for Pensions*. This issue is associated with pensions provided through certain multiple-employer defined benefit pension plans and to state or local governmental employers whose employees are provided with such pensions. This Statement amends the scope and applicability of Statement 68 to exclude pensions provided to employees of state or local governmental employers through a cost-sharing multiple-employer defined benefit pension plan that (1) is not a state or local governmental pension plan, (2) is used to provide defined benefit pensions both to employees of state or local governmental employers and to employees of employers that are not state or local governmental employers, and (3) has no predominant state or local governmental employer (either individually or collectively with other state or local governmental employers that provide pensions through the pension plan). This Statement establishes requirements for recognition and measurement of pension expense, expenditures, and liabilities; note disclosures; and required supplementary information for pensions that have the characteristics described above. Implementation of this pronouncement did not impact the System's financial Statements.

The System adopted the provisions of GASB Statement No. 80, *Blending Requirements for Certain Component Units – an amendment of GASB Statement No. 14*, which was effective for periods beginning after June 15, 2016. This Statement amends the blending requirements for the financial statement presentation of component units of all state and local governments. The additional criterion requires blending of a component unit incorporated as a not-for-profit corporation in which the primary government is the sole corporate member. The additional criterion does not apply to component units included in the financial reporting entity pursuant to the provisions of Statement No. 39, *Determining Whether Certain Organizations Are Component Units*. Implementation of this pronouncement did not impact the System's financial statements.

The System adopted the provisions of GASB Statement No. 82, *Pension Issues – an amendment of GASB Statements No. 67, No. 68, and No. 73*, which was effective for periods beginning after June 15, 2016. This Statement addresses issues regarding (1) the presentation of payroll-related measures in required supplementary information, (2) the selection of assumptions and the treatment of deviations from the guidance in an Actuarial Standard Practice for financial reporting purposes, and (3) the classification of payments made by employers to satisfy employee (plan member) contribution requirements. The requirements of this Statement will improve financial reporting by enhancing consistency in the application of financial reporting requirements to certain pension issues. Implementation of this pronouncement did not impact the System's financial statements.

## **(2) Cash, Cash Equivalents and Investments**

The System has cash and certain investments that are pooled with other University funds for the purpose of securing a greater return on investment and providing an equitable distribution of investment return. Income is distributed based upon average quarterly balances invested in the investment pool.

Nearly all of the University's investments are managed by external professional investment managers, who have full discretion to manage their portfolios subject to investment policy and manager guidelines established by the University, and in the case of mutual funds and other commingled vehicles, in accordance with the applicable prospectus or limited partnership agreement.

The Board follows the State of Illinois Uniform Prudent Management of Institutional Funds Act, 760 ILCS 51/1-11, when managing the University's investments. The Board fulfills its fiduciary responsibility for the management of investments, including endowment farm real estate, by adopting policies to maximize investment return with a prudent level of risk.

The following details the carrying value of the System's cash, cash equivalents, and investments as of June 30, 2017:

U.S. government treasuries	\$ 8,778,314
U.S. government securities	4,487,726
Commercial paper	4,051,732
Money market funds	<u>2,565,765</u>
Subtotal	19,883,537
Claim on cash and pooled investments	<u>197,080,036</u>
Total cash, cash equivalents and investments	<u><u>\$ 216,963,573</u></u>

**(a) Interest Rate Risk**

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. In accordance with its investment policy, the University employs multiple investment managers, of which each has specific maturity assignments related to the operating funds. The funds are structured with different layers of liquidity. Funds expected to be used within one year are invested using the Barclay's Capital 90-Day and Bank of America Merrill Lynch 12-month Treasury Bill Index as performance benchmarks. Core operating funds are invested in longer maturity investments. Core operating funds investment managers' performance benchmarks are the Barclays Capital one-year to three-year Government Bond Index, the Barclays Capital one-year-to-three-year Government Credit Bond Index, the Barclays Capital Intermediate Government Credit Bond Index and the Barclays Capital Intermediate Aggregate Bond Index.

The System's non-pooled investments and maturities as of June 30, 2017 were as follows:

	<b>Maturities (in years)</b>		
	<u>Less than 1</u>	<u>1 - 5</u>	<u>Total</u>
U.S. government treasuries	\$ 4,793,215	3,985,099	\$ 8,778,314
U.S. government securities	2,978,360	1,509,366	4,487,726
Commercial paper	4,051,732		4,051,732
Money market funds	<u>2,565,765</u>		<u>2,565,765</u>
Total cash equivalents and investments	<u><u>\$ 14,389,072</u></u>	<u><u>5,494,465</u></u>	<u><u>\$ 19,883,537</u></u>

Claim on cash and on pooled investments represents the System's share of participation in the University's operating internal investment pool. At June 30, 2017, the University's operating internal investment portfolio had an effective duration for its interest-bearing securities of 1.3 years.

**(b) Credit Risk**

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The University's investment policy requires that the University's short-term operating funds be invested in fixed income securities and other short-term fixed income instruments (e.g., money markets). Fixed income securities shall be rated investment grade or better by one or more nationally recognized statistical rating organizations. Securities not covered by the investment grade standard are allowed if, in the manager's judgment, those instruments are of comparable credit quality. Securities that fall below the stated minimum credit requirements subsequent to initial purchase may be held at the manager's discretion.

The University reports the credit ratings of fixed income securities and short-term instruments using Standard and Poor's and Moody's ratings. Securities with split ratings or with a different rating assignment are disclosed using the rating indicative of the greatest degree of risk. At June 30, 2017, the University's operating internal investment pool and non-pooled investments primarily consisted of securities with quality ratings of A or better.

**(c) Custodial Credit Risk**

Custodial credit risk is the risk that in the event of the failure of the counterparty, the University will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. Exposure to custodial credit risk relates to investment securities that are held by someone other than the University and are not registered in the University's name. The University investment policy does not limit the value of investments that may be held by an outside party. At June 30, 2017, the System's investments and deposits had no custodial credit risk exposure.

**(d) Concentration of Credit Risk**

Concentration of credit risk is the risk of loss attributed to the magnitude of the University's investment in a single issuer. The University's investment policy provides that the total operating funds portfolio will be broadly diversified across securities in a manner that is consistent with fiduciary standards of diversification. Issuer concentrations are limited to 5% per issuer of the total market value of the portfolio at the time of purchase, or in the case of securitized securities, an individual issuance trust. These concentration limits do not apply to investments in money market funds, tri-party repurchase agreements or obligations of, or issues guaranteed by, the U.S. Treasury, U.S. agencies or U.S. government sponsored enterprises.

As of June 30, 2017, not more than 5% of the University's total investments were invested in securities of any one issuer, excluding money market funds, tri-party repurchase agreements or obligations of, or issues guaranteed by, the U.S. Treasury, U.S. agencies or U.S. government sponsored enterprises.

**(e) Foreign Currency Risk**

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or deposit. The University does not have an overarching policy related to foreign currency risk; however, under each investment manager's respective fund agreement, the portfolio's foreign currency exposure may be unhedged or hedged back into U.S. dollars. The University's operating fund investments generally are not exposed to foreign currency risk.

The University invests in non-U.S. developed and emerging markets through commingled funds invested in non-U.S. equities, private equity and absolute return strategies. As these funds are reported in U.S. dollars, both price changes of the underlying securities in local markets and changes to the value of local currencies relative to the U.S. dollar are embedded in investment returns.

(f) ***Investments and Fair Value Measurements***

Accounting guidance for fair value establishes a framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The fair value hierarchy is as follows:

Level 1 - Quoted prices (unadjusted) for identical assets or liabilities in active markets that the System has the ability to access as of the measurement date. Level 1 inputs would also include investments valued at prices in active markets that the System has access to where transactions occur with sufficient frequency and volume to provide reliable pricing information.

Level 2 - Significant other observable inputs other than Level 1 prices such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data.

Level 3 - Significant unobservable inputs that reflect a reporting entity's own assumptions about what market participants would use in pricing an asset or liability.

A description of the valuation methodologies used for assets and liabilities measured at fair value, as well as the general classification of such instruments pursuant to the valuation hierarchy, is set forth below.

Investments may be classified as Level 1 when the values are based upon unadjusted quoted prices in active markets for identical assets and generally include active listed equities. Publicly-traded investments that have no or insignificant restrictions are classified in Level 1 of the fair value hierarchy. Level 1 securities would include exchange traded equities.

Investments may be classified as Level 2 when the values include inputs that are directly observable for an asset (including quoted prices for similar assets), as well as inputs that are not directly observable for the asset. These inputs are derived principally from or corroborated by observable market data through correlation or by other means (market-corroborated inputs). The concept of market-corroborated inputs is intended to incorporate observable market data (such as interest rates and yield curves that are observable at commonly quoted intervals) based upon an assessment of factors relevant to the asset or liability. Level 2 securities include US Treasury bonds and bills, US government agencies, international government bonds and agencies, nongovernment mortgage-backed securities, asset backed securities, corporate bonds, commercial paper, and municipal bonds.

Investments may be classified as Level 3 when the values include inputs that are unobservable and Level 1 and Level 2 inputs are not available. The values are based upon the best information available under the circumstances and may include management's own data. Level 3 securities include certain types of inactively traded corporate bonds and equities.

The following table summarizes assets measured at fair value as of June 30, 2017, segregated by the level of the valuation inputs within the hierarchy utilized to measure fair value:

**Fair Value Measurements as of June 30, 2017**

Investments in which fair value was measured based on significant other observable inputs (Level 2):	
U.S. government treasuries	\$ 8,778,314
U.S. government securities	4,487,726
Commercial paper	4,051,732
Investments subject to fair value hierarchy	17,317,772
Investments measured at cost:	
Money market funds	2,565,765
Total cash equivalents and investments	\$ 19,883,537

**(3) Capital Assets**

Net interest cost incurred on borrowed funds during the period of construction of capital assets is capitalized as a component of the cost of acquiring those assets. Net interest of \$1,577,172 was capitalized during the year ended June 30, 2017. The capital assets of the System are not pledged to secure outstanding indebtedness of the Board.

Capital asset activity for the year ended June 30, 2017 is summarized as follows:

<b>Capital assets</b>					
	<b>Beginning balance</b>	<b>Additions</b>	<b>Retirements</b>	<b>Transfers</b>	<b>Ending balance</b>
Nondepreciable capital assets:					
Land	\$ 770,917				\$ 770,917
Construction in process	16,904,161	32,120,595		(28,892,188)	20,132,568
Total nondepreciable capital assets	17,675,078	32,120,595		(28,892,188)	20,903,485
Depreciable capital assets:					
Buildings	241,654,329			19,366,052	261,020,381
Leasehold improvements	2,320,152				2,320,152
Equipment	159,896,663	5,467,421	(5,960,163)	21,460	159,425,381
Software	34,353,387		(104,488)	9,504,676	43,753,575
Total depreciable capital assets	438,224,531	5,467,421	(6,064,651)	28,892,188	466,519,489
Less accumulated depreciation:					
Buildings	110,468,871	7,863,347			118,332,218
Leasehold improvements	2,191,503	28,588			2,220,091
Equipment	128,125,095	10,034,600	(5,832,170)		132,327,525
Software	30,108,911	2,919,280	(104,488)		32,923,703
Total accumulated depreciation	270,894,380	20,845,815	(5,936,658)	—	285,803,537
Total depreciable capital assets, net	167,330,151	(15,378,394)	(127,993)	28,892,188	180,715,952
Total capital assets, net	\$ 185,005,229	16,742,201	(127,993)	—	\$ 201,619,437

**(4) Long-Term Obligations**

During fiscal year 1997, the University issued \$25,000,000 of Health Services Facilities System Revenue Bonds Series 1997B. The bonds are variable rate bonds which bear interest at a rate determined weekly and paid monthly. Proceeds from the bonds were used to finance the costs of a new ambulatory care facility in Chicago, a medical office building in Rockford, Illinois and to pay costs incidental to the issuance of the bonds.

During fiscal year 2008, the University issued \$41,215,000 Variable Rate Demand Health Services Facilities System Revenue Refunding Bonds, Series 2008. The bonds are variable rate bonds which bear interest at a rate determined weekly. Proceeds from the bonds funded the redemption of the Variable Rate Demand Health Services Facilities System Revenue Refunding Bonds, Series 2007 on July 28, 2008 and paid costs incidental to the issuance of the bonds. The difference between the reacquisition price and net carrying amount of the old debt, loss on refunding, was \$4,485,000. This loss is deferred and amortized as a component of interest expense over the remaining life of the old debt or the life of the new debt, whichever is shorter.

During fiscal year 2014, the University issued \$70,785,000 Health Services Facilities System Revenue Bonds, Series 2013. The bonds are fixed rate bonds which bear interest payable on April 1 and October 1 of each year. Proceeds from the bonds are being used to finance the costs of certain construction, renovation and equipment purchases for the System and to pay costs incidental to the issuance of the Series 2013 Bonds. The bond premium, \$591,216, is deferred and amortized over the remaining life of the issue.

Long-term obligations activity for the year ended June 30, 2017 was as follows:

Series	Rate on June 30 outstanding debt	Fiscal year maturity dates	Long-term obligations				
			Beginning balance	Additions	Deductions	Ending balance	Current portion
Bonds payable:							
1997B	Variable	2018 – 2027	\$ 13,400,000		(1,000,000)	\$ 12,400,000	\$ 1,000,000
2008	Variable	2018 – 2027	31,425,000		(2,365,000)	29,060,000	2,485,000
2013	5% to 6.25%	2028 – 2043	70,785,000			70,785,000	
			115,610,000	—	(3,365,000)	112,245,000	3,485,000
Unamortized premium			533,773		(20,334)	513,439	20,334
Total bonds payable			116,143,773	—	(3,385,334)	112,758,439	3,505,334
Other obligations			3,317,176		(1,976,043)	1,341,133	1,144,354
Total long-term debt			119,460,949	—	(5,361,377)	114,099,572	4,649,688
Compensated absences			23,328,219	3,931,322	(2,255,822)	25,003,719	2,173,300
Total long-term obligations			\$ 142,789,168	3,931,322	(7,617,199)	\$ 139,103,291	\$ 6,822,988

The bonds do not constitute obligations of the State of Illinois. Bond principal and interest payments are funded from revenues pledged from (a) System net revenues, principally consisting of all charges, income and revenues received from the continued use and operation of the System remaining after providing sufficient funds for the reasonable and necessary cost of currently maintaining, repairing, insuring and operating the System, (b) Medical Service Plan (MSP) revenues net of bad debt expense and contractual allowances and (c) College of Medicine tuition revenue. These revenues for the year ended June 30, 2017 are as follows:

System net revenues	\$	31,363,241
Adjusted MSP revenues		250,594,434
College of Medicine student tuition		<u>56,728,949</u>
Total	\$	<u><u>338,686,624</u></u>

The table below shows the amount of revenues pledged for future principal and interest payments on the bonds:

Pledged revenues					
Bond issue(s)	Purpose	Source of revenue pledged	Future revenues pledged <sup>1</sup>	Term of commitment	Debt service to pledged revenues (current year)
Series 1997B, 2008 and 2013	Additions to System and Refunding	System net revenues, MSP revenues net of bad debt and contractual allowances, College of Medicine tuition	\$ 200,444,394	2043	2.60%

<sup>1</sup> Total estimated future principal and interest payments on debt

The resolutions authorizing the bonds provides for the establishment of separate funds as follows: Revenue Fund, Project Fund, Repair and Replacement Reserve, Equipment Reserve, Bond and Interest Sinking Fund and Development Reserve. All income and revenues received from the continued use and operation of the System, as provided for by the Bond Resolution, are to be deposited in the Revenue Fund and used to pay necessary operation and maintenance expenses of the System. The Bond Resolution also requires transfers to funds as follows:

*Project Fund* – at the discretion of the University Comptroller, amounts not needed to complete construction and renovation projects specified in the Bond Resolution are required to be transferred either to the Repair and Replacement Reserve or to the Bond and Interest Sinking Fund.

*Repair and Replacement Reserve* – an amount calculated as specified in the Bond Resolution to provide for the cost of unusual maintenance and repairs.

*Equipment Reserve* – an amount approved by the Board for the acquisition of movable equipment to be installed in the facilities constituting the System. The reserve may not exceed 20% of the book value of the movable equipment of the System.

*Bond and Interest Sinking Fund* – amounts transferred into the Bond and Interest Sinking Fund sufficient to pay principal and interest as it becomes due on the outstanding bonds.

*Development Reserve* – an amount approved by the Board for System development. No transfers were authorized by the Board during the year ended June 30, 2017, and there was not a balance in the reserve at June 30, 2017.

The System made all required transfers for the year ended June 30, 2017.

After fulfillment of the provisions described above, the surplus, if any, remaining in the Revenue Fund may be used at the Board’s option (a) to redeem bonds of the System which are subject to early redemption, (b) to improve or add facilities to the System, or (c) for any other lawful purpose.

Assets restricted by Bond Resolution were held for the following purposes at June 30, 2017:

Restricted assets:	
Cash and investments	\$ <u>33,912,793</u>
Purpose:	
Capital projects, bond projects	\$ 15,711,155
Repair and replacement reserve	17,046,887
Bond and interest sinking fund	<u>1,154,751</u>
Total assets limited as to use	33,912,793
Less amounts required for current liabilities	<u>(1,141,660)</u>
Total for long-term use	<u>\$ 32,771,133</u>

**(a) *Health Services Facilities System Variable Rate Debt and Interest Rate Swap Agreement***

**Demand Provisions**

The System’s Series 1997B and 2008 bonds mature serially through October 2026. These bonds have variable interest rates that are adjusted periodically (i.e., daily, weekly, or monthly), generally with interest paid at the beginning of each month. The bonds are subject to purchase on the demand of the holder at a price equal to principal plus accrued interest on seven days’ notice and delivery to the University’s remarketing agents. The University pays the remarketing agent fees on the outstanding bond balance. If the remarketing agent is unable to resell any bonds that are “put” to the agent, the University has a standby bond purchase agreement with a liquidity facility entity. The University has several such agreements, with the fees on the Bond Purchase Commitment (formula based on outstanding bonds plus pro forma interest). The University, in the event a liquidity facility is utilized, has reimbursement agreements with associated financial entities. Generally, the payback period, in which the initial payment is due 366 days after the agreement takes effect, is five to seven years, at an interest rate initially set at slightly above prime or the federal funds rate.

The required future interest payments for these variable rate bonds have been calculated using the current interest rate, based upon short-term tax-exempt rates, or the synthetic fixed rate, as illustrated in the table below:

Bond issues	Interest rate at June 30, 2017	Remarketing agent	Remarketing fee	Liquidity facility			
				Bank	Expiration	Insured by	Fee
HSFS, Series 1997B	0.91%	JPMorgan Securities	0.070%	Wells Fargo	May 30, 2019	Letter of Credit	0.72%
HSFS, Series 2008	0.93	Goldman Sachs	0.070	Wells Fargo	May 30, 2019	Letter of Credit	0.72

## **Interest Rate Swap Agreement**

In fiscal year 2009, the University entered into a variable-to-fixed interest rate swap agreement with Loop Financial Products I LLC (Loop). The purpose of this interest rate swap was to hedge the Series 2008 debt by effectively changing the variable interest rate on the bonds to a synthetic fixed rate. When the swap agreement was entered, the notional amount of the swap was \$40,875,000. In accordance with the swap agreement, the University makes monthly payments to the counterparty (Loop) equal to 3.534% of the notional amount and receives monthly payments from Loop equal to 68% of the one-month London Interbank Offered Rate (LIBOR). The swap will terminate in October 2026. As of June 30, 2017, the notional amount of the swap was \$28,825,000.

The University engaged a third-party consultant to determine the fair value of the swap agreement. The fair value provided by the consultant was derived from proprietary models based upon well-recognized financial principles and reasonable estimates about relevant market conditions. The fair value (Level 2 measurement) is recognized as a noncurrent liability and was \$3,071,874 as of June 30, 2017.

In connection with the interest rate swap agreement, the University may be exposed to various types of risk:

*Credit Risk* – As of June 30, 2017, the University was not exposed to credit risk because the swap had a negative fair value. If interest rates change and the fair value of the swap becomes positive, the University would be exposed to credit risk in the amount of the derivative's fair value. The counterparty may have to post collateral in the University's favor in certain conditions, and the University would never be required to post collateral in the counterparty's favor.

*Interest Rate Risk* – During fiscal year 2017, low interest rates exposed the University to interest rate risk, which adversely affected the fair value of the swap agreement.

*Termination Risk* – The swap is scheduled to terminate in October 2026. The University has the option to terminate the swap early. The University or Loop may terminate the swap if the other party fails to perform under the terms of the contract. The University may terminate the swap if both credit ratings of the counterparties fall below BBB+ as issued by Standard & Poor's and Baa1 as issued by Moody's Investors Service. As of June 30, 2017, the counterparty (Loop) credit rating by Standard & Poor's was A- and by Moody's Investors Service was Baa2.

If the swap is terminated, the Series 2008 variable-rate bonds would no longer carry a synthetic fixed interest rate. In addition, if at the time of termination, the swap has a negative fair value, the University would be liable to Loop for a payment equal to the swap's fair value.

*Basis Risk* – The swap exposes the University to basis risk should the relationship between LIBOR and the variable weekly rate determined by the remarketing agent change, changing the synthetic rate on the bonds. If a change occurs that results in the difference in rates widening, the expected cost savings may not be realized.

*Other Risks* – Since the swap agreement extends to the maturity of the Series 2008 bonds, it does not expose the University to rollover risk. In addition, the University is not exposed to foreign currency risk associated with this swap agreement. The University is not exposed to market access risk as of June 30, 2017. However, if the University decides to issue refunding bonds and credit is more costly at that time, it could be exposed to market access risk.

(b) **Debt Service Requirements**

Future estimated debt service requirements for the Series 1997B, 2008 and 2013 Bonds at June 30, 2017 were as follows:

	<u>Principal</u>	<u>Interest</u>
2018	\$ 3,485,000	\$ 5,325,971
2019	3,620,000	5,228,144
2020	3,755,000	5,126,419
2021	3,900,000	5,021,436
2022	4,045,000	4,912,289
2023 - 2027	22,655,000	22,772,754
2028 - 2032	15,325,000	19,239,119
2033 - 2037	20,650,000	13,913,406
2038 - 2042	28,100,000	6,458,556
2043	6,710,000	201,300
Total debt service	112,245,000	\$ 88,199,394
Unamortized premium	513,439	
Total bonds payable	\$ 112,758,439	

The required debt service for the variable rate Series 1997B and 2008 Bonds has been calculated using the current interest rate of 0.91% and 0.93%, respectively, over the remaining life of the bonds.

Using the actual rate in effect as of June 30, 2017 (0.93% for Series 2008), debt service requirements of the Series 2008 variable rate debt and net swap payments, assuming current interest rates remain the same for their term, were as follows. As rates vary, variable-rate bond interest payments and net swap payments will also vary.

**Health Services Facilities System Revenue Refunding Bonds, Series 2008  
Variable-Rate Debt Service Requirements**

	<u>Variable rate bonds</u>		<u>Interest rate swaps, net</u>	<u>Total</u>
	<u>Principal</u>	<u>Interest</u>		
2018	\$ 2,485,000	270,258	692,404	\$ 3,447,662
2019	2,520,000	247,148	627,390	3,394,538
2020	2,655,000	223,711	559,110	3,437,821
2021	2,700,000	199,020	489,434	3,388,454
2022	2,845,000	173,910	416,538	3,435,448
2023 - 2027	15,855,000	453,375	887,747	17,196,122
Total	\$ 29,060,000	1,567,422	3,672,623	\$ 34,300,045

Other obligations consist of third-party financing arrangements for equipment, which have maturity dates from 2018 through 2019 and interest rates ranging from 1.26% to 6.10%.

As of June 30, 2017, future minimum payments under other obligations are as follows:

	<u>Principal</u>	<u>Interest</u>
2018	\$ 1,144,354	\$ 19,885
2019	196,779	3,235
Total minimum payments – other obligations	<u>\$ 1,341,133</u>	<u>\$ 23,120</u>

**(5) Operating Leases**

The System leases various real property and equipment under operating lease agreements, including leases renewed on an annual basis. Total rental expense under these agreements was \$1,666,884 for the year ended June 30, 2017.

As of June 30, 2017, future minimum payments under operating leases are as follows:

2018	\$ 1,717,613
2019	1,070,399
2020	933,025
2021	378,376
2022	372,055
2023 - 2026	<u>466,177</u>
Total minimum payments – operating leases	<u>\$ 4,937,645</u>

**(6) Patient Accounts Receivable**

Patient accounts receivable as of June 30, 2017, reported as current assets, consisted of the following amounts:

Patient accounts receivable, net of contractual allowances and charity care:

Medicaid managed care	\$ 197,685,687
HMO/PPO	86,488,138
Medicaid	40,739,483
Medicare managed care	31,229,987
Medicare	23,624,998
Commercial insurance	20,702,180
Self-pay and other	<u>19,663,023</u>
Total	420,133,496
Less allowance for uncollectible accounts	<u>(265,173,124)</u>
Total patient accounts receivable, net	<u>\$ 154,960,372</u>

The System grants credit without collateral to its patients, most of whom are local residents and are insured under third-party payor agreements. The mix of receivables from patients and third-party payors at June 30, 2017 was as follows:

Medicaid managed care	47.1 %
HMO/PPO	20.6
Medicaid	9.7
Medicare managed care	7.4
Medicare	5.6
Commercial insurance	4.9
Self-pay and other	4.7
	100.0 %

**(7) Net Patient Service Revenues**

Approximately 94% of the System’s net patient service revenue was derived from Medicare, Medicaid and managed care programs for the year ended June 30, 2017. Reimbursement under these programs provided payments to the System at amounts different from its established rates, based on a specific amount per case, or a contracted price, for rendering services to program beneficiaries. The System records contractual allowances in the current period representing the difference between charges for services rendered and the expected payments under these programs, and adjusts them in future periods as final settlements through cost reports or other means as determined.

Net patient service revenue for the fiscal year ending June 30, 2017 was as follows:

Medicaid managed care	\$ 752,957,530
HMO/PPO	648,347,553
Medicare	528,762,075
Medicaid	151,995,757
Medicare managed care	142,672,064
Commercial insurance	64,587,549
Self-pay and other	102,647,024
	2,391,969,552
Total gross revenue	
Less:	
Contractual allowances	(1,678,650,992)
Provision for uncollectible accounts	(40,593,579)
	\$ 672,724,981
Net patient revenue	

A summary of the payment arrangements with major third-party payers follows:

**Medicare and Medicare Managed Care** – Inpatient services rendered to Medicare program beneficiaries are paid at prospectively determined rates. These rates vary according to a patient classification system that is based on clinical, diagnostic and other factors. Inpatient services are paid at prospectively determined rates that are based on the patients’ diagnosis. Outpatient payments to the Hospital are based on a predetermined package rate based on services provided to patients. The Hospital is reimbursed for certain services at tentative rates with final settlement determined after submission of annual cost reports by the Hospital and audits thereof by the Medicare fiscal intermediary. The System’s Medicare cost reports have been audited by the Medicare fiscal intermediary through June 30, 2012. For the fiscal year ended June 30, 2017, changes in estimates related to the settlement of cost reports have been recognized as an increase in net patient service revenue of approximately \$1,152,000 as a result of settled cost reports and changes in estimates related to services rendered in previous years.

**Medicaid and Medicaid Managed Care** – Services are reimbursed at prospectively determined rates. Medicaid payment methodologies and rates for services rendered are subject to change and the amount of funding available to the University of Illinois Hospital Services Fund. Such changes could have a significant effect on the System’s revenues.

**HMO/PPO** – System has payment agreements with certain health maintenance organizations (HMOs) and preferred provider organizations (PPOs). The basis for payment under these agreements includes prospectively determined rates-per-discharge, discounts from established charges, prospectively determined daily rates and capitated per-member per-month rates.

**(8) Retirement and Postemployment Benefits**

**(a) Retirement Benefits**

**General Information about the Pension Plan**

*Plan Description:* The University contributes to the State Universities Retirement System of Illinois (SURS), a cost-sharing multiple-employer defined benefit plan with a special funding situation whereby the State makes substantially all actuarially determined required contributions on behalf of the participating employers. SURS was established July 21, 1941 to provide retirement annuities and other benefits for staff members and employees of State universities, certain affiliated organizations, and certain other State educational and scientific agencies and for survivors, dependents and other beneficiaries of such employees. SURS is considered a component unit of the State’s financial reporting entity and is included in the State’s financial reports as a pension trust fund. SURS is governed by Chapter 40, Act 5. Article 15 of the *Illinois Compiled Statutes*. SURS issues a publicly available financial report that includes financial statements and required supplementary information. That report may be obtained by accessing the website at [www.surs.org](http://www.surs.org).

*Benefits Provided:* A traditional benefit plan was established in 1941. Public Act 90-0448 enacted effective January 1, 1998, established an alternative defined benefit program known as the portable benefit package. The traditional and portable plan Tier 1 refers to members that began participation prior to January 1, 2011. Public Act 96-0889 revised the traditional and portable benefit plans for members who begin participation on or after January 1, 2011, and who do not have eligible Illinois reciprocal system services. The revised plan is referred to as Tier 2. New employees are allowed 6 months after their date of hire to make an irrevocable election. A summary of the benefit provisions as of June 30, 2016 can be found in the SURS’ comprehensive annual financial report (CAFR) Notes to the Financial Statements.

Eligible employees must participate upon initial employment. Employees are ineligible to participate if (a) employed after having attained age 68; (b) employed less than 50% of full time; or (c) employed less than full time and attending classes with an employer. Of those University employees ineligible to participate, the majority are students at the University.

*Contributions:* The State of Illinois is primarily responsible for funding SURS on behalf of the individual employers at an actuarially determined amount. Public Act 88-0593 provides a Statutory Funding Plan consisting of two parts: (i) a ramp-up period from 1996 to 2010 and (ii) a period of contributions equal to a level percentage of the payroll of active members of the System to reach 90% of the total Actuarial Accrued Liability by the end of Fiscal Year 2045. Employer contributions from “trust, federal, and other funds” are provided under Section 15-155(b) of the Illinois Pension Code and require employers to pay contributions which are sufficient to cover the accruing normal costs on behalf of applicable employees. The employer normal cost for fiscal year 2016 and 2017 respectively, was 12.69% and 12.53% of employee payroll. The normal cost is equal to the value of current year’s pension benefit and does not include any allocation for past unfunded liability or interest on the unfunded liability. Plan members are required to contribute 8.0% of their annual covered salary. The

contribution requirements of plan members and employers are established and may be amended by the Illinois General Assembly.

Participating employers make contributions toward separately financed specific liabilities under Section 15-139.5(e) of the Illinois Pension Code (relating to contributions payable due to the employment of “affected annuitants” or specific return to work annuitants) and Section 15-155(g) (relating to contributions payable due to earning increases exceeding 6% during the final rate of earnings period).

**Pension Liabilities, Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions**

*Net Pension Liability:* The net pension liability was measured as of June 30, 2016. At June 30, 2016, SURS reported a net pension liability of \$25,965,271,744.

*Employer Proportionate Share of Net Pension Liability:* The amount of the proportionate share of the net pension liability to be recognized for the System is \$0. The proportionate share of the State’s net pension liability associated with the System is \$2,016,718,081. This amount should not be recognized in the financial statement. The net pension liability and total pension liability as of June 30, 2016 was determined based on the June 30, 2015 actuarial valuation rolled forward. The basis of allocation used in the proportionate share of net pension liability is the actual reported pensionable earnings made to SURS during fiscal year 2016.

*Pension Expense:* At June 30, 2016 SURS reported a collective net pension expense of \$2,566,164,865.

*Employer Proportionate Share of Pension Expense:* The employer proportionate share of collective pension expense should be recognized similarly to on-behalf payments as both revenue and matching expenditure in the financial statements. The basis of allocation used in the proportionate share of collective pension expense is the actual reported pensionable contributions made to SURS during fiscal year 2016. As a result, the University recognized on-behalf revenue and pension expense of \$1,086,779,405 for fiscal year ended June 30, 2017, of which \$199,313,499 was related to the System.

*Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions:* Deferred outflows of resources are the consumption of net position by SURS that is applicable to future reporting periods.

<b>SURS Collective Deferred Outflows and Deferred Inflows of Resources by Sources</b>		
	<b>Deferred Outflows of Resources</b>	<b>Deferred Inflows of Resources</b>
Difference between expected and actual experience	\$ 14,215,882	2,298,574
Changes in assumption	655,463,758	
Net difference between projected and actual earnings on pension plan investments	795,528,330	
Total	\$ 1,465,207,970	2,298,574

**SURS Collective Deferred Outflows and Deferred Inflows of  
Resources by Year to be Recognized in Future Pension Expense**

Year Ending June 30	Net Deferred Outflows of Resources
2017	\$ 539,536,680
2018	275,426,885
2019	401,520,624
2020	246,425,207
2021	
Thereafter	
Total	\$ 1,462,909,396

**Assumptions and Other Inputs**

*Actuarial assumptions:* The actuarial assumptions used in the June 30, 2016 valuation were based on the results of an actuarial experience study for the period June 30, 2010 – 2014. The total pension liability in the June 30, 2016 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	2.75 percent
Salary increases	3.75 to 15.00 percent, including inflation
Investment rate of return	7.25 percent beginning with the actuarial valuation as of June 30, 2014

Mortality rates were based on the RP2014 Combined Mortality Table with projected generational mortality and a separate mortality assumption for disabled participants.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return were adopted by the plan’s trustees after considering input from the plan’s investment consultant(s) and actuary(s). For each major asset class that is included in the pension plan’s target asset allocation as of June 30, 2016, these best estimates are summarized in the following table:

<b>Asset Class</b>	<b>Target Allocation</b>	<b>Weighted Average Long-Term Expected Real Rate of Return</b>
U.S. Equity	23%	6.08%
Private Equity	6%	8.73%
Non-U.S. Equity	19%	6.95%
Global Equity	8%	6.78%
Fixed Income	19%	1.17%
Treasury-Inflation Protected Securities	4%	1.41%
Emerging Market Debt	3%	4.44%
Real Estate REITS	4%	5.75%
Direct Real Estate	6%	4.62%
Commodities	2%	4.23%
Hedged Strategies	5%	4.00%
Opportunity Fund	1%	6.54%
<b>Total</b>	<b>100%</b>	<b>5.09%</b>
<b>Inflation</b>		<b>2.75%</b>
<b>Expected Arithmetic Return</b>		<b>7.84%</b>

*Discount Rate:* A single discount rate of 7.010% was used to measure the total pension liability. This single discount rate was based on an expected rate of return on pension plan investments of 7.250% and a municipal bond rate of 2.85% (based on the weekly rate closest to but not later than the measurement date of the 20-Year Bond Buyer Index as published by the Federal Reserve). The projection of cash flows used to determine this single discount rate were the amounts of contributions attributable to current plan members and assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made at rates equal to the statutory contribution rates under SURS' funding policy. Based on these assumptions, the pension plan's fiduciary net position and future contributions were sufficient to finance the benefit payments through the year 2073. As a result, the long-term expected rate of return on pension plan investments was applied to projected benefit payments through the year 2073, and the municipal bond rate was applied to all benefit payments after that date.

*Sensitivity of the SURS' Net Pension Liability to Changes in the Discount Rate:* Regarding the sensitivity of the net pension liability to changes in the single discount rate, the following presents the plan's net pension liability, calculated using a single discount rate of 7.01%, as well as what the plan's net pension liability would be if it were calculated using a single discount rate that is 1-percentage-point lower or 1-percentage-point higher:

<b>1% Decrease 6.01%</b>	<b>Current Single Discount Rate Assumption 7.01%</b>	<b>1% Increase 8.01%</b>
<u>\$31,348,831,631</u>	<u>\$25,965,271,744</u>	<u>\$21,502,421,700</u>

Additional information regarding the SURS basic financial statements including the Plan Net Position can be found in the SURS comprehensive annual financial report by accessing the website at [www.SURS.org](http://www.SURS.org).

**(b) Postemployment Benefits**

The State Employees Group Insurance Act of 1971 (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 university component unit employees become eligible for these other postemployment benefits (OPEB) if they eventually become annuitants of one of the State sponsored pension plans. The Department of Central Management Services administers these benefits for annuitants with the assistance of the State's sponsored pension plans. The portions of the Act related to OPEB establish a cost-sharing multiple-employer defined-benefit OPEB plan (plan) with a special funding situation in which the State funds substantially all nonparticipant contributions. The plan does not issue a stand-alone financial report but is included as a part of the State's financial statements. A copy of the financial statements of the State can be obtained at [www.ioc.state.il.us](http://www.ioc.state.il.us).

The health, dental and vision benefits provided to and contribution amounts required from annuitants are the result of collective bargaining between the State and various unions that represent the State and the university employees in accordance with limitations established in the Act. Therefore, the benefits provided and contribution amounts are subject to periodic change. The Act requires the State to provide life insurance benefits for annuitants equal to their annual salary as of the last day of employment until age 60, at which time the benefit amount becomes \$5,000.

The State makes substantially all of the contributions for OPEB on behalf of the State universities. Since the State contributes substantially all of the employer contributions, the single-employer provisions of GASB Statement No. 45, *Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions*, have been followed for reporting the plan. The State is not required to and does not fund the plan other than the pay-as-you-go amount necessary to provide the current benefits.

**(9) Related-Party Transactions**

The University charged the System for administrative and other services totaling \$14,796,024 in fiscal year 2017. These charges represent a portion of the estimated administrative and other service costs incurred by the University in support of the System. An additional \$29,197,700 was paid by the University on behalf of the System for salaries and other costs for the year ended June 30, 2017, in exchange for System services and facilities provided, and are recognized as operating expenses (salaries and general) and operating revenues.

The System provides funds to the College of Medicine to support programmatic initiatives that benefit the System's strategic goals and to pay for salaries of physicians and staff in the College of Medicine who serve as medical directors and physician leaders of the System under various agreements. During fiscal year 2017, approximately \$35.5 million was recognized in supplies and general expenses by the System under these agreements.

The System provides funds to the University's College of Pharmacy under various arrangements to pay for salaries of clinical pharmacists, faculty and residents and to support programs that benefit the System's clinical operations. During fiscal year 2017, approximately \$11.0 million was recognized in salaries and wages and supplies and general expenses under these arrangements.

The System contracts with the College of Pharmacy to provide certain pharmacy services related to the Federal drug discount program under Section 340b of the Public Health Service Act, under which the System is a covered entity and purchases drugs for dispensing to eligible outpatients. During fiscal year 2017, the System paid approximately \$8.7 million to the College of Pharmacy for these services.

The College of Pharmacy also provides various community benefit programs to patients and constituents of the System. During fiscal year 2017, the System paid approximately \$4.4 million to the College of Pharmacy to support these programs.

Most healthcare services rendered by physicians at the University are charged, billed and collected through the MSP. For ambulatory care services, there is a charge for both professional and technical components. Based on the underlying agreements between the MSP and the System, the System remits funds collected to the MSP. Total MSP remittances from the System for the year ended June 30, 2017 relating to the billing and collection of physician fees and the delivery of ambulatory care were approximately \$29.1 million.

During 2017, various departments within the College of Medicine agreed to reimburse the System for a portion of the expenses related to the resident and fellowship training program. This reimbursement, which totaled \$2.6 million, has been reflected in the financial statements as a reduction of the related expenses.

## **(10) Commitments and Contingencies**

### **(a) Commitments**

At June 30, 2017, the System had commitments on various construction projects and contracts for repairs and renovation of health services facilities of \$13,878,548.

### **(b) Contingencies**

The University (including the System) is involved in regulatory audits arising in the normal course of business.

In 2016, the System received notices from Medicare requiring that it provide documentation for certain claims as part of the Recovery Audit Contractor (RAC) program. The System has responded to these requests. Review of claims through the RAC program may result in a liability to Medicare which could have a material impact on the System's net patient service revenues.

The University (including the System) is a defendant in a number of legal actions primarily related to medical malpractice. These legal actions have been considered in estimating the University's accrued self-insurance liability, which covers hospital and medical professional/general liability; estimated general and contractual liability, and workers' compensation liability. At June 30, 2017, the University's total accrued self-insurance liability was \$239,485,185.

The University's accrued self-insurance liability includes \$172,140,480 at June 30, 2017, for the most probable and reasonably estimable ultimate cost of medical malpractice liabilities. Ultimate cost consists of amounts estimated by the University's risk management division and actuaries for asserted claims, unasserted claims arising from reported incidents, expected litigation expenses and amounts determined by actuaries using relevant industry data and System specific data to cover projected losses for claims incurred but not yet reported. The System contributes to the University's self-insurance reserve through annual assessments. Therefore, no liability related to medical malpractice claims is included in the System's financial statements, but the entire self-insurance liability is reflected in the University's financial statements.

In 2004, the Office of the Inspector General of the U.S. Department of Health and Human Services (OIG) conducted an audit of the Medicaid disproportionate share hospital (DSH) programs in ten states for the years 1997 through 2000, including the State of Illinois. The OIG's audit report indicated that the State of Illinois' Medicaid DSH payments exceeded hospital-specific limits, and that the Federal share of those overpayments was \$145.8 million, of which \$140.3 million related to payments made to the University's hospital. The Illinois Department of Healthcare and Family Services (IDHFS) believes it followed guidelines published by the U. S. Centers for Medicare and Medicaid Services (CMMS) and that its methodology for calculating the hospital-specific limit had

consistently been approved by CMMS. However, on July 25, 2016, CMMS issued a formal notice to IDHFS that it had adopted the OIG's recommendation and was requesting repayment by IDHFS of the \$140.3 million associated with the University's hospital. In January 2017, IDHFS filed an appeal notice with the U.S. Department of Health and Human Services Departmental Appeals Board. At this time, neither CMMS nor IDHFS has made a repayment request to the University or the System. The impact to the University and System, if any, will be determined after the appeal process concludes.

**(11) Subsequent Events**

On July 6, 2017, the State passed legislation, which included an appropriation of \$300 million to fund fiscal year 2017 expenditures incurred by the University. Of this amount, \$18,005,600 was allocated to the System for its fiscal year 2017 expenditures. Since the amount was appropriated in fiscal year 2018, the System will report the associated revenue in fiscal year 2018 to comply with GASB reporting requirements. The legislation also included a specific line-item appropriation of \$39,588,800 for fiscal year 2018 expenditures incurred by the System. The legislation also included a provision to create a new pension plan option for SURS. Upon implementation of this plan option, normal employer pension costs for eligible newly-hired System employees will be shifted to the System. Additionally, certain existing System SURS-eligible employees hired on or after January 1, 2011 will also have an irrevocable option to enroll in this new plan option. For the eligible System employees electing this option, normal employer pension costs, incurred on or after the implementation date of the plan option, will also be shifted to the System. The new plan option is under development by SURS and the implementation date has yet to be determined. Also, with this legislation, the System will become responsible for the normal pension cost of the portion of eligible employee earnings that exceeds the amount set for the State of Illinois Governor's salary, effective beginning fiscal year 2018.

**UNIVERSITY OF ILLINOIS  
HEALTH SERVICES FACILITIES SYSTEM**

**Required Supplementary Information  
Year Ended June 30, 2017**

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<b>Schedule of University of Illinois Health Services Facilities System Proportionate Share of the Net Pension Liability</b>	<b>Fiscal Year 2016</b>	<b>Fiscal Year 2015</b>	<b>Fiscal Year 2014</b>
(a) Proportion Percentage of the Collective Net Pension Liability	0%	0%	0%
(b) Proportion Amount of the Collective Net Pension Liability	\$0	\$0	\$0
(c) Portion of Nonemployer Contributing Entities' Total Proportion of Collective Net Pension Liability associated with Employer	\$2,016,718,081	\$1,770,601,518	\$1,546,893,194
Total (b) + (c)	\$2,016,718,081	\$1,770,601,518	\$1,546,893,194
Employer Covered-employee payroll	\$303,779,641	\$288,976,608	\$299,799,478
Proportion of Collective Net Pension Liability associated With Employer as a percentage of covered-employee payroll	663.88%	612.71%	515.98%
SURS Plan Net Position as a Percentage of Total Pension Liability	39.57%	42.37%	44.39%

**UNIVERSITY OF ILLINOIS  
HEALTH SERVICES FACILITIES SYSTEM**

**Notes to Required Supplementary Information  
June 30, 2017**

*Changes of benefit terms.* There were no benefit changes recognized in the Total Pension Liability as of June 30, 2016.

*Changes of assumptions.* In accordance with Illinois Compiled Statutes, an actuarial review is to be performed at least once every three years to determine the reasonableness of actuarial assumptions regarding the retirement, disability, mortality, turnover, interest and salary of the members and benefit recipients of SURS. An experience review for the years June 30, 2010 to June 30, 2014 was performed in February 2015, resulting in the adoption of new assumptions as of June 30, 2015.

- Mortality rates. Change from the RP 2000 Mortality table projected to 2017, sex distinct, to the RP-2014 mortality tables with projected generational mortality improvement. Change to a separate mortality assumption for disabled participants.
- Salary increases. Change assumption to service-based rates, ranging from 3.75 percent to 15.00 percent based on years of service, with underlying wage inflation of 3.75 percent.
- Normal retirement rates. Change to retirement rates at ages younger than 60, age 66, and ages 70-79 to reflect observed experiences.
- Early retirement rates. Change to a slight increase to the rates at ages 55 and 56.
- Turnover rates. Change to produce lower expected turnover for members with less than 10 years of service and higher turnover for members with more than 10 years of service than the currently assumed rates.
- Disability rates. Decrease rates and have separate rates for males and females to reflect observed experience.
- Dependent assumption. Maintain the current assumption on marital status that varies by age and sex and the assumption that males are three years older than their spouses.

\*Note: The System implemented GASB No. 68 in fiscal year 2015. The information above is presented for as many years as available. The Schedule is intended to show information for 10 years.