



## **2014 ANNUAL REPORT**

November 1, 2014

**Rensselaer Polytechnic Institute**

**110 8th Street | Troy, NY 12180-3590 | Troy Bldg 5<sup>th</sup> Floor**

**Phone (518) 276-6119 | Fax (518) 276-8200**

# **Rensselaer Polytechnic Institute**

## **2014 Annual Report**

Dated: November 1, 2014

### **Table of Contents**

---

#### **General Information**

|                   |   |
|-------------------|---|
| Introduction..... | 3 |
| Overview.....     | 3 |
| Governance .....  | 5 |

#### **Operating Information**

|   |    |
|---|----|
| Enrollment and Admissions.....                          | 6  |
| Tuition and Fees.....                                   | 7  |
| Financial Aid.....                                      | 7  |
| Gifts and Endowment; Endowment Spending Allocation..... | 8  |
| Contracts and Grants.....                               | 9  |
| Physical Plant.....                                     | 10 |
| Financial Operations .....                              | 10 |
| Financial Update .....                                  | 11 |
| Outstanding Indebtedness .....                          | 14 |
| Pension Plans .....                                     | 14 |
| Litigation.....   | 14 |

#### **Exhibit to 2014 Annual Report -**

*Combined Financial Statements - For the Years Ended June 30, 2014 and 2013*

# THE INSTITUTE

## General Information

### **Introduction**

This Annual Report is dated November 1, 2014, and contains information through that date. This report constitutes the official disclosure information regarding the financial condition of Rensselaer Polytechnic Institute (“Rensselaer” or the “Institute”). It includes a discussion of recent trends in the areas of enrollment and admissions, tuition and fees, financial aid, gifts and endowment, physical plant, financial operations, government contracts and grants, and outstanding indebtedness. It is also appended with Rensselaer’s audited financial statements for the fiscal years ending June 30, 2014 and 2013, along with a report of the Institute’s independent auditors.

### **Overview**

Rensselaer Polytechnic Institute, a New York education corporation, enrolls 5,400 undergraduates and 1,300 graduate students in residential programs at its Troy, New York campus, while enrolling 188 graduate students at its Hartford, Connecticut campus. The main Troy campus is comprised of five schools: Architecture; Engineering; Humanities, Arts and Social Sciences; Lally School of Management. More than 145 degree programs in nearly 60 fields and over 1,000 courses lead to bachelors, masters, and doctoral degrees in all five schools. Rensselaer’s campus in Hartford, Connecticut focuses on graduate and continuing education, including a professional development program.

As a research university, Rensselaer attracts a faculty whose research programs range from microelectronics to computational modeling and simulation, data science, nanotechnology, biomedical engineering, information technology, advanced materials, environmental studies, lighting, electronic arts, games and simulation arts. Rensselaer focuses on inter-disciplinary research and has made research investments supported by strong industry partnerships in microelectronics, automation, and scientific computation.

Rensselaer is consistently ranked by *U.S. News & World Report* as one of the top 50 national universities in the United States. The 2014 ranking was 42nd among national universities. The Institute's undergraduate engineering program was ranked 31st in the country.

### ***History***

Rensselaer was founded in 1824 in Troy, New York. It is the nation’s oldest English speaking technological research university. The Institute was created with a mission to provide educational opportunities for those “who may choose to apply themselves in the application of science to the common purposes of life.” Rensselaer’s founders believed in “learning by doing, not by telling,” and pioneered the use of the laboratory method of teaching science.

### ***The Rensselaer Plan***

On May 12, 2000, the Rensselaer Board of Trustees unanimously approved The Rensselaer Plan (the “Plan”), a strategic plan that articulated a vision for Rensselaer’s future, as well as the means to achieve it. The Plan sought to build on Rensselaer’s strengths and its distinctive, high quality education, while expanding its research enterprise and cultivating entrepreneurial growth. The overarching goal of the Plan was to enable Rensselaer to achieve greater prominence in the 21st century as a world-class technological research university with global reach and global impact. A refresh of the Rensselaer Plan, Rensselaer 2024, was approved by the Board of Trustees in December 2012. This updated plan will serve as a “strategic roadmap” for Rensselaer in the future.

In accordance with the original Plan, Rensselaer has made over \$725 million in capital investment to provide, enhance, enable, animate and secure the platforms, facilities, and Institute physical infrastructure for student, faculty and staff benefit. Over the past 10 years, Rensselaer has solidified its place among the

important technological universities of the 21st century by investing in world-class faculty, broad-based programs, state-of-the-art research platforms, and strategic partnerships. Over the course of *The Rensselaer Plan* 298 new faculty members have been hired. There have been 46 named chairs appointed, including 14 Constellation Professors, and the hiring of outstanding junior people has revitalized the faculty. Over a decade, 60 faculty have been honored with the prestigious National Science Foundation Career Award.

In addition, over the past twelve years Rensselaer's annual research expenditures, comprised of grants, contracts, corporate support, industry memberships, and foundation support, have increased from \$37 million to \$89 million in fiscal year 2014. We have invested in five signature research thrusts – Biotechnology and the Life Sciences; Computational Science and Engineering; Media Arts, Science, and Technology; Energy, Environment, and Smart Systems; and Nanotechnology and Advanced Materials – areas which intersect decisively with existing Rensselaer research excellence. Rensselaer's newest initiative – The Jefferson Project was launched in June 2013. This initiative brings together expertise in the fields of biology, freshwater ecology, computer science, physics, engineering, cyber-physical systems and environmental advocacy to develop a model that will preserve lakes around the world and secure the global supply of fresh water.

Research platforms have been built in biotechnology (CBIS), computation (CCI), and media and the arts (EMPAC) to enable Rensselaer researchers to think broadly and be intellectual leaders. These platforms have helped to enable Rensselaer to win highly competitive center grants, such as the NSF-funded Nanoscale Science and Engineering Center and the Smart Lighting Engineering Research Center; the U.S. Army-funded Social and Cognitive Networks Academic Research Center; the NIH- and industry-funded Bioengineering Heparin Consortium; the focus on sustainable built environments through the Center for Architecture Science and Ecology; and the New York State-supported New York Center for Astrobiology, the Center for Automation Technologies and Systems, and the Center for Future Energy Systems. In October 2013 Rensselaer unveiled a new petascale supercomputing system, the Advanced Multiprocessing Optimized System, or AMOS. AMOS is the most powerful university based supercomputer in New York state, and among the most powerful in the world.

During 2013 Rensselaer unveiled The Rensselaer Plan 2024 that will continue the transformation of the institute. The revised Plan is evergreen, prepared to grow and evolve, as the Institute grows and evolves. The Rensselaer Plan 2024 moves from transforming Rensselaer to Rensselaer being transformative in the areas of our students lives, innovative pedagogy and the global impact of our research.

### ***Accreditation***

Rensselaer's Troy campus is accredited by the Middle States Commission on Higher Education, the National Architectural Accrediting Board, the Accreditation Board for Engineering and Technology, the American Assembly of Collegiate Schools of Business, and the Committee on Professional Training of the American Chemical Society. Its degree programs are approved by the New York State Department of Education.

Rensselaer at Hartford is accredited by the Middle States Commission on Higher Education, the Office of Financial and Academic Affairs for Higher Education of the State of Connecticut, and the Association to Advance Collegiate Schools of Business.

## **Governance**

The President of Rensselaer is appointed by the Board of Trustees, and as the Chief Executive Officer, is charged with principal responsibility for administration of the Institute. On July 1, 1999, Dr. Shirley Ann Jackson, previously the Chairman of the United States Nuclear Regulatory Commission, became Rensselaer's 18th President. the Institute's executive officers include:

| <b><u>Name:</u></b>        | <b><u>Position:</u></b>  |
|----------------------------|--|
| Shirley Ann Jackson, Ph.D. | President  |
| Prabhat Hajela             | Provost  |
| Claude D. Rounds           | Vice President for Administration                                  |
| Virginia C. Gregg          | Vice President for Finance & Chief Financial Officer               |
| Curtis N. Powell           | Vice President for Human Resources                                 |
| Graig R. Eastin            | Vice President for Institute Advancement                           |
| Jonathan Dordick           | Vice President for Research  |
| Vacant                     | Vice President for Student Life                                    |
| David Brond                | Vice President for Strategic Communications and External Relations |
| Charles F. Carletta        | Secretary of the Institute and General Counsel                     |
| John Kolb                  | Vice President for Information Services and Technology, CIO        |
| Karen Long                 | Acting Vice President for Enrollment                               |

Rensselaer is governed by its self-perpetuating Board of Trustees of no more than 35 members, including the Mayor of the City of Troy as an ex-officio member. Trustees are appointed to four year terms. Although terms are renewable, Trustees may not be re-elected to active status after reaching age 72.

## ***Faculty and Staff***

Rensselaer has a permanent faculty and staff of approximately 420 and 1360 members, at its Troy, New York campus and Hartford, Connecticut campus. Rensselaer's faculty and staff are not represented by any organized labor groups and, therefore, there are no collective bargaining agreements for either faculty or staff.

The faculty at Rensselaer includes National Academy members, society fellows, and recipients of various other awards and distinctions. One of Rensselaer's faculty is a member of the National Academy of Science (NAS). Three of Rensselaer's faculty are members of the National Academy of Engineering (NAE), one of the highest honors accorded an engineer. Academy membership recognizes those who have made important contributions to engineering theory and practice, and those who have demonstrated unusual accomplishment in the pioneering of new and developing fields of technology.

The student to faculty ratio is currently 15 to 1.

## **Operating Information**

### **Enrollment and Admissions**

The following summarizes undergraduate and graduate enrollment, based on headcount:

| <b>Entering<br/>Fall</b> | <b>Undergraduate<br/>Students</b> | <b>Full-Time Graduate<br/>Students</b> | <b>Part-Time<br/>Graduate Students</b> | <b>Others*</b> | <b>Total</b> |
|--------------------------|-----------------------------------|--|--|----------------|--------------|
| 2010                     | 5,348                             | 1,091                                  | 583                                    | 122            | 7,144        |
| 2011                     | 5,240                             | 1,094                                  | 457                                    | 123            | 6,914        |
| 2012                     | 5,300                             | 1,161                                  | 400                                    | 138            | 6,999        |
| 2013                     | 5,379                             | 1,138                                  | 372                                    | 106            | 6,995        |
| 2014                     | 5,557                             | 1,079                                  | 310                                    | 82             | 7,028        |

\* "Others" includes non-matriculated and distance learning students.

The Institute's objective during the Plan is to maintain undergraduate enrollment at approximately 5,400 students and to reduce part-time graduate and other enrollment. In addition, a component of the Plan (complementing the goal of significant growth in research) is to double the number of graduating Ph.D. students within 10 years. As part of this, a major reorientation in graduate program pricing and support strategy occurred in fiscal year 2003, resulting in an expected temporary decline in full-time graduate enrollments and a permanent decline in part-time enrollments. However, while the number of full-time graduate students has declined since 2001, the average number of credit hours carried by each graduate student has increased nearly 60%. This action was planned and the financial implications were expected.

The following table shows freshmen applications received, accepted and enrolled at the Troy campus for the fall semesters of the current and past four years.

| <b>Entering<br/>Fall</b> | <b>Applications</b> | <b>Acceptances</b> | <b>Acceptance<br/>Rate</b> | <b>New<br/>Enrollment</b> | <b>Yield</b> | <b>Mean<br/>SAT</b> |
|--------------------------|---------------------|--------------------|----------------------------|---------------------------|--------------|---------------------|
| 2010                     | 13,465              | 5,381              | 40.0%                      | 1,154                     | 21.0%        | 1359                |
| 2011                     | 14,584              | 5,779              | 39.6%                      | 1,184                     | 20.5%        | 1366                |
| 2012                     | 15,222              | 6,634              | 43.6%                      | 1,326                     | 20.2%        | 1366                |
| 2013                     | 16,150              | 6,654              | 41.2%                      | 1,411                     | 21.2%        | 1376                |
| 2014                     | 18,602              | 6,976              | 37.5%                      | 1,331                     | 19.1%        | 1381                |

Rensselaer's undergraduate enrollment and yield trends reflect the current focus on enhancing the quality and diversity of its student body. Rensselaer also in the last 5-6 years changed its recruiting strategy to broaden its market and to gain introduction to student/parent consideration earlier in the selection process. The results have been positive, with total applications for the incoming fall 2014 at 18,602, a 38% increase over 2010.

At Rensselaer's Troy campus, the student body is comprised of students from 49 states, and 54 foreign countries. In the past seven years Rensselaer's geographic concentration has shifted significantly with our reliance on New York State reducing from 48% in 2003 to 30% in 2014, while the percentage of students

from “Other US” and “International” has increased from 22% to 37% of the student body. A breakdown of major geographic concentration for the Troy campus undergraduate and graduate student body is as follows:

|                   |            |
|-------------------|------------|
| New York          | 30%        |
| New England       | 21%        |
| N.J./Pennsylvania | 12%        |
| Other U.S.        | 21%        |
| International     | 16%        |
| Total             | <hr/> 100% |

Rensselaer fields 23 NCAA intercollegiate teams, including NCAA Division I men’s and women’s hockey teams. The Institute has an active ROTC program and 33 fraternities and sororities. The Rensselaer Union, the home for student government and one of the few student run unions in the Northeast, was formed in 1890. An elected student president, who appoints a twelve member executive board, oversees it. This board manages an \$8.6 million annual budget that co-funds all the athletic programs, as well as 200 athletic, arts, multi-cultural, service, media, entertainment and special interest clubs and organizations.

### **Tuition and Fees**

The following table shows the basic tuition and fees charged to incoming undergraduate students for the current and past four years:

|              | <b>2010-11</b> | <b>2011-12</b> | <b>2012-13</b> | <b>2013-2014</b> | <b>2014-2015</b> |
|--------------|----------------|----------------|----------------|------------------|------------------|
| Tuition      | \$39,600       | \$41,600       | \$43,350       | \$45,100         | \$46,700         |
| Room & Board | \$11,465       | \$11,975       | \$12,450       | \$12,960         | \$13,620         |
| Fees         | \$1,080        | \$1,104        | \$1,125        | \$1,169          | \$1,208          |
| Total        | \$52,145       | \$54,679       | \$56,925       | \$59,229         | \$61,528         |

### **Financial Aid**

Rensselaer administers a substantial student aid program by which approximately 95% of the undergraduate student body receives need-based or merit-based loans and/or scholarships from the Institute or outside sources. The Institute participates in various federal and state programs providing aid to individual students. The federal programs include Perkins, Stafford, Supplemental Educational Opportunity Grants, Pell Grants, College Work Study Programs and VA Programs. The state programs include the New York State Merit Award for Excellence in Academics, the Tuition Assistance Program (TAP), and grants under the Higher Education Opportunity Program. Some students residing outside the state benefit from various loan and grant programs of their states of residence.

Future state and federal aid depends upon the annual appropriations by the New York State Legislature and the United States Congress, respectively, and the ability of the state and the federal governments to pay the amounts appropriated. No assurance can be given that the various federal and state programs will be continued. The reduction or elimination of these programs could have a detrimental effect on the Institute.

The following chart provides an overview of Rensselaer's internally funded undergraduate financial aid for the past five fiscal years (in thousands):

|                            | <u>2009-10</u> | <u>2010-11</u> | <u>2011-12</u> | <u>2012-13</u> | <u>2013-14</u> |
|----------------------------|----------------|----------------|----------------|----------------|----------------|
| Unrestricted Financial Aid | \$85,211       | \$81,960       | \$82,160       | \$87,211       | 94,258         |

### **Gifts and Bequests**

Gifts and bequests received as both cash, in-kind and recordable pledges in the past five fiscal years are noted below (in thousands):

|                        | <u>2009-10</u> | <u>2010-11</u> | <u>2011-12</u> | <u>2012-13</u> | <u>2013-14</u> |
|------------------------|----------------|----------------|----------------|----------------|----------------|
| Unrestricted           | \$22,171       | \$26,075       | \$20,807       | \$19,448       | \$20,119       |
| Temporarily Restricted | 4,615          | 1,070          | \$1,729        | 4,244          | 4,849          |
| Permanently Restricted | 4,910          | 6,940          | \$4,808        | 24,201         | 14,466         |
| Total                  | \$31,696       | \$34,085       | \$27,344       | \$47,893       | \$39,434       |

### **Endowment**

The market value for endowment and funds functioning as endowment as of the end of fiscal years ending June 30, 2010 through 2014 is shown below (in millions). Approximately 45% of these funds are permanently restricted.

| <u>Fiscal Year</u> | <u>Market Value as of June 30</u> | <u>Spending Allocation</u> |
|--------------------|-----------------------------------|----------------------------|
| 2010               | 629.7                             | 51.7                       |
| 2011               | 621.9                             | 48.9                       |
| 2012               | 583.3                             | 39.1                       |
| 2013               | 616.8                             | 37.7                       |
| 2014               | 659.0                             | 40.4                       |



Rensselaer's endowment spending allocation is calculated at a rate of 5% of the five-year rolling average market value of the endowment. The Board has committed to endowment withdrawals, from Board – designated endowment, in excess of the Institute's spending formula, as necessary, to fund investment in Plan initiatives.

The June 30, 2014 market value of all endowment and funds functioning as endowment was invested as follows (in millions):

|                         | Market Value | Percentage |
|-------------------------|--------------|------------|
| US Equity               | \$35,338     | 5.4        |
| Non-US Equity           | \$91,452     | 13.9       |
| Private Equity          | \$133,563    | 20.3       |
| Real Assets             | \$118,955    | 18.0       |
| Marketable Alternatives | \$81,013     | 12.3       |
| Fixed Income            | \$96,755     | 14.7       |
| Cash                    | \$38,869     | 5.9        |
| Perpetual Trusts        | \$63,090     | 9.5        |
| Total                   | \$659,035    | 100.0%     |

The Board of Trustees has overall responsibility regarding all decisions that affect the investment of all funds of the Institute. The Board fulfills its fiduciary obligation by delegating operating and supervisory responsibility to the Investment Committee to oversee the investments of Rensselaer.

## Contracts and Grants

During the fiscal year ended June 30, 2014, the Institute received, through contracts and grants, total revenues of \$89.5 million. This accounted for approximately 22% of the Institute's total operating revenues of \$ 403.5 million for that fiscal year. The Institute received \$18.7 million in indirect costs in fiscal year 2014 and \$ 19.0 million in fiscal year 2013. Indirect costs on government grants and contracts represent the allocation of overhead costs (library, institutional support, departmental administration, operation and maintenance of plant, and building and equipment depreciation) to the projects funded by such grants.

Rensselaer has been awarded approximately \$96.4 million and \$92.5 million of grants and contracts which have not been advanced or expended as of June 30, 2014 and 2013, respectively, and accordingly, not recorded in the attached financial statements.

Rensselaer conducts a significant amount of research funded by outside sponsors, primarily the federal government. The Institute expects that it will continue to receive significant amounts of federal funds supporting research. However, inasmuch as federally sponsored research is obtained through both grants and contracts, it may vary from year to year, and no assurance can be given that it will continue at the levels experienced in recent years.

Revenues received from contracts and grants for fiscal years ending in 2010 through 2014 are shown below (in thousands):

|                    | 2009-10  | 2010-11  | 2011-12  | 2012-13  | 2013-14  |
|--------------------|----------|----------|----------|----------|----------|
| Federal Government | \$55,630 | \$60,728 | \$65,077 | \$63,095 | \$58,826 |
| State Government   | 7,597    | 5,256    | 7,525    | 10,831   | 6,619    |
| Private            | 5,616    | 8,379    | 6,812    | 5,496    | 5,313    |
| Indirect Costs     | 17,576   | 18,424   | 18,817   | 19,046   | 18,720   |
| Total              | \$86,419 | \$92,787 | \$98,331 | \$98,468 | \$89,478 |

### Physical Plant

Rensselaer's 200 academic, residential, and administrative buildings are located on approximately 260 acres in Troy, New York. The Hartford campus consists of a nine story building and adjacent parking garage located on 14 acres in downtown Hartford, Connecticut. In addition, Rensselaer has a wholly owned high technology industrial park on 1,250 acres in North Greenbush, Rensselaer County, New York. At present, over 50 companies with over 1,700 employees occupy the technology park.

Rensselaer's investment in physical plant has grown significantly over the past several years, with net plant assets increasing by over \$214 million since 2006. The following tabulation shows the assets included in physical plant as of each of the previous five fiscal years ended June 30 (in thousands of dollars):

| Fiscal Year | Land   | Buildings | Equipment | Construction<br>in Progress | Accumulated<br>Depreciation | Totals  |
|-------------|--------|-----------|-----------|-----------------------------|-----------------------------|---------|
| 2010        | 29,213 | 861,429   | 222,207   | 13,847                      | (375,040)                   | 751,656 |
| 2011        | 30,748 | 893,960   | 230,020   | 4,731                       | (408,609)                   | 750,850 |
| 2012        | 31,514 | 904,059   | 236,948   | 2,211                       | (441,743)                   | 732,989 |
| 2013        | 31,628 | 909,525   | 231,797   | 4,062                       | (457,762)                   | 719,250 |
| 2014        | 32,633 | 918,670   | 224,724   | 4,456                       | (471,202)                   | 709,281 |

The above amounts shown for physical plant are stated at cost or, in the case of gifts, at market value on the date the gift was received, less accumulated depreciation, computed on a straight line basis over the estimated useful life of the asset.

The Institute currently insures its buildings and contents, exclusive of land, under blanket insurance policies in the total amount of \$1.4 billion. Such insurance provides for 100% of the replacement value of the buildings and contents.

### Financial Operations

As stated previously, the Rensselaer Board of Trustees unanimously approved The Rensselaer Plan (the "Plan") on May 12, 2000. The Plan is long-term in its scope and approach, with the necessary flexibility

to adapt to changing conditions and factors. It also guides Institute decisions and provides the framework for school and divisional “performance plans” that serve as the basis for each year’s operating plan and budget.

With the creation of the Plan and initiation of performance planning, the Institute established a new performance-based operating and comprehensive capital budgeting and reporting process that links directly to the performance plans and allows meaningful assessment of progress against the Plan. For each of the past thirteen fiscal years, the academic schools and administrative divisions have created and implemented performance plans designed to focus on the Plan’s goal of establishing Rensselaer as a top-tier, world class technological research university with global reach and global impact. The Finance Committee of the Board of Trustees monitors the budget process and financial implications, with the full Board approving the annual operating and capital budgets. Rensselaer Plan 2024 will continue this transformation, not only of Rensselaer but also of its influence upon the National and International community.

## **Financial Update**

Fiscal years 2005 through 2009 were peak years of operating investment in Rensselaer Plan activities while the Institute continues to build the foundation for the long-term strategic revenue growth that is intended to sustain a more robust Rensselaer. In order to make these investments while also protecting the core Institute operations, the Board of Trustees authorized funding draws from quasi-endowment in excess of the spending formula. Categories of spending that have been and may potentially be funded by such draws in the future include:

- Investment in new faculty, including start-up packages focused on the research constellations;
- Capital construction and renewal, with emphasis on academic, research and student life facilities;
- Administrative and technical ramp-up for fund-raising; and
- Technological and operational investment to operate over 400,000 square feet in new research and academic space.

Rensselaer’s financial results for fiscal year 2014 reflect strong and continued successful fiscal management. As in previous years, Rensselaer saw continued strength in full time undergraduate and graduate program enrollment, while simultaneously continuing to tightly monitor hiring and spending. While the United States economy continues a slow recovery, at least in terms of a substantial reduction in unemployment and GDP growth, domestic equity markets saw robust growth during fiscal year 2014. Rensselaer’s endowment investments returned +15 percent for the fiscal year, a much stronger rate of return than has been experienced since the onset of the fiscal crisis in 2008. The continued low interest rate environment resulted in a non-operating expense increase for the Rensselaer legacy defined benefit plan, which has been closed to new employees since 1993. However, the related pension plan liability decreased from the prior year as a result of positive plan investment performance of +11.5 percent for the year, as well as \$28 million in institutional contributions.

Operating revenues, decreased 1.1 percent over the prior year. Student related revenues increased 4 percent, reflecting continued robust demand for full time undergraduate and graduate programs. Grant and contract revenue was down 9% year to year. Federal budget realities and the impact of sequestration have had a dampening effect on research proposals, awards and spending for the fiscal year. Operating expenses decreased 1.5 percent, reflecting Rensselaer’s commitment and ability to tightly control operating spending in order to mitigate tuition rate increases.

The financial statements of the Institute are prepared in accordance with the provisions of the *American Institute of Certified Public Accountants Audit and Accounting Guide for Not-for-Profit Organizations*. The financial statements as of June 30, 2014 and 2013 and for the years then ended, have been audited by PricewaterhouseCoopers LLP, independent accountants, as stated in their report appearing herein.

**RENSSELAER POLYTECHNIC INSTITUTE**  
**Combined Statements of Financial Position at June 30, 2009-2014**  
**(In thousands)**

| <u>Assets</u>                                  | 2010<br>(as restated) | 2011<br>(as restated) | 2012             | 2013             | 2014             |
|--|-----------------------|-----------------------|------------------|------------------|------------------|
| Cash and cash equivalents                      | 8,163                 | \$9,014               | 10,224           | 10,359           | 3,311            |
| Accounts receivable, net                       |                       |                       |                  |                  |                  |
| Student related and other                      | 7,293                 | 8,061                 | 5,460            | 3,192            | 3,973            |
| Research and other agreements                  | 25,945                | 28,129                | 22,186           | 14,499           | 14,594           |
| Contributions receivable                       | 31,095                | 24,364                | 16,220           | 22,075           | 7,734            |
| Contr. from external remainder trusts          | 7,948                 | 8,373                 | 8,099            | 8,670            | 14,702           |
| Inventories                                    | 1,889                 | 2,204                 | 1,813            | 1,877            | 1,855            |
| Prepaid expenses and other assets              | 11,729                | 12,609                | 13,305           | 9,315            | 10,928           |
| Deposits with bond trustees                    | 185                   | 10                    |                  |                  |                  |
| Student loans receivable, net                  | 31,165                | 29,366                | 27,339           | 26,851           | 27,915           |
| Collateral Received for Securities<br>Loaned   | 14,815                |                       |                  |                  |                  |
| Investments, at market                         | 636,877               | 627,474               | 587,692          | 616,363          | 665,171          |
| Land, buildings and equipment, net             | 751,656               | 750,850               | 732,989          | 719,250          | 709,281          |
| <b>Total assets</b>                            | <b>1,528,760</b>      | <b>\$1,500,454</b>    | <b>1,425,326</b> | <b>1,432,451</b> | <b>1,459,464</b> |
| Accounts payable and accrued<br>expenses       | 44,238                | 46,504                | 41,940           | 39,378           | 39,163           |
| Split Interest Agreement obligations           | 9,237                 | 9,078                 | 7,091            | 6,933            | 6,633            |
| Deferred revenue                               | 21,362                | 21,083                | 20,709           | 24,342           | 21,569           |
| Short-term portion of long-term debt           | 6,455                 | 8,355                 | 8,434            | 8,799            | 8,944            |
| Deposits                                       | 14,921                | 15,831                | 16,968           | 13,179           | 15,062           |
| Payable for Collateral on Securities<br>Loaned | 14,815                |                       |                  |                  |                  |
| Minimum pension liability                      | 101,087               | 81,981                | 117,795          | 91,069           | 73,840           |
| Accrued postretirement benefits                | 12,164                | 14,082                | 15,864           | 14,658           | 14,475           |
| Refundable government loan funds               | 26,977                | 27,602                | 28,219           | 28,808           | 29,389           |
| Capital Leases                                 | 19,746                | 19,533                | 19,296           | 19,053           | 20,930           |
| Long-term debt                                 | 735,832               | 740,424               | 770,965          | 759,410          | 758,326          |
| <b>Total liabilities</b>                       | <b>1,006,834</b>      | <b>\$984,473</b>      | <b>1,047,280</b> | <b>1,005,629</b> | <b>988,331</b>   |
| Unrestricted                                   | 142,710               | 35,815                | (92,936)         | (77,746)         | (78,026)         |
| Temporarily restricted                         | 85,304                | 171,274               | 160,021          | 165,503          | 185,516          |
| Permanently restricted                         | 293,912               | 308,892               | 310,961          | 339,065          | 363,643          |
| <b>Total net assets</b>                        | <b>521,926</b>        | <b>515,981</b>        | <b>378,046</b>   | <b>426,822</b>   | <b>471,133</b>   |
| <b>Total liabilities and net assets</b>        | <b>1,528,760</b>      | <b>\$1,500,454</b>    | <b>1,425,326</b> | <b>1,432,451</b> | <b>1,459,464</b> |

**RENSSELAER POLYTECHNIC INSTITUTE**
**Condensed Statements of Activities for the year ended June 30, 2009-2014**
**(In thousands)**

| <u>Operating Revenue</u>   | 2010             | 2011             | 2012             | 2013            | 2014            |
|--|------------------|------------------|------------------|-----------------|-----------------|
| Student related revenue, net                                     | 216,584          | 220,354          | 232,524          | 242,321         | 252,283         |
| Gifts  | 25,471           | 26,204           | 22,539           | 23,692          | 24,968          |
| Grants and contracts   | 86,419           | 92,787           | 98,331           | 98,468          | 89,478          |
| Investment return  | 51,707           | 49,727           | 54,104           | 38,850          | 29,454          |
| Rensselaer Technology Park                                       | 4,621            | 3,924            | 4,001            | 4,253           | 4,227           |
| Other  | 7,118            | 7,088            | 3,459            | 547             | 3,111           |
| <b>Total operating revenue</b>                                   | <b>391,920</b>   | <b>\$400,084</b> | <b>414,958</b>   | <b>408,131</b>  | <b>403,521</b>  |
| <u>Operating Expenses</u>  |                  |                  |                  |                 |                 |
| Instruction  | 125,953          | 131,527          | 134,365          | 135,183         | 139,784         |
| Research   | 113,708          | 127,043          | 130,312          | 127,601         | 129,684         |
| Student services   | 20,586           | 22,485           | 22,256           | 22,357          | 22,972          |
| Institutional and academic support                               | 72,581           | 87,016           | 89,827           | 94,093          | 78,377          |
| Externally funded scholarships and<br>Fellowships                | 14,595           | 13,450           | 11,595           | 11,301          | 13,012          |
| Auxiliary services   | 49,244           | 38,951           | 39,231           | 40,908          | 41,496          |
| Rensselaer Technology Park                                       | 7,448            | 7,324            | 6,999            | 6,637           | 6,272           |
| <b>Total operating expenses</b>                                  | <b>404,115</b>   | <b>\$427,796</b> | <b>434,585</b>   | <b>438,080</b>  | <b>431,597</b>  |
| <b>Change in net assets from<br/>operating activities</b>        | <b>(12,195)</b>  | <b>(27,712)</b>  | <b>(19,627)</b>  | <b>(29,949)</b> | <b>(28,076)</b> |
| <u>Non-operating</u>   |                  |                  |                  |                 |                 |
| Realized and unrealized gains, (losses), net                     | 15,402           | (2,700)          | (57,295)         | 16,525          | 60,542          |
| Realized and unrealized losses, Int rate swaps                   | (5,218)          |                  |                  |                 |                 |
| Adjustment for minimum<br>pension liability                      | (11,689)         | 14,156           | (63,983)         | 36,038          | (5,343)         |
| Life income and endowment gifts                                  | 6,225            | 7,885            | 2,540            | 24,201          | 14,905          |
| Change in value of life income contracts                         | 980              | 2,527            | 826              | 2,190           | 2,766           |
| Loss on disposal of fixed assets                                 | (1,420)          | (101)            | (396)            | (229)           | (483)           |
| Loss on debt extinguishment                                      | (4,793)          |                  |                  |                 |                 |
| <b>Change in net assets from<br/>non-operating activities</b>    | <b>(913)</b>     | <b>21,767</b>    | <b>(118,308)</b> | <b>78,725</b>   | <b>72,387</b>   |
| <b>Cumulative effect of a change in<br/>Accounting principle</b> | <b>(13,108)</b>  | <b>(5,945)</b>   | <b>(137,935)</b> | <b>48,776</b>   | <b>44,311</b>   |
| <b>Total change in net assets</b>                                | <b>(13,108)</b>  | <b>(5,945)</b>   | <b>(137,935)</b> | <b>48,776</b>   | <b>44,311</b>   |
| <b>Net assets at beginning of year</b>                           | <b>535,034</b>   | <b>521,926</b>   | <b>515,981</b>   | <b>378,046</b>  | <b>426,822</b>  |
| <b>Net assets at end of year</b>                                 | <b>\$521,926</b> | <b>\$515,981</b> | <b>378,046</b>   | <b>426,822</b>  | <b>471,133</b>  |

(1) The Condensed Statement of Activities represents the aggregate total of unrestricted, temporarily restricted, and permanently restricted activity

## **Outstanding Indebtedness**

As of June 30, 2014, Rensselaer had total outstanding indebtedness in the aggregate principal amount of \$767,270,000 net of bond discount or capitalized issuance costs of \$1.3 million, where applicable. See the attached *Combined Financial Statements For the Years Ended June 30, 2014 and 2013*— Note 8-Bonds and Notes Payable for a more detailed discussion of outstanding indebtedness as of June 30, 2014.

As additional security for certain of its borrowings, Rensselaer has granted a lien on certain real property. Additionally, Rensselaer complies with various covenants as outlined in its borrowing documents. The following summarizes Rensselaer's liens on tangible property related to existing debt as of June 30, 2014:

### **Borrowing**

Department of Education Mortgage Loan

### **Security Interest**

Dormitory project

The Institute estimates total combined liens on tangible property aggregate less than 5% of its total assets.

## **Pension Plans**

Rensselaer employees who meet eligibility requirements may participate in one of two plans. A Defined Benefit Plan covers employees hired prior to July 1, 1993 and who made an election effective June 30, 1993 to remain in this plan (this plan is no longer open to new participants). All eligible employees hired after June 30, 1993 may participate in a Defined Contribution Plan, which was established as of July 1, 1993. Eligible employees of the Rensselaer Hartford Graduate Center may also participate in the Defined Contribution Plan. See the attached *Combined Financial Statements For the Years Ended June 30, 2014 and 2013*— Note 9 -Retirement Plans for detailed information about Rensselaer's retirement plans.

## **Litigation**

There is no litigation pending, or to the knowledge of the Institute threatened, in any court, agency, or other administrative body which would have a material adverse effect on Rensselaer or its operations, properties or financial condition.

**Rensselaer Polytechnic Institute**  
**Consolidated Financial Statements**

**For the Years Ended**  
**June 30, 2014 and 2013**

**Rensselaer Polytechnic Institute**  
**Consolidated Financial Statements**

**For the Years Ended  
June 30, 2014 and 2013**

**Contents**

|   |        |
|---|--------|
| Report of Independent Auditors  | 1      |
| Consolidated Financial Statements   |        |
| Consolidated Statements of Financial Position<br>at June 30, 2014 and 2013          | 2      |
| Consolidated Statement of Activities for the<br>Year Ended June 30, 2014            | 3      |
| Consolidated Statement of Activities for the<br>Year Ended June 30, 2013            | 4      |
| Consolidated Statements of Cash Flows for the<br>Years Ended June 30, 2014 and 2013 | 5      |
| Notes to the Consolidated Financial Statements                                      | 6 - 29 |





## **Independent Auditor's Report**

To The Board of Trustees  
Rensselaer Polytechnic Institute

We have audited the accompanying consolidated financial statements of Rensselaer Polytechnic Institute and Affiliates ("Rensselaer"), which comprise the consolidated statement of financial position as of June 30, 2014 and June 30, 2013 and the related statements of activities and of cash flows for the years then ended.

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

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

### ***Auditor's Responsibility***

Our responsibility is to express an opinion on the consolidated financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to Rensselaer's preparation and fair presentation of the consolidated 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 Rensselaer'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 consolidated 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 consolidated financial statements referred to above present fairly, in all material respects, the financial position of Rensselaer Polytechnic Institute and Affiliates at June 30, 2014 and June 30, 2013, and the results of their changes in net assets and their cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

A handwritten signature in black ink that reads "PricewaterhouseCoopers LLP".

October 24, 2014

**Rensselaer Polytechnic Institute**  
**Consolidated Statements of Financial Position**  
**At June 30, 2014 and June 30, 2013**  
*(in thousands of dollars)*

| <i>Assets</i>   | 6/30/2014           | 6/30/2013           |
|---|---------------------|---------------------|
| Cash and Cash Equivalents                                       | \$ 3,311            | \$ 10,359           |
| Accounts receivable, net  |                     |                     |
| Student related and other                                       | 3,973               | 3,192               |
| Research, training, and other agreements                        | 14,594              | 14,499              |
| Contributions receivable, net                                   | 7,734               | 22,075              |
| Contributions from external remainder trusts                    | 14,702              | 8,670               |
| Inventories   | 1,855               | 1,877               |
| Prepaid expenses and other assets                               | 10,928              | 9,315               |
| Student loans receivable, net                                   | 27,915              | 26,851              |
| Investments, at market - endowment, annuity & life income funds | 665,171             | 616,363             |
| Land, buildings and equipment, net                              | 709,281             | 719,250             |
| <b>Total Assets</b>   | <b>\$ 1,459,464</b> | <b>\$ 1,432,451</b> |
| <i>Liabilities</i>  |                     |                     |
| Accounts payable and accrued expenses                           | \$ 39,163           | \$ 39,378           |
| Short-term borrowings   | 43,950              | 35,900              |
| Split interest agreement obligations                            | 6,633               | 6,933               |
| Deferred revenue  | 21,569              | 24,342              |
| Other liabilities   | 15,062              | 13,179              |
| Pension liability   | 73,840              | 91,069              |
| Accrued postretirement benefits                                 | 14,475              | 14,658              |
| Refundable government loan funds                                | 29,389              | 28,808              |
| Capital leases payable  | 20,930              | 19,053              |
| Long-term debt  | 723,320             | 732,309             |
| <b>Total Liabilities</b>  | <b>988,331</b>      | <b>1,005,629</b>    |
| <i>Net Assets</i>   |                     |                     |
| Unrestricted  | (78,026)            | (77,746)            |
| Temporarily Restricted  | 185,516             | 165,503             |
| Permanently Restricted  | 363,643             | 339,065             |
| <b>Total Net Assets</b>   | <b>471,133</b>      | <b>426,822</b>      |
| <b>Total liabilities and Net Assets</b>                         | <b>\$ 1,459,464</b> | <b>\$ 1,432,451</b> |

**Rensselaer Polytechnic Institute**  
**Consolidated Statement of Activities**  
**For The Year Ended June 30, 2014, with summarized comparative June 30, 2013**  
(in thousands of dollars)

|  | Unrestricted | Temporarily<br>Restricted | Permanently<br>Restricted | Total<br>June 30, 2014 | Total<br>June 30, 2013 |
|--|--------------|---------------------------|---------------------------|------------------------|------------------------|
| <b>Operating Revenue:</b>  |              |                           |                           |                        |                        |
| Student related revenue:   |              |                           |                           |                        |                        |
| Student tuition and fees, net  |              |                           |                           |                        |                        |
| Undergraduate  | \$ 140,964   | \$ -                      | \$ -                      | \$ 140,964             | \$ 134,035             |
| Graduate   | 46,666       | -                         | -                         | 46,666                 | 45,180                 |
| Education for working professionals  | 5,377        | -                         | -                         | 5,377                  | 5,728                  |
| Fees   | 1,702        | -                         | -                         | 1,702                  | 1,467                  |
| Auxiliary services   | 57,574       | -                         | -                         | 57,574                 | 55,911                 |
| Student related revenue  | 252,283      | -                         | -                         | 252,283                | 242,321                |
| Gifts  | 20,119       | 4,849                     | -                         | 24,968                 | 23,692                 |
| Grants and contracts:  |              |                           |                           |                        |                        |
| Direct:  |              |                           |                           |                        |                        |
| Federal  | 58,826       | -                         | -                         | 58,826                 | 63,095                 |
| State  | 6,619        | -                         | -                         | 6,619                  | 10,831                 |
| Private  | 5,313        | -                         | -                         | 5,313                  | 5,496                  |
| Indirect   | 18,720       | -                         | -                         | 18,720                 | 19,046                 |
| Grants and contracts   | 89,478       | -                         | -                         | 89,478                 | 98,468                 |
| Investment return:   |              |                           |                           |                        |                        |
| Dividends and interest   | 3,866        | 3,286                     | 1,482                     | 8,634                  | 5,356                  |
| Realized accumulated gains used to meet spending policy                        | 11,216       | 9,555                     | -                         | 20,771                 | 23,939                 |
| Endowment spending for Rensselaer Plan Initiatives                             | -            | -                         | -                         | -                      | 9,500                  |
| Interest on student loans  | 49           | -                         | -                         | 49                     | 55                     |
| Investment return designated for operations                                    | 15,131       | 12,841                    | 1,482                     | 29,454                 | 38,850                 |
| Rensselaer Technology Park   | 4,227        | -                         | -                         | 4,227                  | 4,253                  |
| Other  | 3,094        | 17                        | -                         | 3,111                  | 547                    |
| Net assets released from restrictions  | 27,446       | (24,628)                  | (2,818)                   | -                      | -                      |
| Total operating revenue  | 411,778      | (6,921)                   | (1,336)                   | 403,521                | 408,131                |
| <b>Operating Expense:</b>  |              |                           |                           |                        |                        |
| Instruction  | 139,784      | -                         | -                         | 139,784                | 135,183                |
| Research:  |              |                           |                           |                        |                        |
| Sponsored  | 106,118      | -                         | -                         | 106,118                | 109,002                |
| Un-sponsored   | 23,566       | -                         | -                         | 23,566                 | 18,599                 |
| Student services   | 22,972       | -                         | -                         | 22,972                 | 22,357                 |
| Institutional and academic support   | 69,186       | -                         | -                         | 69,186                 | 69,111                 |
| Externally funded scholarships and fellowships                                 | 13,012       | -                         | -                         | 13,012                 | 11,301                 |
| Auxiliary services   | 41,496       | -                         | -                         | 41,496                 | 40,908                 |
| Rensselaer Technology Park   | 6,272        | -                         | -                         | 6,272                  | 6,637                  |
| Defined benefit pension and postretirement                                     | 9,191        | -                         | -                         | 9,191                  | 24,982                 |
| Total operating expenses   | 431,597      | -                         | -                         | 431,597                | 438,080                |
| Change in net assets from operating activities                                 | (19,819)     | (6,921)                   | (1,336)                   | (28,076)               | (29,949)               |
| <b>Non-operating:</b>  |              |                           |                           |                        |                        |
| Realized and unrealized gains (losses), net of spending policy and initiatives | 24,589       | 28,247                    | 7,706                     | 60,542                 | 16,525                 |
| Adjustment for pension and postretirement benefits liability                   | (5,343)      | -                         | -                         | (5,343)                | 36,038                 |
| Life income and endowment gifts  | -            | 439                       | 14,466                    | 14,905                 | 24,201                 |
| Change in value of life income contracts                                       | -            | 1,565                     | 1,201                     | 2,766                  | 2,190                  |
| (Loss) Gain on disposal of fixed assets  | (483)        | -                         | -                         | (483)                  | (229)                  |
| Other reclassifications & transfers  | 776          | (3,317)                   | 2,541                     | -                      | -                      |
| Change in net assets from non-operating activities                             | 19,539       | 26,934                    | 25,914                    | 72,387                 | 78,725                 |
| Increase (Decrease) in net assets  | (280)        | 20,013                    | 24,578                    | 44,311                 | 48,776                 |
| Net assets at beginning of year  | (77,746)     | 165,503                   | 339,065                   | 426,822                | 378,046                |
| Net assets at end of year  | \$ (78,026)  | \$ 185,516                | \$ 363,643                | \$ 471,133             | \$ 426,822             |

**Rensselaer Polytechnic Institute**  
**Consolidated Statement of Activities**  
**For The Year Ended June 30, 2013**  
(in thousands of dollars)

|  | <i>Unrestricted</i> | <i>Temporarily<br/>Restricted</i> | <i>Permanently<br/>Restricted</i> | <i>Total<br/>June 30, 2013</i> |
|--|---------------------|-----------------------------------|-----------------------------------|--------------------------------|
| <i>Operating Revenue:</i>  |                     |                                   |                                   |                                |
| Student related revenue:   |                     |                                   |                                   |                                |
| Student tuition and fees, net  |                     |                                   |                                   |                                |
| Undergraduate  | \$ 134,035          | \$ -                              | \$ -                              | \$ 134,035                     |
| Graduate   | 45,180              | -                                 | -                                 | 45,180                         |
| Education for working professionals  | 5,728               | -                                 | -                                 | 5,728                          |
| Fees   | 1,467               | -                                 | -                                 | 1,467                          |
| Auxiliary services   | 55,911              | -                                 | -                                 | 55,911                         |
| Student related revenue  | 242,321             | -                                 | -                                 | 242,321                        |
| Gifts  | 19,448              | 4,244                             | -                                 | 23,692                         |
| Grants and contracts:  |                     |                                   |                                   |                                |
| Direct:  |                     |                                   |                                   |                                |
| Federal  | 63,095              | -                                 | -                                 | 63,095                         |
| State  | 10,831              | -                                 | -                                 | 10,831                         |
| Private  | 5,496               | -                                 | -                                 | 5,496                          |
| Indirect   | 19,046              | -                                 | -                                 | 19,046                         |
| Grants and contracts   | 98,468              | -                                 | -                                 | 98,468                         |
| Investment return:   |                     |                                   |                                   |                                |
| Dividends and interest   | 1,917               | 1,874                             | 1,565                             | 5,356                          |
| Realized accumulated gains used to meet spending policy                        | 11,661              | 12,278                            | -                                 | 23,939                         |
| Endowment spending for Rensselaer Plan Initiatives                             | 9,500               | -                                 | -                                 | 9,500                          |
| Interest on student loans  | 55                  | -                                 | -                                 | 55                             |
| Investment return designated for operations                                    | 23,133              | 14,152                            | 1,565                             | 38,850                         |
| Rensselaer Technology Park   | 4,255               | (2)                               | -                                 | 4,253                          |
| Other  | 497                 | 50                                | -                                 | 547                            |
| Net assets released from restrictions  | 28,190              | (26,326)                          | (1,864)                           | -                              |
| Total operating revenue  | 416,312             | (7,882)                           | (299)                             | 408,131                        |
| <i>Operating Expense:</i>  |                     |                                   |                                   |                                |
| Instruction  | 135,183             | -                                 | -                                 | 135,183                        |
| Research:  |                     |                                   |                                   |                                |
| Sponsored  | 109,002             | -                                 | -                                 | 109,002                        |
| Un-sponsored   | 18,599              | -                                 | -                                 | 18,599                         |
| Student services   | 22,357              | -                                 | -                                 | 22,357                         |
| Institutional and academic support   | 69,111              | -                                 | -                                 | 69,111                         |
| Externally funded scholarships and fellowships                                 | 11,301              | -                                 | -                                 | 11,301                         |
| Auxiliary services   | 40,908              | -                                 | -                                 | 40,908                         |
| Rensselaer Technology Park   | 6,637               | -                                 | -                                 | 6,637                          |
| Defined benefit pension and postretirement                                     | 24,982              | -                                 | -                                 | 24,982                         |
| Total operating expenses   | 438,080             | -                                 | -                                 | 438,080                        |
| Change in net assets from operating activities                                 | (21,768)            | (7,882)                           | (299)                             | (29,949)                       |
| <i>Non-operating:</i>  |                     |                                   |                                   |                                |
| Realized and unrealized gains (losses), net of spending policy and initiatives | 751                 | 12,082                            | 3,692                             | 16,525                         |
| Adjustment for pension and postretirement benefits liability                   | 36,038              | -                                 | -                                 | 36,038                         |
| Life income and endowment gifts  | -                   | -                                 | 24,201                            | 24,201                         |
| Change in value of life income contracts                                       | -                   | 1,298                             | 892                               | 2,190                          |
| (Loss) Gain on disposal of fixed assets  | (229)               | -                                 | -                                 | (229)                          |
| Other reclassifications & transfers  | 398                 | (16)                              | (382)                             | -                              |
| Change in net assets from non-operating activities                             | 36,958              | 13,364                            | 28,403                            | 78,725                         |
| Increase (Decrease) in net assets  | 15,190              | 5,482                             | 28,104                            | 48,776                         |
| Net assets at beginning of year  | (92,936)            | 160,021                           | 310,961                           | 378,046                        |
| Net assets at end of year  | \$ (77,746)         | \$ 165,503                        | \$ 339,065                        | \$ 426,822                     |

**Rensselaer Polytechnic Institute**  
**Consolidated Statements of Cash Flows**  
**For the years ended June 30, 2014 and 2013**  
(in thousands of dollars)

|   | June<br>2014 | June<br>2013 |
|---|--------------|--------------|
| <i>Cash flow from operating activities</i>  |              |              |
| Total change in net assets  | \$ 44,311    | \$ 48,776    |
| Adjustments to reconcile change in net assets to net cash used in operating activities: |              |              |
| Depreciation and amortization   | 32,266       | 31,745       |
| Accretion expense   | 450          | 402          |
| (Gain) loss on disposal of fixed assets   | 483          | 229          |
| Uncollectible contributions writeoff  | 291          | 837          |
| Benefit (provision) for uncollectible accounts and loans                                | (350)        | (316)        |
| Realized and unrealized losses (gains) on investments                                   | (82,964)     | (51,577)     |
| Amortization of Bond Premiums & Discounts   | 380          | 360          |
| Contributions of equipment and other capital items                                      | (560)        | (293)        |
| Receipt of contributed securities   | (2,008)      | (1,410)      |
| Contributions restricted for long term investment                                       | (21,112)     | (18,345)     |
| Contributions from external trusts, net of change in value                              | (6,032)      | (574)        |
| Changes in operating assets and liabilities:  |              |              |
| Accounts receivable   | (948)        | 9,392        |
| Contributions receivable  | 14,341       | (5,855)      |
| Inventories   | 22           | (64)         |
| Prepaid expense and other assets  | (1,933)      | 3,674        |
| Accounts payable and accrued expenses   | (666)        | (2,964)      |
| Pension Liability   | (17,229)     | (26,726)     |
| Present value of split interest agreements, net of terminations                         | 503          | 650          |
| Deferred revenue and other liabilities  | (890)        | (156)        |
| Accrued postretirement benefits   | (183)        | (1,206)      |
| Net cash provided (used) in operating activities  | (41,828)     | (13,421)     |
| <i>Cash flow from investing activities</i>  |              |              |
| Proceeds from sale of investments   | 168,626      | 150,262      |
| Purchase of investments   | (134,989)    | (125,945)    |
| Additional student loans granted  | (5,848)      | (3,948)      |
| Student loans paid  | 4,915        | 4,478        |
| Proceeds from sale of land, building, and equipment                                     | -            | 33           |
| Purchase of land, building and equipment  | (20,045)     | (17,976)     |
| Net cash provided (used) in investing activities  | 12,659       | 6,904        |
| <i>Cash flow from financing activities</i>  |              |              |
| Contributions restricted for long term investment                                       | 23,201       | 18,157       |
| Contributions to Life Income & Annuities  | 438          | 191          |
| Payment of annuity obligations  | (803)        | (808)        |
| Proceeds from loans   | 147,060      | 244,866      |
| Repayment of debt   | (148,356)    | (256,343)    |
| Government loan funds   | 581          | 589          |
| Net cash provided (used) by financing activities  | 22,121       | 6,652        |
| Net increase in cash and cash equivalents   | (7,048)      | 135          |
| Cash and cash equivalents at beginning of the year                                      | 10,359       | 10,224       |
| Cash and cash equivalents at end of year  | \$ 3,311     | \$ 10,359    |
| <i>Non cash investing activities</i>  |              |              |
| Contributed Securities  | \$ 2,008     | \$ 1,410     |
| Real Estate - Capital Lease   | 2,175        | -            |
| Gifts of Equipment and other capital items  | 560          | 293          |
| <i>Supplemental Disclosure</i>  |              |              |
| Cash paid during year for interest  | \$ 39,054    | \$ 39,577    |

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

**(1) ORGANIZATION**

Rensselaer Polytechnic Institute (Rensselaer or The Institute) is a nonsectarian, coeducational institution composed of five schools: Engineering; Science; Architecture; Humanities, Arts, and Social Sciences; and the Lally School of Management & Technology; as well as an interdisciplinary degree in Information Technology. Rensselaer offers more than 145 programs at the bachelor's, master's, and doctoral levels. Students are encouraged to work in interdisciplinary programs that allow them to combine scholarly work from several departments or schools. The Institute provides rigorous, engaging, interactive learning environments and campus-wide opportunities for leadership, collaboration, and creativity. Rensselaer Technology Park is a university related park for technology ventures seeking a unique environment focused on the interface between industry and education.

**(2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

*a) Basis of Presentation and Tax Status*

The financial statement are presented on the accrual basis of accounting in accordance with U.S. generally accepted accounting principles (GAAP) and have been prepared to focus on the Institute as a whole and to present balances and transactions according to the existence or absence of donor-imposed restrictions.

The accompanying financial statements include the Rensselaer Hartford Graduate Center, Inc., a branch of the Institute focused on education for working professionals, which is a separate entity consolidated in the financial statements. Rensselaer and the Center are collectively referred to herein as the Institute. All significant inter-organizational accounts have been eliminated in consolidation.

The Institute is a not-for-profit organization as described in section 501(c)(3) of the Internal Revenue Code, and is generally exempt from income taxes pursuant to the Code. In accordance with accounting standards, the Institute evaluates its income tax status each year.

*b) Net Asset Classification*

The Institute is incorporated in and subject to the laws of New York, which incorporate the provisions outlined in the New York Prudent Management of Institution Funds Act (NYPMIFA.) Under NYPMIFA, the assets of donor-imposed restricted funds may be appropriated by the Institute for expenditure. Net assets having similar characteristics have been classified in the following categories:

- *Permanently restricted net assets* are subject to donor-imposed stipulations that they be maintained permanently or until prudently appropriated by the Board of Trustees of the Institute in accordance with New York State law. Generally, the donors of these assets permit the Institute to use all or part of the investment return on these assets to support program activities, principally financial aid and instruction.
- *Temporarily restricted net assets* used by the Institute are subject to donor-imposed or legal stipulations that can be fulfilled by actions of the Institute pursuant to those stipulations or that expire with the passage of time. Realized and unrealized gains on permanently and temporarily restricted assets are reported as temporarily restricted net assets in accordance with New York State law.
- *Unrestricted net assets* are not subject to donor-imposed stipulations. Unrestricted net assets may be designated for specific purposes by action of the Board of Trustees or may otherwise be limited by contractual agreements with outside parties.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

*c) Statement of Activities*

The Statement of Activities reports changes in net assets from operating and non-operating activities. Operating activities primarily include revenues and expense related to on-going educational and research efforts as well as gifts and net return on the Institute's endowment. Operating net assets released from restrictions include support for such program activities as financial aid and instruction. Contributions with donor-imposed restrictions are reported as temporarily restricted revenues and are reclassified to unrestricted net assets when the donor-imposed restriction is satisfied. Expenses are generally reported as decreases in unrestricted net assets.

Non-operating activities primarily include investment return net of spending, changes in life income and endowment gifts and gain or loss on the disposal of assets or liabilities. Non-operating net assets released from restrictions primarily represent amounts for facilities and equipment. Contributions restricted for the acquisition of land, buildings and equipment and specific programs are reported as temporarily restricted revenues. These contributions are reclassified to unrestricted net assets upon acquisition of the assets or being placed in service. Contributions received of a capital nature, that is, contributions to be used for facilities and equipment or to be invested by the Institute to generate a return that will support operations, are included in non-operating activities.

Revenues are derived from various sources as follows:

- *Student related revenue* includes tuition revenue from undergraduate, graduate, and working professionals, as well as, student fees and auxiliary services. The undergraduate student discount rate was 40.4% and 39.8% for the years ended June 30, 2014 and 2013, respectively.

Student tuition by segment and location is as follows:

|  | 2014              | 2013              |
|--|-------------------|-------------------|
| <b>Undergraduate tuition:</b>                            |                   |                   |
| Troy Campus tuition revenue                              | \$ 233,047        | \$ 218,995        |
| Institutional aid  | (94,258)          | (87,211)          |
| Total undergraduate academic tuition revenue             | 138,789           | 131,784           |
| Summer tuition revenue                                   | 2,175             | 2,251             |
| <i>Total Undergraduate tuition</i>                       | <i>\$ 140,964</i> | <i>\$ 134,035</i> |
| <b>Graduate tuition:</b>                                 |                   |                   |
| Troy Campus tuition revenue                              | \$ 48,639         | \$ 46,828         |
| Institutional aid  | (2,079)           | (2,004)           |
| Total graduate academic tuition revenue                  | 46,560            | 44,824            |
| Summer tuition revenue                                   | 106               | 356               |
| <i>Total Graduate tuition</i>                            | <i>\$ 46,666</i>  | <i>\$ 45,180</i>  |
| <b>Education for working professionals:</b>              |                   |                   |
| Troy Campus  | \$ 1,200          | \$ 817            |
| Hartford Campus  | 4,177             | 4,911             |
| <i>Total Education for working professionals tuition</i> | <i>\$ 5,377</i>   | <i>\$ 5,728</i>   |

- *Contributions* – Contributions, including unconditional promises to give (pledges), are recognized as revenue in the appropriate net asset class in the period received. A pledge is recorded at present value based on an appropriate market rate. Restricted contributions are released to unrestricted net assets when an expense is incurred that satisfies the donor-imposed restriction. Contributions of assets other than cash are recorded at their estimated fair value at the date of gift. Conditional promises to give are not recognized until the conditions on which they depend are substantially met. Additional information can be found in Note 3b.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

- *Government grants and contracts* – The Institute has been awarded approximately \$96,356 and \$92,470 of grants and contracts which have not been advanced or expended as of June 30, 2014 and 2013, respectively, and accordingly, are not recorded in the financial statements.
- *Investment return* - Net appreciation (depreciation) in the fair value of investments, which consists of dividends and interest, realized gains and losses and the unrealized appreciation or depreciation on those investments, is recognized in the Statement of Activities.

*d) Cash and Cash Equivalents*

Cash and cash equivalents include all highly liquid debt instruments with maturity of three months or less when purchased. They are carried at cost, which approximated fair value. Cash that is part of the Institute's investment portfolio is reported as investments and included in Note 5.

*e) Accounts and Notes Receivable*

Accounts and notes receivable include amounts arising from tuition and fees, Rensselaer Technology Park activity and amounts owed on research contracts. They are carried at net realizable value.

*f) Inventories*

Inventories consist mainly of bookstore and computer store goods and maintenance supplies and are stated at the lower of cost or current market value, based upon the first-in, first-out method.

*g) Investments*

The Institute's investments are recorded in the financial statements at fair value. Investment income is recorded on an accrual basis, and purchase and sale transactions are recorded on a trade-date basis. Realized gains and losses are recognized on an average cost basis when securities are sold.

*h) Land, Buildings and Equipment*

Land, buildings and equipment are carried at cost or at the fair value at the date of the gift. Depreciation is computed on a straight-line basis over the estimated useful lives of buildings (50 years) and equipment (3-20 years). All gifts of land, buildings and equipment are recorded as unrestricted operating activity unless explicit donor stipulations specify how the donated assets must be used. Absent explicit donor stipulations about how long those long-lived assets must be maintained, the donor restrictions are reported as being released when the donated or acquired long-lived assets are placed in service. Gifts of land, buildings and equipment with explicit donor stipulations specifying how the assets must be used or how long the assets must be maintained are recorded as temporarily restricted operating activity and reported as being released over the period of time required and be maintained as the assets are used for its specified purpose.

*i) Use of Estimates*

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

*j) Reclassifications*

It is the Institute's policy to reclassify, where appropriate, prior year financial statements to conform to the current year presentation.



**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

**(3) RECEIVABLES**

*(a) Accounts Receivable*

The Institute's receivables are comprised of student related, research, training and other agreements and are reviewed and monitored for aging and collectability on a regular basis. There is also a corresponding allowance for uncollectable accounts at June 30, 2014 and 2013. Accounts receivable from the following sources were outstanding as of June 30:

|   | <b>2014</b> | <b>2013</b> |
|---|-------------|-------------|
| Student related receivables             | \$ 2,487    | \$ 2,802    |
| Research, training and other agreements | 14,936      | 14,841      |
| Rensselaer Technology Park              | 849         | 699         |
| Other                                   | 1,211       | 325         |
| Gross account receivable                | 19,483      | 18,667      |
| Less: allowance for doubtful accounts   | (916)       | (976)       |
| Net accounts receivable                 | \$ 18,567   | \$ 17,691   |

*(b) Contributions receivable*

Contributions receivable are expected to be collected as follows at June 30:

|   | <b>2014</b> | <b>2013</b> |
|---|-------------|-------------|
| Less than one year                        | \$ 1,295    | \$ 11,363   |
| Between one and five years                | 7,266       | 12,236      |
| More than five years                      | 590         | 465         |
| Gross contributions receivable            | 9,151       | 24,064      |
| Less: unamortized discount                | (906)       | (1,320)     |
| Less: allowance for uncollectible amounts | (511)       | (669)       |
| Net contributions receivable              | \$ 7,734    | \$ 22,075   |

Conditional pledges, which are not accrued, approximate \$2,033 at June 30, 2014, of which \$3 was unrestricted as to purpose. The remaining conditional pledges of \$2,030 are restricted to current programs. Bequest expectancies totaling \$104,931 have been also excluded from these amounts and are not recorded in the financial statements. In compliance with donor stipulations related to a \$360,000 transformational gift, revenue is being recognized as periodic cash payments are received. Revenue of \$10,000 related to the transformational gift was recognized in 2014 and 2013, respectively.

*(c) Student Loans receivable*

Student loan programs are funded by many sources, including institutional sources and governmental programs, including the Federal Perkins Loan Program. The amount received from the government's portion of the Perkins loan program are refundable to the federal government and reported as a liability on the Institute's statement of financial position.

The Institute regularly assesses the adequacy of the allowance for credit losses relating to these loans by performing ongoing evaluations of the student loan portfolio, including such factors as the differing economic risks associated with each loan category, the financial condition of specific borrowers, the economic environment in which the borrowers operate, and the level of delinquent loans.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

The following provides enhanced disclosures about the student loan receivables and allowances associated with the institutional and federal loan programs.

|                       | <b>2014</b> |           |                   | <b>2013</b> |           |                   |
|-----------------------|-------------|-----------|-------------------|-------------|-----------|-------------------|
|                       | Receivable  | Allowance | Net<br>receivable | Receivable  | Allowance | Net<br>receivable |
| Institutional loans   | 1,295       | (709)     | 586               | 1,425       | (756)     | 669               |
| Federal loans         | 28,347      | (1,018)   | 27,329            | 27,284      | (1,102)   | 26,182            |
| Total loan receivable | 29,642      | (1,727)   | 27,915            | 28,709      | (1,858)   | 26,851            |

|                                | Institutional | Federal | Total<br>allowance |
|--------------------------------|---------------|---------|--------------------|
| Allowance at beginning of year | (756)         | (1,102) | (1,858)            |
| Current year provisions        | 47            | 84      | 131                |
| Current year write-offs        | -             | -       | -                  |
| Current year recoveries        | -             | -       | -                  |
| Allowance at end of year       | (709)         | (1,018) | (1,727)            |

**(4) SPLIT INTEREST AGREEMENTS**

Split interest gift agreements consist primarily of irrevocable charitable remainder trusts, pooled income funds and charitable gift annuities for which the Institute is the remainder beneficiary. Assets held in these trusts are included in investments and recorded at their fair value when received. The value of split interest assets included in the investments at June 30, 2014 and 2013 were \$19,013 and \$17,490, respectively. Contribution revenues are recognized at the dates the trusts are established net of the liabilities for the present value of the estimated future payments to be made to the donors and/or other beneficiaries. The liabilities are adjusted during the term of the agreements for changes in the value of the assets, accretion of the discount and other changes in the estimates of future benefits. Discount rates range from 1.2% to 10.6%. The liability for the present value of deferred gifts of \$6,633 and \$6,933 at June 30, 2014 and 2013, respectively, is based upon actuarial estimates and assumptions regarding the duration of the agreements and the rates to discount the liability. Circumstances affecting these assumptions can change the estimate of this liability in future periods.

Rensselaer is also beneficiary of certain perpetual trusts held and administered by others. The fair value of these trusts at June 30, 2014 and 2013 was \$63,090 and \$55,867 respectively, and included in the investment balance. The present values of the estimated future cash receipts from the trusts are recognized as contributions from external trusts and contribution revenue at the date Rensselaer is notified of the establishment of the trust. Distributions from the trusts are recorded as investment income in the period they are received and the fair value of the institutions investment of those distributions are disclosed in Note 5. Changes in fair value of the trusts are recorded as gain or loss in permanently restricted net assets.

**(5) INVESTMENTS**

The Institute's investments are overseen by the Investment Committee of the Board of Trustees. In May 2000, Rensselaer's Board of Trustees approved the Rensselaer Plan, a strategic roadmap to achieving greater prominence in the 21<sup>st</sup> century as a top-tier world-class technological research university with global reach and global impact. At that time, the Board committed to endowment withdrawals in excess of Rensselaer's spending formula, as necessary, to fund investment in Plan initiatives. To date, approximately \$634.4 million has been spent or committed for such initiatives, exclusive of capital expenditures.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

The fair value and cost of investments at June 30 is as follows:

|                                 | <b>2014</b> |            | <b>2013</b> |            |
|---------------------------------|-------------|------------|-------------|------------|
|                                 | Fair Value  | Cost       | Fair Value  | Cost       |
| Cash and cash equivalents       | \$ 39,915   | \$ 39,915  | \$ 63,466   | \$ 63,466  |
| Fixed income                    | 72,702      | 70,295     | 61,766      | 61,842     |
| Domestic equity                 | 44,912      | 39,638     | 41,822      | 32,140     |
| Global equity                   | 34,089      | 27,250     | 21,991      | 20,000     |
| Foreign equity                  | 57,363      | 39,087     | 44,885      | 34,884     |
| Real assets                     | 5,375       | 5,062      | 5,108       | 4,981      |
| Marketable alternatives         |             |            |             |            |
| Fixed income                    | 18,554      | 7,476      | 22,240      | 11,286     |
| Multi strategy                  | 81,013      | 54,891     | 76,795      | 60,892     |
| Equity                          | 17,883      | 16,534     | 5,826       | 7,699      |
| Private Investments             |             |            |             |            |
| Fixed income                    | 11,948      | 14,595     | 16,035      | 15,716     |
| Real assets                     | 102,647     | 128,107    | 105,355     | 131,734    |
| Equity                          | 115,680     | 82,827     | 95,207      | 85,373     |
| Subtotal                        | 602,081     | 525,677    | 560,496     | 530,013    |
| Perpetual Trusts held by others | 63,090      | 51,829     | 55,867      | 50,877     |
| Total investments               | \$ 665,171  | \$ 577,506 | \$ 616,363  | \$ 580,890 |

- At June 30, 2014, Rensselaer has committed to investing approximately an additional \$23 million in various equity and real asset partnerships.

*(a) Investment classification descriptions*

**Fixed Income**

This category contains investments in public and non-public fixed income securities, including convertible bonds, corporate bonds, foreign sovereign bonds, high yield bonds, and U.S. government and government sponsored bonds. These investments may be held directly by the Institute, or indirectly through outside managers that the Institute has hired for specific mandates. In addition, they are subject to a variety of liquidity restrictions that normally range from three days to three months.

**Domestic Equity**

This category includes investments in U.S. equities. These investments may be held directly by the Institute, or indirectly through outside managers that the Institute has hired for specific mandates. In addition, they are subject to a variety of liquidity restrictions that normally range from three days to three months.

**Global Equity**

This category contains investments in U.S. and non-U.S. developed market and emerging market equities. These investments may be held directly by the Institute, or indirectly through outside managers that the Institute has hired for specific mandates. In addition, they are subject to a variety of liquidity restrictions that normally range from three days to three months.

**Foreign Equity**

This category contains investments in non-U.S. developed market and emerging market equities. These investments may be held directly by the Institute, or indirectly through outside managers that the Institute has hired for specific mandates. In addition, they are subject to a variety of liquidity restrictions that normally range from three days to three months.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

**Real Assets**

This category contains investments in a U.S. and non-U.S. assets, including real estate, infrastructure, and commodity. These investments may be held directly by the Institute, or indirectly through outside managers that the Institute has hired for specific mandates. In addition, they are long-term in nature and liquidity is asset specific.

**Marketable Alternatives**

This category contains investments in a variety of partnerships and similar entities focused on primarily marketable investments in the U.S and non-U.S. markets. The individual managers utilize a variety of strategies, including distressed, event-driven, long/short, relative value, global macro, and sector specific. Most of these investments have an initial lockup and offer liquidity, thereafter, ranging from thirty days to one year.

**Private Investments**

This category contains investments in U.S. and non-U.S. partnerships and similar entities focused primarily on venture capital investments, buyouts, growth equity, real estate, infrastructure, commodity, and fixed income. The capital commitments made by the Institute are drawn down over time by the manager. As investments mature and/or are realized, distributions are made by the manager to the Institute during the life of the partnership, typically 10 years. The Institute does not have any redemption rights in these investments.

**Perpetual Trusts**

This category includes certain perpetual trusts held and administered by others for which Rensselaer is the beneficiary.

*(b) Spending from Endowment Funds*

Rensselaer has adopted a "total return" policy for endowment spending. This approach considers current yield (primarily interest and dividends) as well as the net appreciation in the market value of investments when determining a spending amount. Under this policy, the Board of Trustees establishes a spending rate which is then applied to the average market value of investments. Current yield is recorded as revenue and the difference between current yield and the spending rate produces the use of realized gains spent under the total return formula.

*(c) Dividends, Interest and Realized and Unrealized Gains and Losses*

Total dividends, interest and realized and unrealized gains (reflected as both operating and non-operating activity) are as follows:

|   | 2014      | 2013      |
|---|-----------|-----------|
| Dividends and interest available for spending | \$ 8,634  | \$ 5,356  |
| Realized gains (loss)                         | 30,734    | 21,548    |
| Unrealized gains (loss)                       | 52,230    | 30,030    |
| <i>Investment return</i>                      | \$ 91,598 | \$ 56,934 |
| Investment Management Fees                    | 1,651     | 1,614     |
| Net Investment Return                         | \$ 89,947 | \$ 55,320 |

*(d) Derivative Financial Instruments*

Investments include derivative financial instruments that have been acquired to reduce overall portfolio risk by hedging exposure to certain assets held in the portfolio. At June 30, 2014, there were no open or unsettled forward exchange contracts.

*(e) Fair Value*

The Institute is permitted under US GAAP to estimate the fair value of an investment at the measurement date using the reported NAV without further adjustment unless the entity expects to sell the investment at a value other than NAV or if the NAV is not calculated in accordance with US GAAP. The Institute's investments in private investments, real assets and marketable alternatives are fair valued based on the most current NAV.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

The Institute performs additional procedures including due diligence reviews on its investments in investment companies and other procedures with respect to the capital account or NAV provided to ensure conformity with US GAAP. The Institute has assessed factors including, but not limited to, managers' compliance with *Fair Value Measurement* standard, price transparency and valuation procedures in place, the ability to redeem at NAV at the measurement date, and existence of certain redemption restrictions at the measurement date.

The three levels are fair value hierarchies are:

- Level 1 - Quoted prices in active markets for identical assets or liabilities. Market price data is generally obtained from exchange or dealer markets.
- Level 2 - Inputs other than Level 1 that are observable, either directly or indirectly, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the same term of the assets or liabilities. Inputs are obtained from various sources including market participants, dealers, and brokers.
- Level 3 - Pricing inputs are unobservable and include situations where there is little, if any, market activity for the investment.

Investments which can be redeemed at NAV by the Institute on the measurement date or in the near term are classified as Level 2. Investments which cannot be redeemed on the measurement date or in the near term are classified as Level 3.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
(dollars in thousands)

The following table presents the financial instruments carried at fair value as of June 30, 2014 and 2013, by caption on the consolidated statement of financial position, based on the valuation hierarchy defined above:

| <b>2014</b>                     |   |   |  |                  |
|---------------------------------|---|---|--|------------------|
|                                 | Quoted prices in<br>active markets<br>Level 1 | Significant<br>other<br>observable<br>Level 2 | Significant<br>unobservable<br>Level 3 | Total Fair Value |
| Cash and cash equivalents       | \$ 39,318                                     | \$ 597  | \$ -                                   | \$ 39,915        |
| Fixed income                    | 30,386  | 42,316  | -                                      | 72,702           |
| Domestic equity                 | 44,851  | -   | 61                                     | 44,912           |
| Global equity                   | 11,054  | 23,035  | -                                      | 34,089           |
| Foreign equity                  | 37,069  | 20,294  | -                                      | 57,363           |
| Real assets                     | -   | -   | 5,375                                  | 5,375            |
| Marketable alternatives         |   |   |  |                  |
| Fixed income                    | -   | 16,282  | 2,272                                  | 18,554           |
| Multi strategy                  | -   | 81,013  | -                                      | 81,013           |
| Domestic equity                 | -   | 17,411  | 472                                    | 17,883           |
| Private investments             |   |   |  |                  |
| Fixed Income                    | -   | -   | 11,948                                 | 11,948           |
| Real assets                     | -   | -   | 102,647                                | 102,647          |
| Equity                          | -   | -   | 115,680                                | 115,680          |
| <i>Subtotal</i>                 | 162,678                                       | 200,948                                       | 238,455                                | 602,081          |
| Perpetual Trusts held by others | -   | -   | 63,090                                 | 63,090           |
| <i>Total investments</i>        | \$ 162,678                                    | \$ 200,948                                    | \$ 301,545                             | \$ 665,171       |

| <b>2013</b>                     |   |  |  |                  |
|---------------------------------|---|--|--|------------------|
|                                 | Quoted prices in<br>active markets<br>Level 1 | Significant other<br>observable<br>Level 2 | Significant<br>unobservable<br>Level 3 | Total Fair Value |
| Cash and cash equivalents       | \$ 63,466                                     | \$ -                                       | \$ -                                   | \$ 63,466        |
| Fixed income                    | 25,140  | 36,626                                     | -                                      | 61,766           |
| Domestic equity                 | 41,762  | 1  | 59                                     | 41,822           |
| Global equity                   | 7,380   | 14,611                                     | -                                      | 21,991           |
| Foreign equity                  | 28,645  | 16,240                                     | -                                      | 44,885           |
| Real assets                     | 2,100   | -  | 3,008                                  | 5,108            |
| Marketable alternatives         |   |  |  |                  |
| Fixed income                    | -   | 19,474                                     | 2,766                                  | 22,240           |
| Multi strategy                  | -   | 76,795                                     | -                                      | 76,795           |
| Domestic equity                 | -   | 4,977                                      | 849                                    | 5,826            |
| Private investments             |   |  |  |                  |
| Fixed Income                    | -   | -  | 16,035                                 | 16,035           |
| Real assets                     | -   | -  | 105,355                                | 105,355          |
| Equity                          | -   | -  | 95,207                                 | 95,207           |
| <i>Subtotal</i>                 | 168,493                                       | 168,724                                    | 223,279                                | 560,496          |
| Perpetual Trusts held by others | -   | -  | 55,867                                 | 55,867           |
| <i>Total investments</i>        | \$ 168,493                                    | \$ 168,724                                 | \$ 279,146                             | \$ 616,363       |

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

Investments included in Level 3 primarily consist of Rensselaer's ownership in alternative investments (principally limited partnership interests in marketable alternatives, private investments, real estate, and other similar funds). The value of certain alternative investments represents the ownership interest in the net asset value (NAV) of the respective partnership and consists of securities that do not have readily determinable fair values. The fair values of the securities held by limited partnerships that do not have readily determinable fair values are determined by the general partner taking into consideration, among other things, the cost of the securities, prices of recent significant placements of securities of the same issuer, and subsequent developments concerning the companies to which the securities relate. The Institute regularly reviews and evaluates the values provided by the investment managers and agrees with the valuation methods and assumptions used in determining the fair value of these investments.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Institute 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.

The following table is a roll-forward of the consolidated statement of financial position amounts at June 30, 2014 and 2013 for financial instruments classified by Rensselaer within Level 3 of the fair value hierarchy defined above:

| Level 3 Investments           | 2014         |                 |                |             |                         |                     |                  |            |
|-------------------------------|--------------|-----------------|----------------|-------------|-------------------------|---------------------|------------------|------------|
|                               | Fixed income | Domestic equity | Foreign equity | Real assets | Marketable alternatives | Private Investments | Perpetual Trusts | Total      |
| Fair value, beginning of year | \$ -         | \$ 59           | \$ -           | \$ 3,008    | \$ 3,615                | \$ 216,597          | \$ 55,867        | \$ 279,146 |
| Realized gains (loss)         | -            | (7)             | -              | -           | 362                     | 12,658              | (1,166)          | 11,847     |
| Unrealized gains (loss)       | -            | 9               | -              | 267         | (402)                   | 21,596              | 8,568            | 30,038     |
| Purchases                     | -            | -               | -              | -           | -                       | 18,255              | 7,008            | 25,263     |
| Sales                         | -            | -               | -              | -           | (830)                   | (38,832)            | (7,187)          | (46,849)   |
| Transfers in/out              | -            | -               | -              | 2,100       | -                       | -                   | -                | 2,100      |
| Fair value, end of year       | \$ -         | \$ 61           | \$ -           | \$ 5,375    | \$ 2,745                | \$ 230,274          | \$ 63,090        | \$ 301,545 |

| Level 3 Investments     | 2013         |                 |                |             |                         |                     |                  |            |
|-------------------------|--------------|-----------------|----------------|-------------|-------------------------|---------------------|------------------|------------|
|                         | Fixed income | Domestic equity | Foreign equity | Real assets | Marketable alternatives | Private Investments | Perpetual Trusts | Total      |
| Fair Value beginning    | \$ -         | \$ 104          | \$ -           | \$ 3,022    | \$ 8,009                | \$ 207,504          | \$ 52,910        | \$ 271,549 |
| Realized gains (loss)   | -            | -               | -              | -           | (2,098)                 | 7,986               | 748              | 6,636      |
| Unrealized gains (loss) | -            | (45)            | -              | (14)        | 3,376                   | 14,372              | 3,229            | 20,918     |
| Purchases               | -            | -               | -              | -           | 57                      | 18,502              | 8,143            | 26,702     |
| Sales                   | -            | -               | -              | -           | (5,827)                 | (32,356)            | (9,163)          | (47,346)   |
| Transfers in/out        | -            | -               | -              | -           | 98                      | 589                 | -                | 687        |
| Fair value, end of year | \$ -         | \$ 59           | \$ -           | \$ 3,008    | \$ 3,615                | \$ 216,597          | \$ 55,867        | \$ 279,146 |

Contributions from external remainder trusts are also classified within Level 3 of the fair value hierarchy defined above. The following table rolls forward the values as of June 30:

|   | 2014      | 2013     |
|---|-----------|----------|
| <b>Level 3 Contributions from external remainder trusts</b> |           |          |
| Fair value, beginning of year                               | \$ 8,670  | \$ 8,099 |
| Realized gains (loss)                                       | -         | -        |
| Unrealized gains (loss)                                     | 705       | 1,009    |
| Purchases / gifts   | 7,564     | -        |
| Sales / settlements   | (2,237)   | (438)    |
| Fair value, end of year                                     | \$ 14,702 | \$ 8,670 |

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

In accordance with currently effective standards updates for estimating fair value of investments, the Institution conducted a review of valuation changes between hierarchies Level 1 and Level 2 occurring during fiscal year 2014 and noted no material valuation changes.

**(6) ENDOWMENT**

Rensselaer's endowment consists of approximately 679 individual donor restricted endowment funds and 83 board-designated endowment funds for a variety of purposes plus assets that have been designated for endowment: pledges receivables, split interest agreements, and other net assets. The endowment includes both donor-restricted endowment funds and funds designated by the Board of Trustees to function as endowments. The net assets associated with endowment funds are classified and reported based on the existence or absence of donor imposed restrictions.

Endowment and similar funds are invested under direction of the Board of Trustees to achieve maximum long-term total return with prudent concern for the preservation of investment capital. All investments of endowment and similar funds are recorded in the statement of financial position as long-term investments, including cash balances held by external investment managers. The fair value of endowment investments (separately invested and pooled) was \$641,474 and \$594,877 as of June 30, 2014 and June 30, 2013, respectively.

Endowment net assets consist of the following at June 30:

| <b>2014</b>                       |                   |                        |                        |           |                |
|-----------------------------------|-------------------|------------------------|------------------------|-----------|----------------|
|                                   | Unrestricted      | Temporarily Restricted | Permanently Restricted | Total     |                |
| True Endowment funds              | \$ 76,541         | \$ 125,422             | \$ 345,511             | \$        | 547,474        |
| Board-designated endowment funds  | 114,948           | -                      | -                      |           | 114,948        |
| <i>Total endowment net assets</i> | <i>\$ 191,489</i> | <i>\$ 125,422</i>      | <i>\$ 345,511</i>      | <i>\$</i> | <i>662,422</i> |

| <b>2013</b>                       |                   |                        |                        |           |                |
|-----------------------------------|-------------------|------------------------|------------------------|-----------|----------------|
|                                   | Unrestricted      | Temporarily Restricted | Permanently Restricted | Total     |                |
| True Endowment funds              | \$ 62,742         | \$ 103,407             | \$ 329,080             | \$        | 495,229        |
| Board-designated endowment funds  | 119,647           | -                      | -                      |           | 119,647        |
| <i>Total endowment net assets</i> | <i>\$ 182,389</i> | <i>\$ 103,407</i>      | <i>\$ 329,080</i>      | <i>\$</i> | <i>614,876</i> |

The unrestricted portion of true endowment funds represent amounts that have been appropriated by the Board of Trustees but not yet drawn from the endowment, net of the effect of underwater endowments.



**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

Changes in endowment net assets as of June 30:

|   | <b>2014</b>  |                        |                        |            |
|---|--------------|------------------------|------------------------|------------|
|   | Unrestricted | Temporarily Restricted | Permanently Restricted | Total      |
| Endowment net assets, beginning of year           | \$ 182,389   | \$ 103,407             | \$ 329,080             | \$ 614,876 |
| Net gifts   | -            | -                      | 6,895                  | 6,895      |
| Yield (dividends and interest)                    | 3,866        | 3,277                  | 1,482                  | 8,625      |
| Investment gains(losses), realized and unrealized | 35,805       | 38,567                 | 7,881                  | 82,253     |
| Reclassification of underwater endowments         | 6,451        | (6,451)                | -                      | -          |
| Reclassifications and other changes               | (1,440)      | 1,415                  | 2,733                  | 2,708      |
| Endowment Additions                               | 44,682       | 36,808                 | 18,991                 | 100,481    |
| Amounts appropriated for expenditure              | 35,582       | 12,832                 | 2,354                  | 50,768     |
| Investment management fees and other expenditures | -            | 1,961                  | 206                    | 2,167      |
| Endowment Deductions                              | 35,582       | 14,793                 | 2,560                  | 52,935     |
| Endowment net assets, end of year                 | \$ 191,489   | \$ 125,422             | \$ 345,511             | \$ 662,422 |

|   | <b>2013</b>  |                        |                        |            |
|---|--------------|------------------------|------------------------|------------|
|   | Unrestricted | Temporarily Restricted | Permanently Restricted | Total      |
| Endowment net assets, beginning of year           | \$ 171,634   | \$ 100,259             | \$ 301,245             | \$ 573,138 |
| Net gifts   | 1            | 14                     | 24,199                 | 24,214     |
| Yield (dividends and interest)                    | -            | 3,773                  | 1,565                  | 5,338      |
| Investment gains(losses), realized and unrealized | 21,526       | 26,129                 | 4,000                  | 51,655     |
| Reclassification of underwater endowments         | 916          | (916)                  | -                      | -          |
| Reclassifications and other changes               | 1,873        | 12                     | (1,179)                | 706        |
| Endowment Additions                               | 24,316       | 29,012                 | 28,585                 | 81,913     |
| Amounts appropriated for expenditure              | 13,561       | 24,060                 | 471                    | 38,092     |
| Investment management fees and other expenditures | -            | 1,804                  | 279                    | 2,083      |
| Endowment Deductions                              | 13,561       | 25,864                 | 750                    | 40,175     |
| Endowment net assets, end of year                 | \$ 182,389   | \$ 103,407             | \$ 329,080             | \$ 614,876 |

On March 8, 2014, the Board of Trustees approved a loan from the endowment in the amount of \$17.2 million. The amount was used to make an additional contribution into the Institute's Defined Benefit Pension Plan. The amount will be repaid to the endowment on or before December 31, 2014.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

Description of Amounts Classified as Permanently Restricted Net Assets and Temporarily Restricted Net Assets at June 30: (Endowments Only)

|  | <b>2014</b>            |                        |
|--|------------------------|------------------------|
| Restricted for                                   | Temporarily Restricted | Permanently Restricted |
| Scholarship support                              | \$ 40,173              | \$ 79,712              |
| Fellowship support                               | 9,341                  | 14,180                 |
| Faculty support                                  | 45,620                 | 64,901                 |
| Program support                                  | 27,936                 | 78,921                 |
| Awards and prizes                                | 2,352                  | 3,509                  |
| Institutional support                            | -                      | 104,288                |
| <i>Permanent and Temporary net asset purpose</i> | <i>\$ 125,422</i>      | <i>\$ 345,511</i>      |

|  | <b>2013</b>            |                        |
|--|------------------------|------------------------|
| Restricted for                                   | Temporarily Restricted | Permanently Restricted |
| Scholarship support                              | \$ 33,816              | \$ 75,833              |
| Fellowship support                               | 7,348                  | 12,661                 |
| Faculty support                                  | 39,368                 | 64,492                 |
| Program support                                  | 20,823                 | 74,344                 |
| Awards and prizes                                | 2,052                  | 3,363                  |
| Institutional support                            | -                      | 98,387                 |
| <i>Permanent and Temporary net asset purpose</i> | <i>\$ 103,407</i>      | <i>\$ 329,080</i>      |

*(a) Interpretation of Relevant Law*

The New York Prudent Management of Institutional Funds Act ("NYPMIFA") became effective on September 17, 2010 and governs the management and investment of funds held by not-for-profit corporations and other institutions. Absent donor stipulations to the contrary, the statutory guidelines contained in NYPMIFA relate to the prudent management, investment and expenditure of donor-restricted endowment funds without regard to the original value of the gifts. However, NYPMIFA contains specific factors that must be considered prior to making investment decisions or appropriating funds for expenditure.

The Board of Trustees' interpretation of its fiduciary responsibilities for donor-restricted endowment funds under New York State's Not-for-Profit Corporation Law, including NYPMIFA, is to preserve intergenerational equity to the extent possible by prudently managing, investing, and spending from the endowment funds. This principle holds that future endowment beneficiaries should receive at least the same level of economic support that the current generation receives. As a result of this interpretation, the Institute classifies as permanently restricted net assets the unappropriated portion of (a) the original value of gifts donated to a true endowment fund, (b) the original value of subsequent gifts to a true endowment fund, and (c) accumulations to a true endowment fund made in accordance with the direction of the applicable donor gift instrument at the time the accumulation is added to the fund. Unspent appropriations related to donor-restricted endowment funds are classified as temporarily restricted net assets until the amounts are expended by the Institute in a manner consistent with the donor's intent. The remaining portion of donor-restricted endowment funds that are not classified as permanently or temporarily restricted net assets are classified as unrestricted net assets.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

The Board of Trustees determines the appropriate amount to withdraw from endowment and similar funds on an annual basis to provide support for operations with prudent concern for the long-term growth in the underlying assets as well as the specific factors detailed in NYPMIFA. The Board-approved spending policy is designed to insulate endowment support for programming from short-term fluctuations in capital markets.

*(b) Endowment Funds with Deficits*

From time to time, the fair value of assets associated with individual donor-restricted endowment funds may fall below the value of the initial and subsequent donor gift amounts (deficit). When donor endowment deficits exist, they are classified as a reduction of unrestricted net assets. Deficits of this nature reported in unrestricted net assets were \$8,740 and \$15,955 as of June 30, 2014 and 2013, respectively. These deficits resulted from unfavorable market fluctuations that occurred shortly after the investment of newly established endowments, and authorized appropriation that was deemed prudent.

*(c) Return Objectives and Risk Parameters*

Rensselaer has adopted endowment investment and spending policies that attempt to provide a predictable stream of funding to programs supported by its endowment while seeking to maintain the purchasing power of endowment assets. Under this policy, the return objective for the endowment assets, measured over a full market cycle, shall be to maximize the return against a blended index, based on the endowment's target allocation applied to the appropriate individual benchmarks. Rensselaer expects its endowment funds over time, to provide an average rate of return of approximately 7.1 percent annually. Actual returns in any given year may vary from this amount.

*(d) Strategies Employed for Achieving Investment Objectives*

To achieve its long-term rate of return objectives, Rensselaer relies on a total return strategy in which investment returns are achieved through both capital appreciation (realized and unrealized gains) and current yield (interest and dividends). Rensselaer targets a diversified asset allocation that places greater emphasis on equity-based investments to achieve its long-term objectives within prudent risk constraints.

*(e) Endowment Spending Policy*

The Board of Trustees of Rensselaer determines the method to be used to appropriate endowment funds for expenditure. Calculations are performed for individual endowment funds at a rate of 5.0 percent of the rolling 20 quarter average market value on a unitized basis one year subsequent to the calculation. The corresponding calculated spending allocations are distributed in equal quarterly installments on the first day of each quarter from the current net total or accumulated net total investment returns for individual endowment funds. In establishing this policy, the Board considered the expected long term rate of return on its endowment.

**(7) LAND, BUILDING, AND EQUIPMENT**

Land, buildings, and equipment consist of the following at June 30:

|                                    | <b>2014</b> | <b>2013</b> |
|------------------------------------|-------------|-------------|
| Land and land improvements         | \$ 32,633   | \$ 31,628   |
| Buildings                          | 918,670     | 909,525     |
| Equipment                          | 224,724     | 231,797     |
| Construction in Progress           | 4,456       | 4,062       |
| Gross land, building and equipment | 1,180,483   | 1,177,012   |
| Less: accumulated depreciation     | (471,202)   | (457,762)   |
| Net land, building and equipment   | \$ 709,281  | \$ 719,250  |

As of June 30, 2014, Rensselaer had \$2,918 of open commitments to contractors for construction on work being performed.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

**(8) BONDS AND NOTES PAYABLE**

The Institute has entered into various debt obligations, all of which are repaid from the general operations of the Institute, as appropriate. Outstanding bonds and notes payable are as follows:

|   | Year of final maturity | Average annual interest rate | Outstanding    |                |
|---|------------------------|------------------------------|----------------|----------------|
|   |                        |                              | 2014           | 2013           |
| U.S. Department of Education Dormitory Bonds and 1988 Mortgage Loan   | 2018                   | 3.00%                        | 776            | 935            |
| Rensselaer County IDA - Industrial Development Facility Issue:        |                        |                              |                |                |
| Series 1997A (note a) - VRD   | 2022                   | 4.34%                        | 6,590          | 7,027          |
| Series 1999A and B (note b) - Fixed                                   | 2030                   | 5.17%                        | 24,361         | 24,339         |
| Series 2006 (note d) - Fixed  | 2036                   | 4.89%                        | 57,730         | 59,221         |
| Troy Industrial Development Authority Civic Facility Issue:           |                        |                              |                |                |
| Series 2002A (note c) - Fixed   | 2015                   | 5.23%                        | 4,344          | 6,534          |
| Series 2002E (note c) - Fixed   | 2037                   | 4.99%                        | 25,000         | 25,000         |
| Series 2010 Rensselaer Taxable Bonds (note g) - Fixed                 | 2021                   | 5.60%                        | 204,787        | 204,757        |
| City of Troy Capital Resource Corporate Series 2010A&B (note f) Fixed | 2040                   | 5.08%                        | 354,732        | 356,246        |
| Senior Note:  |                        |                              |                |                |
| Series 2011A (note h) - Fixed   | 2026                   | 4.35%                        | 40,000         | 40,000         |
| 2009 Whiting Turner Agreement (note e) - Fixed                        | 2015                   | 5.25%                        | 5,000          | 8,250          |
| <i>Total bonds and notes payable</i>                                  |                        |                              | <i>723,320</i> | <i>732,309</i> |

Debt principal outstanding is reflected net of bond discount where applicable in the amount of \$1,296 and \$1,356 at June 30, 2014 and 2013, respectively. Such costs are being amortized on the straight-line method over the term of the related indebtedness.

Long-term debt is collateralized by certain physical properties with a carrying value of \$495 at June 30, 2014 and 2013. At June 30, 2014 and 2013, Rensselaer did not have assets held by trustees for construction, debt service and other project-related expenses.

*Notes to Debt Outstanding*

- (a) On March 12, 1997, Rensselaer entered into an agreement with the Rensselaer County Industrial Development Agency, providing for the issuance of \$13.24 million in variable rate demand (VRD) revenue bonds for the purpose of financing the renovation of three of Rensselaer's buildings and the acquisition of a new student record system. The bonds are subject to a remarketing agreement and bear a variable interest rate that resets weekly, but in no event may exceed 12% per annum. In the event that Rensselaer receives notice of any option tender on its variable-rate-bonds, or if the bonds become subject to mandatory tender, the purchase price of the bonds will be paid from the remarketing of such bonds. However, if the remarketing proceeds are insufficient, Rensselaer will have a general obligation to purchase the bonds tendered pending reissuance under its multimodal provisions.
- (b) On June 30, 1999, Rensselaer entered into an agreement with the Rensselaer County Industrial Development Agency, which provided for the issuance of \$41.11 million in revenue bonds. Proceeds from the issue in the amount of \$24.2

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

million were used for the construction and/or renovation of three buildings, issuance costs, and to legally defease Dormitory Authority Series 1991 Bonds. Interest rates on the bonds range from 4.125% to 5.00%.

- (c) On May 1, 2002, Rensselaer entered into an agreement with the Troy Industrial Development Authority, which provided for the issuance of \$218.875 million in Series 2002 A-E revenue bonds, including \$202.975 million in variable rate mode. The transaction also generated a \$1.125 million premium on the Series 2002A bonds. Proceeds from the issue in the amount of \$203.15 million were utilized for the construction costs of two buildings, related campus-wide infrastructure improvements, issuance costs and to legally defease Dormitory Authority Series 1993 Bonds. On April 20, 2010 Series 2002 B, C and D bonds totaling \$177.975 million were refinanced with Series 2010 A Tax Exempt bonds. On September 1, 2011 Rensselaer remarketed its Series 2002E bonds for \$25 million to convert them from variable rate to fixed rate bonds. Maturities on the bonds range from 2026 to 2037 with a final maturity on April 1, 2037. Interest rates on the bond range from 4.625% to 5.2% and payments are due March 1 and September 1, commencing on March 1, 2012.
- (d) On June 15, 2006, Rensselaer entered into an agreement with the Rensselaer County Industrial Development Agency, which provided for the issuance of \$62.38 million in Series 2006 fixed rate revenue bonds. The weighted average interest rate on the bonds is 4.89%. The transaction generated a \$1.6 million premium. Proceeds from the issue in the amount of \$63.996 million were utilized for the construction costs of one building, related campus-wide infrastructure improvements, and issuance costs.
- (e) On April 24, 2009 Rensselaer entered into an agreement with The Whiting-Turner Contracting Company for a loan not to exceed \$15 million, amortization of which commences January 1, 2011 with a final maturity of December 31, 2015. The note bears interest at Prime plus 2.00% adjusted monthly until April 1, 2011, after which the interest rate became fixed at current Prime plus 2.00% rate until the note matures. The loan is an unsecured obligation of the Institute.
- (f) On April 20, 2010, Rensselaer entered into an agreement with the City of Troy Capital Resource Corporation which provided for the issuance of \$358.810 million in fixed rate revenue bonds, Series 2010A for \$311.63 million and Series 2010B for \$47.18 million. Proceeds from the issuance were used to refinance Series 2002 B, C and D, Series 2007 and Series 2008 A and B bonds as well as paying 2010 termination expenses on several interest rate swap agreements. Interest rates on the bonds range from 5.00% to 5.125%. Maturities on the bonds range from 2012 to 2030 with a final maturity of September 1, 2040. Interest payments are due March 1 and September 1, commencing on September 1, 2010.
- (g) On April 20, 2010, Rensselaer issued Series 2010 Taxable bonds for \$205 million. Proceeds from this issuance were used to pay off various term loans and to pay termination expenses on several interest rate swap agreements. The interest rate on the bonds is 5.60%. Maturity date on the bonds is September 1, 2020. The bonds are an unsecured general obligation of the institute. Interest payments are due March 1 and September 1, commencing on September 1, 2010.
- (h) On September 27, 2011, Rensselaer issued Series 2011 – A Senior Notes pursuant to a note purchase agreement. Proceeds from this \$40 million issuance were applied to the defined benefit pension obligation. The interest on the notes is 4.35%. Final maturity date on the notes is September 1, 2026. Interest payments are due March 1 and September 1, commencing on March 1, 2012. The note is an unsecured obligation of the Institute.
- (i) *Lines of Credit*  
 As of June 30, 2014, Rensselaer had a standby letter of credit with Bank of America totaling \$1,247 for workers compensation insurance security purposes. In addition, Rensselaer had standby letters of credit with Bank of America totaling \$1,440 and \$250 for general liability insurance and professional liability insurance security purposes, respectively, related to current construction projects on the Troy, New York campus. There were no draws against these letters of credit during the fiscal year. Rensselaer also has a mortgage loan guarantee in place for one loan made by HSBC Bank USA in 1996 to finance construction and renovation costs for an on-campus fraternity residential facility. The balance of the mortgage loan, which totaled \$600 at inception, was \$75 and \$120 on June 30, 2014 and 2013, respectively.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

The Institute has an unsecured line of credit with Bank of America valued at \$30 million, with interest calculated on the outstanding balance at a daily rate of term LIBOR plus .95% or at Prime Rate minus 0.50%. There was an outstanding balance of \$23.95 million and \$15.9 million on the line of credit at June 30, 2014 and 2013, respectively. The Institute has an unsecured line of credit with First Niagara Bank valued at \$20 million, with interest calculated on the outstanding balance at a daily rate of term LIBOR plus 1.60%. There was an outstanding balance of \$20 million on the line of credit at June 30, 2014. The Bank of America line has a renewal date of January 15, 2015 and First Niagara line has a renewal date of December 31, 2014.

On August 5, 2014 a Letter of Credit in the amount of \$19.7 million was issued for the Institute by the Bank of America with the Department of Education (DOE) as beneficiary. It was established to satisfy certain DOE financial reporting requirements and has an expiration of October 31, 2015. The issuance of the letter of credit did not affect the availability under the Institute's existing lines of credit.

Principal payments due on all long-term debt as of June 30, 2014 for each of the next five fiscal years are:

| <b>Year</b>                             | <b>Amount</b>           |
|---|-------------------------|
| 2015                                    | 8,944                   |
| 2016                                    | 9,859                   |
| 2017                                    | 9,088                   |
| 2018                                    | 9,539                   |
| 2019                                    | 9,996                   |
| Principal payments thereafter           | 677,190                 |
| Total bonds and notes principal payable | 724,616                 |
| Net discounts                           | (1,296)                 |
| <i>Bonds and notes payable</i>          | <u><u>\$723,320</u></u> |

The fair value of Rensselaer's long-term debt is estimated based upon the amount of future cash flows, discounted using Rensselaer's current borrowing rates for similar debt instruments of comparable maturities. The fair value of long-term debt was approximately \$723,336 and \$732,265 at June 30, 2014 and 2013, respectively.

**(9) RETIREMENT PLANS**

*Defined Benefit Plans*

The following table sets forth Rensselaer's defined benefit and postretirement plans' change in projected benefit obligation, change in plan assets, funded status (the postretirement plans are unfunded) and amounts recognized in Rensselaer's balance sheet at June 30, 2014 and 2013. The defined benefit plan calculations were based upon data as of or projected to June 30, 2014 and 2013. Postretirement benefit plan calculations were based upon data as of July 1, 2013 and 2012. Rensselaer's funding policy is based upon and is in compliance with ERISA requirements.

In fiscal 2014 the Institute changed the amortization period used for actuarial gains and losses. The change in amortization period reflects the fact that greater than 90% of the pension plan participants are now inactive. As a result, the amortization period for gains and losses was changed from the average future service period of active participants to the expected future lifetime of the inactive participants in the plan. The effect of the change will be to reduce the net periodic benefit cost with the offset reflected in non-operating income (expense). There is no impact on the unfunded liability reported on the Statement of Financial Position.

Additionally, the Institute amended its pension plan effective June 30, 2014 to freeze all future benefit accruals for future service of all plan participants. This is treated as a curtailment and has been reflected as such within the footnote disclosures.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

| Change in benefit obligation:          | <i>Defined Benefit</i> |                     | <i>Post-retirement</i> |                    |
|--|------------------------|---------------------|------------------------|--------------------|
|  | <b>2014</b>            | <b>2013</b>         | <b>2014</b>            | <b>2013</b>        |
| Benefit obligation, beginning of year  | \$ (335,385)           | \$ (348,661)        | \$ (14,658)            | \$ (15,864)        |
| Service cost                           | (4,013)                | (4,188)             | (545)                  | (638)              |
| Interest cost                          | (14,658)               | (13,548)            | (553)                  | (549)              |
| Plan participant' contributions        | (156)                  | (171)               | (857)                  | (844)              |
| Amendments/Curtailments/Special        | 2,113                  | -                   | 20                     | -                  |
| Actuarial gain (loss)                  | (24,365)               | 10,450              | 526                    | 1,791              |
| Benefits paid                          | 20,135                 | 18,878              | 1,592                  | 1,446              |
| Administrative expense paid            | 2,369                  | 1,855               | -                      | -                  |
| <i>Benefit obligation, end of year</i> | <i>\$ (353,960)</i>    | <i>\$ (335,385)</i> | <i>\$ (14,475)</i>     | <i>\$ (14,658)</i> |

The accumulated benefit obligation for the defined benefit pension plan was \$353,960 and \$332,722 as of June 30, 2014 and 2013, respectively.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

|  | <i>Defined Benefit</i> |                   | <i>Post-retirement</i> |             |
|--|------------------------|-------------------|------------------------|-------------|
|  | <b>2014</b>            | <b>2013</b>       | <b>2014</b>            | <b>2013</b> |
| Change in plan assets:                     |                        |                   |                        |             |
| Fair value plan assets, beginning of year  | \$ 244,316             | \$ 230,867        | \$ -                   | \$ -        |
| Actual return on plan assets               | 30,153                 | 20,961            | -                      | -           |
| Employer contribution                      | 28,000                 | 13,050            | 735                    | 602         |
| Plan participant' contributions            | 156                    | 171               | 857                    | 844         |
| Benefits paid                              | (20,135)               | (18,878)          | (1,592)                | (1,446)     |
| Administrative expense paid                | (2,369)                | (1,855)           | -                      | -           |
| <i>Fair value plan assets, end of year</i> | <i>\$ 280,121</i>      | <i>\$ 244,316</i> | <i>\$ -</i>            | <i>\$ -</i> |

Funded status and amount recognized in  
the statement of financial position:

|                  |             |             |             |             |
|------------------|-------------|-------------|-------------|-------------|
| <i>Liability</i> | \$ (73,840) | \$ (91,069) | \$ (14,475) | \$ (14,658) |
|------------------|-------------|-------------|-------------|-------------|

Amounts recognized in unrestricted net assets:

|                                 |                     |                     |                   |                   |
|---------------------------------|---------------------|---------------------|-------------------|-------------------|
| Net prior service cost (credit) | \$ -                | \$ -                | \$ (872)          | \$ (997)          |
| Net actuarial (gain) loss       | (163,686)           | (158,118)           | (2,113)           | (1,742)           |
| <i>Unrestricted net assets</i>  | <i>\$ (163,686)</i> | <i>\$ (158,118)</i> | <i>\$ (2,985)</i> | <i>\$ (2,739)</i> |

Other changes in plan assets and benefit  
obligations recognized in unrestricted  
net assets:

|   |                 |                    |                 |                   |
|---|-----------------|--------------------|-----------------|-------------------|
| (Gain) loss from curtailment                              | \$ (2,113)      | \$ -               | \$ -            | \$ -              |
| New net actuarial (gain) loss                             | 13,966          | (11,816)           | (526)           | (1,791)           |
| Amortization of:  |                 |                    |                 |                   |
| Prior service (cost) credit                               | -               | (45)               | 146             | 143               |
| Actuarial gain (loss)                                     | (6,285)         | (22,559)           | 155             | 28                |
| <i>Total recognized in non-operating (income) expense</i> | <i>\$ 5,568</i> | <i>\$ (34,420)</i> | <i>\$ (225)</i> | <i>\$ (1,620)</i> |

Net periodic benefit cost is included in the  
following components:

|   |                 |                  |               |                 |
|---|-----------------|------------------|---------------|-----------------|
| Service cost                              | \$ 4,013        | \$ 4,188         | \$ 545        | \$ 638          |
| Interest cost                             | 14,658          | 13,548           | 553           | 549             |
| Expected return on plan assets            | (19,754)        | (19,595)         | -             | -               |
| Amortization of:                          |                 |                  |               |                 |
| Prior service cost (credit)               | -               | 45               | (146)         | (143)           |
| Actuarial (gain) loss                     | 6,285           | 22,559           | (155)         | (28)            |
| <i>Net periodic benefit cost (income)</i> | <i>\$ 5,202</i> | <i>\$ 20,745</i> | <i>\$ 797</i> | <i>\$ 1,016</i> |

The amounts of net losses in unrestricted net assets expected to be recognized as components of the net periodic benefit cost in fiscal year ending June 30, 2015 are \$6,919 and \$221 for the defined pension plan and postretirement plan, respectively.



**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

The following are expected future benefit payments:

| <u>Fiscal year ending:</u> | <u>Defined Benefit</u> | <u>Post-retirement</u> |
|----------------------------|------------------------|------------------------|
| 2015                       | 21,814                 | 987                    |
| 2016                       | 22,109                 | 1,027                  |
| 2017                       | 22,594                 | 983                    |
| 2018                       | 22,791                 | 1,081                  |
| 2019                       | 22,968                 | 1,153                  |
| 2020-2022                  | 114,876                | 6,256                  |

The weighted average rates forming the basis of net periodic benefit cost and amounts recognized in Rensselaer's statement of financial position at June 30 were:

| <u>Benefit obligations:</u>           | <u>2014</u> | <u>2013</u> | <u>2014</u> | <u>2013</u> |
|---------------------------------------|-------------|-------------|-------------|-------------|
| Discount Rate                         | 4.00%       | 4.50%       | 3.66%       | 4.23%       |
| Expected return on plan assets        | 7.75%       | 7.75%       | -           | -           |
| Rate of compensation increase         | 4.00%       | 4.00%       | -           | -           |
| <br><i>Net periodic benefit cost:</i> |             |             |             |             |
| Discount Rate                         | 4.50%       | 4.00%       | 4.23%       | 3.79%       |
| Expected return on plan assets        | 7.75%       | 7.75%       | -           | -           |
| Rate of compensation increase         | 4.00%       | 4.00%       | -           | -           |

For measurement purposes, a 7.0 percent annual rate of increase in the per capita cost of covered pre-65 medical, post-65 medical benefits and a 6.0 percent annual rate of increase in prescription drug benefits, respectively, was assumed for fiscal year 2015. These rates were assumed to decrease gradually to 5 percent for fiscal year 2023 and remain at that level thereafter. A plan amendment established a maximum of \$85 per month for retired employees who retire after normal retirement age. Once Rensselaer's share of medical premiums for Medicare eligible retirees reaches the \$85 per month maximum, the health care cost trend rate will no longer have any effect except for grandfathered participants not subject to the cap and pre-65 coverage.

Assumed health care cost trend rates have a significant effect on the amounts reported for the postretirement benefit. A one-percentage point change in the health care cost trend rates would have the following effects:

|   | <u>1-Percentage<br/>point increase</u> | <u>1-Percentage<br/>point decrease</u> |
|---|--|--|
| Effect on total of service and interest cost components | 76                                     | (67)                                   |
| Effect on postretirement benefit obligation             | 710                                    | (636)                                  |

*Defined Benefit Plan*

In the aggregate, Rensselaer's Defined Benefit Plan will be invested to ensure solvency of the plan over its remaining life and to meet pension obligations as required. A secondary goal is to earn the highest net rate of return within prudent risk limits to ensure the achievement of the primary goal.

*Defined Contribution Plan*

Rensselaer and the Center also have non-contributory Defined Contribution Plans open to full-time employees who have met minimum service requirements. Contributions to these plans (8% of employee salary) were \$8,510 and \$8,391 in fiscal 2014 and 2013, respectively.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

*Plan Investments*

The Plan investments have been accounted for in accordance with the fair value measurement standard as described in Note 5. Full disclosures surrounding the descriptions of major investment categories and fair value requirements can also be found in Note 5.

The fair values of Rensselaer's pension plan assets at June 30 by asset category are as follows:

|                                  | <b>2014</b>                                   |  |  |                   |
|----------------------------------|---|--|--|-------------------|
|                                  | Quoted prices in<br>active markets<br>Level 1 | Significant other<br>observable<br>Level 2 | Significant<br>unobservable<br>Level 3 | Total Fair Value  |
| Cash and cash equivalents        | \$ 9,978                                      | \$ -                                       | \$ -                                   | \$ 9,978          |
| Fixed income                     | 80,657  | -  | -                                      | 80,657            |
| Domestic equity                  | 52,085  | -  | -                                      | 52,085            |
| Foreign equity                   | 27,044  | -  | -                                      | 27,044            |
| Insurance contracts              | -   | 3,168                                      | -                                      | 3,168             |
| Marketable alternatives          |   |  |  |                   |
| Fixed income                     | -   | 11,680                                     | 2,810                                  | 14,490            |
| Other strategies                 | -   | 16,875                                     | -                                      | 16,875            |
| Equity                           | -   | 8,940                                      | 18                                     | 8,958             |
| Private investments              |   |  |  |                   |
| Fixed income                     | -   | -  | 16,854                                 | 16,854            |
| Real assets                      | -   | -  | 34,954                                 | 34,954            |
| Equity                           | -   | -  | 15,058                                 | 15,058            |
| <i>Total pension investments</i> | <i>\$ 169,764</i>                             | <i>\$ 40,663</i>                           | <i>\$ 69,694</i>                       | <i>\$ 280,121</i> |

|                                  | <b>2013</b>                                   |   |  |                   |
|----------------------------------|---|---|--|-------------------|
|                                  | Quoted prices in<br>active markets<br>Level 1 | Significant<br>other<br>observable<br>Level 2 | Significant<br>unobservable<br>Level 3 | Total Fair Value  |
| Cash and cash equivalents        | \$ 21,024                                     | \$ 4,295                                      | \$ -                                   | \$ 25,319         |
| Fixed income                     | 24,744  | 34,607  | -                                      | 59,351            |
| Domestic equity                  | 23,612  | -   | -                                      | 23,612            |
| Foreign equity                   | 14,327  | 8,074   | -                                      | 22,401            |
| Real assets                      | -   | 3,527   | -                                      | 3,527             |
| Marketable alternatives          |   |   |  |                   |
| Fixed income                     | -   | 17,794  | -                                      | 17,794            |
| Other strategies                 | -   | 15,366  | -                                      | 15,366            |
| Equity                           | -   | -   | 3,644                                  | 3,644             |
| Private investments              |   |   |  |                   |
| Fixed income                     | -   | -   | 19,833                                 | 19,833            |
| Real assets                      | -   | -   | 36,952                                 | 36,952            |
| Equity                           | -   | -   | 16,517                                 | 16,517            |
| <i>Total pension investments</i> | <i>\$ 83,707</i>                              | <i>\$ 83,663</i>                              | <i>\$ 76,946</i>                       | <i>\$ 244,316</i> |

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

The following table is a roll-forward of the pension plan assets at June 30 within Level 3:

| <b>2014</b>                        |              |             |                         |                     |           |  |
|------------------------------------|--------------|-------------|-------------------------|---------------------|-----------|--|
| <b>Level 3 Pension Investments</b> | Fixed income | Real assets | Marketable alternatives | Private investments | Total     |  |
| Fair value, beginning of year      | \$ -         | \$ -        | \$ 3,644                | \$ 73,302           | \$ 76,946 |  |
| Realized gains (loss)              | -            | -           | -                       | 2,682               | 2,682     |  |
| Unrealized gains (loss)            | -            | -           | 558                     | (566)               | (8)       |  |
| Purchases                          | -            | -           | -                       | 2,252               | 2,252     |  |
| Sales                              | -            | -           | (1,373)                 | (10,805)            | (12,178)  |  |
| Transfers in/out                   | -            | -           | -                       | -                   | -         |  |
| Fair value, end of year            | \$ -         | \$ -        | \$ 2,829                | \$ 66,865           | \$ 69,694 |  |

| <b>2013</b>                        |              |             |                         |                     |           |  |
|------------------------------------|--------------|-------------|-------------------------|---------------------|-----------|--|
| <b>Level 3 Pension Investments</b> | Fixed income | Real assets | Marketable alternatives | Private investments | Total     |  |
| Fair value, beginning of year      | \$ 3,320     | \$ -        | \$ 7,021                | \$ 76,889           | \$ 87,230 |  |
| Realized gains (loss)              | 318          | -           | (1,568)                 | 2,630               | 1,380     |  |
| Unrealized gains (loss)            | (320)        | -           | 1,471                   | 1,843               | 2,994     |  |
| Purchases                          | -            | -           | -                       | 5,751               | 5,751     |  |
| Sales                              | (3,318)      | -           | (837)                   | (14,105)            | (18,260)  |  |
| Transfers in/out                   | -            | -           | (2,443)                 | 294                 | (2,149)   |  |
| Fair value, end of year            | \$ -         | \$ -        | \$ 3,644                | \$ 73,302           | \$ 76,946 |  |

The Plan contains features that allow participants to have a percentage of their benefits fluctuate based on the return of an S&P 500 index account. Rensselaer maintains assets in that index fund to hedge those liabilities that are not part of the above asset allocation.

Rensselaer's expected contributions for fiscal year ending June 30, 2015 are \$10,500 and \$987 to the defined pension plan and postretirement plan, respectively.

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

**(10) NATURAL EXPENSE CLASSIFICATION**

The following table compares expenses by type for the years ended June 30, 2014 and 2013, respectively:

|  | <b>2014</b>       | <b>2013</b>       |
|--|-------------------|-------------------|
| Salaries and wages                           | \$ 164,700        | \$ 162,325        |
| Employee benefits excluding retirement       | 27,713            | 27,577            |
| Retirement plan expense                      | 14,510            | 29,548            |
| Employee benefits total                      | 42,223            | 57,125            |
| Total compensation                           | 206,923           | 219,450           |
| Supplies and services                        | 71,507            | 70,264            |
| Utilities                                    | 10,813            | 9,819             |
| Employee travel                              | 6,789             | 7,030             |
| Taxes and insurance                          | 6,477             | 5,917             |
| Telecommunications                           | 189               | 199               |
| Library materials                            | 2,330             | 2,440             |
| Interest on debt                             | 39,406            | 39,810            |
| Depreciation and amortization                | 32,265            | 31,745            |
| Student aid and fellowships                  | 49,442            | 45,239            |
| Operating lease agreements                   | 5,322             | 5,066             |
| Provision for uncollectible accounts         | 134               | 1,101             |
| Total non-salary                             | 224,674           | 218,630           |
| <i>Total expenses by functional category</i> | <i>\$ 431,597</i> | <i>\$ 438,080</i> |

**(11) COMMITMENTS AND CONTINGENCIES**

In the normal course of business, the Institute has been named a defendant in various claims. Although there can be no assurance as to the eventual outcome of litigation in which Rensselaer has been named, in the opinion of management such litigation will not, in the aggregate, have a material adverse effect on Rensselaer's financial position.

*Guarantee*

During 2012, the Institute entered into a guarantee agreement with an apartment complex, adjacent to campus, for 100% of the lease revenue for the ten year period ending June 2022. The guarantee was provided in consideration for exclusive RPI student leasing rights. The gross rental value for the remaining eight years at June 30, 2014 is \$7,707.

*Leases*

At June 30, 2014, the minimum annual commitments under capital and operating leases for real property and equipment are as follows:

**Rensselaer Polytechnic Institute**  
**Notes to the Consolidated Financial Statements**  
**For the Years Ended June 30, 2014 and June 30, 2013**  
**(dollars in thousands)**

|  | <b>Operating leases</b> | <b>Capital leases</b> |
|--|-------------------------|-----------------------|
| 2015   | 2,482                   | 1,567                 |
| 2016   | 2,364                   | 1,584                 |
| 2017   | 2,008                   | 1,605                 |
| 2018   | 1,720                   | 1,605                 |
| 2019   | 1,556                   | 1,613                 |
| Thereafter                                     | 17,615                  | 31,472                |
| Total leases                                   | \$ 27,745               | 39,446                |
| Less: amount representing interest             |                         | (18,516)              |
| <i>Present value of minimum lease payments</i> |                         | \$ 20,930             |

**(12) ASSET RETIREMENT OBLIGATIONS**

The following is a summary of the asset retirement obligation which is included in accounts payable and accrued expenses:

| <i>Change in asset retirement obligation:</i>   | <b>2014</b> | <b>2013</b> |
|---|-------------|-------------|
| Asset retirement obligation, beginning of year  | \$ 9,304    | \$ 8,902    |
| Accretion expense                               | 450         | 402         |
| Less: disposals and remediations                | (36)        | -           |
| <i>Asset retirement obligation, end of year</i> | \$ 9,718    | \$ 9,304    |

**(13) SUBSEQUENT EVENTS**

There were no subsequent events through October 17, 2014, the date on which the consolidated financial statements were available for issuance.