## CONSOLIDATED FINANCIAL STATEMENTS AND SUPPLEMENTARY INFORMATION

Hartford HealthCare Corporation and Subsidiaries Years Ended September 30, 2016 and 2015 With Report of Independent Auditors

Ernst & Young LLP





# Consolidated Financial Statements and Supplementary Information

Years Ended September 30, 2016 and 2015

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## Report of Independent Auditors

The Board of Directors Hartford HealthCare Corporation

Building a better working world

> We have audited the accompanying consolidated financial statements of Hartford HealthCare Corporation and Subsidiaries (the Corporation), which comprise the consolidated balance sheets as of September 30, 2016 and 2015, and the related consolidated statements of operations and changes in net assets and cash flows for the years then ended, and the related notes to the consolidated financial statements.

### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in conformity 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 of material misstatement, whether due to fraud or error.

#### **Auditor's 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. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

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

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



### **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the consolidated financial position of Hartford HealthCare Corporation and Subsidiaries at September 30, 2016 and 2015, and the consolidated results of their operations and changes in net assets and their cash flows for the years then ended in conformity with U.S. generally accepted accounting principles.

### **Supplementary Information**

Our audits were conducted for the purpose of forming an opinion on the consolidated financial statements as a whole. The accompanying consolidating balance sheet and consolidating statement of operations are presented for purposes of additional analysis and are not a required part of the consolidated financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements. The information has been subjected to the auditing procedures applied in the audits of the consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States. In our opinion, the information is fairly stated, in all material respects, in relation to the consolidated financial statements as a whole.

December 23, 2016

Ernst & Young LLP

## Consolidated Balance Sheets

	September 30			· 30
		2016		2015
		(In Tho	usan	ids)
Assets				
Current assets:				
Cash and cash equivalents	\$	293,434	\$	376,098
Accounts receivable, less allowances for doubtful accounts of approximately				
\$48,392 in 2016 and \$59,648 in 2015		315,862		296,632
Other receivables		24,889		33,815
Inventories of supplies		32,633		30,961
Prepaid expenses and other current assets Current portion of assets whose use is limited		30,666 13,047		25,231 5,448
Total current assets		710,531		768,185
		710,551		700,103
Assets whose use is limited:		056 411		506.027
Investments and other assets		856,411		586,037
Investments for restricted purposes		290,038		296,717
Escrow funds for long-term debt		73,457		120,177
Funds designated for debt service		20,896		20,825
Investments held by HHCISL		205,072		223,799
		1,445,874		1,247,555
Funds held in trust by others		177,904		169,546
Investments		84,840		68,809
Other assets		93,226		98,877
Property, plant, and equipment, net	•	1,249,387	Ф	1,146,890
Total assets	\$	3,761,762	\$	3,499,862
Liabilities and net assets				
Current liabilities:				
Accounts payable	\$	92,215	\$	87,107
Salaries, wages, payroll taxes, and amounts withheld				
from employees		103,571		84,180
Accrued expenses		120,779		97,103
Estimated third-party payor settlements		50,436		66,491
Current portion of long-term debt and capital leases		52,582		44,207
Current portion of accrued pension liabilities		6,197		11,453
Current portion of self insurance liabilities and other liabilities		53,938		34,470
Total current liabilities		479,718		425,011
Long-term debt and capital leases, less current portion		841,601		836,308
Accrued pension liabilities, less current portion		690,103		499,491
Other liabilities, less current portion		51,653		57,044
Self insurance liabilities, less current portion		132,389		140,854
Total liabilities		2,195,464		1,958,708
Total habilities		2,175,101		1,750,700
Net assets:				
Unrestricted		1,087,549		1,094,448
Unrestricted attributable to noncontrolling interest		3,018		_
Temporarily restricted		193,564		174,109
Permanently restricted		282,167		272,597
Total net assets		1,566,298		1,541,154
Total liabilities and net assets	\$	3,761,762	\$	3,499,862
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## Consolidated Statements of Operations and Changes in Net Assets

	Year Ended September 30			
		2016		2015
		(In Tho	usa	nds)
Unrestricted revenues, gains and other support:				
Net patient service revenue	\$	2,388,492	\$	2,306,509
Provision for bad debts		37,690		50,054
Net patient service revenue less provision for bad debts		2,350,802		2,256,455
Other operating revenue		300,042		194,274
Net assets released from restrictions for operations		13,087		14,350
		2,663,931		2,465,079
Operating expenses:				
Salaries and wages		1,177,584		1,130,555
Employee benefits		277,448		286,294
Supplies and other		480,680		479,777
Purchased services		426,172		379,726
Depreciation and amortization		138,197		126,328
Provision for non-patient bad debts		616		5,997
Interest		27,681		25,328
		2,528,378		2,434,005
Income from operations		135,553		31,074
Nonoperating income (loss):				
Income (loss) from investments, net		90,367		(10,636)
Other		(8,774)		(3,799)
		81,593		(14,435)
Excess of revenues over expenses, before net income attributable				
to noncontrolling interest in joint ventures		217,146		16,639
Less: net income attributable to noncontrolling interest in joint				
ventures		(9,907)		
Excess of revenues over expenses	\$	207,239	\$	16,639

Continued on next page.

## Consolidated Statements of Operations and Changes in Net Assets (continued)

	Year Ended September 3			
	2	016		2015
		(In Thoi	ısaı	nds)
Unrestricted net assets:				
Excess of revenue over expenses	\$ 2	207,239	\$	16,639
Change in unrealized gains and losses on investments		2,687		(12,184)
Net income attributable to noncontrolling interest in joint ventures		9,907		_
Net unrestricted other changes in joint ventures		(9,435)		_
Net assets released from restrictions used for the purchase				
of equipment		2,482		4,633
Change in pension and postretirement funding obligations	(2	213,275)		(18,978)
Other		(3,486)		71
Decrease in unrestricted net assets		(3,881)		(9,819)
Temporarily restricted net assets:				
Restricted contributions		10,502		15,080
Restricted investment income		35		4,890
Realized gains on investments, net		1,411		12,826
Change in unrealized gains and losses on investments		20,811		(25,186)
Net assets released from restrictions for operations		(13,087)		(14,350)
Net assets released from restrictions used for the purchase				
of equipment		(2,482)		(4,633)
Other		2,265		671
Increase (decrease) in temporarily restricted net assets		19,455		(10,702)
Permanently restricted net assets:				
Restricted contributions		536		1,064
Restricted investment income (loss)		676		(161)
Other		_		1
Change in unrealized gains and losses on funds held in trust				
by others		8,358		(15,218)
Increase (decrease) in permanently restricted net assets		9,570		(14,314)
Increase (decrease) in net assets		25,144		(34,835)
Net assets at beginning of year	1,5	541,154		1,575,989
Net assets at end of year	\$ 1,5	566,298	\$	1,541,154

See accompanying notes.

## Consolidated Statements of Cash Flows

	Year Ended September 30			
		2016		2015
		(In Tho	usan	nds)
Operating activities				
Increase (decrease) in net assets	\$	25,144	\$	(34,835)
Adjustments to reconcile change in net assets to net cash				
provided by operating activities:				
Noncash items:				
Depreciation and amortization		138,197		125,330
Change in unrealized gains and losses on investments				
and assets whose use is limited		(97,611)		103,732
Change in unrealized gains and losses on funds				
held in trust by others		(8,358)		15,218
Provision for bad debts		37,690		50,042
Provision for non-patient bad debts		616		5,997
Change in net assets related to pension and				
postretirement funding obligations		213,275		18,978
Change in fair value of interest rate swap agreements		1,006		933
Other changes in net assets:				
Restricted contributions and investment income		(13,160)		(33,699)
Changes in assets and liabilities, net (Note 13)		(39,247)		(39,518)
Net cash provided by operating activities		257,552		212,178
Investing activities				
Purchases of property, plant, and equipment		(240,694)		(208,892)
Purchases and sales of investments, net		(171,058)		(140,891)
Decrease (increase) in escrow funds for capital projects		46,720		(111,866)
Net cash used in investing activities		(365,032)		(461,649)
Financing activities				
Proceeds from issuance of long-term debt		153,530		252,894
Payments on long-term debt and capital leases		(141,874)		(84,903)
Restricted contributions and investment income		13,160		33,699
Net cash provided by financing activities		24,816		201,690
Net decrease in cash and cash equivalents		(82,664)		(47,781)
Cash and cash equivalents at beginning of year		376,098		423,879
Cash and cash equivalents at end of year	\$	293,434	\$	376,098

See accompanying notes.

## Notes to Consolidated Financial Statements (In Thousands)

September 30, 2016

## 1. Organization and Significant Accounting Policies

The accounting policies that affect significant elements of the Hartford HealthCare Corporation and Subsidiaries' (the Corporation or HHC) consolidated financial statements are summarized below and in Note 2.

## Organization

The Corporation was incorporated on August 21, 1985, as a not-for-profit organization under the Non-Stock Corporation Act of the State of Connecticut. The Corporation is organized exclusively for public welfare, charitable, scientific, literary and educational purposes, including the furtherance of the welfare, programs and activities of its subsidiaries.

The Corporation is the sole member of Hartford Hospital (Hartford), Backus Corporation (Backus Corp), MidState Medical Center (MidState), Windham Community Memorial Hospital Inc. (Windham), Central Connecticut Health Alliance (CCHA), The Hospital of Central Connecticut (HOCC), H.H.M.O.B., Hartford HealthCare at Home, Inc. (formerly VNA Health Care, Inc.) (VNA), Natchaug Hospital (Natchaug), HHC PhysiciansCare Inc., referred to as Hartford HealthCare Medical Group (HHCMG), Hartford HealthCare Senior Services (HHCSS) (formerly Central Connecticut Senior Health Services, Inc.), Rushford Center, Inc., Clinical Laboratory Partners, LLC (CLP), PracticeCentral, LLC, Integrated Care Partners, LLC (ICP), Hartford HealthCare Endowment LLC (Endowment LLC), and Hartford HealthCare Indemnity Services Ltd. (HHCISL).

Effective October 1, 2013, Grand Indemnity Company, Ltd. (GIC), a wholly-owned subsidiary of HOCC merged with HHCISL to consolidate captives for the Corporation. HHCISL was incorporated under the laws of Bermuda as a class 2 insurer, on August 30, 1990. HHCISL provides professional liability and employee benefits liability, in addition to general liability insurance and reinsurance to several Corporation subsidiaries. Refer to Note 9.

Endowment LLC manages the endowment investments for the Corporation. Endowment LLC was formed for the purpose of maintaining and managing, on a pooled basis, the endowment investments of the Corporation. Endowment LLC holds the endowment investments for Hartford, Backus, MidState, VNA, Windham, HOCC, and HHCSS. Endowment LLC acts as manager and is named fiduciary for the Corporation within established investment guidelines.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 1. Organization and Significant Accounting Policies (continued)

Hartford is a voluntary tax-exempt association incorporated under the General Statutes of the State of Connecticut. The subsidiaries of Hartford include Jefferson House, Cedar Mountain Commons and the Institute of Living. Jefferson House is a nursing home facility that is operated as a department of Hartford as mandated by legislation enacted in 1873. Cedar Mountain Commons is a senior living community that opened in February 2001 and is owned by Hartford and Jefferson House. The Institute of Living is a mental health center in Hartford, Connecticut and is whollyowned by Hartford.

HOCC is a voluntary, tax-exempt association incorporated under the General Statutes of the State of Connecticut. The subsidiaries of HOCC include CenConn Services, Inc. (CSI).

Backus Corp is a voluntary, tax-exempt system of heath care affiliates that provides services throughout the eastern region of Connecticut including The William W. Backus Hospital (Backus), Backus Health Care, Inc., WWB Corporation, Omni Home Health Services of Eastern Connecticut LLC d/b/a Backus Home Health Services, and Backus Physician Services, LLC.

MidState is a voluntary tax-exempt organization incorporated under the General Statutes of the State of Connecticut.

Windham is a voluntary tax-exempt association incorporated under the General Statutes of the State of Connecticut. The subsidiaries of Windham include The Hatch Hospital Corporation and Windham Hospital Foundation, Inc. The Hatch Hospital Corporation and Windham Hospital Foundation, Inc. are both nonprofit organizations incorporated under the General Statutes of the State of Connecticut.

HHCMG is a tax-exempt organization incorporated under the General Statutes of the State of Connecticut pursuant to Chapter 549b. HHCMG's primary purpose is to practice medicine and provide healthcare services to the public as a medical foundation.

HHCSS is a tax-exempt organization incorporated under the General Statutes of the State of Connecticut. The subsidiaries of HHCSS include Mulberry Gardens of Southington LLC (Mulberry Gardens) and the Orchards of Southington (the Orchards). HHCSS provides skilled nursing care and restorative rehabilitation health care services to residents within its geographic location. Mulberry Gardens and the Orchards provide residential services including housing, meals and assistance with activities of daily living for seniors.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 1. Organization and Significant Accounting Policies (continued)

VNA is a tax-exempt organization, founded in 1901, which was incorporated on March 1, 1986, as the parent company and sole member of VNA Health Resources, Inc. VNA provides corporate management, financial and other services to its subsidiary. Effective August 28, 2014, VNA executed an asset transfer agreement with Omni Home Health Services of Eastern Connecticut, LLC, d/b/a Backus Home Health Care, a joint venture of two wholly-owned subsidiaries of the Corporation.

H.H.M.O.B. was incorporated under the laws of the State of Connecticut for the purpose of operating a medical office building. The subsidiaries of H.H.M.O.B. include Hartford HealthCare Rehabilitation Network (formerly Eastern Rehabilitation Network).

Natchaug is a tax-exempt organization incorporated under the General Statutes of the State of Connecticut. Natchaug provides inpatient and outpatient psychiatric healthcare services.

Rushford Center, Inc. is a tax-exempt organization that includes Rushford Foundation, Inc. (the Foundation). The Foundation is a nonprofit agency in which Rushford Center, Inc. is a 100% owner

CLP was created in 1998 through a merger of three Connecticut based laboratories. CLP's outreach laboratory business was sold on February 29, 2016. Pursuant to the sale, the remaining business is being conducted under the name Hartford HealthCare Laboratories, Inc. Refer to the Sale of CLP Outreach Laboratory Services subsection below for additional detail.

PracticeCentral, LLC became operational in fiscal year 2012 and facilitates the adoption of electronic health systems by physician practices throughout the state of Connecticut for effective data sharing and clinical integration.

Effective February 1, 2013, ICP was formed to create the necessary infrastructure for the integrated healthcare delivery system operated by the Corporation. The Corporation is the sole member of ICP. ICP became operational on January 1, 2014.

The entities comprising the Corporation provide various inter-entity services to their affiliated entities and the Corporation parent company. The services consist of certain financial planning, information systems and telecommunications, general accounting, and other services. Charges for such services are based on the approximate cost to provide the services and are allocated between

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 1. Organization and Significant Accounting Policies (continued)

the entities based on an agreed-upon method which reflects the approximate level of usage by each entity. Such inter-entity charges and all intercompany balances between the entities comprising the Corporation eliminate in consolidation.

## Sale of CLP Outreach Laboratory Services

On February 29, 2016, pursuant to an asset purchase agreement dated November 9, 2015, the Corporation sold the outreach laboratory service business of CLP for a purchase price of \$136,998, less certain escrow amounts and purchase price adjustments, payable in cash. During the year ended September 30, 2016, the Corporation received net proceeds relating to the sale of \$131,998 and recorded a gain on sale of \$119,538 in other operating revenue within the accompanying consolidated statements of operations and changes in net assets. As of September 30, 2016, pursuant to an escrow agreement, \$5,000 of the purchase price remains in escrow until August 2017.

### **Regulatory Matters**

The Corporation is required to file annual operating information with the State of Connecticut Office of Health Care Access

Significant Accounting Policies

#### **Use of Estimates**

The preparation of financial statements in conformity with U.S. generally accepted accounting principles (GAAP) 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 consolidated financial statements. Estimates also affect the amounts of revenues and expenses reported during the period. There is at least a reasonable possibility that certain estimates will change by material amounts in the near term. Actual results could differ from those estimates. Significant estimates reflected in the consolidated financial statements include the contractual allowances and allowance for doubtful accounts for patient service revenue and the related patient accounts receivable, estimated revenue settlements due to or from third-parties, reserves for malpractice, workers' compensation and other self-insured liabilities, and benefit plan assumptions.

## Notes to Consolidated Financial Statements (continued) (In Thousands)

### 1. Organization and Significant Accounting Policies (continued)

### **Excess of Revenues Over Expenses**

The consolidated statements of operations and changes in net assets include the excess of revenues over expenses as the performance indicator. Changes in unrestricted net assets which are excluded from the excess of revenues over expenses include the changes in pension and postretirement funding obligations, net assets released from restrictions for the purchase of equipment, change in unrealized gains and losses on other than trading investments, net income attributable to noncontrolling interest in joint ventures, net unrestricted other changes in joint ventures and transfers to temporarily restricted net assets.

### **Nonoperating Income (Loss)**

Nonoperating income (loss) includes income on investments, which includes interest and dividend income, realized gains and change in unrealized gains and losses on trading investments, and changes in the fair value of swap agreements.

#### **Fair Value of Financial Instruments**

The carrying value of financial instruments classified as current assets and current liabilities approximates fair value. The fair values of the Corporation's financial instruments are disclosed in Note 5

### **Cash and Cash Equivalents**

Cash and cash equivalents include cash, commercial paper, and corporate and government bonds that are available to be converted to liquid assets within three months. Cash and cash equivalents are maintained with domestic financial institutions with deposits that exceed federally insured limits. It is the Corporation's policy to monitor the financial strength of those institutions.

#### **Patient Accounts Receivable**

Patient accounts receivable result from the health care services provided by the Corporation. Additions to the allowance for doubtful accounts result from the provision for bad debts. Accounts written off as uncollectible are deducted from the allowance for doubtful accounts.

Notes to Consolidated Financial Statements (continued)
(In Thousands)

### 1. Organization and Significant Accounting Policies (continued)

The amount of the allowance for doubtful accounts is based upon management's assessment of historical and expected net collections, business and economic conditions, trends in Medicare and Medicaid health care coverage, and other collection indicators. See Note 2 for additional information relative to third-party payor programs.

The Corporation's primary concentration of credit risk is patient accounts receivable, which consist of amounts owed by various governmental agencies, insurance companies, and private patients. The Corporation manages the receivables by regularly reviewing its patient accounts and contracts, and by providing appropriate allowances for uncollectible amounts. Significant concentrations of patient accounts receivable include 32% and 36%, and 14% and 15%, for Medicare and Medicaid, respectively, for the fiscal years ended September 30, 2016 and 2015, respectively.

#### **Investments**

The majority of the Corporation's investment portfolio is classified as trading with unrealized gains and losses included in the excess of revenues over expenses. HHCISL investments are classified as available for sale with the change in unrealized gains and losses excluded from the performance indicator.

Investments held by the Corporation in equity securities with readily determinable fair values and all investments in debt securities are measured at fair value using quoted market prices or modeldriven valuations at the consolidated balance sheet dates. Alternative investments (nontraditional, not-readily-marketable assets), some of which are structured such that the Corporation holds limited partnership interests, are reported based upon net asset value as a practical expedient and derived from the application of the equity method of accounting. Individual investment holdings within the alternative investments may, in turn, include investments in both nonmarketable and market-traded securities. Valuations of these investments and, therefore, the Corporation's holdings may be determined by the investment manager or general partner and for "fund of funds" investments are primarily based on financial data supplied by the underlying investee funds. Values may be based on historical cost, appraisals, or other estimates that require varying degrees of judgment. The Corporation accounts for these investments using the equity method of accounting and reports its share of the increase or decrease in the fund's value as investment gain or loss within nonoperating income (loss) on the consolidated statement of operations and changes in net assets. The financial statements of the investees are audited annually by independent auditors, although the timing for reporting the results of such audits does not coincide with the Corporation's annual consolidated financial statement reporting.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

## 1. Organization and Significant Accounting Policies (continued)

Alternative investments held by the defined benefit pension plans are stated at fair value as estimated in an unquoted market using net asset value as a practical expedient, as permitted under generally accepted accounting principles. Valuations of those investments, and therefore the Corporation's holdings, may be determined by the investment manager and are primarily based on the underlying securities. Assets temporarily and permanently restricted (by donor) are recorded at fair value at the date of donation, which is then considered cost. Investment income, other than income on certain unrestricted investments (including realized gains and losses on investments, interest and dividends, and the change in unrealized gains and losses) is included in nonoperating income (loss) unless the income or loss is restricted by the donor or law. The cost of securities sold is based on the specific identification method.

The Corporation holds nonmarketable equity investments in private companies. At September 30, 2016 and 2015, the carrying value of the Corporation's portfolio of strategic investments totaled \$5,241 and \$8,473, respectively, of which \$77 are accounted for at cost and \$5,164 and \$8,396 are accounted for using the equity method of accounting at September 30, 2016 and 2015, respectively. These investments are included in other assets on the consolidated balance sheets. The Corporation's share of the income or losses of all equity-method investees is included in nonoperating income (loss).

### **Inventories of Supplies**

Inventories are stated at the lower of cost or market. The Corporation values its inventories using the first-in, first-out method.

#### Goodwill

Goodwill represents the excess of cost of an acquired entity over the net of the amounts assigned to the fair value of assets acquired and liabilities assumed. As of September 30, 2016 and 2015, goodwill of approximately \$25,800 is recorded in the Corporation's consolidated balance sheets within other assets. Goodwill is reviewed annually for impairment or more frequently if events or circumstances indicate that the carrying value of an asset may not be recoverable.

The impairment test for goodwill requires a comparison of fair value of each reporting unit that has goodwill associated with its operations with its carrying amount. The Corporation adopted the provisions of Accounting Standards Update (ASU) 2011-08, *Testing Goodwill for Impairment*,

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 1. Organization and Significant Accounting Policies (continued)

which allows the Corporation to first assess qualitative factors to determine whether it is necessary to perform the two-step quantitative impairment test for goodwill. No impairment was recorded for goodwill for the fiscal years ended September 30, 2016 and 2015.

## **Property, Plant, and Equipment**

Property, plant, and equipment are stated on the basis of cost. The Corporation provides for depreciation of property, plant and equipment and assets under capital leases using the straight-line method in amounts sufficient to depreciate the cost of the assets over their estimated useful lives, which range from 3 to 40 years.

#### **Assets Whose Use is Limited**

Assets whose use is limited includes assets that are set aside internally by management or by the Board of Directors for future capital improvements, research and education; donor-restricted assets; investments held by HHCISL; escrow funds; and debt service funds for existing obligations on outstanding long-term debt. Amounts that are restricted by the Board of Directors are not available for use without the approval of the Board of Directors. Restricted investment income in excess of a predetermined spending limit has also been set aside as long-term investments.

Investments for restricted purposes on the accompanying consolidated balance sheets are those restricted based on donors' intents.

### **Temporarily and Permanently Restricted Net Assets**

Temporarily restricted net assets are those assets whose use by the Corporation has been limited by donors to a specific time frame or purpose. Permanently restricted net assets have been restricted by donors and are maintained by the Corporation in perpetuity. The Corporation is a partial beneficiary to various perpetual trust agreements. Assets recorded under these agreements are recognized at fair value. The investment income generated from these funds is expendable to support healthcare services, and the assets are classified as permanently restricted.

Contributions, including unconditional promises to give, are recognized as revenue in the period received. Conditional promises to give are not recognized until the conditions on which they depend are substantially met. Unrestricted contributions are recorded, net of expenses, within other operating revenue.

Notes to Consolidated Financial Statements (continued)
(In Thousands)

### 1. Organization and Significant Accounting Policies (continued)

#### **Donor-Restricted Gifts**

Unconditional promises to give cash and other assets are reported at fair value at the date the promise is received. The gifts are reported as either temporarily or permanently restricted support if they are received with donor stipulations that limit the use of the donated assets. When a donor restriction expires, that is, when a stipulated time restriction ends or purpose restriction is accomplished, temporarily restricted net assets are reclassified as unrestricted net assets and reported in the consolidated statements of operations and changes in net assets as net assets released from restrictions. Donor-restricted contributions whose restrictions are met within the same year as received are reported as unrestricted contributions in the accompanying consolidated financial statements, except those relating to donations of long-lived assets.

#### **Bond Issuance Costs**

Bond issuance costs associated with long-term debt for capital projects are amortized over the term of the debt using a method that approximates the effective interest method. Bond issuance costs of approximately \$9,530 and \$10,296 are recorded in other assets in the consolidated balance sheets as of September 30, 2016 and 2015, respectively.

### **Interest Rate Swap Agreements**

The Corporation utilizes interest rate swap agreements to reduce risks associated with changes in interest rates. The Corporation does not hold or issue derivative financial instruments for trading purposes. The Corporation may be exposed to credit loss in the event of nonperformance by the counterparties to its interest rate swap agreements. Interest rate swap agreements are reported at fair value. Changes in fair value are recognized in the performance indicator in the consolidated statements of operations and changes in net assets.

#### **Other Operating Revenue**

Other operating revenue includes the gain on sale of CLP outreach laboratory business, services to other institutions, electronic health record (EHR) incentive program revenue, tuition revenue, rental income, grant revenue, investment income, cafeteria income, joint ventures income, retail pharmacy income, and unrestricted contributions. Also included in other operating revenue is investment income of \$7,972 and \$6,975 for fiscal years ended September 30, 2016 and 2015, respectively, on certain internally designated funds to support mission related operating activities. Refer to Note 11.

## Notes to Consolidated Financial Statements (continued) (In Thousands)

### 1. Organization and Significant Accounting Policies (continued)

### **Unpaid Losses and Loss Adjustment Expenses**

The reserve for losses and loss adjustment expenses and related reinsurance recoverable for HHCISL includes case basis estimates of reported losses, plus supplemental amounts calculated based upon loss projections utilizing actuarial studies, each entities' own historical data and industry data. In establishing this reserve and the related reinsurance recoverable, HHCISL utilizes the findings of an independent consulting actuary.

Management believes that its aggregate reserve for losses and loss adjustment expenses and related reinsurance recoverable represents its best estimate, based on the available data, of the amount necessary to cover the ultimate cost of losses and the amount of such losses that will be recovered under reinsurance programs; however, because of the nature of the insured risks and limited historical experience, actual loss experience may not conform to the assumptions used in determining the estimated amounts for such asset and liability at the consolidated balance sheet dates. Accordingly, the ultimate asset and liability could be significantly in excess of or less than the amount indicated in these consolidated financial statements. As adjustments to these estimates become necessary, such adjustments are reflected in current operations.

#### Reinsurance

In the normal course of business, HHCISL seeks to reduce their loss exposure by reinsuring certain levels of risk with reinsurers. Premiums ceded are expensed over the term of their related policies.

#### **Joint Ventures**

The Corporation has entered into several joint ventures for the purpose of providing outpatient health care services, including NRRON, Greater Hartford Lithotripsy, Davita of Norwich, Davita of New London, MedConn Collection Agency, New Britain MRI and Connecticut Imaging Partners. These joint ventures, in which the Corporation has an equity interest of more than 20% but less than 50%, are accounted for under the equity method of accounting.

The Corporation has consolidated noncontrolling interests relating to its investments in Glastonbury Surgery Center, Southington Surgery Center, Meriden Imaging Center and Connecticut GI for which the Corporation owns greater than 50% but less than 100% of the

# Notes to Consolidated Financial Statements (continued) (In Thousands)

## 1. Organization and Significant Accounting Policies (continued)

investees. These noncontrolling interests represent the portion of these joint ventures not controlled by the Corporation, but are required to be presented on the Corporation's consolidated balance sheets under GAAP. The noncontrolling interests were approximately \$3,018 as of September 30, 2016.

#### **Income Taxes**

The Corporation and substantially all of its subsidiaries are not-for-profit corporations as described in Section 501(c)(3) of the Internal Revenue Code (the Code) and are exempt from federal income taxes on related income pursuant to Section 501(a) of the Code, except for Hartford HealthCare Laboratories LLC., Conncare, Inc., CSI, and H.H.M.O.B. and its subsidiaries, which are taxable entities for which income taxes are immaterial. Additionally, Endowment LLC is a limited liability corporation and is treated as a partnership for income tax purposes. The Corporation has net operating loss carry forwards from unrelated business activities of approximately \$40,176 and \$37,988 at September 30, 2016 and 2015, respectively, which will begin expiring in 2018. These losses generate a potential deferred tax asset of approximately \$15,222 and \$14,382 at September 30, 2016 and 2015, respectively. No deferred tax asset has been recorded in the accompanying consolidated balance sheets as these amounts are offset by valuation allowances of the same amounts due to the uncertainty of utilizing the deferred tax asset in future periods.

HHCISL is an insurance company organized under the laws of Bermuda. HHCISL has received an undertaking from the Bermuda government exempting it from all local income, withholding and capital gains taxes until the year 2035.

### **New Accounting Pronouncements**

In May 2014, the Financial Accounting Standards Board (FASB) issued ASU 2014-09, *Revenue from Contracts with Customers*. The core principle of ASU 2014-09 is that an entity should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. The guidance in ASU 2014-09 supersedes the FASB's current revenue recognition requirements and most industry-specific guidance. The provisions of ASU 2014-09, as amended by ASU 2015-04, will be effective for fiscal years beginning after December 15, 2017, and interim periods within that fiscal year, with early adoption permitted but not prior to annual periods beginning after December 15, 2016. The Corporation is in the process of evaluating the impact of ASU 2014-09 on its consolidated financial statements.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 1. Organization and Significant Accounting Policies (continued)

In August 2014, the FASB issued ASU 2014-15, *Presentations of Financial Statements – Going Concern*, that will require management of public and nonpublic companies to evaluate and disclose where there is substantial doubt about an entity's ability to continue as a going concern. The standard is effective for annual periods ending after December 15, 2016, and for annual periods thereafter. Early application is permitted. The Corporation is in the process of evaluating the requirements of ASU 2014-15.

In April 2015, the FASB issued ASU 2015-03, *Interest – Imputation of Interest (Subtopic 835-30) – Simplifying the Presentation of Debt Issuance Costs.* ASU 2015-03 simplifies the presentation of debt issuance costs by requiring debt issuance costs to be presented as a deduction from the corresponding debt liability. This will make the presentation of debt issuance costs consistent with the presentation of debt discounts or premiums. ASU 2015-03 is effective for fiscal years beginning after December 15, 2015 and will be applied retrospectively. The Corporation's adoption of ASU 2015-03 will result in the reclassification of bond issuance costs to long-term debt in the accompanying consolidated financial statements.

In May 2015, the FASB issued ASU 2015-07, Fair Value Measurements (Topic 820): Disclosures for Investments in Certain Entities That Calculate Net Asset Value per Share (or Its Equivalent). ASU 2015-07 eliminates the requirement to categorize within the fair value hierarchy investments whose fair value is measured at net asset value (NAV) as a practical expedient. Instead, entities are required to disclose the fair value of investments measured using NAV so that users can reconcile the amounts within the fair value hierarchy to amounts reported on the balance sheet. ASU 2015-07 is effective for fiscal years beginning after December 15, 2016, and interim periods within that fiscal year, and will be applied retrospectively. The Corporation's adoption of ASU 2015-07 will have no effect on the consolidated financial statements other than disclosures in the notes to the consolidated financial statements.

In May 2015, the FASB issued ASU 2015-05, Customer's Accounting for Fees Paid in a Cloud Computing Arrangement, which provides guidance to customers about whether a cloud computing arrangement includes a software license. If such an arrangement contains a software license, the software license element of that arrangement should be accounted for consistent with the acquisition of other software licenses. If such an arrangement does not include a software license, the arrangement should be accounted for as a service contract. The provisions of ASU 2015-05 are effective for the Corporation for annual periods beginning after December 15, 2015 and can be adopted prospectively or retrospectively. Early adoption is permitted. The Corporation is in the process of evaluating the impact of ASU 2015-05 on its consolidated financial statements.

Notes to Consolidated Financial Statements (continued)
(In Thousands)

### 1. Organization and Significant Accounting Policies (continued)

In January 2016, the FASB issued ASU 2016-01, *Recognition and Measurement of Financial Assets and Financial Liabilities*, which will require business-oriented health care not-for-profit entities to measure equity investments that do not result in consolidation and are not accounted for under the equity method at fair value and recognize any changes in fair value in the performance indicator unless the investments qualify for a new practicability exception. Unrealized holding gains and losses on equity securities currently classified as other-than-trading will no longer be reported separately from the performance indicator. The provisions of ASU 2016-01 are effective for the Corporation for annual periods beginning after December 15, 2018, and for interim periods within annual periods beginning a year later. Early adoption of the key provisions is permitted for annual periods beginning after December 15, 2017, and interim periods therein. Adoption of ASU 2016-01 would result in the reclassification of approximately \$2.9 million of the change in unrealized gains and losses on investments from other changes in unrestricted net assets to within the performance indicator in the accompanying consolidated statement of operations and changes in net assets.

In February 2016, the FASB issued ASU 2016-02, *Leases*, which will require a lessee to report most leases on their balance sheet, but recognize expenses on their income statement in a manner similar to current accounting. The guidance also eliminates current real estate-specific provisions. For lessors, the guidance modifies the classification criteria and the accounting for sales-type and direct financing leases. The provisions of ASU 2016-02 are effective for the Corporation for annual periods beginning after December 15, 2018, and interim periods within those years. Early adoption is permitted. The Corporation is in the process of evaluating the impact of ASU 2016-02 on its consolidated financial statements.

In August 2016, the FASB issued ASU 2016-14, *Not-for-Profit Financial Statement Presentation*, which eliminates the requirement for not-for-profits (NFPs) to classify net assets as unrestricted, temporarily restricted and permanently restricted. Instead, NFPs will be required to classify net assets as net assets with donor restrictions or without donor restrictions. Entities that use the direct method of presenting operating cash flows will no longer be required to provide a reconciliation of the change in net assets to operating cash flows. The guidance also modifies required disclosures and reporting related to net assets, investment expenses and qualitative information regarding liquidity. NFPs will also be required to report all expenses by both functional and natural classification in one location. The provisions of ASU 2016-14 are effective for the Corporation for annual periods beginning after December 15, 2017, and interim periods thereafter. Early adoption is permitted. The Corporation is in the process of evaluating the impact of ASU 2016-14 on its consolidated financial statements.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 1. Organization and Significant Accounting Policies (continued)

#### Reclassifications

Certain reclassifications have been made to the fiscal year ended September 30, 2015 balances previously reported in the consolidated statement of operations and changes in net assets in order to conform with the fiscal year ended September 30, 2016 presentation. The reclassifications have no impact to the excess of revenues over expenses for the fiscal year ended September 30, 2015.

## 2. Net Patient Service Revenue and Charity Care

Revenues from the Medicare and Medicaid programs, respectively, accounted for approximately 34% and 13%, and 36% and 12% of the Corporation's net patient service revenue for the fiscal years ended September 30, 2016 and 2015, respectively. Laws and regulations governing the Medicare and Medicaid programs are complex and subject to interpretation. As a result, there is at least a reasonable possibility that recorded estimates will change by material amounts in the near term.

The Corporation believes that it is in compliance with all applicable laws and regulations, and is not aware of any pending or threatened investigations involving allegations of potential wrongdoing. Compliance with such laws and regulations can be subject to future government review and interpretation as well as significant regulatory action, including fines, penalties, and exclusion from the Medicare and Medicaid programs. Changes in the Medicare and Medicaid programs and the reduction of funding levels could have an adverse impact on the Corporation.

The following table summarizes revenue from services to patients:

	)	ear Ended	Sep	tember 30
		2016		2015
Gross patient service revenue	\$	6,009,180	\$	5,681,239
Deductions:				
Contractual allowances and discounts		3,570,361		3,325,220
Charity care		50,327		49,510
Net patient service revenue		2,388,492		2,306,509
Provision for bad debts		37,690		50,054
Net patient service revenue less provision for bad debts	\$	2,350,802	\$	2,256,455

Notes to Consolidated Financial Statements (continued)
(In Thousands)

## 2. Net Patient Service Revenue and Charity Care (continued)

The Corporation has agreements with third-party payors that provide for payments to the Corporation at amounts different from its established rates. The difference is accounted for as contractual allowances. Payment arrangements include prospectively determined rates per discharge, reimbursed costs, fee-for-service, discounted charges, and per diem payments. Net patient service revenue is affected by the State of Connecticut Disproportionate Share program and is reported at the estimated net realizable amounts due from patients, third-party payors, and others for services rendered and include estimated retroactive revenue adjustments due to on-going and future audits, reviews, and investigations. Retroactive adjustments are considered in the recognition of revenue on an estimated basis in the period the related services are rendered, and such amounts are adjusted in future periods as adjustments become known or as years are no longer subject to such audits, reviews and investigations. During 2016 and 2015, the Corporation recorded net changes in estimates of approximately \$20,909 and \$(9,559), respectively, which primarily related to changes in previously estimated third-party payor settlements.

The Corporation has established estimates based on information presently available of amounts due to or from Medicare, Medicaid, and third-party payors for adjustments to current and prior year payment rates, based on industry-wide and Corporation-specific data. Such amounts are included in the accompanying consolidated balance sheets. Additionally, certain payors' payment rates for various years have been appealed by the Corporation. If the appeals are successful, additional income applicable to those years might be realized.

The Corporation has agreements with various health maintenance organizations (HMOs) to provide medical services to subscribing participants. Under those agreements, the HMOs make fee-for-service payments to the Corporation for certain covered services based upon discounted fee schedules. In addition, the Corporation receives monthly capitation payments from certain HMOs based on the number of each HMO's participants, regardless of services actually performed by the Corporation.

The Corporation accepts all patients regardless of their ability to pay. A patient is classified as a charity patient by reference to the established policies of the Corporation. Essentially, these policies define charity services as those services for which no payment is anticipated. In assessing a patient's inability to pay, the Corporation utilizes the generally recognized poverty income levels for the State of Connecticut but also includes certain cases where incurred charges are significant when compared to incomes.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 2. Net Patient Service Revenue and Charity Care (continued)

The Corporation's policy is to reserve a portion of all self-pay receivables, including amounts due from the uninsured and amounts related to co-payments and deductibles, as these charges are recorded. The Corporation's allowance for doubtful accounts for self-pay patients increased to 56% of self-pay accounts receivable at September 30, 2016 from 50% of self-pay accounts receivable at September 30, 2015. On a monthly basis, the Corporation reviews its accounts receivable balances, the effectiveness of the Corporation's reserve policies, and various analytics to support the basis for its estimates. These efforts primarily consist of reviewing the following:

- Revenue and volume trends by payor, particularly the self-pay components.
- Changes in the aging and payor mix of accounts receivable, including increased focus on
  accounts due from the uninsured and accounts that represent co-payments and deductibles
  due from patients.
- Various allowance coverage statistics.

The Corporation regularly performs hindsight procedures to evaluate historical write-off and collection experience throughout the year to help determine the reasonableness of its process for estimating the allowance for doubtful accounts.

The Corporation provides services without charge or at amounts less than its established rates to patients who meet the criteria of its charity care policy. Because the Corporation does not pursue collection of amounts determined to qualify as charity care, such services are not reported as revenue. For patients who were determined by the Corporation to have the ability to pay but did not, the uncollected amounts are recorded as part of the provision for bad debts. In distinguishing charity care from the provision for bad debts, a number of factors are considered, certain of which require a high degree of judgment.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 2. Net Patient Service Revenue and Charity Care (continued)

Patient service revenue, net of contractual allowances and discounts and before the provision for bad debts, recognized in the period from major payor sources for the fiscal years ended September 30, is as follows:

	2016	2015
Medicare	34%	36%
Medicaid	13	12
Self-pay	3	5
All other	50	47
	100%	100%

There are various proposals at the Federal and State levels that could, among other things, significantly reduce payment rates or modify payment methods. The ultimate outcome of these proposals and other market changes, including the potential effects of health care reform that has been or may be enacted by the Federal and State governments, cannot presently be determined. Future changes in the Medicare and Medicaid programs and any reduction of funding could have an adverse impact on the Corporation.

The estimated cost of charity care provided was approximately \$19,534 and \$20,451 for the fiscal years ended September 30, 2016 and 2015, respectively. The estimated cost of charity care is based on the ratio of cost to charges, as determined by hospital-specific data.

#### 3. Net Assets

Temporarily restricted net assets at September 30 are available for the following purposes:

	2016	2015
Healthcare services:		
Free beds	\$ 42,841	\$ 39,517
Research	43,306	40,251
Education	16,250	15,591
Capital replacement	26,021	23,360
Other health care services	65,146	55,390
	\$ 193,564	\$ 174,109

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 3. Net Assets (continued)

Permanently restricted net assets at September 30 are restricted for:

Investments to be held in perpetuity, the income from
which is expendable to support health care services
Endowment requiring income to be added to original gift
to support health care services
Restricted funds held in trust by others, the income from
which is expendable to support health care services

 2016	2015
\$ 80,831	\$ 80,268
23,432	22,783
177,904	169,546
\$ 282,167	\$ 272,597

The Corporation's endowment consists of hundreds of individual funds established for a variety of purposes. Those funds include both donor-restricted endowment funds and funds designated by the Board of Directors to function as endowments. Net assets associated with endowment funds, including funds designated by the Board of Directors to function as endowments, are classified and reported based on the existence or absence of donor-imposed restrictions.

The Board of Directors of the Corporation has interpreted the Uniform Prudent Management of Institutional Funds Act (UPMIFA) as requiring the preservation of the fair value of the original gift as of the gift date of the donor-restricted endowment funds absent explicit donor stipulations to the contrary. As a result of this interpretation, the Corporation classifies as permanently net restricted assets (a) the original value of gifts donated to the permanent endowment, (b) the original value of subsequent gifts to the permanent endowment, and (c) accumulations to the permanent endowment made in accordance with the direction of the applicable donor gift instrument at the time the accumulation is added to the fund. The remaining portion of the donor-restricted endowment fund that is not classified in permanently restricted net assets is classified as temporarily restricted net assets until those amounts are appropriated for expenditure by the

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 3. Net Assets (continued)

organization in a manner consistent with the standard of prudence prescribed by UPMIFA. In accordance with UPMIFA, the Corporation considers the following factors in making a determination to appropriate or accumulate donor-restricted funds:

- 1) The duration and preservation of the fund
- 2) The purposes of the Corporation and the donor-restricted endowment fund
- 3) General economic conditions
- 4) The possible effect of inflation and deflation
- 5) The expected total return from income and the appreciation of investments
- 6) Other resources of the Corporation
- 7) The investment policies of the Corporation

The Corporation 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 purchasing power of the endowment assets. Endowment assets include those assets of donor-restricted funds that the Corporation must hold in perpetuity or for a donor-specific period(s). Under this policy, as approved by the Board of Directors, the endowment assets are invested in a manner that is intended to produce a real return, net of inflation and investment management costs, of at least 4% over the long term. Actual returns in any given year may vary from this amount.

To satisfy its long-term rate-of-return objectives, the Corporation 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 Corporation targets a diversified asset allocation that places a greater emphasis on equity-based alternative investments to achieve its long-term objective within prudent risk constraints.

The Corporation has a policy of appropriating for distribution each year 4% of the four quarter average market value of each fiscal year in which the distribution is planned. This is consistent with the Corporation's objective to maintain the purchasing power of the endowment assets held in perpetuity or for a specified term as well as to provide additional real growth through new gifts and investment returns. Backus, HOCC, MidState, Windham, VNA and Rushford evaluated endowment spending based on need and current market conditions as well as long-term investment goals.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

## 3. Net Assets (continued)

Endowment fund composition (excluding funds held in trust by others) by type of fund as of September 30, 2016 consisted of the following:

	Un	restricted	emporarily Restricted	ermanently Restricted	Total
Donor-restricted endowment funds Board-designated endowment funds	\$	- 184,047	\$ 96,018	\$ 104,263	\$ 200,281 184,047
-	\$	184,047	\$ 96,018	\$ 104,263	\$ 384,328

Changes in endowment funds for the fiscal year ended September 30, 2016, consisted of the following:

			T	<b>emporarily</b>	Pe	rmanently	
	Un	restricted		Restricted	F	Restricted	Total
Endowment funds, beginning							
of the year	\$	164,946	\$	84,918	\$	103,051 \$	352,915
Investment return:							
Investment income (loss)		1,402		487		(380)	1,509
Net appreciation (realized and							
unrealized)		13,487		14,311		1,056	28,854
Total investment return		14,889		14,798		676	30,363
Contributions		_		1,071		536	1,607
Transfers into endowment funds		10,000		_		_	10,000
Appropriation of endowment							
assets for expenditure		(5,788)		(4,769)		_	(10,557)
Endowment funds, end of year	\$	184,047	\$	96,018	\$	104,263 \$	384,328

Endowment fund composition (excluding funds held in trust by others) by type of fund as of September 30, 2015 consisted of the following:

	Ur	restricted	emporarily Restricted	Permanently Restricted	Total
Donor-restricted endowment funds Board-designated endowment funds	\$	- 164,946	\$ 84,918	\$ 103,051	\$ 187,969 164,946
-	\$	164,946	\$ 84,918	\$ 103,051	\$ 352,915

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 3. Net Assets (continued)

Changes in endowment funds for the fiscal year ended September 30, 2015, consisted of the following:

			7	<b>Temporarily</b>	P	Permanently	
	Un	restricted		Restricted		Restricted	Total
Endowment funds, beginning							_
of the year	\$	147,054	\$	93,448	\$	102,148 \$	342,650
Investment return:							
Investment income		2,182		262		98	2,542
Net depreciation (realized and							
unrealized)		(5,660)		(3,674)		(259)	(9,593)
Total investment return		(3,478)		(3,412)		(161)	(7,051)
Contributions		_		_		1,064	1,064
Transfers into endowment funds		22,370		332		_	22,702
Appropriation of endowment							
assets for expenditure		(1,000)		(5,450)		_	(6,450)
Endowment funds, end of year	\$	164,946	\$	84,918	\$	103,051 \$	352,915

From time to time, the fair value of assets associated with individual donor-restricted endowment funds may fall below the level that the donor, as stipulated by UPMIFA, requires the Corporation to retain as a fund of perpetual duration. These deficiencies periodically result from unfavorable market fluctuations that occurred shortly after the investment of new permanently restricted contributions, in which case the Board of Directors may deem imprudent the continuation of appropriation for a limited period. There were no material deficiencies of this nature reported in unrestricted net assets as of September 30, 2016 and 2015.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 4. Investments and Assets Whose Use is Limited

Included in investments and assets whose use is limited are the following amounts:

	Septer	nbe	er 30
	 2016		2015
Cash and cash equivalents	\$ 16,951	\$	15,150
Money market funds	107,503		153,066
Equity securities:			
U.S.	250,177		241,739
International	231,568		149,914
Fixed income securities:			
U.S.	57,319		136,287
International	3,460		11,350
Mutual funds:			
U.S.	13,821		34,152
International	55,264		40,125
Common collective funds:			
U.S.	96,091		70,158
Alternative investments	705,942		463,732
Other notes and accounts receivable	_		23
Pledges receivable, net	 5,665		6,116
	\$ 1,543,761	\$	1,321,812

During the fiscal year ended September 30, 2016, Backus transferred approximately \$217,546 of funds to Endowment LLC for an interest in the investments held by Endowment LLC.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

## 4. Investments and Assets Whose Use is Limited (continued)

The composition and presentation of income (loss) from investments, net, which are included in nonoperating income (loss) in the consolidated statements of operations and changes in net assets are as follows:

	Ye	ar Ended	Sep	tember 30
		2016		2015
Interest and dividend income	\$	6,448	\$	11,654
Realized gains on investments, net		8,805		39,119
Change in unrealized gains and losses on investments		74,113		(66,362)
Other		1,001		4,953
	\$	90,367	\$	(10,636)

Investments held by HHCISL have been classified as available for sale and are recorded at fair value and are adjusted for any other than temporary declines in fair value. The cost, gross unrealized gains and losses and fair value of the investments held by HHCISL as of September 30, 2016 and 2015 are as follows:

	A	Cost/ Amortized Cost		Gross Unrealized Gain		Gross nrealized Loss	Fair Value
September 30, 2016							
US government securities	\$	17,563	\$	465	\$	(47) \$	17,981
US agency securities		6,476		24		(255)	6,245
Mortgage backed securities		1,427		6		(73)	1,360
Corporate debt securities		28,431		398		(293)	28,536
Bond funds		96,168		125		(310)	95,983
Equity funds		54,702		265		_	54,967
Total	\$	204,767	\$	1,283	\$	(978) \$	205,072

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 4. Investments and Assets Whose Use is Limited (continued)

	Cost/ Amortized Cost		Į	Gross Inrealized Gain	U	Gross nrealized Loss	Fair Value
September 30, 2015							_
US government securities	\$	34,646	\$	353	\$	(442) \$	34,557
US agency securities		7,257		18		(215)	7,060
Mortgage backed securities		2,234		3		(83)	2,154
Corporate debt securities		32,311		200		(206)	32,305
Bond funds		79,510		397		(37)	79,870
Equity funds		70,526		1,286		(3,959)	67,853
Total	\$	226,484	\$	2,257	\$	(4,942) \$	223,799

Management evaluates investments for other than temporary impairment at least annually and more frequently when economic or market concerns warrant such evaluation. Consideration is given to the length of time and the extent to which the fair value is less than cost, the financial condition of the issuer, and the intent and ability of the Corporation to retain the investment for a period of time sufficient to allow for any anticipated recovery in fair value. The Corporation has determined that the unrealized losses are deemed to be temporary impairments as of September 30, 2016 and 2015.

Contractual maturities of fixed income securities as of September 30, 2016 are as follows:

	Aı	mortized Cost	Fair Value
Due within one year	\$	4,871	\$ 4,878
Due after one year through five years		37,582	38,154
Due after five years through ten years		3,011	2,846
Due after more than ten years		8,433	8,244
	\$	53,897	\$ 54,122

# Notes to Consolidated Financial Statements (continued) (In Thousands)

#### 5. Fair Values of Financial Instruments

As defined in Accounting Standards Codification (ASC) 820, Fair Value Measurement, fair value is based on the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. In order to increase consistency and comparability in fair value measurements, ASC 820 establishes a fair value hierarchy that prioritizes observable and unobservable inputs used to measure fair value into three broad levels, which are described below:

Level 1: Quoted prices (unadjusted) in active markets that are accessible at the measurement date for identical assets or liabilities. The fair value hierarchy gives the highest priority to Level 1 inputs.

Level 2: Observable inputs are based on inputs not quoted in active markets, but corroborated by market data.

Level 3: Unobservable inputs are used when little or no market data is available. The fair value hierarchy gives the lowest priority to Level 3 inputs.

A financial instrument's categorization within the valuation hierarchy is based upon the lowest level of input that is significant to the fair value measurement. In determining fair value, the Corporation uses valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs to the extent possible and considers nonperformance risk in its assessment of fair value.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

## 5. Fair Values of Financial Instruments (continued)

Financial assets and liabilities carried at fair value in the accompanying consolidated balance sheets, excluding assets invested in the Corporation's pension plans, are classified in the following tables below in one of the three categories described above:

_	September 30, 2016						
_		Level 1		Level 2		Level 3	Total
Assets							
Cash and cash equivalents	\$	293,434	\$	_	\$	- \$	293,434
Investments and assets whose use is limited:							
Cash and cash equivalents		15,263		1,688		_	16,951
Money market funds		102,518		4,985		_	107,503
Equity securities:							
U.S.		250,177		_		_	250,177
International		231,568		_		_	231,568
Fixed income securities:							
U.S.		_		57,319		_	57,319
International		_		3,460		_	3,460
Mutual funds:							
U.S.		1,520		12,301		_	13,821
International		55,248		16		_	55,264
Common collective funds:							
U.S.		_		96,091		_	96,091
Alternative investments (HHCISL):							
U.S.		_		192		120,461	120,653
Other assets:						•	ŕ
Mutual funds:							
U.S.		14,694		531		_	15,225
International		1,270		_		_	1,270
Funds held in trust by others		_		177,904		_	177,904
	\$	965,692	\$	354,487	\$	120,461 \$	1,440,640
Other liabilities	Φ		Φ	4.013	Φ	•	4.012
Interest rate swaps	\$		\$	4,813	\$	- \$	4,813

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 5. Fair Values of Financial Instruments (continued)

	September 30, 2015						
		Level 1		Level 2		Level 3	Total
Assets							
Cash and cash equivalents	\$	376,098	\$	_	\$	- \$	376,098
Investments and assets whose use is limited:							
Cash and cash equivalents		13,651		1,499		_	15,150
Money market funds		148,094		4,972		_	153,066
Equity securities:							
Ū.Š.		241,739		_		_	241,739
International		149,914		_		_	149,914
Fixed income securities:							
U.S.		_		136,287		_	136,287
International		_		11,350		_	11,350
Mutual funds:							
U.S.		8,347		25,805		_	34,152
International		40,112		13		_	40,125
Common collective funds:							
U.S.		_		70,158		_	70,158
International		_		_		_	_
Alternative investments (HHCISL):							
U.S.		_		11		109,611	109,622
International		_		196		_	196
Other assets:							
Mutual funds:							
U.S.		13,465		543		_	14,008
International		1,249		_		_	1,249
Funds held in trust by others		_		169,546		_	169,546
	\$	992,669	\$	420,380	\$	109,611 \$	1,522,660
Other liabilities							
Interest rate swaps	\$	_	\$	8,155	\$	- \$	8,155

The amounts reported in the preceding tables do not include alternative investments totaling approximately \$585,289 and \$353,915 as of September 30, 2016 and 2015, respectively, that are accounted for under the equity method of accounting. The Corporation has unfunded commitments to alternative investments of approximately \$223,481 as of September 30, 2016.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 5. Fair Values of Financial Instruments (continued)

The Corporation established a Pension Plan Master Trust (the Trust) effective May 1, 2011. Each respective plan owns participant units in the Trust. The Trust's assets consist of cash and cash equivalents, equity securities, fixed income bonds, mutual funds, common collective funds and alternative investments. The Trust also invests in derivative instruments, the purpose of which is to economically hedge the change in the funded status of the participating plans for a significant portion of the total pension liability that can occur due to changes in interest rates. The Trust follows a three-level hierarchy, which are measured at fair value on a recurring basis and were categorized as Level 1, Level 2, and Level 3 investments, respectively.

Financial assets for the defined benefit plans classified within the Trust as of September 30, 2016 are classified in the table below in one of the three categories described above:

	<b>September 30, 2016</b>							
		Level 1		Level 2	Level 3		Total	
Cash and cash equivalents	\$	72,736	\$	_	<b>\$</b> -	\$	72,736	
Equity securities:		,						
U.S.		299,374		_	_		299,374	
International		232,909		_	_		232,909	
Fixed income bonds:		,					ŕ	
U.S.		7,465		93,817	_		101,282	
International		_		12,309	_		12,309	
Mutual funds:								
U.S.		17,844		_	_		17,844	
International		69,629		_	_		69,629	
Common collective funds:								
U.S.		_		520,136	_		520,136	
International		_		26,021	_		26,021	
Alternative investments and other:								
U.S.		_		_	89,649		89,649	
International		_		_	17,014		17,014	
Total	\$	699,957	\$	652,283	\$ 106,663	\$	1,458,903	

# Notes to Consolidated Financial Statements (continued) (In Thousands)

#### 5. Fair Values of Financial Instruments (continued)

	<b>September 30, 2015</b>							
		Level 1		Level 2		Level 3		Total
Cash and cash equivalents	\$	18,711	\$	_	\$	_	\$	18,711
Equity securities:	Ψ	10,711	Ψ		4		Ψ	10,711
U.S.		345,101		_		_		345,101
International		224,333		_		_		224,333
Fixed income bonds:		,						,
U.S.		7,453		119,589		_		127,042
International		_		20,525		_		20,525
Mutual funds:								
U.S.		107,135		_		_		107,135
International		1,179		_		_		1,179
Common collective funds:								
U.S.		_		506,126		_		506,126
Alternative investments and other		_		_		69,845		69,845
Total	\$	703,912	\$	646,240	\$	69,845	\$	1,419,997

Fair value for Level 1 assets is based upon quoted market prices. Fair value for Level 2 assets is based upon model-based valuation techniques for which all significant assumptions are observable in the market or can be corroborated by observable market data for substantially the full term of the assets. Inputs are obtained from various sources, including market participants, dealers, and brokers. The funds held in trust by others that is categorized in Level 2 consist of shares or units in investment funds, as opposed to direct interests in the funds' underlying holdings, which may be marketable. The interest rate swap agreements are valued based on a determination of market expectations relating to the future cash flows associated with the swap contract using sophisticated modeling based on observable market-based inputs, such as interest rate curves.

Assets that are valued using significant unobservable inputs, such as extrapolated data, proprietary models or indicative quotes that cannot be corroborated with market data are classified in Level 3 within the fair value hierarchy. Level 3 assets are valued based on the Corporation's ownership interest in the NAV of the fund. The NAV reported by each fund is used as a practical expedient to estimate the fair value of the Corporation's interest therein. The Corporation routinely monitors and assesses methodologies and assumptions used in valuing these interests. The Level 3 assets include certain liquidity restrictions that may require 90 days advance notice for redemptions.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

#### 5. Fair Values of Financial Instruments (continued)

The changes in the fair value of assets measured using significant unobservable inputs (Level 3) were comprised of the following for the year ended September 30:

	 2016	2015
Beginning balance at October 1	\$ 179,456 \$	240,097
Net appreciation (realized and unrealized)	3,150	11,271
Sales	(42,920)	(196,863)
Purchases	87,438	124,951
Ending balance at September 30	\$ 227,124 \$	179,456

The methods described above may produce a fair value that may not be indicative of net realizable value or reflect future fair values. Furthermore, while the Corporation believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different estimate of fair value at the reporting date.

#### 6. Property, Plant, and Equipment

Property, plant, and equipment consist of the following at September 30:

	 2016	2015
Land and land improvement	\$ 76,490	\$ 77,862
Buildings and fixed equipment	1,472,863	1,479,469
Equipment	1,226,905	1,057,402
	 2,776,258	2,614,733
Less accumulated depreciation	(1,776,336)	(1,651,933)
	 999,922	962,800
Construction in process (estimated cost to		
complete – \$136,701)	249,465	184,090
	\$ 1,249,387	\$ 1,146,890

Included in property, plant, and equipment, net is \$172,798 and \$116,942 of internally developed software costs for the fiscal years ended September 30, 2016 and 2015, respectively. The Corporation capitalized interest expense of \$6,027 and \$6,269 for the fiscal years ended September 30, 2016 and 2015, respectively.

Notes to Consolidated Financial Statements (continued)
(In Thousands)

#### 7. Pensions and Other Postretirement Benefits

The Corporation has cash balance retirement plans and defined benefit pension plans (both contributory and noncontributory), covering substantially all employees and noncontributory, supplemental defined-benefit retirement plans for certain executive employees (collectively, the Plans). As noted in Note 5, the Trust was established in 2011 for certain plans. Contributions to the Plans are based on actuarially determined amounts sufficient to meet the benefits to be paid to the Plan participants. The assets of the Plans are available to pay the benefits of eligible employees for participating entities based on their allocated share of assets. The service cost component of net periodic pension cost and all other components are actuarially determined as defined by each plan.

The benefits are based on years of service and the employees' compensation as defined by each of the Plans. The Corporation makes contributions in amounts sufficient to fund the Plans' current service cost, and the funding policy is to contribute amounts to these plans sufficient to meet the minimum funding requirements set forth by federal government regulations. The majority of the cash balance retirement plans and defined benefit pension plans are frozen to new members. The Corporation's Board of Directors adopted a resolution in December 2014 to freeze the remaining defined benefit plans which had not been previously frozen, and move all employees to a single defined contribution plan effective January 1, 2016. On the effective date, substantially all employees will be eligible to participate in the defined contribution plan. As a result of the approved resolution, the plan liabilities were remeasured as of December 31, 2014. All outstanding prior service costs related to these plans were recognized as a curtailment gain or loss as of the date of remeasurement. The amount was included in employee benefits expense within the consolidated statement of operations and changes in net assets for the year ended September 30, 2015.

The Corporation also has defined contribution plans covering substantially all of its employees and executives. Expense for employer contributions was approximately \$67,788 and \$33,676 for 2016 and 2015, respectively.

The Corporation provides health care and life insurance benefits to its retired employees who meet certain eligibility requirements. The Corporation's policy is to fund the cost of postretirement benefits, other than pensions, as incurred. During 2015, the Corporation announced changes to these benefits effective January 1, 2018. No new retirees will be eligible for these benefits and current retirees will be offered a fixed amount to use on private health exchanges. As a result, the postretirement benefit plan was remeasured as of December 31, 2014, upon adoption

## Notes to Consolidated Financial Statements (continued) (In Thousands)

### 7. Pensions and Other Postretirement Benefits (continued)

of the changes to the plan by the Board of Directors, which decreased the accrued pension liabilities within the consolidated balance sheets by approximately \$47,507 and decreased employee benefits expense within the consolidated statement of operations and changes in net assets by approximately \$22,516 for the year ended September 30, 2015.

Effective September 30, 2016, the Corporation changed the method used to estimate the service and interest components of net periodic benefit cost for the Plans. This new estimation approach discounts the individual expected cash flows underlying the service cost and interest cost using the applicable spot rates derived from the yield curve used to discount the cash flows used to measure the benefit obligation. Historically, the Corporation estimated these service and interest cost components utilizing a single weighted-average discount rate derived from the yield curve used to measure the benefit obligation at the beginning of the period. The change will have no impact on the determination of the benefit obligation.

The Corporation has made this change to provide a more precise measurement of service and interest costs by improving the correlation between projected benefit cash flows to the corresponding spot yield curve rates. The Corporation has accounted for this change as a change in accounting estimate that is inseparable from a change in accounting principle and accordingly has accounted for it prospectively. The more granular application of the spot rates will reduce the service and interest cost for the Plans. Based on current economic conditions, the estimated service cost and interest cost for all the Plans will be reduced by approximately 22.5% or \$17,000 in fiscal year 2017. This change will result in short-term cost savings for the Corporation as the amortization of the actuarial gain (loss) is expected to increase over time. The expected break-even point of the service and interest cost savings is estimated to be 2040.

Included in unrestricted net assets at September 30 are the following amounts that have not yet been recognized in net periodic benefit cost:

	 2010	2015
Unrecognized actuarial loss Unrecognized prior service credit	\$ 743,586 \$ (20,300)	548,012 (38,001)
	\$ 723,286 \$	510,011

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 7. Pensions and Other Postretirement Benefits (continued)

The actuarial loss and prior service credit included in unrestricted net assets at September 30, 2016, and expected to be recognized in net periodic benefit cost during the fiscal year ending September 30, 2017, are as follows:

Unrecognized actuarial loss	\$ 25,027
Unrecognized prior service credit	(2,614)
	\$ 22,413

The following table sets forth the Plans' funded status and amounts recognized in the consolidated balance sheets:

		<b>Pension Benefits</b>		Other Postretiren	nent Benefits
		2016	2015	2016	2015
Change in benefit obligation					
Benefit obligation at beginning of year	\$	(1,868,624) \$	(1,912,276) \$	(35,819) \$	(87,604)
Service cost		(15,390)	(39,151)	(99)	(476)
Interest cost		(79,319)	(77,962)	(1,235)	(1,984)
Employee contributions		_	_	(1,290)	(3,490)
Benefits paid		95,141	92,440	3,833	11,328
Actuarial (losses) gains		(239,392)	(21,297)	2,813	(4,301)
Curtailments		_	89,622	_	_
Plan amendments, other		10,006	_	_	50,708
Benefit obligation at end of year	\$	(2,097,578) \$	(1,868,624) \$	(31,797) \$	(35,819)
Change in plans' assets					
Fair value of assets at beginning of year	\$	1,419,997 \$	1,503,239	- \$	
Actual return on plans' assets	Ф	130,317	(30,482)	, – "s	_
Benefits paid		(95,141)	(92,440)	(3,833)	(11,328)
Employer contributions		3,730	39,680	2,543	7,838
Employee contributions		<b>5,750</b>	57,000	1,290	3,490
Fair value of plans' assets at end of year		1,458,903	1,419,997		-
Underfunded status of the plans	\$	(638,675) \$	(448,627) \$		(35,819)
•	_				
Components of net periodic benefit cost					
Service cost	\$	15,390 \$	39,151	99 \$	476
Interest cost		79,319	77,962	1,235	1,984
Expected return on plans' assets		(111,045)	(105,737)	_	_
Curtailment		_	882	_	(2,659)
Settlement loss		160	158	_	_
Net amortization and deferral		14,777	25,664	(24,019)	(21,482)
Cost (income) included in the consolidated statements of	_				
operations and changes in net assets	\$	(1,399) \$	38,080	(22,685) \$	(21,681)

## Notes to Consolidated Financial Statements (continued) (In Thousands)

#### 7. Pensions and Other Postretirement Benefits (continued)

The Corporation also has supplemental employee retirement plans and healthcare reimbursement accounts, for which the Corporation recorded the underfunded status of \$25,828 and \$26,498 included within accrued pension liabilities as of September 30, 2016 and 2015, respectively.

The actuarial (losses) gains in 2016 and 2015 primarily relates to changes in demographic experience, discount rate and the mortality table used to measure the benefit obligation.

The accumulated benefit obligation for the Corporation's plans was approximately \$2,107,889 and \$1,866,100 as of September 30, 2016 and 2015, respectively.

The weighted-average assumptions used to develop net periodic benefit cost and the projected benefit obligation were as follows:

	<b>Pension Benefits</b>		Other Post-Reti	rement Benefits
	2016	2015	2016	2015
Discount rate for determining benefit obligation at year-end	3.17-3.80%	3.75 -4.65%	2.46-3.39%	3.00 -4.20%
Discount rate for net periodic benefit cost	3.75-4.65%	3.75 –4.55%	3.00-4.20%	3.00 -4.20%
Expected rate of return on plan	4.35-7.50%	4.00 -7.50%		_
Rate of compensation increase	3.50%	3.50%	3.50%	3.50%

The expected rate of return on plan assets was determined by the expected return on each asset class based on a model that considers historical and expected future performance.

The Corporation has three postretirement benefit plans. The weighted-average annual assumed rates of increase in the per capita cost of covered benefits (i.e., health care cost trend rate) are assumed to be 6.5% to 7.0%. Rates are assumed to decline to 5% through 2023 for Hartford and 2018 for Windham. This health care cost trend rate assumption has a significant effect on the amounts reported. To illustrate, a one percentage point increase in the assumed health care cost trend rate would increase the service and interest costs and accumulated postretirement benefit obligations by approximately \$49 and \$147 at September 30, 2016 and 2015, respectively. A one percentage point decrease in the assumed health care cost trend rate would decrease the service and interest cost and accumulated postretirement benefit obligations by approximately \$41 and \$126 at September 30, 2016 and 2015, respectively.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 7. Pensions and Other Postretirement Benefits (continued)

#### **Plan Assets**

The Trust's weighted-average asset allocations at September 30, by asset category, are as follows:

	<b>Target</b>	2016	2015
Equity securities	51%	58%	60%
Fixed income/debt securities	18	7	14
Commodities/inflation/real assets	10	10	8
Hedge funds	14	13	16
Other	7	12	2
Total	100%	100%	100%

The goals of the plans are to provide a secure retirement benefit for plan participants and to manage pension plan assets for the exclusive benefit of the participants. The Investment Committee of the Board of Directors of each organization is responsible for developing, reviewing, and monitoring the investment policy. The plans' assets are invested in accordance with the policy.

#### **Contributions**

The Corporation expects to make contributions of approximately \$13,640 and \$3,469 in fiscal year 2017 related to its Plans and its other postretirement benefit plans, respectively.

#### **Estimated Future Benefit Payments**

Future benefit payments are expected to be paid as follows:

Fiscal Year	Pension Benefits	Other tretirement Benefits
2017	\$ 133,475	\$ 3,469
2018	100,586	3,150
2019	103,984	2,899
2020	105,426	2,626
2021	107,708	2,442
2022–2026	560,074	9,730

## Notes to Consolidated Financial Statements (continued) (In Thousands)

### 8. Long-Term Debt

Details of long-term debt are as follows:

HHC Revenue bonds financed with the State of Connecticut Health and Educational Facilities Authority (CHEFA):         Series A, consisting of tax-exempt serial bonds and term bonds; interest at rates ranging from 4.00% to 5.00%         \$ 245,079         \$ 248,829           Series B, tax-exempt variable rate term bonds; interest at rates ranging from 0.02% to 0.85%         71,085         71,085         71,085           Series C, taxable variable rate term bonds; interest at rates ranging from 0.17% to 0.85%         50,000         50,000           Series D, taxable term bonds, fixed rate at 5.75%         163,180         163,180           Series E, tax-exempt term bonds; interest rates ranging from 4.00% to 5.00%         33,790         83,790           Series F, tax-exempt term bonds; interest rates ranging from 3.00% to 5.85%         71,965         71,965           Series G, tax-exempt term bonds; variable interest based upon one-month LIBOR rate through June 30, 2020         50,665         50,665         50,665           Revolving line of credit         36,078         28,184         28,184           Capital lease obligations (HHC, Backus, HOCC, Hartford) due in monthly installments, at varying rates of imputed interest from 1.94% to 7.16%         23,572         26,812           Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016         82,606         70,713           Commercial notes (Natchaug), at varying rates of imputed interest to 9.44% <t< th=""><th></th><th colspan="3">September 30</th><th>30</th></t<>		September 30			30
Series A, consisting of tax-exempt serial bonds and term bonds; interest at rates ranging from 4.00% to 5.00%   \$245,079 \$ 248,829   \$245,079 \$ 248,829   \$245,079 \$ 248,829   \$245,079 \$ 248,829   \$245,079 \$ \$248,829   \$245,079 \$ \$248,829   \$245,079 \$ \$248,829   \$245,079 \$ \$248,829   \$245,079 \$ \$248,829   \$245,079 \$ \$248,829   \$245,079 \$ \$248,829   \$245,079 \$ \$248,829   \$245,079 \$ \$245,079 \$ \$248,829   \$245,079 \$			2016		2015
Series A, consisting of tax-exempt serial bonds and term bonds; interest at rates ranging from 4.00% to 5.00%   \$248,829	HHC Revenue bonds financed with the State of Connecticut Health and Educational				
from 4.00% to 5.00%         \$ 245,079         \$ 248,829           Series B, tax-exempt variable rate term bonds; interest at rates ranging from 0.02% to 0.85%         71,085         71,085           Series C, taxable variable rate term bonds; interest at rates ranging from 0.17% to 0.85%         50,000         50,000           Series D, taxable term bonds, fixed rate at 5.75%         163,180         163,180           Series E, tax-exempt term bonds; interest rates ranging from 4.00% to 5.00%         83,790         83,790           Series F, tax-exempt term bonds; interest rates ranging from 3.00% to 5.85%         71,965         71,965           Series G, tax-exempt term bonds; variable interest based upon one-month LIBOR rate through June 30, 2020         50,665         50,665           Revolving line of credit         36,078         28,184           Capital lease obligations (HHC, Backus, HOCC, Hartford) due in monthly installments, at varying rates of imputed interest from 1.94% to 7.16%         23,572         26,812           Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016         82,606         70,713           Commercial notes (Natchaug), at varying rates of imputed interest to 9,44%         2,143         2,335           Mortgage (Backus) due in monthly installments with fixed rate of 6.125%         1,323         1,395           Other loans and notes, at varying rates of imputed interest         2,259         712 <td>Facilities Authority (CHEFA):</td> <td></td> <td></td> <td></td> <td></td>	Facilities Authority (CHEFA):				
Series B, tax-exempt variable rate term bonds; interest at rates ranging from 0.02% to 0.85%   71,085   71,085   Series C, taxable variable rate term bonds; interest at rates ranging from 0.17% to 0.85%   50,000   50,000   Series D, taxable term bonds; fixed rate at 5.75%   163,180   163,180   163,180   Series E, tax-exempt term bonds; interest rates ranging from 4.00% to 5.00%   83,790   83,790   83,790   Series F, tax-exempt term bonds; interest rates ranging from 3.00% to 5.85%   71,965   71,965   71,965   Series G, tax-exempt term bonds; variable interest based upon one-month LIBOR rate through June 30, 2020   50,665   50,665   82,184   Capital lease obligations (HHC, Backus, HOCC, Hartford) due in monthly installments, at varying rates of imputed interest from 1.94% to 7.16%   23,572   26,812   Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016   82,606   70,713   Commercial notes (Natchaug), at varying rates of imputed interest to 9.44%   2,143   2,335   Mortgage (Backus) due in monthly installments with fixed rate of 6.125%   1,323   1,395   1,395   1,323   1,395   1,395   1,348   10,850   10,438   1	Series A, consisting of tax-exempt serial bonds and term bonds; interest at rates ranging				
from 0.02% to 0.85%       71,085       71,085         Series C, taxable variable rate term bonds; interest at rates ranging from 0.17% to 0.85%       50,000       50,000         Series D, taxable term bonds, fixed rate at 5.75%       163,180       163,180         Series E, tax-exempt term bonds; interest rates ranging from 4.00% to 5.00%       83,790       83,790         Series F, tax-exempt term bonds; interest rates ranging from 3.00% to 5.85%       71,965       71,965         Series G, tax-exempt term bonds; variable interest based upon one-month LIBOR rate through June 30, 2020       50,665       50,665         Revolving line of credit       36,078       28,184         Capital lease obligations (HHC, Backus, HOCC, Hartford) due in monthly installments, at varying rates of imputed interest from 1.94% to 7.16%       23,572       26,812         Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016       82,606       70,713         Commercial notes (Natchaug), at varying rates of imputed interest to 9.44%       2,143       2,335         Mortgage (Backus) due in monthly installments with fixed rate of 6.125% through May 1, 2025       1,323       1,395         Other loans and notes, at varying rates of imputed interest       2,259       712         Premium on bonds       10,438       10,850         Less current portion       52,582       44,207	from 4.00% to 5.00%	\$	245,079	\$	248,829
Series C, taxable variable rate term bonds; interest at rates ranging from 0.17% to 0.85%   50,000   50,000   Series D, taxable term bonds, fixed rate at 5.75%   163,180   163,180   163,180   Series E, tax-exempt term bonds; interest rates ranging from 4.00% to 5.00%   83,790   83,790   83,790   Series F, tax-exempt term bonds; interest rates ranging from 3.00% to 5.85%   71,965   71,965   Series G, tax-exempt term bonds; variable interest based upon one-month LIBOR rate through June 30, 2020   50,665   50,665   82,184   Capital lease obligations (HHC, Backus, HOCC, Hartford) due in monthly installments, at varying rates of imputed interest from 1.94% to 7.16%   23,572   26,812   Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016   82,606   70,713   Commercial notes (Natchaug), at varying rates of imputed interest to 9.44%   2,143   2,335   Mortgage (Backus) due in monthly installments with fixed rate of 6.125%   through May 1, 2025   1,323   1,395   Other loans and notes, at varying rates of imputed interest   2,259   712   Premium on bonds   10,438   10,850   10,438   1	Series B, tax-exempt variable rate term bonds; interest at rates ranging				
from 0.17% to 0.85%         50,000         50,000           Series D, taxable term bonds, fixed rate at 5.75%         163,180         163,180           Series E, tax-exempt term bonds; interest rates ranging from 4.00% to 5.00%         83,790         83,790           Series F, tax-exempt term bonds; interest rates ranging from 3.00% to 5.85%         71,965         71,965           Series G, tax-exempt term bonds; variable interest based upon one-month LIBOR rate through June 30, 2020         50,665         50,665           Revolving line of credit         36,078         28,184           Capital lease obligations (HHC, Backus, HOCC, Hartford) due in monthly installments, at varying rates of imputed interest from 1.94% to 7.16%         23,572         26,812           Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016         82,606         70,713           Commercial notes (Natchaug), at varying rates of imputed interest to 9.44%         2,143         2,335           Mortgage (Backus) due in monthly installments with fixed rate of 6.125% through May 1, 2025         1,323         1,395           Other loans and notes, at varying rates of imputed interest         2,259         712           Premium on bonds         10,438         10,850           Less current portion         52,582         44,207	from 0.02% to 0.85%		71,085		71,085
Series D, taxable term bonds, fixed rate at 5.75%       163,180       163,180         Series E, tax-exempt term bonds; interest rates ranging from 4.00% to 5.00%       83,790       83,790         Series F, tax-exempt term bonds; interest rates ranging from 3.00% to 5.85%       71,965       71,965         Series G, tax-exempt term bonds; variable interest based upon one-month LIBOR rate through June 30, 2020       50,665       50,665         Revolving line of credit       36,078       28,184         Capital lease obligations (HHC, Backus, HOCC, Hartford) due in monthly installments, at varying rates of imputed interest from 1.94% to 7.16%       23,572       26,812         Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016       82,606       70,713         Commercial notes (Natchaug), at varying rates of imputed interest to 9.44%       2,143       2,335         Mortgage (Backus) due in monthly installments with fixed rate of 6.125% through May 1, 2025       1,323       1,395         Other loans and notes, at varying rates of imputed interest       2,259       712         Premium on bonds       10,438       10,850         Less current portion       52,582       44,207	Series C, taxable variable rate term bonds; interest at rates ranging				
Series E, tax-exempt term bonds; interest rates ranging from 4.00% to 5.00%       83,790       83,790         Series F, tax-exempt term bonds; interest rates ranging from 3.00% to 5.85%       71,965       71,965         Series G, tax-exempt term bonds; variable interest based upon one-month LIBOR rate through June 30, 2020       50,665       50,665         Revolving line of credit       36,078       28,184         Capital lease obligations (HHC, Backus, HOCC, Hartford) due in monthly installments, at varying rates of imputed interest from 1.94% to 7.16%       23,572       26,812         Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016       82,606       70,713         Commercial notes (Natchaug), at varying rates of imputed interest to 9.44%       2,143       2,335         Mortgage (Backus) due in monthly installments with fixed rate of 6.125% through May 1, 2025       1,323       1,395         Other loans and notes, at varying rates of imputed interest       2,259       712         Premium on bonds       10,438       10,850         Less current portion       52,582       44,207	from 0.17% to 0.85%		50,000		50,000
Series F, tax-exempt term bonds; interest rates ranging from 3.00% to 5.85%       71,965       71,965         Series G, tax-exempt term bonds; variable interest based upon one-month LIBOR rate through June 30, 2020       50,665       50,665         Revolving line of credit       36,078       28,184         Capital lease obligations (HHC, Backus, HOCC, Hartford) due in monthly installments, at varying rates of imputed interest from 1.94% to 7.16%       23,572       26,812         Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016       82,606       70,713         Commercial notes (Natchaug), at varying rates of imputed interest to 9.44%       2,143       2,335         Mortgage (Backus) due in monthly installments with fixed rate of 6.125% through May 1, 2025       1,323       1,395         Other loans and notes, at varying rates of imputed interest       2,259       712         Premium on bonds       10,438       10,850         894,183       880,515         Less current portion       52,582       44,207	Series D, taxable term bonds, fixed rate at 5.75%		163,180		163,180
Series G, tax-exempt term bonds; variable interest based upon one-month LIBOR rate through June 30, 2020  Revolving line of credit  Capital lease obligations (HHC, Backus, HOCC, Hartford) due in monthly installments, at varying rates of imputed interest from 1.94% to 7.16%  Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016  Commercial notes (Natchaug), at varying rates of imputed interest to 9.44%  Mortgage (Backus) due in monthly installments with fixed rate of 6.125%  through May 1, 2025  Other loans and notes, at varying rates of imputed interest  Premium on bonds  10,438  880,515  Less current portion  52,582  44,207			83,790		83,790
through June 30, 2020  Revolving line of credit Capital lease obligations (HHC, Backus, HOCC, Hartford) due in monthly installments, at varying rates of imputed interest from 1.94% to 7.16% Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016 Commercial notes (Natchaug), at varying rates of imputed interest to 9.44% Mortgage (Backus) due in monthly installments with fixed rate of 6.125% through May 1, 2025  Other loans and notes, at varying rates of imputed interest Premium on bonds  10,438 10,850  128,184  23,572 26,812 27,713 28,606 70,713 29,335 21,335 21,335 21,395  Commercial notes, at varying rates of imputed interest to 9.44% 11,323 11,395  11,323 11,395  11,323 12,395  11,323 12,395 12,259 12,259 12,259 12,259 13,323 13,395 13,395 13,395 14,395 15,395 16,395 17,395 18,4183 10,850 10,850 10,438 10,850 10,438 10,850 10,438 10,850 10,438 10,850	Series F, tax-exempt term bonds; interest rates ranging from 3.00% to 5.85%		71,965		71,965
Revolving line of credit       36,078       28,184         Capital lease obligations (HHC, Backus, HOCC, Hartford) due in monthly installments, at varying rates of imputed interest from 1.94% to 7.16%       23,572       26,812         Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016       82,606       70,713         Commercial notes (Natchaug), at varying rates of imputed interest to 9.44%       2,143       2,335         Mortgage (Backus) due in monthly installments with fixed rate of 6.125% through May 1, 2025       1,323       1,395         Other loans and notes, at varying rates of imputed interest       2,259       712         Premium on bonds       10,438       10,850         Less current portion       52,582       44,207					
Capital lease obligations (HHC, Backus, HOCC, Hartford) due in monthly installments, at varying rates of imputed interest from 1.94% to 7.16%  Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016  Commercial notes (Natchaug), at varying rates of imputed interest to 9.44%  Mortgage (Backus) due in monthly installments with fixed rate of 6.125% through May 1, 2025  Other loans and notes, at varying rates of imputed interest  2,259  712  Premium on bonds  10,438  880,515  Less current portion  52,582  44,207	through June 30, 2020		50,665		50,665
installments, at varying rates of imputed interest from 1.94% to 7.16%  Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016  Commercial notes (Natchaug), at varying rates of imputed interest to 9.44%  Mortgage (Backus) due in monthly installments with fixed rate of 6.125%  through May 1, 2025  Other loans and notes, at varying rates of imputed interest  Premium on bonds  10,438  880,515  Less current portion  23,572  26,812  27,713  28,812  29,812  21,43  2,335  1,395  1,323  1,395  1,323  1,395	Revolving line of credit		36,078		28,184
Term loan (HHC), at a variable rate of 1.27% as of September, 30, 2016       82,606       70,713         Commercial notes (Natchaug), at varying rates of imputed interest to 9.44%       2,143       2,335         Mortgage (Backus) due in monthly installments with fixed rate of 6.125% through May 1, 2025       1,323       1,395         Other loans and notes, at varying rates of imputed interest Premium on bonds       2,259       712         Premium on bonds       10,438       10,850         Less current portion       52,582       44,207	Capital lease obligations (HHC, Backus, HOCC, Hartford) due in monthly				
Commercial notes (Natchaug), at varying rates of imputed interest to 9.44%       2,143       2,335         Mortgage (Backus) due in monthly installments with fixed rate of 6.125% through May 1, 2025       1,323       1,395         Other loans and notes, at varying rates of imputed interest Premium on bonds       2,259       712         Premium on bonds       10,438       10,850         Less current portion       52,582       44,207	installments, at varying rates of imputed interest from 1.94% to 7.16%		23,572		26,812
Mortgage (Backus) due in monthly installments with fixed rate of 6.125% through May 1, 2025       1,323       1,395         Other loans and notes, at varying rates of imputed interest       2,259       712         Premium on bonds       10,438       10,850         Less current portion       52,582       44,207			82,606		70,713
through May 1, 2025       1,323       1,395         Other loans and notes, at varying rates of imputed interest       2,259       712         Premium on bonds       10,438       10,850         894,183       880,515         Less current portion       52,582       44,207	Commercial notes (Natchaug), at varying rates of imputed interest to 9.44%		2,143		2,335
Other loans and notes, at varying rates of imputed interest         2,259         712           Premium on bonds         10,438         10,850           894,183         880,515           Less current portion         52,582         44,207	Mortgage (Backus) due in monthly installments with fixed rate of 6.125%				
Premium on bonds         10,438         10,850           894,183         880,515           Less current portion         52,582         44,207	through May 1, 2025		1,323		1,395
Premium on bonds         10,438         10,850           894,183         880,515           Less current portion         52,582         44,207					
894,183         880,515           Less current portion         52,582         44,207	Other loans and notes, at varying rates of imputed interest		2,259		712
Less current portion <b>52,582</b> 44,207	Premium on bonds		10,438		10,850
· · · · · · · · · · · · · · · · · · ·			894,183		880,515
<b>\$ 841,601</b> \$ 836,308	Less current portion		52,582		44,207
		\$	841,601	\$	836,308

On September 29, 2011, HHC issued approximately \$375,815 of CHEFA Revenue Bonds Series A, B, and C (the HHC 2011 Bonds). In conjunction with the issuance of the HHC 2011 Bonds, an obligated group was formed. The members of the obligated group are HHC, Hartford Hospital, The Hospital of Central Connecticut, Windham Community Memorial Hospital, and MidState Medical Center (collectively referred to as the Obligated Group). Effective January 2014, The William W. Backus Hospital became part of the Obligated Group. On March 26, 2014, HHC issued approximately \$163,180 of Taxable Bonds Series D (the HHC Series D Bonds) and approximately \$83,790 of CHEFA Revenue Bonds Series E (the HHC Series E Bonds) concurrently (collectively referred to as the HHC 2014 Bonds). On May 12, 2015, HHC concurrently issued approximately \$71,965 and \$50,665 of CHEFA Revenue Bonds

# Notes to Consolidated Financial Statements (continued) (In Thousands)

#### 8. Long-Term Debt (continued)

Series F (the HHC Series F Bonds) and G (the HHC Series G Bonds), respectively (collectively referred to as the HHC 2015 Bonds). Obligated Group members are jointly and severally liable under a Master Trust Indenture (MTI) to make all payments required with respect to obligations under the MTI. HHC does have the right to name designated affiliates, although presently none exist.

The HHC 2011 and 2014 Bonds were issued to refund portions of existing debt under HHC. The HHC 2011, 2014, and 2015 Bonds were also issued to obtain funds for future capital needs. The HHC Series A Revenue Bonds consist of serial bonds that mature annually from July 1, 2014 through July 1, 2023, and term bonds that mature from July 1, 2024 through July 1, 2041. The HHC Series B Revenue Bonds consist of term bonds that mature from July 1, 2042 through July 1, 2049. The HHC Series B Revenue Bonds are secured by an irrevocable letter of credit issued by Bank of America which expires on September 29, 2018. The HHC Series C Revenue Bonds consist of term bonds that mature from July 1, 2042 through July 1, 2049. The HHC Series C Revenue Bonds are secured by an irrevocable letter of credit issued by JP Morgan Chase Bank that expires on October 1, 2017. The reimbursement terms of the letters of credit for the HHC Series B and C Revenue Bonds are such that in the event a letter of credit is drawn upon due to a failed remarketing, the components available shall equal the aggregate principal and interest amount of bonds outstanding. The HHC Series D Bonds consist of term bonds that mature on April 1, 2044. The HHC Series E Bonds consist of term bonds that mature from July 1, 2025 through July 1, 2042. The HHC Series F Bonds consist of term bonds that mature on July 1, 2045. The HHC Series G Bonds consist of term bonds that mature on July 1, 2049.

The MTI and Supplemental MTI provide for the potential establishment and maintenance of a debt service reserve fund, a pledge of gross receipts, as defined, and parity with the HHC Series A and E Revenue Bonds that remain outstanding. The MTI and loan agreements establish certain restrictive covenants, including a debt service coverage ratio and days cash on hand requirement. No violations of financial covenants existed as of and for the fiscal years ended September 30, 2016 and 2015.

The fair value of the HHC 2011, 2014 and 2015 Bonds was approximately \$830,456 and \$813,414 at September 30, 2016 and 2015, respectively. The fair value of the HHC 2011, 2014, and 2015 Bonds was determined by HHC's investment advisor using a market approach that uses prices and other relevant information generated by market transactions involving identical or comparable liabilities and categorized as Level 2 in the fair value hierarchy described in Note 5.

## Notes to Consolidated Financial Statements (continued) (In Thousands)

#### 8. Long-Term Debt (continued)

As part of the HHC 2011 Bonds, the Obligated Group entered into a new line of credit for \$20,000. This line expires in March 2017. As of September 30, 2016 and 2015, HHC had not drawn upon this line of credit. In 2012, HHC obtained a \$60,000 line of credit. In August 2013, the Obligated Group entered into an amendment increasing this line of credit to \$100,000. As of September 30, 2016 and 2015, the Corporation had drawn \$36,078 and \$28,184, respectively, on this line of credit, with a variable rate of 1.22% and 0.90%, respectively, and is also included in the current portion of long-term debt. This line of credit expires in April 2017.

In April 2014, the Obligated Group entered into a new loan agreement in the amount of \$85,000. Under this agreement, a line of credit will be provided for borrowings up to a maximum aggregate amount outstanding of \$85,000 until April 2016, with an interest rate equal to the LIBOR Rate plus the Applicable Margin, as defined in the loan agreement. On June 30, 2015 the line converted to a term loan, with an additional drawdown period through April 9, 2016, to be repaid in 36 equal quarterly installments of principal until April 2024. As of September 30, 2016 and 2015, the ending balance of this term loan is \$82,606 and \$70,713, respectively, with a variable rate of 1.27% and 0.95%, respectively.

MidState and Windham entered into interest rate swap agreements in connection with debt instruments that have subsequently been terminated. MidState entered into an interest rate swap agreement with a financial institution, with an original notional amount of \$47,594. MidState receives a variable rate equal to 67% of one month LIBOR and pays a fixed rate of 3.78%. Effective July 6, 2016, MidState entered into an agreement to terminate the interest rate swap for the current fair market value of \$4,348. Windham entered into two interest rate swap agreements with a financial institution, with an original notional amount of \$19,745. Windham receives a variable rate equal to 67% of one month LIBOR and pays a fixed rate of 3.38%. These agreements terminate on July 1, 2037. The changes in the fair value of these agreements are reported in the accompanying consolidated statements of operations and changes in net assets as a component of income from investments along with the net cash receipts on the swap agreement. The fair value of the swap agreements were \$4,813 and \$8,155 at September 30, 2016 and 2015, respectively, and are recorded in other liabilities in the accompanying consolidated balance sheets. Although the swap agreements represent an economic hedge of the interest rate, they do not qualify for hedge accounting. The changes in fair value of these agreements is reported in the accompanying consolidated statements of operations and changes in net assets as a component of other nonoperating income (loss) along with the net cash receipts on the swap agreement.

## Notes to Consolidated Financial Statements (continued) (In Thousands)

### 8. Long-Term Debt (continued)

On January 27, 2014, the Obligated Group entered into a bridge loan (the Bridge Loan) in the amount of \$80,902, part of which was used to defease the Backus Series E, Series F and Series G bonds (Backus Bonds) prior to the closing of the HHC 2014 Bonds. A portion of the proceeds of the HHC 2014 Bonds were used to pay off the outstanding balance of the Bridge Loan prior to September 30, 2014. During 2014, Backus placed \$57,512 in an escrow refunding trust relating to Series F and G Bonds. The Series F Bonds will be redeemed as of July 1, 2018. The Series G Bonds were redeemed on July 1, 2015. The Backus Series E Bonds were extinguished during 2014.

HHC has entered into several capital lease obligations. The leases are due in monthly installments with varying interest rates. HHC entered into three capital leases for equipment in 2013 with options to purchase, with imputed interest rates from 1.94% to 3.53%. The total monthly installments due for the three lease obligations are \$192 with an outstanding balance of \$3,732 and \$6,030 as of September 30, 2016 and 2015, respectively. Hartford has capital leases for satellite locations entered into in 2010 and 2012. Both leases are twenty year leases with an option to purchase. One lease has monthly installments of \$57 with an interest rate of 6.25% and the second lease has monthly installments of \$34 with an interest rate of 7.16%. The outstanding Hartford capital lease obligations were \$12,797 and \$13,044 as of September 30, 2016 and 2015, respectively. Backus leases include a twenty-year capital lease of \$5,108 with an interest rate of 6.06% for a building entered into in 2012. Under the terms of the lease, Backus has the option for two additional five year terms as well as an option to purchase the property. The outstanding balance on this capital lease at September 30, 2016 and 2015, was \$4,721 and \$4,898, respectively. The remaining capital leases recorded total approximately \$2,322 and \$2,840 with interest rates ranging from 2.25% to 5.90% as of September 30, 2016 and 2015, respectively.

Principal payments due on long-term debt are as follows:

Fiscal year ending September 30:	
2017	\$ 52,582
2018	14,220
2019	15,048
2020	13,659
2021	13,967
Thereafter	 774,269
	\$ 883,745

## Notes to Consolidated Financial Statements (continued) (In Thousands)

### 8. Long-Term Debt (continued)

Interest paid for the fiscal years ended September 30, 2016 and 2015 was approximately \$27,368 and \$25,221, respectively.

#### 9. Professional Liability and Workers' Compensation Insurance

The Corporation's primary medical professional and general liability coverage is with HHCISL for its subsidiaries. As discussed in Note 1, HHCISL is a wholly-owned subsidiary of the Corporation. Hartford, MidState, HOCC, Windham, VNA and HHCSS were insured by HHCISL for the years ended September 30, 2016 and 2015. Effective October 1, 2013, HHCISL also began providing primary coverage for Backus. Prior to being covered by HHCISL, primary coverage for Backus was through a self-insured trust. In fiscal year 2015, Backus transferred the reserves related to its legacy malpractice claims to HHCISL. Effective August 1, 2016, HHCISL began providing coverage for Rushford. Prior to being covered by HHCISL, primary coverage for Rushford was through a commercial insurer.

Effective October 1, 2015, the policy limits provided by HHCISL are \$5,000 per claim and \$35,000 in the aggregate. The primary layer of the excess coverage of \$20,000 is shared with two insurance carriers. The secondary layer is \$20,000 with a single carrier. The third and fourth layers are \$10,000 each with two other insurance carriers. The top layer is \$20,000 for a total excess coverage of \$80,000. Prior year policy limits may vary from the current coverage levels.

In addition, HHCISL provides primary layer coverage, on a claims-made basis, for employee benefits coverage with limits of \$2,000 for each employee benefits wrongful act, with an aggregate limit of \$6,000. HHCISL also provides primary layer coverage, on an occurrence basis, general liability with limits of \$2,000 per occurrence, with an aggregate limit of \$4,000. Effective January 1, 2013, HHCISL provided employee medical stop loss coverage to the Corporation with a limit of \$650 in excess of \$350 per employee. A select number of employees in 2015 were given higher limits due to their expected higher expenses. Effective January 1, 2016, the medical stop loss limit increased to \$1,150 in excess of \$350 per employee. In 2014, HHCISL issued a separate policy for employed lawyers' legal liability with coverage for \$3,000 per claim and in aggregate.

Effective October 1, 2012, HHCISL entered into a fully retrospectively rated agreement with a former shareholder and insured, Connecticut Children's Medical Center (CCMC), whereby HHCISL issued a policy to the benefit of CCMC and CCMC pays a deposit premium which will be adjusted based on actual claims activity. CCMC is not related to the Corporation.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 9. Professional Liability and Workers' Compensation Insurance (continued)

Coverage for professional liability insurance is provided on a claims-made basis at HHCISL. As such, the subsidiaries of the Corporation that are insured by HHCISL have also recorded a liability for estimated incurred but not reported claims. Professional liability claims are discounted at 1.30% and 1.47% for the incurred-but-not-reported liability, which was approximately \$21,501 and \$20,804 at September 30, 2016 and 2015, respectively.

Activity in the reserve for losses and loss adjustment expenses is summarized as follows for the fiscal year ended September 30:

	 2016	2015
Net reserve, beginning of year	\$ 126,582 \$	112,240
Transfer in of Backus reserves	_	3,038
Incurred related to:		
Current year	32,283	32,032
Prior years	 (5,548)	(4,714)
Total incurred	26,735	27,318
Paid related to:		
Current year	(1,768)	(2,028)
Prior years	 (23,961)	(13,986)
Total paid	 (25,729)	(16,014)
Net reserve, end of year	 127,588	126,582
Plus: reinsurance recoverable	4,301	4,301
Plus: CCMC reserves	28,996	35,208
Gross balance, end of the year	\$ 160,885 \$	166,091

As a result of changes in estimates of insured events in prior years, the reserve for losses and loss adjustment expenses decreased by \$3,423 and \$4,714 in 2016 and 2015, respectively.

The ultimate settlement of losses may vary significantly from the reserves recorded. In particular, ultimate settlements on professional liability claims depend, among other things, on the resolution of litigation, the outcome of which is difficult to predict. In addition, since the reserves have been discounted, there is the possibility that the timing of loss payments and income earned on invested assets will be significantly different than anticipated.

## Notes to Consolidated Financial Statements (continued) (In Thousands)

### 9. Professional Liability and Workers' Compensation Insurance (continued)

During the year, potential workers' compensation losses from asserted and unasserted claims identified by the Corporation's risk management system are accrued based upon estimates that incorporate the Corporation's past experience, as well as the nature of each claim or incident and relevant trend factors

The Corporation's workers' compensation reserve, as estimated by management in conjunction with its independent actuaries is \$33,312 and \$31,144 as of September 30, 2016 and 2015, respectively, is included in accrued expenses on the consolidated balance sheets and is discounted at 3.0% in 2016 and 2015.

The Corporation has established a policy of self-insuring the deductible portion of its workers' compensation insurance. The deductible limits are \$1,000 per claim for fiscal years ended September 30, 2016 and 2015. In connection with this self-insurance program, Travelers Indemnity Company, the primary insurer, issued a surety bond in the amount of \$21,500 and \$14,350 at September 30, 2016 and 2015, respectively.

#### 10. Commitments and Contingencies

Various lawsuits and claims arising in the normal course of operations are pending or are in progress against the Corporation. Such lawsuits and claims are either specifically covered by insurance as explained in Note 1 or are deemed to be immaterial. While the outcomes of the lawsuits cannot be determined at this time, management believes that any loss that may arise from these actions will not have a material adverse effect on the financial position or changes in net assets of the Corporation.

The Corporation has several operating lease agreements for certain real estate, medical equipment, and computer equipment. Certain of these leases have renewal options for periods up to five years and escalation clauses. Rent is payable in equal monthly installments. Rent expense was approximately \$38,568 and \$36,047 for the fiscal years ended September 30, 2016 and 2015, respectively, and is included within supplies and other on the accompanying consolidated statements of operations and changes in net assets.

# Notes to Consolidated Financial Statements (continued) (In Thousands)

## 10. Commitments and Contingencies (continued)

The future minimum lease payments are as follows:

2017	\$ 22,48	3
2018	20,74	1
2019	17,84	4
2020	14,87	4
2021	12,48	4
Thereafter	36,88	1
	\$ 125,30	7

## 11. Other Operating Revenue

Other operating revenue for the fiscal years ended September 30 consisted of the following:

	 2016	2015
Gain on sale of CLP outreach laboratory business	\$ 119,538	<b>S</b> –
Services to others	56,672	71,421
Grant revenue	25,279	29,364
Retail pharmacy income	24,235	2,836
Investment income	11,292	16,827
Rental income	10,314	15,579
Tuition revenue	8,885	8,994
Cafeteria income	6,241	6,945
Unrestricted contributions	6,200	7,766
Joint ventures income	3,389	6,470
EHR revenue	1,326	1,500
Other	 26,671	26,572
	\$ 300,042	\$ 194,274

# Notes to Consolidated Financial Statements (continued) (In Thousands)

## 12. Functional Expenses

The Corporation provides health care services to residents within its geographic location. Expenses related to providing these services are as follow:

	Year Ended So	Year Ended September 30							
	2016	2015							
Health care services Support services	\$ 1,928,425 S 599,953	S 1,808,331 625,674							
The state of the s	\$ 2,528,378								

## 13. Supplemental Cash Flow Information

The changes in assets and liabilities are as follows:

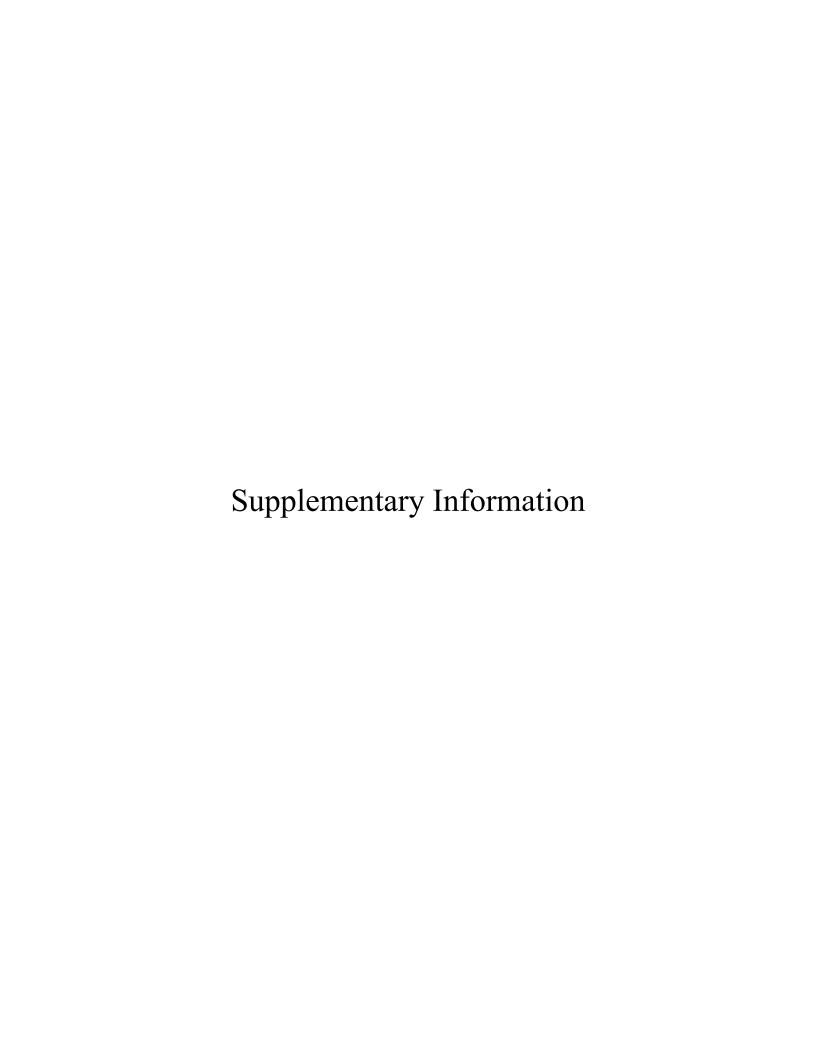
		r 30	
		2016	2015
Increase in accounts receivable	\$	(56,920) \$	(54,139)
Decrease in other receivables		8,310	237
Increase in inventories of supplies and prepaid expenses			
and other current assets		(7,107)	(3,252)
Decrease (increase) in other assets		6,657	(13,030)
Increase in accounts payable and accrued expenses		28,784	32,512
(Decrease) increase in estimated third-party payor			
settlements		(16,055)	9,285
Increase (decrease) in salaries, wages, payroll taxes, and			
amounts withheld from employees		19,391	(3,730)
Decrease in accrued pension liabilities, self-insurance			
liabilities and other liabilities		(22,307)	(7,401)
	\$	(39,247) \$	(39,518)
		•	

# Notes to Consolidated Financial Statements (continued) (In Thousands)

### 14. Subsequent Events

The Corporation evaluated subsequent events through December 23, 2016, which is the date the consolidated financial statements were issued, for potential recognition in the consolidated financial statements as of the balance sheet date for the fiscal year ended September 30, 2016.

No events occurred that require disclosure in or adjustment to the consolidated financial statements.



#### Consolidating Balance Sheet

September 30, 2016 (In Thousands)

=	Hartford HealthCare and Subsidiary	Hartford Hospital and Subsidiaries	MidState Medical Center and Subsidiary		Hospital of Central Connecticut and Subsidiaries	Backus Hospital	H.H.M.O.B. and Subsidiaries	Hartford HealthCare at Home, Inc. and Subsidiary	Natchaug Hospital	ushford Center, Inc. and Subsidiary	Hartford HealthCare Laboratories	Practice Central	Hartford HealthCare Senior Services	Hartford HealthCare Endowment LLC	Hartford HealthCare Medical Group	Hartford HealthCare Indemnity Services, Ltd.	Backus Corporation and Other Subsidiaries	Integrated Care Partners	Eliminations	Total
Assets Current assets:																				
Current assets: Cash and cash equivalents	\$ 96.373	\$ 19,917	\$ 9,302	\$ 5.077	\$ 24,232	8 48.819 \$	3,277 \$	2.311 \$	4.867 \$	1,297	s 2.134	S 10 5	\$ 13,188	s –	\$ 2.460	\$ 46,575	\$ 855	\$ 12,740		\$ 293,434
Accounts receivable, less allowances for doubtful accounts	2,694	147,250	28,799	7.066	43.814	37,773	10	2,311 \$	10,695	4.361	5 2,134	5 10 3	1.868		9,751	\$ 40,575	1,022	3 12,740		315,862
Other receivables	3,428		4,836	2,116	13,109	52	1,222	20,223	1,369	533	1,103	_	252	_	2,254	5,159	1,022	(499)	(29,706)	24,889
Interest in investments held by Endowment, LLC	3,426	8.404	4,030	2,110	13,109	32	1,222		1,309	333	1,103		232		2,2,34	3,139	-	(422)	(8,404)	24,009
Due from affiliates	40,773	0,404	_	_	_	_	2,961	_	_	_	_	_	_	_	_	_	_	_	(43,734)	_
Inventories of supplies	-	17,611	3,235	718	6,049	3,761	2,701	_	175	_	798	_	34	_	252	_	_	_	(15,751)	32,633
Prepaid expenses and other current assets	11,492	8.024	3,017	303	2,636	3,294	28	304	252	247	226	_	220	_	494	111	_	18	_	30,666
Current portion of assets whose is limited	,	-,	-,	_	_,	4.643		_				_		8.404	_					13,047
Total current assets	154,760	220,861	49,189	15,280	89,840	98,342	7,498	22,840	17,358	6,438	4,795	10	15,562	8,404	15,211	51,845	1,883	12,259	(81,844)	710,531
Total current assets	134,700	220,001	49,109	15,200	07,040	90,342	7,470	22,040	17,556	0,436	4,793	10	13,302	0,404	13,211	31,643	1,003	12,239	(01,044)	/10,551
Assets whose use is limited:																				
Interest in investments held by Endowment, LLC	_	321,906	15,567	85	155,241	332,131	_	12,168	_	_	_	_	_	_	_	_	_	_	(837,098)	_
Donor restricted interest in investments held by		- ,	-,		,	,		,											(,)	
Endowment, LLC	_	226,868	1,675	2,146	33,234	8,775	_	6,321	_	38	_	_	_	-	_	_	-	-	(279,057)	_
Investments and other assets	_	387	_	456	_	18,470	_		_	_	_	_	_	837,098	_	_	-	_	-	856,411
Investments for restricted purposes	-	6,610	471	613	1,235	2,052	_	_	-	-	-	-	-	279,057	_	_	-	_	-	290,038
Escrow funds for long-term debt	75	73,382	_	_	_		_	_	-	-	-	-	-	_	_	_	-	-	-	73,457
Funds designated for debt service	556	8,998	6,308	1,440	3,594	-	_	-	_	-	-	-	-	-	_	-	-	-	-	20,896
Investments held by HHCISL	_			_		_	_	_	_	_	_	_	_	_	_	205,072	_	_	_	205,072
	631	638,151	24,021	4,740	193,304	361,428	-	18,489	-	38	-	-	-	1,116,155	-	205,072		-	(1,116,155)	1,445,874
Park tilling of adam	_	126.025	14 100	2.006	15.410	2.472	_	5.747	50											177.004
Funds held in trust by others	_	136,935	14,190 74.071	3,086	15,419	2,472	_	5,747 6.851	50	1.044	_	_	2,874	_	_	_	-	-	(84.840)	177,904
Interest in investments held by Endowment, LLC Investment in subsidiaries	563,909	_	/4,0/1	_	_	_	_	0,851	_	1,044	_	_	2,874	_	_	_	_	-	(563,909)	_
Investment in subsidiaries Investments	303,909	_	_		_	_	_	_	_	_	_	_	_	84,840	_	_	_	_	(303,909)	84,840
Other assets	19,786	86,372	13,747	2,834	22,739	12,439	758	_	484	67	5,000	_	324	04,040	5.848	_	969	_	(79 141)	93,226
Property, plant, and equipment, net	275.811	465.129	102.200	35.531	179.734	114.328	24.391	2.471	11 257	5.737	5,000	_	14.426	_	12.239	_	716	_	(78,141)	1.249.387
Total assets	\$ 1,014,897						32.647 \$			13,324		\$ 10 S		\$ 1.209.399		\$ 256.917		\$ 12.250	\$ (1,924,889) \$	
10tti 45505	3 1,014,027	ψ 1,5+7,++0	2//,410	φ 01, <del>4</del> /1 ,	301,030	302,002 \$	32,047 0	30,370 3	27,177 \$	13,324	3 13,212	J 10 4	33,171	3 1,207,377	3 33,276	3 250,717	3 3,200	3 12,237	3 (1,724,007)	3,701,702
Liabilities and net assets																				
Current liabilities:																				
Accounts payable	\$ 20,286	\$ 49,305	\$ 4,741	\$ 1,587	\$ 5,611	5,607 \$	112 \$	519 \$	628 \$	260	\$ 1,061	\$ - 5	\$ 318	\$ -	\$ 1,789	\$ 280	\$ 47	\$ 64	\$ - 5	92,215
Salaries, wages, payroll taxes, and amounts withheld																				
from employees	28,262	34,624	5,678	3,060	8,403	4,123	54	2,647	2,019	777	1,652	_	838	-	10,839	-	543	52	-	103,571
Accrued expenses	35,658	35,666	1,734	990	13,103	5,848	1,312	3,805	104	1,473	3,550	1	1,915	-	2,370	130	23	13,097	-	120,779
Due to affiliates	-	3,152	2,807	7,836	695	5,397	-	3,995	6,472	746	2,445	2	1,689	-	5,381	_	88	3,029	(43,734)	-
Estimated third-party payor settlements	-	30,964	3,982	1,894	4,627	6,880	_	716	(75)	505	943	_	-	-	_	-	-	-	-	50,436
Current portion of long-term debt and capital leases	23,920	26,222	1,081	252	450	433	-	-	188	36	-	-	-	-	_	-	-	-	-	52,582
Current portion of accrued pension liabilities	1,103	1,861	-	1,373	-	1,860	-	-	-	-	-	-	-	-	_	-	-	-	-	6,197
Current portion of self-insurance liabilities and other liabilities	1,093	12,661	4,453	552	5,703	1,846	-	-	98	_	-	-	-	_	1,397	55,841	_	_	(29,706)	53,938
Total current liabilities	110,322	194,455	24,476	17,544	38,592	31,994	1,478	11,682	9,434	3,797	9,651	3	4,760	-	21,776	56,251	701	16,242	(73,440)	479,718
Long-term debt and capital leases, less current portion	142,113	423,253	84,169	30,837	61,949	67,866	8,972	_	1,955	62	_	_	20,425	_	_	_	_	_	_	841,601
Accrued pension liabilities, less current portion	3,728	326,751	64,556	61,961	163,855	60,980	765	643	6,130	- 02	_	_	20,723	_	734	_	_	_	_	690,103
Other liabilities, less current portion	2,510	46,656	16,357	14,546	27,052	11,658	668	-	581	35	_	_	770	_		_	_	_	(78,141)	51,653
Self insurance liabilities, less current portion	_,				,		_	_	_	_	_	_		_	-	132,389	_	_	(,,,,,,,,	132,389
Total liabilities	258,673	991,115	189,558	124,888	291,448	172,498	11,883	12,325	18,100	3,894	9,651	3	25,955	-	31,471	188,640	701	16,242	(151,581)	2,195,464
Net assets:																	_			
Unrestricted	705,868	177,952	70,310	(69,977)	160,133	403,776	20,764	31,779	10,576	9,263	5,561	7	6,921	930,342	1,827	68,277	2,867	(3,983)		1,087,549
Unrestricted attributable to noncontrolling interest		2,199	_				_		_		-	-	-	-	_	-	-		819	3,018
Temporarily restricted	20,916	152,539	2,580	2,271	27,229	4,544	_	3,501	423	167	-	-	310	279,057	-	-	-		(299,973)	193,564
Permanently restricted	29,440	223,643	14,970	4,289	22,226	8,191		8,793	50				5						(29,440)	282,167
Total net assets	756,224	556,333	87,860	(63,417)	209,588	416,511	20,764	44,073	11,049	9,430	5,561	7	7,236	1,209,399		68,277	2,867			1,566,298
Total liabilities and net assets	\$ 1,014,897	\$ 1,547,448	\$ 277,418	\$ 61,471 \$	501,036	5 589,009 \$	32,647 \$	56,398 \$	29,149 \$	13,324	\$ 15,212	\$ 10 \$	33,191	\$ 1,209,399	\$ 33,298	\$ 256,917	\$ 3,568	\$ 12,259	\$ (1,924,889) \$	3,/61,/62

#### Consolidating Statement of Operations

For the Year Ended September 30, 2016 (In Thousands)

Unrestricted revenues, gains and other support: Net patient service revenue Provision for bad debts Net patient service revenue less provision for bad debts Other operating revenue Net assets released from restrictions for operations
Operating expenses: Salaries and wages Employee benefits Supplies and other Purchased services Depreciation and amortization Provision for non-patient bad debts Interest
Income from operations
Nonoperating income (loss): Income from investments, net Other
Excess of revenues over expenses, before net income attributable to noncontrolling interest in joint venture Less; net income attributable to nontrolling interest in joint ventures Excess (deficiency) of revenues over expenses

Hartf Health		1	MidState Medical		Hospital of Central			Hartford HealthCare at		Rushford Center, Inc.	Hartford		Hartford	Hartford	Hartford	Hartford HealthCare	Backus			
and	d	Hartford Hospital	Center and	Windham	Connecticut and	Backus	H.H.M.O.B. and	Home, Inc. and	Natchaug	and	HealthCare	Practice	HealthCare Senio	r HealthCare	HealthCare	Indemnity	Corporation and	Integrated Care		
Subsid	liary	and Subsidiaries	Subsidiary	Hospital	Subsidiaries	Hospital	Subsidiaries	Subsidiary	Hospital	Subsidiary	Laboratories	Central	Services	Endowment LLC	Medical Group	Services, Ltd.	Other Subsidiaries	Partners	Eliminations	Total
\$ 1	16,960	\$ 1,067,778 \$	217,196	\$ 71,250	\$ 365,123	\$ 308.292	s -	\$ 91,187	\$ 50,533	\$ 20,591	\$ 48,254	s -	\$ 18,342	s –	\$ 109,445	s –	\$ 12,340	s –	\$ (8,799) \$	2,388,492
	188	4,482	2,744	4,324		8,148	_		1,027			_	´		3,299			_	- (-,,,,,,	37,690
	16,772	1,063,296	214,452	66,926		300,144	-	89,650	49,506	19,762		-	18,171	_	106,146		12,175	_	(8,799)	2,350,802
29	94,533	95,573	15,297	2,822		5,169	36,804	1,909	2,094			-		_	18,228	36,748	890	6,366	(395,401)	300,042
	_	10,049	235		1 978	508	-	60	67			-	1,107	_	-		_	-	_	13,087
31	11,305	1,168,918	229,984	69,749	373,417	305,821	36,804	91,619	51,667	31,045	185,791	-	31,458	-	124,374	36,748	13,065	6,366	(404,200)	2,663,931
12	28,356	426,548	63,513	31,799	137,134	107,460	19,297	41,463	29,243	17,686	30,166	13	17,011	_	111,739	_	9,592	6,564	_	1,177,584
	38,382	76,217	16.629	11,355		30,312	4.655	8,818	8,782			3	4,721	_	19.080		1.916	1,602	_	277,448
	35,533	238.447	42,732	9,218		48.514	3.008	11.659	2,114			12		_	21,280		1.912	133	(35,904)	480,680
	38,807	313.305	71.346	23.502		65,756	5,275	28,609	9,498			300		_	32,815		3.376	3,044	(363,959)	426,172
	25,767	46,720	11,635	3,880		13,878	1,736	604	981			1,228		-	7.941	_	253		(505,555)	138,197
-	306	196	48	75			(9)	-	,,,,		,	-,220		_	,,,,,,	_		_	_	616
	2,372	12.683	3,914	1,785		3,370	75	_	120			_	274		_	_	_	_	(79)	27,681
	19,523	1,114,116	209,817	81,614		269,290	34,037	91,153	50,738	30,667		1,556		_	192,855	34,652	17,049	11,343	(399,942)	2,528,378
	-,	, , ,			,							, , , ,			,,,,,			, ,		
	(8,218)	54,802	20,167	(11,865	7,353	36,531	2,767	466	929	378	3 112,426	(1,556)	977	_	(68,481)	2,096	(3,984)	(4,977)	(4,258)	135,553
	987	32,987	9,228	405	5 11,884	31,808	12	2,462	23	90			248	115,031	209		19		(115.021)	90,367
		(5,975)	(1.080)	(1,546				·				_						_	(115,031)	
	987	27.012	8.148	(1,141		31.823	12	2,551	23			_	248		209		(0)	_	(115,031)	(8,774)
	987	27,012	8,148	(1,141	) 11,884	31,823	12	2,331	23	90	(200)		248	115,031	209	_	13	_	(115,031)	81,593
(	(7,231)	81,814	28,315	(13,006	) 19,237	68,354	2,779	3,017	952	468	112,160	(1,556)	1,225	115,031	(68,272)	2,096	(3,971)	(4,977)	(119,289)	217,146
		(5.612)																	(4.205)	(0.007)
\$ (	7.231)	(5,612) \$ 76.202 \$	28.315	\$ (13.006	) \$ 19.237	\$ 68.354	\$ 2.779	\$ 3.017	s 952	\$ 468	\$ 112.160	\$ (1.556)	\$ 1.225	\$ 115.031	\$ (68.272)	\$ 2.096	\$ (3.971)	\$ (4.977)	(4,295) \$ (123,584) \$	(9,907) 207.239

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