



BROWN UNIVERSITY

Financial Statements

June 30, 2019 and 2018

(With Independent Auditors' Report Thereon)



KPMG LLP
One Financial Plaza, Suite 2300
Providence, RI 02903

Independent Auditors' Report

The President and Corporation
Brown University:

We have audited the accompanying financial statements of Brown University, which comprise the balance sheets as of June 30, 2019 and 2018, the related statements of activities and cash flows for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with U.S. generally accepted accounting principles; 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. 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 organization'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 organization's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Brown University as of June 30, 2019 and 2018, and the changes in its net assets and its cash flows for the years then ended in accordance with U.S. generally accepted accounting principles.



Emphasis of Matter

As discussed in note 1(p) to the financial statements, in 2019, the University adopted Accounting Standards Update (ASU) 2016-14, *Presentation of Financial Statements of Not-for-Profit Entities*. Our opinion is not modified with respect to this matter.

KPMG LLP

October 28, 2019

BROWN UNIVERSITY

Balance Sheets

June 30, 2019 and 2018

(Dollars in thousands)

Assets	2019	2018
Cash and cash equivalents	\$ 208,926	243,241
Accounts receivable and other assets	76,262	62,500
Contributions receivable, net	277,443	217,634
Notes receivable, net	23,928	28,306
Funds held in trust by others	62,886	94,443
Investments	4,368,716	4,021,114
Land, buildings and equipment, net	1,191,132	1,124,728
Total assets	\$ <u>6,209,293</u>	<u>5,791,966</u>
Liabilities and Net Assets		
Liabilities:		
Accounts payable and accrued liabilities	\$ 89,562	106,288
Liabilities associated with investments	24,423	60,128
Student deposits and grant advances	74,286	65,655
Other long-term obligations	98,176	83,914
Retirement obligations	61,618	19,829
Bonds, loans and notes payable	787,709	819,661
Total liabilities	<u>1,135,774</u>	<u>1,155,475</u>
Net assets:		
Without donor restrictions	1,125,901	1,078,110
With donor restrictions	3,947,618	3,558,381
Total net assets	<u>5,073,519</u>	<u>4,636,491</u>
Total liabilities and net assets	\$ <u>6,209,293</u>	<u>5,791,966</u>

See accompanying notes to financial statements.

BROWN UNIVERSITY

Statement of Activities

Year ended June 30, 2019

(Dollars in thousands)

	<u>Without donor restrictions</u>	<u>With donor restrictions</u>	<u>Total</u>
Operating revenues:			
Net tuition and fees	\$ 372,951	—	372,951
Grants and contracts	200,909	—	200,909
Contributions	60,726	31,518	92,244
Endowment return appropriated	150,574	3,283	153,857
Sales and services of auxiliary enterprises	102,712	—	102,712
Other income	44,891	—	44,891
Net assets released from restrictions	<u>19,802</u>	<u>(19,802)</u>	<u>—</u>
Total operating revenues	<u>952,565</u>	<u>14,999</u>	<u>967,564</u>
Operating expenses:			
Salaries and wages	402,639	—	402,639
Employee benefits	114,255	—	114,255
Graduate student support	81,749	—	81,749
Purchased services	99,154	—	99,154
Supplies and general	152,084	—	152,084
Utilities	35,665	—	35,665
Interest	24,438	—	24,438
Depreciation	<u>82,942</u>	<u>—</u>	<u>82,942</u>
Operating expenses	<u>992,926</u>	<u>—</u>	<u>992,926</u>
Change in net assets from operating activities	<u>(40,361)</u>	<u>14,999</u>	<u>(25,362)</u>
Nonoperating activities:			
Contributions	7,358	191,986	199,344
Net investment return	90,809	358,370	449,179
Endowment return appropriated	(25,048)	(128,809)	(153,857)
Other changes, net	(32,091)	(185)	(32,276)
Net assets released from restrictions	<u>47,124</u>	<u>(47,124)</u>	<u>—</u>
Change in net assets from nonoperating activities	<u>88,152</u>	<u>374,238</u>	<u>462,390</u>
Change in net assets	47,791	389,237	437,028
Net assets, beginning of year	<u>1,078,110</u>	<u>3,558,381</u>	<u>4,636,491</u>
Net assets, end of year	\$ <u><u>1,125,901</u></u>	\$ <u><u>3,947,618</u></u>	\$ <u><u>5,073,519</u></u>

See accompanying notes to financial statements.

BROWN UNIVERSITY

Statement of Activities

Year ended June 30, 2018

(Dollars in thousands)

	<u>Without donor restrictions</u>	<u>With donor restrictions</u>	<u>Total</u>
Operating revenues:			
Net tuition and fees	\$ 353,314	—	353,314
Grants and contracts	190,230	—	190,230
Contributions	65,238	47,250	112,488
Endowment return appropriated	149,064	2,577	151,641
Sales and services of auxiliary enterprises	100,036	—	100,036
Other income	43,975	—	43,975
Net assets released from restrictions	15,654	(15,654)	—
Total operating revenues	<u>917,511</u>	<u>34,173</u>	<u>951,684</u>
Operating expenses:			
Salaries and wages	376,515	—	376,515
Employee benefits	108,990	—	108,990
Graduate student support	75,640	—	75,640
Purchased services	107,452	—	107,452
Supplies and general	141,806	—	141,806
Utilities	31,153	—	31,153
Interest	27,491	—	27,491
Depreciation	78,176	—	78,176
Operating expenses	<u>947,223</u>	<u>—</u>	<u>947,223</u>
Change in net assets from operating activities	<u>(29,712)</u>	<u>34,173</u>	<u>4,461</u>
Nonoperating activities:			
Contributions	1,231	168,049	169,280
Net investment return	92,604	343,102	435,706
Endowment return appropriated	(25,283)	(126,358)	(151,641)
Other changes, net	(5,613)	(2,416)	(8,029)
Net assets released from restrictions	79,433	(79,433)	—
Change in net assets from nonoperating activities	<u>142,372</u>	<u>302,944</u>	<u>445,316</u>
Change in net assets	112,660	337,117	449,777
Net assets, beginning of year (as restated)	<u>965,450</u>	<u>3,221,264</u>	<u>4,186,714</u>
Net assets, end of year	\$ <u><u>1,078,110</u></u>	<u><u>3,558,381</u></u>	<u><u>4,636,491</u></u>

See accompanying notes to financial statements.

BROWN UNIVERSITY

Statements of Cash Flows

Years ended June 30, 2019 and 2018

(Dollars in thousands)

	<u>2019</u>	<u>2018</u>
Cash flows from operating activities:		
Change in net assets	\$ 437,028	449,777
Adjustments to reconcile change in net assets to net cash used in operating activities:		
Net realized and unrealized gains on investments	(467,714)	(421,118)
Depreciation	82,942	78,176
Amortization of bond premium	(4,717)	(4,663)
Gain on KARING transaction	—	(13,748)
Loss from disposals of land, building and equipment	336	1,422
Change in funded status of pension obligation	14,336	(6,533)
Change in fair value of interest rate swap liabilities	13,503	(9,125)
Change in asset retirement obligation	843	282
Change in estimate of split-interest obligations	1,967	242
Contributions restricted for plant and endowment	(128,917)	(126,462)
Change in accounts receivable and other assets	(13,762)	(3,138)
Change in accounts payable and accrued liabilities	(10,185)	34,086
Change in contributions receivable, net	(59,809)	(59,410)
Change in other operating liabilities, net	9,134	(4,840)
Net cash used in operating activities	<u>(125,015)</u>	<u>(85,052)</u>
Cash flows from investing activities:		
Additions to land, buildings and equipment	(156,223)	(92,142)
Purchases of investments	(1,801,696)	(1,988,267)
Sales and redemptions of investments	1,890,149	2,046,854
Notes repaid by students and others, net	4,378	725
Change in funds held in trust by others, excluding swap collateral	37,557	(63,013)
Net cash used in investing activities	<u>(25,835)</u>	<u>(95,843)</u>
Cash flows from financing activities:		
Contributions restricted for plant and endowment	128,917	126,462
Proceeds from sale of restricted gifts of securities	23,407	20,907
Payments under split-interest obligations	(2,554)	(2,209)
Payments on long-term debt	(102,235)	(96,495)
Proceeds from issuance of debt, including premium	75,000	160,657
Cash collateral posted under swap agreements	(9,500)	(1,200)
Cash collateral returned under swap agreements	3,500	5,300
Advance from line of credit	32,000	55,000
Payment of advance from line of credit	(32,000)	(55,000)
Net cash provided by financing activities	<u>116,535</u>	<u>213,422</u>
Change in cash and cash equivalents	(34,315)	32,527
Cash and cash equivalents, beginning of year	<u>243,241</u>	<u>210,714</u>
Cash and cash equivalents, end of year	\$ <u><u>208,926</u></u>	\$ <u><u>243,241</u></u>

See accompanying notes to financial statements.

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Notes to Financial Statements

June 30, 2019 and 2018

(Dollars in thousands)

(1) Summary of Significant Accounting Policies

(a) Organization

Brown University (the University or Corporation) is a private, not-for-profit, nonsectarian, co-educational institution of higher education with approximately 6,670 undergraduate students and 3,000 graduate and medical students. Established in 1764, Brown University offers educational programs for undergraduates in liberal arts and engineering, professional training for students pursuing a career in medicine, and graduate education and training in the arts and sciences, engineering and medicine.

(b) Basis of Presentation and Tax Status

The accompanying financial statements are presented on the accrual basis of accounting in accordance with U.S. generally accepted accounting principles (GAAP) and present balances and transactions according to the existence or absence of donor-imposed restrictions.

The John Nicholas Brown Center for the Study of American Civilization; Farview Incorporated, a real estate holding company; KARING, a Rhode Island not-for-profit corporation that holds certain property of the Warren Alpert Medical School; and certain entities established by the University's investment office that holds certain investment funds, are all separate legal entities that are consolidated in the financial statements. Brown University and these consolidated entities are collectively referred to herein as the University. All significant inter-entity transactions and balances have been eliminated. In 2019, KARING and Farview Incorporated were dissolved and all of the assets and liabilities were assumed by the University.

The University is a not-for-profit organization as described in Section 501(c)(3) of the Internal Revenue Code, as amended, and is generally exempt from income taxes. The University assesses uncertain tax positions and determined that there are no such positions that have a material effect on the financial statements.

On December 22, 2017, the Tax Cuts and Jobs Act (the "Act") was enacted. The Act impacts the University in several ways, including the addition of excise taxes on executive compensation and new rules for calculating unrelated business taxable income. We do not believe it is material to the financial statements.

(c) Classification of Net Assets

Net assets, revenues, and gains and losses are classified based on the existence or absence of donor-imposed restrictions into two classes of net assets. Accordingly, net assets of the University are classified and reported as follows:

- *Without donor restrictions* – Net assets that are not subject to donor-imposed stipulations.
- *With donor restrictions* – Net assets subject to donor-imposed stipulations that are more specific than broad limits resulting from a not-for-profit's nature, environment in which it operates and incorporating documents. Some donors impose restrictions that are temporary in nature for example, stipulating that resources be used only after a specific date, for particular programs or services, or to acquire buildings and equipment. Other donors impose restrictions that are

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perpetual in nature, for example, donor-restricted endowment funds stipulating that resources be maintained in perpetuity.

Revenues are reported as increases in net assets without donor restrictions unless their use is limited by donor-imposed restrictions. Expenses are reported as decreases in net assets without donor restrictions. Gains and losses on investment are reported as increases or decreases in net assets without donor restrictions unless their use is restricted by explicit donor stipulations or by law. The University is incorporated in and subject to the laws of Rhode Island, which contain the provisions outlined in the Uniform Prudent Management of Institutional Funds Act (UPMIFA). Under UPMIFA, the net assets of a donor-restricted endowment funds may be appropriated for expenditure by the Corporation of the University in accordance with the standard of prudence prescribed by UPMIFA.

(d) Fair Value Measurements

Investments, funds held in trust by others, and interest rate swaps are reported at fair value in the University's financial statements. Fair value represents the price that would be received upon the sale of an asset or paid upon the transfer of a liability in an orderly transaction between market participants as of the measurement date. The University uses a three-tiered hierarchy to categorize those assets and liabilities based on the valuation methodologies employed. The hierarchy is defined as follows:

- Level 1 – Valuation based on quoted prices (unadjusted) in active markets that are accessible at the measurement date for assets or liabilities;
- Level 2 – Valuations based on inputs other than quoted prices that are observable for the asset or liability either directly or indirectly; and
- Level 3 – Valuation based on unobservable inputs used in situations in which little or no market data is available.

The fair value hierarchy gives the highest priority to Level 1 inputs and the lowest priority to Level 3 inputs. The University utilizes valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs to the extent possible. Transfers between categories occur when there is an event that changes the inputs used to measure the fair value of an asset or liability. Transfers between fair value categories are recognized at the end of the reporting period.

Investments measured at net asset value as a practical expedient to estimate fair value are not categorized in the fair value hierarchy.

(e) Statements of Activities

The statements of activities separately report changes in net assets from operating and nonoperating activities. Operating activities consist principally of revenues and expenses related to ongoing educational and research programs, including endowment return appropriated by the Corporation to support those programs. Nonoperating activities consist of net investment return, an offset for endowment return appropriated for operating activities, changes in fair values of interest rate swaps, change in pension plan and other long-term obligations, contributions for long-term purposes, net assets released from donor restrictions for property placed in service, and other activities not in direct support of annual operations.

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Under ASC Topic 606, revenue from contracts with customers is recognized when control of the promised goods or services is transferred in an amount that reflects the consideration to which we expect to be entitled in exchange for those goods or services (i.e., the transaction price). Revenues are derived from various source, as follows:

- Revenue from student education, residence, and dining services is determined based on published rates and is billed and reflected net of reductions from institutional student aid, which may be funded by endowment funds or other institutional resources. Such revenue is recognized as the services are provided over the academic year, which generally aligns with the University's fiscal year. Aid in excess of a student's tuition and fees is reflected as a reduction of residence and dining charges. Disbursements made directly to students for living costs or other purposes are reported as an expense. Payments for student services are generally received prior to the commencement of each academic term and are reported as student deposits to the extent services will be rendered in the following fiscal year.

The composition of student tuition and fee revenue was as follows for the years ended June 30, 2019 and 2018:

	<u>2019</u>	<u>2018</u>
Undergraduate	\$ 394,857	377,994
Graduate and masters programs	168,555	154,249
Other	<u>18,499</u>	<u>18,520</u>
Tuition and fees	581,911	550,763
Less university scholarships	<u>(208,960)</u>	<u>(197,449)</u>
Net tuition and fees	\$ <u><u>372,951</u></u>	<u><u>353,314</u></u>

Sales and services of auxiliary enterprises revenues are recognized when goods or services are provided to customers. Auxiliary enterprises revenue consisted of the following for the years ended June 30, 2019 and 2018:

	<u>2019</u>	<u>2018</u>
Residence, dining and health services	\$ 82,344	79,225
Bookstore, rental and other auxiliary income	<u>20,368</u>	<u>20,811</u>
Total	\$ <u><u>102,712</u></u>	<u><u>100,036</u></u>

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(Dollars in thousands)

- Contributions, including unconditional promises from donors reported as contributions receivable, are recognized at fair value in the period received and are classified based upon the existence or absence of donor-imposed restrictions. Expirations of donor-imposed restrictions are reported as net assets released from restrictions. Contributions which impose donor restrictions that are met in the same fiscal year they are received are reported as increases in net assets without donor restrictions. Bequest intentions and conditional promises are not recorded in the University's financial statements.
- Grants and contracts awarded by federal and other sponsors, which generally are considered nonexchange transactions restricted by sponsors for certain purposes, are recognized as revenue when qualifying expenditures are incurred and conditions under the agreements are met. The University has elected the simultaneous release policy available under ASU 2018-08, which allows a not-for-profit organization to recognize a restricted contribution directly in net assets without donor restrictions if the restriction is met in the same period that the revenue is recognized. Total revenue from grants and contracts recognized in net assets without donor restrictions was \$200,909 and \$190,230 for the years ended June 30, 2019 and 2018, respectively. Payments received from sponsors in advance of conditions being met are reported as deferred revenue, which totaled \$23,150 and \$19,944 as of June 30, 2019 and 2018, respectively. Conditional awards from federal sponsors outstanding as of June 30, 2019 were \$402,345.
- Dividends, interest and realized and unrealized gains (losses) on investments are reported as increases (decreases) in (1) net assets with donor restrictions if the terms of the contributions require them to be added to principal or if the terms of the related contributions impose restrictions on their availability or use; or (2) net assets without donor restrictions in all other cases. Investment return attributable to donor-restricted endowment funds is reported as net assets with donor restrictions to the extent not appropriated and spent.

Expenses are reported as decreases in net assets without donor restrictions.

(f) Cash Equivalents

For purposes of the statements of cash flows, cash equivalents, except for those held by investment managers, consist of money market funds and investments with original maturities of three months or less and are carried at cost, which approximates fair value.

(g) Accounts Receivable and Other Assets and Notes Receivable

Accounts receivable and other assets include amounts due from students, reimbursements due from sponsors of externally funded research, accrued income on investments, inventory and prepaid expenses. Notes and accounts receivable are presented net of an allowance for uncollectible amounts.

(h) Land, Buildings and Equipment

Land, buildings and equipment are stated at cost of acquisition or construction (including capitalized interest) or, to the extent received as a gift, at estimated fair value at the time of receipt, and are presented net of accumulated depreciation. All other expenditures for maintenance and repairs are charged to operating activities as incurred.

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Depreciation is calculated using the straight-line method with estimated useful lives of 30-to-40 years for buildings, 20-to-30 years for building improvements, and 3-to-15 years for equipment, depending upon asset class. Depreciation on buildings that support research efforts are componentized and depreciated over useful lives ranging from 15-40 years.

(i) Fund Held in Trust by Others

Funds held in trust by others represent funds that are held and administered by outside trustees, including perpetual trusts established by donors of \$28,887 and \$28,827 at June 30, 2019 and 2018, respectively. The University receives all or a specified portion of the return on the underlying assets of most of the trusts, which is primarily restricted for scholarships. Most of these trust interests are classified in Level 3 in the fair value hierarchy. Other trustee funds of \$33,999 and \$65,616 at June 30, 2019 and 2018, respectively, represent debt proceeds to be utilized for construction projects or otherwise required to be held as collateral or in reserve in accordance with debt or interest rate swap agreements. These are classified in Level 1 in the fair value hierarchy because the underlying securities held by the trustee are based on quoted market prices.

(j) Federal Student Loan Advances

The University holds certain amounts advanced by the U.S. government under the Federal Perkins Loan Program and the Health Professions Student Loan Program (the Programs). Under federal law, the authority for schools to make new loans under the Programs ended on September 30, 2017, and final distributions to student were permitted through June 30, 2018.

(k) Collections

The University's collections include works of art, historical treasures, and artifacts that are maintained in the University's libraries and museums. These collections are protected and preserved for education and research purposes. The collections are not recognized as assets in the financial statements of the University.

(l) Derivatives

The University uses derivatives for both debt and investment-related purposes. Interest-rate swaps, as described in note 7 (c), are initially used to manage interest-rate risk by fixing the rate on associated variable-rate debt issuances. In addition, certain of the University's investment strategies utilize various derivative financial instruments for a number of investment purposes, including hedging or altering exposure to certain asset classes and cost-effectively adding exposures to portions of the portfolio. Positions are expected to create gains or losses which, when combined with the applicable portion of the total investment portfolio, provide an expected result. Among the derivative instruments that may be entered from time to time include total return swaps to manage exposures in equity markets, foreign currency forward contracts to manage currency exposures in the portfolio. The University has established policies and procedures to monitor and manage risks related to these instruments. In connection with its investment derivative activities, the University generally maintains master netting agreements and collateral agreements with its counterparties. The agreements provide the University the right, in the event of default by the counterparty, to net a counterparty's rights and obligations under the agreement and to liquidate and offset collateral against any net amount owed by the counterparty.

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Notes to Financial Statements

June 30, 2019 and 2018

(Dollars in thousands)

(m) Liabilities Associated with Investments

The University may, from time to time, incur liabilities associated with its investments portfolio as a result of securities sold short or other transactions. In order to terminate a short position, the University must acquire and deliver to the lender a security identical to the one it borrowed and sold short, and a realized gain or loss is recognized for the difference between the short sale proceeds and the cost of the identical security acquired. Liabilities reported on the balance sheets at June 30, 2019 and 2018 include \$21,581 and \$54,068, respectively, representing the fair value of identical securities that must be acquired to settle obligations to the lender. The liabilities would be classified as Level 1 in the fair value hierarchy given that they are measured based on quoted market prices. In addition, liabilities associated with investments include the fair value swaps of \$2,842 and \$6,060 entered into in fiscal 2019 and 2018, respectively.

(n) Other Long-Term Obligations

Other long-term obligations consisted of the following for the years ended June 30, 2019 and 2018:

	<u>2019</u>	<u>2018</u>
Federal student loan advances	\$ 20,378	19,875
Split interest obligations	16,432	17,019
Asset retirement obligations	16,107	15,263
Interest-rate swap liabilities	<u>45,259</u>	<u>31,757</u>
Total	<u>\$ 98,176</u>	<u>83,914</u>

(o) Use of Estimates

The preparation of financial statements requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the dates of the financial statements, and the reported amounts of revenues and expenses during the reporting periods. Actual results could differ from those estimates.

(p) Recent Accounting Pronouncements

In August 2016, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) 2016-14, *Presentation of Financial Statements of Not-for-Profit Entities*. The University retrospectively adopted ASU 2016-14 in fiscal year 2019. The standard is intended principally to improve the net asset classification requirements and the information presented in the financial statements and notes about liquidity and financial performance. The primary changes affecting the University include: presentation of two classes of net assets versus the previously required three; recognition of underwater endowment funds as a reduction in net assets with donor restrictions versus unrestricted net assets as previously required; enhanced disclosures for board designated amounts, composition of net assets without donor restrictions, and liquidity; and disclosure of expenses by both their natural and functional classification in a matrix format. As a result of adopting this standard, certain prior year amounts have been reclassified.

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Notes to Financial Statements

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(Dollars in thousands)

Net asset reclassifications as of July 1, 2017 driven by the adoption of ASU 2016-14 in 2018 are as follows:

<u>Net assets classifications</u>	<u>ASU 2016-14 Classifications</u>		
	<u>Without donor restrictions</u>	<u>With donor restrictions</u>	<u>Total net assets</u>
As previously presented:			
Unrestricted	\$ 964,088	—	964,088
Temporarily restricted	—	1,708,549	1,708,549
Permanently restricted	—	1,514,077	1,514,077
	<u>964,088</u>	<u>3,222,626</u>	<u>4,186,714</u>
Reclassifications to implement ASU 2016-14:			
Underwater endowments	<u>1,362</u>	<u>(1,362)</u>	<u>—</u>
Net assets, as reclassified	<u>\$ 965,450</u>	<u>3,221,264</u>	<u>4,186,714</u>

Net asset reclassifications as of July 1, 2018 driven by the adoption of ASU 2016-14 in 2018 are as follows:

<u>Net assets classifications</u>	<u>ASU 2016-14 Classifications</u>		
	<u>Without donor restrictions</u>	<u>With donor restrictions</u>	<u>Total net assets</u>
As previously presented:			
Unrestricted	\$ 1,077,926	—	1,077,926
Temporarily restricted	—	1,934,290	1,934,290
Permanently restricted	—	1,624,275	1,624,275
	<u>1,077,926</u>	<u>3,558,565</u>	<u>4,636,491</u>
Reclassifications to implement ASU 2016-14:			
Underwater endowments	<u>184</u>	<u>(184)</u>	<u>—</u>
Net assets, as reclassified	<u>\$ 1,078,110</u>	<u>3,558,381</u>	<u>4,636,491</u>

ASU 2014-09, *Revenue from Contracts with Customers*, was issued by the FASB in May 2014 and is intended to improve the financial reporting requirements for revenue from contracts with customers. The ASU establishes a five-step model and application guidance for determining the timing and amount of revenue recognition. The related application guidance in the ASU replaces most existing revenue recognition guidance in GAAP. The ASU became effective for the University for the year ended June 30, 2019. The University's adoption of the ASU did not materially change the timing or amount of revenue recognized by the University. However, the ASU requires that tuition, fees and auxiliary student revenues be presented in the statement of activities at the transaction price, i.e., net of any institutional student aid. Previously, such revenues were presented gross, i.e., at published rates,

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(Dollars in thousands)

followed by a reduction for institutional student aid. Accordingly, the University's 2018 statement of activities has been revised to conform to the 2019 presentation.

ASU 2018-08, *Clarifying the Scope and the Accounting Guidance for Contributions Received and Contributions Made*, was issued by the FASB in June 2018. The new ASU is intended to assist entities in (1) evaluating whether transactions should be accounted for as contributions (nonexchange transactions) within the scope of Topic 958, Not-for-Profit Entities, or as exchange transactions subject to other guidance and (2) determining whether a contribution is conditional. The ASU clarifies that a contribution is conditional if the agreement includes one or more barriers that must be overcome for the recipient to be entitled to the assets transferred and a right of return for the transferred assets or a right of release of the promisor's obligation to transfer assets. The ASU became effective for the University for the year ended June 30, 2019. The University's adoption of the ASU on a modified prospective basis did not have a material effect on its financial statements.

(q) Reclassifications

Certain 2018 financial information has been reclassified to conform to the 2019 presentation.

(2) Liquidity and Availability

Financial assets available for general expenditures within one year of June 30 are as follows:

	<u>2019</u>
Financial assets:	
Cash and cash equivalents	\$ 208,926
Accounts receivable, net	48,579
Pledge payments available for operations	13,159
Working capital investments	274,148
Fiscal 2020 endowment income appropriated	<u>159,985</u>
Total financial assets available within one year	704,797
Liquidity resources:	
Taxable commercial paper	125,000
Bank line of credit	<u>50,000</u>
Total financial assets and liquidity resources available within one year	<u>\$ 879,797</u>

BROWN UNIVERSITY

Notes to Financial Statements

June 30, 2019 and 2018

(Dollars in thousands)

The University manages its financial assets to be available as its operating expenditures, liabilities and others obligations come due. In addition, the University invests cash in excess of daily requirement in short-term investments or fixed income securities. To supplement working capital, the University has a line of credit and a commercial paper program. In July 2019, the line of credit agreement was renewed for \$50,000. In July 2019, the amount available through the University's taxable commercial paper programs was amended to \$125,000.

Additionally, the University has corporation-designated endowments of \$571,146 as of June 30, 2019. Although the University does not intend to spend from its corporation-designated endowment funds, other than amounts appropriated for general expenditure, as part of its annual budget approval and appropriation process, amounts from its corporation-designated endowment funds could be made available if necessary. However, both the corporation-designated funds and donor-restricted endowment funds contain investments with liquidity constraints, of which \$2,012,653 can be liquidated on a daily to quarterly basis (refer to note 4 for disclosures about investments).

(3) Contributions Receivable

The University's contributions receivable are recognized net of discounts at rates commensurate with the risks involved and after allowance for uncollectibles are reported at net realizable value, which approximates fair value. Contributions receivable were as follows at June 30:

	<u>2019</u>	<u>2018</u>
Contributions expected to be received in:		
Less than one year	\$ 64,882	50,066
Between one and five years	142,615	111,168
More than five years	<u>148,532</u>	<u>131,082</u>
Gross contributions receivable	356,029	292,316
Unamortized discount (at rates ranging from 0.7% to 4.8%) and allowance for uncollectibles	<u>(78,586)</u>	<u>(74,682)</u>
Contributions receivable, net	<u>\$ 277,443</u>	<u>217,634</u>

At June 30, 2019, the University had conditional promises to give of \$223,180. These conditional promises to give are not recognized as assets or revenue in the financial statements.

BROWN UNIVERSITY

Notes to Financial Statements

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(Dollars in thousands)

(4) Investments

Investment Strategy

In addition to traditional stocks and fixed-income securities, the University may also hold shares or units in institutional funds as well as in alternative investment funds involving hedged, private equity and real asset strategies. Hedged strategies involve funds whose managers have the authority to invest in various asset classes at their discretion, including the ability to invest long and short. Funds with hedged strategies generally hold securities or other financial instruments for which a ready market exists and may include stocks, bonds, put or call options, swaps, currency hedges and other instruments, and are valued accordingly. Private equity funds employ buyout and venture capital strategies and may focus on investments in turn-around situations. Real asset funds generally hold interests in public real estate investment trusts (REITs), commercial properties or commodities, or oil and gas, generally through commingled funds. Private equity and real asset strategies therefore often require the estimation of fair values by fund managers in the absence of readily determinable market values.

Investments also include assets related to donor annuities, pooled income funds, and charitable remainder trusts. Certain of these funds are held in trust by the University for one or more beneficiaries who are generally paid lifetime income, after which the principal is made available to the University in accordance with donor restrictions, if any. The assets are reported at fair value and related liabilities, which are reported as split-interest obligations, represent the present value of estimated future payments to beneficiaries.

Basis of Reporting

Investments are reported at estimated fair value. If an investment is held directly by the University and an active market where quoted prices exists, the market price of an identical security is used to report fair value. Fair values for shares in registered mutual funds are based on published share prices. The University's interests in alternative investment funds are generally reported at the net asset value (NAV) reported by the fund managers and assessed as reasonable by the University, which is used as a practical expedient to estimate the fair value of the University's interest therein, unless it is probable that all or a portion of the investment will be sold for an amount different from NAV. At June 30, 2019 and 2018, the University had no plans or intentions to sell investments at amounts different from NAV.

Because of the inherent uncertainties of valuation, these estimated fair values may differ significantly from values that would have been used had a ready market existed, and the differences could be material. Such valuations are determined by fund managers and generally consider variables such as operating results, comparable earnings multiples, projected cash flows, recent sales prices, and other pertinent information, and may reflect discounts for the illiquid nature of certain investments held.

BROWN UNIVERSITY

Notes to Financial Statements

June 30, 2019 and 2018

(Dollars in thousands)

The following tables summarize the University's investments by strategy type as of June 30, 2019 and 2018:

	Investments measured at NAV	2019 Investments classified in the fair value hierarchy			Total
		Level 1	Level 2	Level 3	
Investments:					
Equities:					
Domestic	\$ 120,151	140,655	28,936	106,176	395,918
Global	593,084	84,012	—	—	677,096
Fixed income:					
Domestic	154,091	10,428	33,838	17,571	215,928
Global	34,134	—	48,064	50	82,248
Hedged strategies:					
General arbitrage	478,939	61	—	732	479,732
Distressed	1,209	—	—	—	1,209
Global	924,336	171,035	—	—	1,095,371
Private equity:					
Buy-out	615,697	—	—	9,788	625,485
Venture	473,081	—	—	18,343	491,424
Real assets:					
Real estate	44,657	3,265	—	40,346	88,268
Commodities, oil and gas	—	28,154	16,058	23,980	68,192
Cash and cash equivalents	—	147,845	—	—	147,845
Total	\$ 3,439,379	585,455	126,896	216,986	4,368,716

BROWN UNIVERSITY

Notes to Financial Statements

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(Dollars in thousands)

2018					
Investments classified in the fair value hierarchy					
Investments measured at NAV	Level 1	Level 2	Level 3	Total	
Investments:					
Equities:					
Domestic	\$ 192,076	76,521	42,679	18,080	329,356
Global	732,526	97,509	—	—	830,035
Fixed income:					
Domestic	58,903	8,553	57,122	14,996	139,574
Global	—	—	28,748	52	28,800
Hedged strategies:					
General arbitrage	425,325	9,837	—	850	436,012
Distressed	2,159	—	—	—	2,159
Global	794,793	92,224	—	—	887,017
Private equity:					
Buy-out	497,620	—	—	8,216	505,836
Venture	379,125	—	—	12,958	392,083
Real assets:					
Real estate	25,755	710	—	26,001	52,466
Commodities, oil and gas	70	25,546	—	36,490	62,106
Cash and cash equivalents	—	355,670	—	—	355,670
Total	<u>\$ 3,108,352</u>	<u>666,570</u>	<u>128,549</u>	<u>117,643</u>	<u>4,021,114</u>

Registered mutual funds and directly held equity securities are classified in Level 1 of the fair value hierarchy. Investments classified in Level 2 and 3 consist of directly held investments that have valuations based on inputs other than quoted prices.

Certain funds contain “rolling” lock-up provisions. Under such provisions, tranches of the investment are available for redemption once every two to five years, if the University makes a redemption request prior to the next available withdrawal date in accordance with the notification terms of the agreement. Private equity and real assets are held in funds that have initial terms of ten to twelve years with extensions of one to three years, and have an average remaining life of approximately four to seven years.

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The following tables present activities for the years ended June 30, 2019 and 2018 for the University's investments classified in Level 3:

Level 3 roll forward	2019					Total
	Equities	Fixed income	Private equity	Real assets	Hedged strategies	
Fair value as of June 30, 2018	\$ 18,080	15,048	21,174	62,491	850	117,643
Acquisitions	38,618	5,350	1,828	16,541	—	62,337
Dispositions	(2,551)	(5,585)	—	(5,906)	—	(14,042)
Net realized and unrealized gains (losses)	52,029	2,808	5,129	(8,800)	(118)	51,048
Fair value at June 30, 2019	\$ 106,176	17,621	28,131	64,326	732	216,986

Level 3 roll forward	2018					Total
	Equities	Fixed income	Private equity	Real assets	Hedged strategies	
Fair value as of June 30, 2017	\$ 12,528	17,742	13,385	77,056	1,000	121,711
Acquisitions	—	8,400	3,822	—	—	12,222
Dispositions	(276)	(13,872)	—	(14,505)	—	(28,653)
Net realized and unrealized gains (losses)	5,828	2,778	3,967	(60)	(150)	12,363
Fair value at June 30, 2018	\$ 18,080	15,048	21,174	62,491	850	117,643

There were no transfers between Levels 1 and 2 and no transfers between Levels 2 and 3 in 2019 and 2018, respectively.

Total investment return is included in the statements of activities as follows for the years ended June 30:

	2019	2018
Operating:		
Endowment return appropriated	\$ 153,857	151,641
Included in other income	15,258	12,610
Nonoperating activities:		
Net investment return	449,179	435,706
Endowment return appropriated	(153,857)	(151,641)
Total return	\$ 464,437	448,316

Total investment management and advisory expenses, including internal costs, were \$13,131 and \$13,276 for the years ended June 30, 2019 and 2018, respectively, and have been netted against the total return.

BROWN UNIVERSITY
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(a) Liquidity

Investment liquidity as of June 30, 2019 and 2018 is aggregated below based on redemption or sale ability:

	2019						
	Daily	Monthly	Quarterly	Semi- annually to annually	Subject to rolling lock-ups	Illiquid	Total
Equities	\$ 326,063	95,784	319,849	103,789	27,302	200,227	1,073,014
Fixed income	92,330	—	63,803	—	9,743	132,300	298,176
Hedged strategies	102,061	134,373	683,068	178,328	465,266	13,216	1,576,312
Private equity	—	—	—	—	17,675	1,099,234	1,116,909
Real assets	47,477	—	—	—	—	108,983	156,460
Cash and cash equivalents	147,845	—	—	—	—	—	147,845
Total	<u>\$ 715,776</u>	<u>230,157</u>	<u>1,066,720</u>	<u>282,117</u>	<u>519,986</u>	<u>1,553,960</u>	<u>4,368,716</u>

	2018						
	Daily	Monthly	Quarterly	Semi- annually to annually	Subject to rolling lock-ups	Illiquid	Total
Equities	\$ 289,256	198,888	474,124	92,609	36,177	68,337	1,159,391
Fixed income	91,397	—	—	—	12,971	64,006	168,374
Hedged strategies	43,145	101,899	561,652	183,821	411,403	23,268	1,325,188
Private equity	—	—	—	—	—	897,919	897,919
Real assets	26,256	—	—	—	—	88,316	114,572
Cash and cash equivalents	355,670	—	—	—	—	—	355,670
Total	<u>\$ 805,724</u>	<u>300,787</u>	<u>1,035,776</u>	<u>276,430</u>	<u>460,551</u>	<u>1,141,846</u>	<u>4,021,114</u>

Investments with daily liquidity generally do not require advance notice prior to withdrawal. Investments with monthly, quarterly, semi-annual, and annual redemption frequency typically require notice periods, ranging from 5 to 180 days, at June 30, 2019 and 2018.

(b) Commitments

Private equity and real asset investments are generally made through limited partnerships. Under the terms of these agreements, the University is obligated to remit additional funding periodically as capital or liquidity calls are exercised by the manager. These partnerships have a limited existence, generally ten years, and such agreements may provide for annual extensions for the purpose of disposing portfolio positions and returning capital to investors. However, depending on market conditions, the inability to execute the fund's strategy, and other factors, a manager may extend the terms of a fund beyond its originally anticipated existence or may wind the fund down prematurely. As a result, the timing and amount of future capital or liquidity calls expected to be exercised in any particular future year is uncertain. The aggregate amount of unfunded commitments associated with private equity and real assets as of June 30, 2019 was \$625,164 and \$84,216, respectively.

BROWN UNIVERSITY
Notes to Financial Statements
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(c) Investment Derivatives

The University's investment-related derivative positions, categorized by primary underlying risk, are as follows as of June 30, 2019 and 2018:

	2019		Unrealized gain (loss)
	Long notional	Short notional	
Instrument type:			
Total return swaps	\$ 139,154	(146,528)	7,993
Futures and options	110,618	(14,828)	3,048
Foreign currency forwards	13,246	—	139
Total	<u>\$ 263,018</u>	<u>(161,356)</u>	<u>11,180</u>

	2018		Unrealized gain (loss)
	Long notional	Short notional	
Instrument type:			
Total return swaps	\$ 298,590	(45,195)	2,242
Futures and options	7,612	(39,772)	(3,547)
Total	<u>\$ 306,202</u>	<u>(84,967)</u>	<u>(1,305)</u>

Contracts in a net asset position are included in investments on the balance sheets, and contracts in a net liability position are included in liabilities associated with investments on the balance sheets and are as follows as of June 30, 2019 and 2018:

	2019	2018
Instrument type included in investments:		
Total return swaps	\$ 10,835	6,798
Foreign currency forwards	139	—
Futures and options	3,781	8,737
Instrument type included in liabilities associated with investments:		
Total return swaps	\$ 2,842	6,038
Futures and options	—	124

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Notes to Financial Statements

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(5) Endowment

The University's endowment consists of approximately 3,100 individual funds established for a variety of purposes, including both donor-restricted endowment funds and funds designated by the Corporation to function as endowments. Net assets associated with the endowment are classified and reported based upon the existence or absence of donor-imposed restrictions.

Endowment net assets consist of the following at June 30, 2019:

	<u>Without donor restrictions</u>	<u>With donor restrictions</u>	<u>Total</u>
Donor-restricted endowment funds:			
Historical gift value	\$ —	1,591,827	1,591,827
Appreciation	—	1,752,139	1,752,139
Corporation-designated endowment funds	<u>571,146</u>	<u>61,582</u>	<u>632,728</u>
Total endowment net assets	\$ <u><u>571,146</u></u>	<u><u>3,405,548</u></u>	<u><u>3,976,694</u></u>

Endowment net assets consist of the following at June 30, 2018:

	<u>Without donor restrictions</u>	<u>With donor restrictions</u>	<u>Total</u>
Donor-restricted endowment funds:			
Historical gift value	\$ —	1,496,235	1,496,235
Appreciation	—	1,521,737	1,521,737
Corporation-designated endowment funds	<u>526,150</u>	<u>59,726</u>	<u>585,876</u>
Total endowment net assets	\$ <u><u>526,150</u></u>	<u><u>3,077,698</u></u>	<u><u>3,603,848</u></u>

Changes in endowment net assets for the year ended June 30, 2019 are as follows:

	<u>Without donor restrictions</u>	<u>With donor restrictions</u>	<u>Total</u>
Endowment net assets, June 30, 2018	\$ 526,150	3,077,698	3,603,848
Investment return, net	68,784	359,355	428,139
Endowment return appropriated	(25,048)	(128,809)	(153,857)
Contributions	143	91,625	91,768
Reclassifications and other changes	<u>1,117</u>	<u>5,679</u>	<u>6,796</u>
Endowment net assets, June 30, 2019	\$ <u><u>571,146</u></u>	<u><u>3,405,548</u></u>	<u><u>3,976,694</u></u>

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Changes in endowment net assets for the year ended June 30, 2018 are as follows:

	<u>Without donor restrictions</u>	<u>With donor restrictions</u>	<u>Total</u>
Endowment net assets, June 30, 2017	\$ 483,590	2,761,941	3,245,531
Investment return, net	68,043	342,894	410,937
Endowment return appropriated	(25,283)	(126,358)	(151,641)
Contributions	200	98,303	98,503
Reclassifications and other changes	(400)	918	518
Endowment net assets, June 30, 2018	<u>\$ 526,150</u>	<u>3,077,698</u>	<u>3,603,848</u>

(a) Interpretation of Relevant Laws

In accordance with UPMIFA, the University considers the following factors in making a determination to appropriate or accumulate donor-restricted endowment funds:

- The duration and preservation of the fund
- The purposes of the University and the donor-restricted endowment fund
- General economic conditions
- The possible effect of inflation and deflation
- The expected total return from income and the appreciation of investments
- Other resources of the University
- The investment policies of the University

(b) Funds with Deficiencies

From time to time, the fair value of assets associated with an individual donor-restricted endowment fund may fall below the fund's historic dollar value. Deficiencies of this nature are reported in net assets with donor restrictions. As of June 30, 2018, funds with original gift value of \$8,088 were underwater by \$184. There were no donor-restricted endowment funds underwater at June 30, 2019.

(c) Return Objectives and Risk Parameters

The University has adopted investment and spending policies for endowment assets that attempt to provide a predictable stream of funding to programs supported by its endowment while seeking to maintain the purchasing power of the endowment assets, including both donor-restricted and designated funds. The long-term investment return objective is formulated to maintain purchasing power after accounting for both inflation and spending. The Corporation has set a long-term return goal at 5.5% above the higher education price index. Actual returns in any given year or period of years may vary from this amount.

BROWN UNIVERSITY

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June 30, 2019 and 2018

(Dollars in thousands)

(d) Strategies Employed for Achieving Objectives

To satisfy its long-term rate-of-return objectives, the University relies on a total return strategy in which investment returns are achieved through both capital appreciation (realized and unrealized) and current yield (interest and dividends). The University targets a diversified asset allocation to achieve its long-term return objectives within prudent risk constraints.

(e) Spending Policy and How the Investment Objectives Relate to Spending Policy

The University invests its endowment funds and allocates the related return for expenditure in accordance with the total return concept. The endowment utilization is determined in accordance with the policy adopted by the Corporation. This policy fixes the spending range between 4.5% and 5.5% of the average fair value of applicable endowments over the prior twelve quarters, with the objective being to hold the spending rate to no more than a 5% average over time. Applicable endowments include Corporation-designated and donor-restricted endowment funds.

(6) Land, Buildings and Equipment

Land, buildings and equipment include the following at June 30:

	<u>2019</u>	<u>2018</u>
Land	\$ 89,215	85,882
Buildings	745,592	729,944
Improvements	1,156,824	1,085,518
Equipment	226,821	215,517
Intangible assets	364	2,633
Construction in progress	<u>93,013</u>	<u>68,390</u>
	2,311,829	2,187,884
Accumulated depreciation	<u>(1,120,697)</u>	<u>(1,063,156)</u>
Land, buildings and equipment, net	<u>\$ 1,191,132</u>	<u>1,124,728</u>

Outstanding commitments on uncompleted construction contracts total \$44,462 at June 30, 2019.

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(7) Bonds, Loans and Notes Payable

The University has entered into various agreements primarily for the purpose of financing the acquisition, renovation, and improvement of its facilities. The bonds, loans and notes payable outstanding for these purposes are as follows:

Name of issue	Interest rate(s)	Type of rate	Final maturity	Balance at June 30	
				2019	2018
Rhode Island Health and Education Building Corporation (RIHEBC)					
Facilities Revenue Bonds:					
Series 2003B	1.90%	Variable	2044	\$ 40,165	40,680
Series 2005A	1.85%	Variable	2035	85,500	85,500
Series 2009	5.00%	Fixed	2040	70,795	70,795
Series 2011	2.50%–5.00%	Fixed	2033	41,390	46,160
Series 2012	5.00%	Fixed	2023	118,240	118,240
Series 2013	4.00%–5.00%	Fixed	2044	127,070	129,925
Series 2015	2.33%	Variable	2046	41,560	42,755
Series 2017A	4.00%–5.00%	Fixed	2048	141,125	141,125
Brown University Taxable Bonds:					
Series 2009	4.57%	Fixed	2020	—	45,000
Commercial bank term loans:					
Fiscal year 2016 issuance	2.37%	Variable	2019	—	47,800
Fiscal year 2019 issuance	2.65%	Variable	2022	75,000	—
Promissory note	noninterest bearing	N/A	2030	3,100	3,200
Total bonds, loans and notes payable before premium				743,945	771,180
Unamortized premium				43,764	48,481
Total bonds, loans and notes payable				\$ 787,709	819,661

(a) Tax Exempt Bonds

The University's tax-exempt debt, primarily Facilities Revenue Bonds, is issued through RIHEBC, a state agency serving as a conduit issuer of tax exempt debt. The University is required under certain of its financing agreements with RIHEBC to appropriate funds from operating and other net assets for payment of principal and interest and for maintenance of the related properties. The Revenue Bonds currently outstanding were issued primarily to finance new and ongoing capital projects, student housing, academic, research and administrative buildings, and infrastructure.

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(Dollars in thousands)

In July 2017, the University issued through RIHEBC tax-exempt bonds with a total par value of \$141,125 at interest rates range of 4.00% to 5.00%, maturing in 2048. The bonds were sold at a premium of \$19,532, resulting in effective yield of 3.25%. The proceeds were used to refinance \$84,460 of Series 2007 tax-exempt bonds, with remaining proceeds to be used for capital projects.

(b) Taxable Bonds and Other Debt

In July 2018, the University borrowed \$75,000 through a commercial bank term loan at a variable rate of one-month LIBOR plus 25 basis points, maturing in 2022. The proceeds were used to repay a maturing \$47,800 commercial bank loan, and the remaining proceeds were used to pay down \$27,200 of the Series 2009 Taxable Bond. University capital was used to retire the remaining 2009 Taxable Bond. The transaction resulted in a make whole redemption expense of \$1,005, which is included in other changes on the 2019 statement of activities.

The University has a \$50,000 Taxable Commercial Paper Program that allows for the issuance of Standard Commercial Paper Notes, Series A, and Extendible Commercial Paper Notes, Series B. These unsecured, taxable promissory notes can be issued in various amounts with maturities no greater than 270 days. At June 30, 2019 and 2018, there were no outstanding notes.

In July 2019, the Taxable Commercial Paper Program was amended to increase the maximum amount of taxable promissory notes to \$125,000 and to terminate the extendible feature of the notes.

Principal payments of bonds, notes and loans payable as of June 30, 2019 for each of the succeeding five fiscal years ending June 30 and thereafter are as follows:

Fiscal year:		
2020	\$	11,795
2021		9,775
2022		136,765
2023		70,100
2024		10,165
Thereafter		<u>505,345</u>
Total	\$	<u>743,945</u>

At June 30, 2019 and 2018, the University had a \$125,000 line of credit, which matured in July 2019 and July 2018, respectively. The line of credit was subsequently reduced to \$50,000 and renewed in July 2019. As of June 30, 2019, the full amount of \$125,000 was available at a rate of one month LIBOR plus 40 basis points.

The University has two stand-by bond purchase agreements with financial institutions totaling approximately \$126,000 in the event that the Series 2003B and Series 2005A bonds cannot be remarketed. The \$85,500 agreement matures November 2020 and the \$40,614 agreement matures January 2020. There were no amounts outstanding at June 30, 2019 and 2018, under these agreements, nor has either agreement ever been called upon.

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The University provided self-liquidity for its taxable commercial paper program at June 30, 2019 and 2018.

During fiscal 2011, the University entered into an agreement with third-party investors to effectively avail itself of certain Federal New Market Tax Credit (NMTC) incentives. By enabling these third parties to capture the NMTC benefits associated with the acquisition and construction of the University's new medical school facility, the University was able to reduce its all-in cost of the facility. Under the arrangement, the University loaned \$58,501 to Providence Richmond Street Investment Fund, LLC (LLC) capitalized by the investors. The LLC in turn provided capital to various community development entities, which then collectively issued \$72,249 of loans to KARING, a special-purpose, wholly owned 501(c) (3) not-for-profit entity consolidated by the University. KARING owns the facility and leased it back to the University during the seven-year period required for the NMTC structure to be effective. As part of the unwind of the NMTC transaction, the University bought the sole member interest in the LLC on October 31, 2017. The sole member interest included a \$72,249 note receivable from KARING. The transaction resulted in a gain of \$13,748, which is reflected in other changes on the statement of activities in fiscal 2018.

(c) Interest Rate Swaps

At June 30, 2019 and 2018, the University had two interest-rate swap agreements in place to effectively convert a portion of its variable-rate debt to fixed rates until maturity of the associated bonds. The notional amounts for the JPMorgan swap and the \$85,500 Goldman Sachs swap match the par amounts of the bonds and amortize at the same rate as the associated debt.

As of June 30, the following interest-rate swap agreements were outstanding:

Counterparty	Associated debt	Expiration date	June 30, 2019		Fair value of liability at June 30	
			remaining notional value	Swap fixed rate	2019	2018
JP Morgan	Series 2003B	9/1/2043	\$ 40,165	3.732 %	\$ (14,459)	(11,043)
Goldman Sachs	Series 2005A	5/1/2035	85,500	3.979	(28,459)	(19,008)
Goldman Sachs	None	9/1/2032	13,532	3.891	(2,341)	(1,706)
					\$ (45,259)	(31,757)

The variable rate on the two Goldman Sachs swaps is based on the USD-BMA Municipal Swap Index. The variable rate on the JPMorgan swap is based on 67% of one-month LIBOR-BBA. The Goldman Sachs swaps require posting of collateral by either party at thresholds based on their respective credit ratings. Cash collateral must be posted by the University if the aggregate mark-to-market liability payable by the University exceeds \$25,000. The JPMorgan swap stipulates that if the University meets a minimum credit rating there are no collateral posting requirements. At June 30, 2019, the collateral posting requirement was \$5,800; however, \$6,000 was on deposit as collateral to ensure continuing collateral coverage.

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Interest rate volatility, remaining outstanding notional value and time to maturity will affect each swap's fair value at subsequent reporting dates. To the extent the University holds a swap through its expiration date, the swap's fair value will reach zero. Because the swap fair values are based predominantly on observable inputs corroborated by market data, they are classified in Level 2 in the GAAP fair value hierarchy.

(8) Retirement Benefits

The University participates in two contributory retirement plans. The expense to the University, representing its contributions to the accounts of faculty and staff, was \$28,775 and \$26,288 for the years ended June 30, 2019 and 2018, respectively.

The University also has a non-qualified deferred compensation plan under IRC 457(b) that is offered to a select group of employees. Assets are held by a custodian on behalf of the University and are restricted for payments to participants and beneficiaries. At June 30, 2019, total assets held by the University were \$27,453 and included in investments on the balance sheet. A corresponding liability is included in retirement obligations.

The Brown University Food Services and Plant Operations Employees' Pension Plan is a qualified, noncontributory defined benefit plan which provides pensions for certain full-time weekly paid employees. The policy of the University is to fund pension costs in accordance with the Employee Retirement Income Security Act of 1974, as amended.

Information regarding the defined benefit pension plan for the years ended June 30 is as follows:

	<u>2019</u>	<u>2018</u>
Change in projected benefit obligation:		
Projected benefit obligation at beginning of year	\$ 99,758	100,398
Service cost	3,965	4,185
Interest cost	4,016	3,741
Benefits paid	(2,695)	(2,478)
Actuarial gain	<u>11,749</u>	<u>(6,088)</u>
Projected benefit obligation at end of year	<u>\$ 116,793</u>	<u>99,758</u>

The projected benefit obligation was determined using the following assumptions as of June 30:

	<u>2019</u>	<u>2018</u>
Discount rate	3.41 %	4.09 %
Rate of compensation increase	3.00	3.00

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The following is a summary of activity under the plan for the years ended June 30:

	<u>2019</u>	<u>2018</u>
Change in plan assets:		
Fair value of plan assets at beginning of year	\$ 79,929	74,036
Actual return on plan assets	2,894	5,871
Contributions	2,500	2,500
Benefits paid	<u>(2,695)</u>	<u>(2,478)</u>
Fair value of plan assets at end of year	82,628	79,929
Projected benefit obligation at end of year	<u>(116,793)</u>	<u>(99,758)</u>
Funded status included in retirement obligations	<u><u>(34,165)</u></u>	<u><u>(19,829)</u></u>
	<u>2019</u>	<u>2018</u>
Net periodic pension cost:		
Service cost	\$ 3,965	4,185
Interest cost	4,016	3,741
Expected return on assets	(5,192)	(4,819)
Amortization of unrecognized loss and prior service cost	<u>325</u>	<u>958</u>
Net periodic pension cost	<u><u>\$ 3,114</u></u>	<u><u>4,065</u></u>

Net periodic pension cost was determined using the following assumptions for the years ended June 30:

	<u>2019</u>	<u>2018</u>
Discount rate	4.09 %	3.79 %
Rate of compensation increase	3.00	3.00
Expected long-term rate of return	6.50	6.50

The expected rate of return on plan assets was derived based upon assumptions of inflation, real returns, anticipated value added by the investment manager and expected asset class allocations.

Net periodic pension cost is reflected in operating activities on the statements of activities. As of June 30, 2019 and 2018, items not yet recognized as components of net periodic pension cost are unrecognized prior service cost of \$948 and \$873, respectively, and a net unrecognized actuarial loss of \$26,209 and \$12,562, respectively. These changes affecting the funded status of the plan are included in other changes, net in nonoperating activities in the statements of activities.

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The plan assets at June 30, 2019 and 2018 consist of variable annuity investments with various equity and fixed income focuses, which are classified as Level 1 in the GAAP fair value hierarchy.

The investment strategy for the Plan takes into account several factors consistent with the characteristics of an employee pension plan. As such, the strategy recognizes a long-term time horizon where a substantial allocation to equities is appropriate and will help to maximize returns; broad diversification in order to increase return and reduce risk; and investment in institutional retirement annuities that serves to reduce administrative costs.

The actual asset allocation for the pension plan as of June 30, 2019 and 2018, and the weighted average asset targeted allocation are as follows:

	Target	Actual	
		2019	2018
Equity funds	75 %	77 %	77 %
Fixed income funds	25	23	23
Total	100 %	100 %	100 %

The University's estimated contribution for 2020 is \$2,500.

Estimated future benefit payments as of June 30, 2019 are as follows:

Fiscal year:		
2020	\$	3,542
2021		3,746
2022		4,008
2023		4,308
2024		4,606
2025–2029		28,088

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(9) Net Assets

The University's net assets as of June 30 are as follows:

	2019	2018
Without donor restrictions:		
Corporation-designated endowment funds	\$ 571,146	526,150
Investment in plant, net	311,364	264,271
University operations	243,391	287,689
Total without donor restrictions	1,125,901	1,078,110
With donor restrictions:		
Donor-restricted endowment funds:		
Scholarships and student support	1,140,230	1,029,072
Departmental and programatic support	694,021	637,981
Professorships	875,488	761,085
General use	268,566	249,930
Instruction and lecturships	233,643	222,492
Fellowships	193,600	177,138
	3,405,548	3,077,698
Contributions receivable	277,443	217,634
Donor restricted for programs	142,525	122,754
Split-interest net assets	54,092	52,007
Investment in plant, net	68,010	88,288
Total with donor restrictions	3,947,618	3,558,381
	\$ 5,073,519	4,636,491

(10) Functional Classification of Expenses

The statements of activities present expenses by natural classification. The University also summarizes its operating expenses by functional classification. Functional categories are reported after allocating, on a square footage basis, expenses for operation and maintenance of plant, interest on indebtedness, and depreciation.

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Operating expenses by nature and function are summarized as follows for the fiscal year ended June 30, 2019:

	2019					Total	2018
	Instruction and departmental research	Sponsored programs	Academic and student support	Auxiliary services	Institutional support		
Salaries and wages	\$ 179,382	52,270	80,093	30,919	59,975	402,639	376,515
Employee benefits	51,213	15,755	22,858	8,527	15,902	114,255	108,990
Graduate student support	7,629	14,999	59,121	—	—	81,749	75,640
Purchased services	28,881	33,667	10,862	11,139	14,605	99,154	107,452
Supplies and general	37,615	19,393	68,554	14,118	12,404	152,084	141,806
Utilities	8,650	2,468	6,947	12,102	5,498	35,665	31,153
Interest	7,692	2,366	4,989	8,006	1,385	24,438	27,491
Depreciation	26,268	8,078	17,036	27,338	4,222	82,942	78,176
	<u>\$ 347,330</u>	<u>148,996</u>	<u>270,460</u>	<u>112,149</u>	<u>113,991</u>	<u>992,926</u>	<u>947,223</u>

Operating expenses by nature and function are summarized as follows for the fiscal year ended June 30, 2018:

	2018					Total	2017
	Instruction and departmental research	Sponsored programs	Academic and student support	Auxiliary services	Institutional support		
Salaries and wages	\$ 167,846	49,713	74,540	30,647	53,769	376,515	357,895
Employee benefits	48,162	15,143	22,329	8,407	14,949	108,990	104,795
Graduate student support	6,485	13,969	55,186	—	—	75,640	68,385
Purchased services	36,783	31,366	14,003	13,142	12,158	107,452	89,835
Supplies and general	39,309	18,752	58,504	18,476	6,765	141,806	131,123
Utilities	7,691	2,203	6,463	10,633	4,163	31,153	26,733
Interest	7,961	2,449	5,163	8,286	3,632	27,491	29,291
Depreciation	24,758	7,615	16,057	25,767	3,979	78,176	73,843
	<u>\$ 338,995</u>	<u>141,210</u>	<u>252,245</u>	<u>115,358</u>	<u>99,415</u>	<u>947,223</u>	<u>881,900</u>

(11) Commitments and Contingencies

All funds expended in conjunction with government grants and contracts are subject to audit by governmental agencies. In the opinion of management, any potential liability resulting from these audits will not have a material effect on the University's financial position.

The University is a defendant in various legal actions arising in the normal course of its operations. Although the final outcome of such actions cannot currently be determined, the University believes that the ultimate unrecognized liability, if any, will not have a material effect on the University's financial position.

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(12) Related-Party Transactions

Members of the Corporation and senior management may, from time to time, be associated either directly or indirectly with companies doing business with the University. The University has a written conflict of interest policy that requires annual reporting by each Corporation member and University senior management. When such relationships exist, measures are taken to mitigate any actual or perceived conflict, including requiring that such transactions be conducted at arms' length, based on terms that are fair and reasonable to and in the best interest of the University.

Effective July 1, 2017, the University, along with The Neurology Foundation, Inc.; University Emergency Medicine Foundation; University Medicine Foundation; University Surgical Associates, Inc.; Brown Urology, Inc.; and Brown Dermatology, Inc. (collectively the Foundations), joined to create the nonprofit Brown Physicians, Inc. (BPI). BPI is an affiliated clinical practice that will enhance the partnership between the Foundations and the Warren Alpert Medical School. Under the formation and support agreement, the University is obligated to pay BPI \$25,000 over a 10-year period. In 2019, the University paid \$2,500 to BPI, with the remaining \$17,500 included in accounts payable and accrued liabilities at June 30, 2019. In addition, the University authorized a line of credit agreement with BPI, up to \$30,000. There was no amount outstanding under the line of credit at June 30, 2019.

(13) Supplemental Disclosure of Cash Flow Information

Following is information intended to supplement the statements of cash flows for the years ended June 30:

	<u>2019</u>	<u>2018</u>
Cash paid for interest, including recurring swap settlements, net of capitalized interest of \$2,981 and \$1,682	\$ 29,834	29,597
Noncash investing activities:		
(Decrease) increase in accounts payable for land, buildings and equipment	\$ (6,541)	12,441
Decrease in payables for purchases of investments	(35,705)	(97,826)

(14) Subsequent Events

In July 2019, the University issued through RIHEBC tax-exempt bonds with a total par value of \$54,560 at an interest rate of 5.0%, maturing in 2030. The bonds were sold at a premium of \$16,496, resulting in an effective yield of 1.73%. The proceeds were used to refinance \$70,795 of Series 2009 tax-exempt bonds.

The University considers events or transactions that occur after the balance sheet date, but before the financial statements are issued, to provide additional evidence relative to certain estimates or to identify matters that require additional disclosure. These financial statements were issued October 28, 2019, and subsequent events have been evaluated through that date.