# County Employees' and Officers' Annuity and Benefit Fund of Cook County <br> (A Component Unit of Cook County, Illinois) 

FInANCIAL STATEMENTS
DECEMBER 31, 2014 AND 2013

# County Employees' and Officers' Annuity and Benefit Fund of Cook County 

Financial Statements with Supplementary Information

DECEMBER 31, 2014 AND 2013

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# County Employees' and Officers' Annuity and Benefit Fund of Cook County 

## Financial Statements with Supplementary Information

December 31, 2014 and 2013

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## Report of Independent Auditors

To the Board of Trustees of
County Employees' and Officers' Annuity
and Benefit Fund of Cook County

## Report on the Financial Statements

We have audited the accompanying financial statements of County Employees' and Officers' Annuity and Benefit Fund of Cook County (the Plan), a component unit of Cook County, Illinois, which comprise the combining statements of pension plan fiduciary net position and postemployment healthcare plan net position as of December 31, 2014 and 2013, and the related combining statements of changes in pension plan fiduciary net position and postemployment healthcare plan net position for the years then ended, and the related notes to the financial statements, which collectively comprise the Plan's basic financial statements.

## Management's Responsibility for the Financial Statements

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

## Auditors' Responsibility

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

An audit includes performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Plan's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. 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 financial statements.

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

## Opinion

In our opinion, the financial statements referred to in the first paragraph present fairly, in all material respects, the plan net position of County Employees' and Officers' Annuity and Benefit Fund of Cook County as of December 31, 2014 and 2013, and the changes in plan net position for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

## Emphasis of Matter

As discussed in Note 1, the Plan implemented GASB Statement No. 67, Financial Reporting for Pension Plans. As a result, the financial statements now include substantially different note disclosures and required supplementary information. Our opinion is not modified with respect to this matter.

## Other Matters

## Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis on pages 4 through 4 f and the required supplementary information on pages 27 through 32 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquires of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

## Supplementary Information

Our audits were conducted for the purpose of forming an opinion on the Plan's basic financial statements as a whole. The accompanying supplementary information on pages 33 through 37 is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audits of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the basic financial statements as a whole.

## Other Matters (continued)

Previously Audited Information
We also have previously audited the basic financial statements for the years ended December 31, $2012,2011,2010$, and 2009 (which are not presented herein), and we expressed unmodified opinions on those financial statements. In our opinion, the information on page 36 is fairly stated in all material respects in relation to the basic financial statements from which it has been derived.

Legacy Professioxala LLP
Chicago, Illinois
October 2, 2015

# County Employees' and Officers' Annuity and Benefit Fund of Cook County 

## Management's Discussion and Analysis (Unaudited)

This section presents Management's Discussion and Analysis of the financial position and performance of the County Employees' and Officers' Annuity and Benefit Fund of Cook County (Plan) for the years ended December 31, 2014 and 2013. This discussion is presented as an overview of the financial activities of the Plan and should be read in conjunction with the Plan's financial statements.

## Overview of the Basic Financial Statements

The following discussion and analysis is intended to serve as an introduction to the Plan's basic financial statements. The financial statements are prepared on an economic sources focus and accrual basis of accounting in accordance with Governmental Accounting Standards Board (GASB) pronouncements. The basic components of the financial package are described below:

Combining Statements of Pension Plan Fiduciary Net Position and Postemployment
Healthcare Plan Net Position provides a snapshot of account balances and net position held in trust for future benefit payments and any liabilities as of the Plan's year end. Over time increases and decreases in net position may serve as a useful indicator of whether the financial position of the Plan is improving or deteriorating.

Combining Statements of Changes in Pension Plan Fiduciary Net Position and Postemployment Healthcare Plan Net Position shows the revenues (additions) and expenses (deductions) during the year, where additions less deductions equal net increase (decrease) in net position. The net increase (decrease) in net position reports the change in net position as reported in the combining Statements of Changes in Pension Plan Fiduciary Net Position and Postemployment Healthcare Plan Net Position of the prior year and the current year.

Notes to the Financial Statements provides additional information that is essential to achieving a better understanding of the data provided in the basic financial statements.

Required Supplementary Information provides schedules and related notes concerning actuarial information, funding progress and employer contributions.

Supplementary Information includes schedules of net administrative expenses, professional and consulting fees, investment expenses, additions by source, deductions by type and employer contributions receivable.

## Financial Highlights

Net position increased by $\$ 141,032,124$ or $1.6 \%$ from $\$ 8,927,366,656$ at December 31, 2013 to $\$ 9,068,398,780$ at December 31, 2014. Comparatively, net position increased by $\$ 867,431,028$ or $10.8 \%$ from $\$ 8,059,935,628$ at December 31, 2012 to $\$ 8,927,366,656$ at December 31, 2013. The change in net position for both years was primarily due to the increase in the fair market value of the investments.

The rate of return of the Plan's investment portfolio was $5.9 \%$ for $2014,15.1 \%$ for 2013 and $12.5 \%$ for 2012.

## Net Position

The condensed Combining Statements of Pension Plan Fiduciary Net Position and Postemployment Healthcare Plan Net Position reflects the resources available to pay benefits to members. A summary of the Combining Statements of Pension Plan Fiduciary Net Position and Postemployment Plan Net Position is as follows:

|  | Plan Net Position As of December 31, |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\underline{2014}$ |  | $\underline{2013}$ |  | $\underline{2012}$ |  | Current Year Increase in |  |  |
|  |  |  |  | Dollars |  |  | Percent |
| Total assets | \$ | 10,527,247,093 |  |  | \$ | 10,317,067,570 |  | 8,660,955,128 | \$ | 210,179,523 | 2.0\% |
| Total liabilities |  | 1,458,848,313 |  | 1,389,700,914 |  | 601,019,500 |  | 69,147,399 | 5.0\% |
| Net position | \$ | 9,068,398,780 | \$ | 8,927,366,656 |  | 8,059,935,628 | \$ | 141,032,124 | 1.6\% |

## Changes in Plan Net Position

The condensed Combining Statements of Changes in Pension Plan Fiduciary Net Position and Postemployment Healthcare Plan Net Position reflects the changes in the resources available to pay benefits to members. A summary of the Combining Statements of Changes in Pension Plan Fiduciary Net Position and Postemployment Healthcare Plan Net Position is as follows:

## Changes in Plan Net Position For the Years Ended December 31,

|  | $\underline{2014}$ |  | $\underline{2013}$ |  | $\underline{2012}$ |  | Current Year <br> Increase/(Decrease) in |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Dollars |  |  | Percent |
| Additions: |  |  |  |  |  |  |  |  |  |
| Employer contributions | \$ | 190,032,872 |  |  | \$ | 187,817,644 | \$ | 190,720,776 | \$ | 2,215,228 | 1.2\% |
| Employee contributions |  | 129,325,318 |  | 127,593,220 |  | 128,869,508 |  | 1,732,098 | 1.4\% |
| Investment income (includes security |  |  |  |  |  |  |  |  |  |
| lending activities) |  | 488,890,897 |  | 1,179,440,119 |  | 887,687,519 |  | $(690,549,222)$ | -58.5\% |
| Other |  | 9,742,062 |  | 8,547,729 |  | 10,190,689 |  | 1,194,333 | 14.0\% |
| Total additions |  | 817,991,149 |  | 1,503,398,712 |  | 1,217,468,492 |  | $(685,407,563)$ | -45.6\% |
| Deductions: |  |  |  |  |  |  |  |  |  |
| Benefits |  | 645,601,458 |  | 601,770,020 |  | 561,391,035 |  | 43,831,438 | 7.3\% |
| Refunds |  | 26,347,361 |  | 29,873,030 |  | 33,081,726 |  | $(3,525,669)$ | -11.8\% |
| Administrative expenses |  | 5,010,206 |  | 4,324,634 |  | 4,303,353 |  | 685,572 | 15.9\% |
| Total deductions |  | 676,959,025 |  | 635,967,684 |  | 598,776,114 |  | 40,991,341 | 6.4\% |
| Net increase |  | 141,032,124 |  | 867,431,028 |  | 618,692,378 |  | $(726,398,904)$ | -83.7\% |
| Net position |  |  |  |  |  |  |  |  |  |
| Beginning of year |  | 8,927,366,656 |  | 8,059,935,628 |  | 7,441,243,250 |  | 867,431,028 | 10.8\% |
| End of year |  | 9,068,398,780 | \$ | 8,927,366,656 | \$ | 8,059,935,628 | \$ | 141,032,124 | 1.6\% |

## Additions to Plan Net Position

Total additions were $\$ 817,991,149$ in 2014, $\$ 1,503,398,712$ in 2013 and $\$ 1,217,468,492$ in 2012.
Employer contributions increased to $\$ 190,032,872$ in 2014 from $\$ 187,817,644$ in 2013 and decreased from $\$ 190,720,776$ in 2012. Employer contributions are statutorily set at 1.54 times employee contributions collected two years prior.

Employee contributions, including permissive service credit purchases, increased to $\$ 129,325,318$ in 2014 from $\$ 127,593,220$ in 2013 and $\$ 128,869,508$ in 2012. The majority of members contribute $8.5 \%$ of covered wages.

Net investment income totaled $\$ 488,890,897$ for 2014 compared to $\$ 1,179,440,119$ for 2013 and $\$ 887,687,519$ for 2012 . Investment earnings fluctuate primarily from the overall performance of the financial markets from year to year.

## Deductions to Plan Net Position

Total deductions were $\$ 676,959,025$ in $2014, \$ 635,967,684$ in 2013 and were $\$ 598,776,114$ in 2012.

Benefits increased to $\$ 645,601,458$ in 2014 from $\$ 601,770,020$ in 2013 and $\$ 561,391,035$ in 2012 due primarily to the $3 \%$ annual cost of living increases for annuitants and an increase in the number of retirees.

Refunds decreased to $\$ 26,347,361$ in 2014 from $\$ 29,873,030$ in 2013 and $\$ 33,081,726$ in 2012. These changes are due to fluctuations in refund applications.

The cost to administer the Plan increased by $15.9 \%$ to $\$ 5,010,206$ in 2014 from $\$ 4,324,634$ in 2013. Comparatively, the cost to administer the Plan increased by $.5 \%$ to $\$ 4,324,634$ in 2013 from $\$ 4,303,353$ in 2012.

## Actuarial Information

## Pension Benefits

The Plan's funding for pension benefits is as follows:

Funding for Pension Benefits For the Years Ended December 31,

$\underline{2014} \underline{2013}$

GASB Statement No. 67:

| Employer's net pension liability | $\underline{\underline{\$ 12,877,563,086}}$ | $\underline{\underline{\$ 12,190,277,287}}$ | N/A |
| :--- | :---: | :---: | :---: |
| Plan fiduciary net position as a percentage <br> of the total pension liability | $\underline{\underline{41.32} \%}$ | $\underline{\underline{42.27} \%}$ | N/A |

GASB Statement No. 25:
Unfunded actuarial accrued liability
Funded ratio


The Plan adopted GASB Statement No. 67, Financial Reporting for Pension Plans, during the year ended December 31, 2014. See Note 1 in the financial statements for further information.

For the purposes of comparability in this year of transition, the funding information for pension benefits reflects both GASB Statement No. 67 and the previously adopted GASB Statement No. 25, Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans. The employer's net pension liability and plan fiduciary net position as a percentage of the total pension liability as of December 31, 2012 is not available.

The primary difference between the employer's net pension liability (GASB Statement No. 67) and the unfunded actuarial accrued liability (GASB Statement No. 25) is the use of a blended investment rate of return as required under GASB Statement No. 67. This has significantly increased the liability.

## Actuarial Information (continued)

## Postemployment Healthcare Benefits

Under GASB Statement No. 43, Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans, the Plan's funding for postemployment healthcare benefits is as follows:

Funding for Postemployment Healthcare Benefits
For the Years Ended December 31,

|  | $\underline{2014}$ | $\underline{\underline{2013}}$ | $\underline{\underline{2012}}$ |
| :--- | :---: | :---: | :---: | :---: |
| Unfunded actuarial accrued liability | $\underline{\$ 1,980,088,617}$ | $\underline{\underline{\$ 1,978,767,490}}$ | $\underline{\underline{\$ 1,845,609,132}}$ |
| Funded ratio | $\underline{\underline{0.00} \%}$ | $\underline{\underline{0.00} \%}$ | $\underline{\underline{0.00} \%}$ |

Contributions for postemployment healthcare benefits are made on a "pay-as-you-go" basis, resulting in a $0.00 \%$ funded ratio.

## Combined

The Plan actuary has performed a combined valuation of the pension and postemployment healthcare benefits provided by the Plan to measure the overall funded status and contribution requirements of the Plan. Such a valuation is required under Chapter 40, Article 5/9-199 of the Illinois Pension Code which provides that the Plan shall submit a report each year containing a detailed statement of the affairs of the Plan, its income and expenditures, and assets and liabilities. The combined valuation reflects the actuarial assumptions adopted by the Board based on the results of an actuarial experience study. These assumptions conform to the actuarial standards recommended by the Plan's actuary and were used by the Plan's actuary to present the combined funding status in accordance with Section 9-199. The Plan's funding under the combined actuarial valuation is as follows:

> Funding for Combined Pension and Postemployment Healthcare Benefits
> For the Years Ended December 31,

|  | $\underline{2014}$ |  | $\underline{2013}$ |  | $\underline{2012}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unfunded actuarial accrued liability | \$ | 6,508,281,618 | \$ | 6,430,643,390 | \$ | 6,796,368,029 |
| Funded ratio |  | 57.51\% |  | 56.59\% |  | 53.55\% |

## Contact Information

This financial report is designed to provide the employer, plan participants and others with a general overview of the Plan's finances and show accountability for money it receives.
Questions concerning any data provided in the report or requests for additional information should be addressed to:

County Employees' and Officers' Annuity and Benefit Fund of Cook County
Attention: Executive Director
33 North Dearborn Street
Suite 1000
Chicago, Illinois 60602
County Employees' and Officers' Annuity
and Benefit Fund of Cook County
Combining Statements of Pension Plan Fiduciary Net Position and Postempl

|  | 2014 |  |  |  |  |  | 2013 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total |  | Pension |  | Postemployment Healthcare |  | Total |  | Pension |  | Postemployment Healthcare |  |
| Assets |  |  |  |  |  |  |  |  |  |  |  |  |
| Receivables |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer contributions less allowance of \$10,823,230 in 2014 and \$10,596,808 in 2013 | \$ | 199,576,926 | \$ | 189,773,898 |  | 9,803,028 | \$ | 209,311,706 | \$ | 199,986,316 | \$ | 9,325,390 |
| Employee contributions |  | 1,995,317 |  | 1,995,317 |  | - |  | 2,145,420 |  | 2,145,420 |  | - |
| Accrued investment income |  | 22,205,338 |  | 22,205,338 |  | - |  | 22,451,594 |  | 22,451,594 |  | - |
| Receivable for securities sold |  | 162,275,218 |  | 162,275,218 |  | - |  | 80,795,327 |  | 80,795,327 |  | - |
| Due from Forest Preserve District Employees' Annuity and Benefit Fund of Cook County |  | 542,267 |  | 542,267 |  | - |  | 462,893 |  | 462,893 |  | - |
| Medicare Part D subsidy |  | 1,286,803 |  | 1,286,803 |  | - |  | 947,659 |  | 947,659 |  | - |
| Other |  | 505,003 |  | 505,003 |  | - |  | 818,644 |  | 818,644 |  | - |
| Total receivables |  | 388,386,872 |  | 378,583,844 |  | 9,803,028 |  | 316,933,243 |  | 307,607,853 |  | 9,325,390 |
| Investments |  |  |  |  |  |  |  |  |  |  |  |  |
| U.S. and international equities |  | 4,110,040,451 |  | 4,110,040,451 |  | - |  | 4,233,234,375 |  | 4,233,234,375 |  | - |
| U.S. Government and government agency obligations |  | 1,109,668,190 |  | 1,109,668,190 |  | - |  | 1,238,436,393 |  | 1,238,436,393 |  | - |
| Corporate bonds |  | 857,209,577 |  | 857,209,577 |  | - |  | 823,905,648 |  | 823,905,648 |  | - |
| Collective international equity fund |  | 57,477,592 |  | 57,477,592 |  | - |  | 56,828,124 |  | 56,828,124 |  | - |
| Commingled fixed income fund |  | 25,893,428 |  | 25,893,428 |  | - |  | 25,540,920 |  | 25,540,920 |  | - |
| Private global fixed fund limited partnership |  | 199,275,761 |  | 199,275,761 |  | - |  | - |  | - ${ }^{-}$ |  | - |
| Exchange traded funds |  | 607,454,824 |  | 607,454,824 |  | - |  | 526,730,533 |  | 526,730,533 |  | - |
| Private equities |  | 86,623,407 |  | 86,623,407 |  | - |  | 61,576,550 |  | 61,576,550 |  | - |
| Hedge funds |  | 800,093,500 |  | 800,093,500 |  | - |  | 756,879,345 |  | 756,879,345 |  | - |
| Real estate |  | 388,902,521 |  | 388,902,521 |  | - |  | 425,123,417 |  | $425,123,417$ |  | - |
| Short-term investments |  | 587,544,323 |  | 587,544,323 |  | - |  | 555,524,046 |  | 555,524,046 |  | - |
| Total investments |  | 8,830,183,574 |  | 8,830,183,574 |  | - |  | 8,703,779,351 |  | 8,703,779,351 |  | - |
| Collateral held for securities on loan |  | 1,308,676,647 |  | 1,308,676,647 |  | - |  | 1,296,354,976 |  | 1,296,354,976 |  | - |
| Total assets |  | 10,527,247,093 |  | 10,517,444,065 |  | 9,803,028 |  | 10,317,067,570 |  | 10,307,742,180 |  | 9,325,390 |
| Liabilities |  |  |  |  |  |  |  |  |  |  |  |  |
| AcCounts payable |  | 5,031,192 |  | 5,031,192 |  | - |  | 4,694,086 |  | 4,694,086 |  | - |
| Healthcare insurance payable |  | 9,803,028 |  | - |  | 9,803,028 |  | 9,325,390 |  | - |  | 9,325,390 |
| Payable for securities purchased |  | 135,337,446 |  | 135,337,446 |  | - |  | 79,326,462 |  | 79,326,462 |  | - |
| Securities lending collateral |  | 1,308,676,647 |  | 1,308,676,647 |  | - |  | 1,296,354,976 |  | 1,296,354,976 |  | - |
| Total liabilities |  | 1,458,848,313 |  | 1,449,045,285 |  | 9,803,028 |  | 1,389,700,914 |  | 1,380,375,524 |  | 9,325,390 |
| Net position |  |  |  |  |  |  |  |  |  |  |  |  |
| Net position restricted for pensions |  | 9,068,398,780 |  | 9,068,398,780 |  | - |  | 8,927,366,656 |  | 8,927,366,656 |  | - |
| Net position held in trust for postemployment healthcare benefits |  | - - |  | - |  | - |  | - |  | - |  | - |
| Total |  | \$9,068,398,780 |  | \$9,068,398,780 | \$ | - |  | 8,927,366,656 |  | \$8,927,366,656 | \$ | - |

Page 1 of 2 County Employees' and Officers' Annuity
and Benefit Fund of Cook County
Combining Statements of Changes in Pension Plan Fiduciary Net Position and Postemployment Healthcare Plan Net Position
 Years Ended December 31, 2014 and 2013

| Total | Pension | Postemployment <br> Healthcare |
| ---: | ---: | ---: |
| $\$ 190,032,872$ | $\$ 146,075,414$ | $\$ 43,957,458$ |
| $124,443,943$ | $124,443,943$ | - |
| $2,386,762$ | $2,386,762$ | - |
| 630,942 | 630,942 | - |
| 44,042 | 44,042 | - |
| $1,819,629$ | $1,819,629$ | - |
| $129,325,318$ | $129,325,318$ |  |






## 2014


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Employees' Annuity and Benefit Fund of Cook County
Miscellaneous
Employees' Annuity and Benefit Fund of Cook County
Miscellaneous
Total other additions
Total additions

## Additions

Salary deductions
Former and miscellaneous service payments
Former and miscents and deductions Optional payments and deductions
Deductions in lieu of disability
Total employee contributions Investment income
Net appreciation in fair value of investments Dividends

> Less investment expenses Net investment income Securities lending
Income
Other Net securities lending income
Employer federal subsidized programs
Medicare Part D subsidy
rest Preserve District
See accompanying notes to financial statements.
Page 2 of 2 County Employees' and Officers' Annuity
and Benefit Fund of Cook County
Combining Statements of Changes in Pension Plan Fiduciary Net Position and Postemployment Healthcare Plan Net Position

| 2014 |  |  |  |  | 2013 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total |  | Pension |  | temployment Healthcare |  | Total |  | Pension |  | employment <br> Healthcare |
| $\begin{array}{r} \$ \quad 543,274,840 \\ 41,865,298 \end{array}$ | \$ | $\begin{array}{r} 543,274,840 \\ 41,865,298 \end{array}$ | \$ |  | \$ | $\begin{array}{r} 507,494,409 \\ 38,761,919 \end{array}$ | \$ | $\begin{array}{r} 507,494,409 \\ 38,761,919 \end{array}$ | \$ | - |
| 9,988,572 |  | 9,988,572 |  | - |  | 10,224,555 |  | 10,224,555 |  | - |
| 527,188 |  | 527,188 |  | - |  | 684,923 |  | 684,923 |  | - |
| 49,945,560 |  | - |  | 49,945,560 |  | 44,604,214 |  | - |  | 44,604,214 |
| 645,601,458 |  | 595,655,898 |  | 49,945,560 |  | 601,770,020 |  | 557,165,806 |  | 44,604,214 |
| 26,347,361 |  | 26,347,361 |  | - |  | 29,873,030 |  | 29,873,030 |  | - |
| 5,010,206 |  | 5,010,206 |  | - |  | 4,324,634 |  | 4,324,634 |  | - |
| 676,959,025 |  | 627,013,465 |  | 49,945,560 |  | 635,967,684 |  | 591,363,470 |  | 44,604,214 |
| 141,032,124 |  | 141,032,124 |  | - |  | 867,431,028 |  | 867,431,028 |  | - |
| 8,927,366,656 |  | 8,927,366,656 |  | - |  | 8,059,935,628 |  | 8,059,935,628 |  | - |
| \$ 9,068,398,780 | \$ | 9,068,398,780 | \$ | - | \$ | 8,927,366,656 | \$ | 8,927,366,656 | \$ | $\cdots$ |

Deductions
Benefits
Annuity
Employee
Spouse and children
Disability
Ordinary
Duty
Healthcare
Refunds Total benefits
Net administrative expenses

Net increase $\quad$ Total deductions
NeT posirion
Beginning of year
End of year

# County Employees' and Officers' Annuity and Benefit Fund of Cook County 

## Notes to Financial Statements

December 31, 2014 AND 2013

## Note 1. Summary of Significant Accounting Policies

The County Employees' and Officers' Annuity and Benefit Fund of Cook County (the Plan) is administered in accordance with Chapter 40, Article $5 / 9$ of the Illinois Compiled Statutes (the Statutes), formerly Chapter 108-1/2, Article 9 of the Illinois Revised Statutes.

Reporting Entity - Accounting principles generally accepted in the United States of America define a financial reporting entity as consisting of the primary government and its component units for which the primary government is financially accountable. Financial accountability includes appointing a voting majority of a component unit's governing board, the ability of a primary government to impose its will on the component unit, or a potential for a component unit to provide specific financial benefits to or impose specific financial burdens on the primary government.

Based on the above criteria, the Plan is considered to be a component unit of Cook County, Illinois (the County) and is included in the County's financial statements as a pension trust fund.

New Accounting Pronouncement - In June 2012, GASB issued Statement No. 67, Financial Reporting for Pension Plans. This Statement replaces the requirements of Statement No. 25, Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans, and Statement No. 50, Pension Disclosures, as they relate to pension plans that are administered through trusts or similar arrangements meeting certain criteria. For defined benefit plans, Statement No. 67 establishes standards of financial reporting for separately issued financial reports and specifies the required approach to measuring the pension liability of employer and non-employer contributing entities for benefits provided through the pension plan. This Statement also enhances footnote disclosures and required supplementary information for pension funds.

Method of Accounting - The financial statements are prepared using the accrual basis of accounting. Employer contributions are recognized as income pursuant to legal requirements as specified by the Illinois Compiled Statutes. Employee contributions are recognized in the period in which the contributions are due. Benefits and refunds are recognized when due and payable in accordance with the terms of the Plan.

Investments - Investments are reported at fair value, which generally represents reported market value as of the last business day of the year. Private equities, hedge funds, real estate investments, and limited partnerships are carried at fair value as estimated by each investment manager. Short-term investments are carried at cost which approximates fair value. Where less than an entire investment holding is sold, average value is used to determine realized gain or loss.

## Note 1. Summary of Significant Accounting Policies (continued)

Allocated Expenses - Administrative expenses are initially paid by the Plan. These expenses are allocated between the Plan and the Forest Preserve District Employees' Annuity and Benefit Fund of Cook County (the Forest Fund) on a pro rata basis, as applicable.

Capital Assets - The Plan has set a capitalization threshold of $\$ 100,000$ for all capital asset types. As of December 31, 2014, the Plan does not have any capital assets.

Estimates - The preparation of the financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures in the financial statements. Actual results could differ from those estimates.

Subsequent Events - Subsequent events have been evaluated through October 2, 2015, which is the date the financial statements were available to be issued.

## Note 2. Plan Description

The County Employees' and Officers' Annuity and Benefit Fund of Cook County was established on January 1, 1926, and is governed by legislation contained in Illinois Compiled Statutes (the Statutes), particularly Chapter 40, Article 5/9 (the Article). Effective with the signing of Public Act 96-0889 into law on April 14, 2010, participants that first became contributors on or after January 1, 2011 are Tier 2 participants. All other participants that were contributing prior to January 1, 2011 are Tier 1 participants. The Plan can be amended only by the Illinois Legislature. The County Employees' and Officers' Annuity and Benefit Fund of Cook County is a single employer defined benefit pension plan with a defined contribution minimum. The Plan was created for the purpose of providing retirement, death and disability benefits for full-time employees of Cook County (the County) and the dependents of such employees. The Plan is considered to be a component unit of Cook County, Illinois and is included in the County's financial statements as a pension trust fund.

The Statutes authorize a Board of Trustees (the Board) of nine members to carry out the provisions of the Article. According to the Article, two members of the Board are ex officio, four are elected by the employee members of the Plan and three are elected by the annuitants of the Plan. The two ex officio members are the Comptroller of Cook County, or someone chosen by the Comptroller, and the Treasurer of Cook County, or someone chosen by the Treasurer. All members of the Board are fiduciaries with respect to the Plan and are statutorily mandated to discharge their duties, as such, solely in the interest of the Plan's participants and beneficiaries.

## Note 2. Plan Description (continued)

The Board has the powers and duties required in the Article to collect all contributions due to the Plan, to invest the Plan's reserves, to have an annual audit, to appoint employees, to authorize or suspend payment of any benefit and to have exclusive original jurisdiction in all matters relating to or affecting the Plan. The Board approves its own budget which is prepared by the administrative staff of the Plan. The Board is required annually to submit to the County Board of Cook County a detailed report of the financial affairs and status of the Plan. Provisions in other articles of Chapter 40 require the Board to submit its annual audit and actuarial valuation reports to the State of Illinois Department of Insurance, as well as another detailed annual report, the form and content of which is specified by the Department of Insurance.

Covered employees are required to contribute $8.5 \%$ ( $9 \%$ for sheriffs) of their salary to the Plan, subject to the salary limitations for Tier 2 participants in Article 5/1-160. If an employee leaves covered employment without qualifying for an annuity, accumulated contributions are refunded with interest ( $3 \%$ or $4 \%$ depending on when the employee became a participant). The County's total contribution is the amount of contributions made by the employees to the Plan in the calendar year two years prior to the year for which annual applicable tax is levied, multiplied by $1.54 \%$. The source of funds for the County's contributions has been designated by State Statute as the County's annual property tax levy. The County's payroll for employees covered by the Plan for 2014 and 2013 was $\$ 1,514,550,023$ and $\$ 1,484,269,715$ respectively.

The Plan provides retirement as well as death and disability benefits. Tier 1 employees age 50 or older and Tier 2 employees age 62 or older are entitled to receive a minimum formula annuity of $2.4 \%$ for each year of credited service if they have at least 10 years of service. The maximum benefit is $80 \%$ of the final average monthly salary. For Tier 1 employees under age 60 and Tier 2 employees under age 67 , the monthly retirement benefit is reduced by $1 / 2 \%$ for each month the participant is below that age. The reduction is waived for Tier 1 participants having 30 or more years of credited service.

Participants should refer to the applicable State Statutes for more complete information.
At December 31, 2014 and 2013, participants consisted of the following:

|  | $\underline{2014}$ | $\underline{2013}$ |
| :--- | ---: | ---: |
| Active members | 21,656 | 21,287 |
| Retired members | 14,437 | 14,080 |
| Beneficiaries | 2,639 | 2,597 |
| Inactive members | $\underline{13,194}$ | $\underline{12,747}$ |
| Total | $\underline{51,926}$ | $\underline{\underline{50,711}}$ |

## Note 3. EMPloyer's Pension Liability

## Net Pension Liability

The components of the net pension liability of the Plan for the years ended December 31, 2014 and 2013 are as follows:

|  | $\underline{2014}$ |  |
| :--- | :---: | :---: |
|  | $\underline{2013}$ |  |
| Total pension liability | $\$ 21,945,961,866$ | $\$ 21,117,643,943$ |
| Plan fiduciary net position | $\underline{9,068,398,780}$ | $\frac{8,927,366,656}{\$ 12,877,563,086}$ |

See the Schedule of Changes in the Employer's Net Pension Liability and Related Ratios on page 27 of the required supplementary information for additional information related to the funded status of the Plan.

The net pension liability was determined by an actuarial valuation performed as of December 31, 2014 using the following actuarial methods and assumptions:

| Actuarial valuation date | December 31, 2014 <br> Entry Age Normal |
| :--- | :--- |
| Actuarial cost method |  |
| Amortization method |  |
| Remaining amortization period | Level Dollar - Open <br> 30 years |
| Asset valuation method | Five Year Smoothed Average Market |
| Actuarial assumptions: |  |
| Inflation | $3.25 \%$ per year, compounded annually |
| Salary increases | $3.75 \%$ to 8.00\%, based on age |
| Investment rate of return | $7.50 \%$ per year, compounded annually <br> Retirement age |
|  | Rates of retirement for each age from 50 to 75 based <br> on recent experience of the Plan where all employees <br> are assumed to retire by age 75 |
|  | RP-2000 Blue Collar Mortality Table, base year 2000, <br> fully generational based on Scale BB |
| Mortality | Tier 1 participants - $3.0 \%$ compounded annually |
| Postretirement annuity increase |  |
|  | Tier 2 participants - the lesser of $3.0 \%$ or one half of <br> the increase in the Consumer Price Index |

The actuarial assumptions used in the December 31, 2014 valuation were based on the results of an actuarial experience study conducted by Buck Consultants, LLC dated January 2014.

## Note 3. Employer's Pension Liability (Continued)

## Discount Rate

The blended discount rate used to measure the total pension liability was $4.50 \%$. The projection of cash flows used to determine the discount rate assumed that the employer's contributions will continue to follow the current funding policy. Based on this assumption, the Plan's fiduciary net position was projected to be insufficient to make all projected future benefit payments of current plan members. A municipal bond rate of $3.34 \%$ was used in the development of the blended discount rate after that point. The $3.34 \%$ rate is based on the S\&P Municipal Bond 20 Year High Grade Rate Index as of December 31, 2014. Based on the long-term investment rate of return of $7.50 \%$ and the municipal bond rate of $3.34 \%$, the blended discount rate is $4.50 \%$.

## Discount Rate Sensitivity

The following is an analysis of the net pension liability's sensitivity to changes in the discount rate. The following table presents the net pension liability of the employer using the discount rate of $4.50 \%$ as well as the employer's net pension liability calculated using a discount rate 1 percent lower ( $3.50 \%$ ) and 1 percent higher ( $5.50 \%$ ) than the current discount rate:

|  | Current <br> Discount |  |  |
| :---: | :---: | :---: | :---: |
|  | 1\% Decrease 3.50\% | $\begin{gathered} \text { Rate } \\ 4.50 \% \end{gathered}$ | $\begin{gathered} 1 \% \text { Increase } \\ 5.50 \% \\ \hline \end{gathered}$ |
| Net Pension Liability | $\underline{\text { \$ 16,898,354,682 }}$ | \$ 12,877,563,086 | \$ 9,717,606,697 |

## Note 4. Summary of Employer Funding Policies

Employer contributions are funded primarily through a tax levied by Cook County, Illinois. The tax levy, when extended, is limited to an amount not to exceed an amount equal to the total contributions by the employees to the Plan made in the calendar year two years prior to the year for which the annual applicable tax is levied, multiplied by 1.54 .

The combined funding information of the pension and postemployment healthcare benefits of the Plan as of December 31, 2014 and 2013 are as follows:

|  | 2014 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Pension | Postemployment Healthcare |  | Assumption Adjustment | Combined |
| Employer normal cost | \$ 101,247,203 | \$ | 66,437,678 | \$ $(39,465,561)$ | \$ 128,219,320 |
| Amortization of UAAL | 413,914,894 |  | 116,248,411 | $(23,660,493)$ | 506,502,812 |
| Interest cost | - |  | 7,221,113 | $(7,221,113)$ | - |
| Actuarially determined contribution Expected net employer contribution | $\begin{gathered} 515,162,097 \\ (146,075,414) \end{gathered}$ |  | $\begin{aligned} & 189,907,202 \\ & (43,957,458) \end{aligned}$ | $(5,013,489)$ | $\begin{gathered} 634,722,132 \\ (195,046,361) \\ \hline \end{gathered}$ |
| Expected employer contribution short-fall | \$ 369,086,683 | \$ | 145,949,744 |  | \$439,675,771 |
| Actuarially determined multiplier |  |  |  |  | 5.01 |
| Present authorized multiplier |  |  |  |  | 1.54 |


|  | 2013 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Pension | Postemployment Healthcare |  | Assumption Adjustment | Combined |
| Employer normal cost | \$ 155,504,629 | \$ | 63,535,361 | \$ $(34,458,658)$ | \$ 184,581,332 |
| Amortization of UAAL | 439,865,417 |  | 108,425,638 | $(12,982,330)$ | 535,308,725 |
| Interest cost | - |  | 6,737,966 | $(6,737,966)$ |  |
| Actuarially determined contribution Expected net employer contribution | $\begin{gathered} 595,370,046 \\ (147,720,014) \\ \hline \end{gathered}$ |  | $\begin{aligned} & 178,698,965 \\ & (40,097,630) \end{aligned}$ | $(2,757,585)$ | $\begin{gathered} 719,890,057 \\ (190,575,229) \end{gathered}$ |
| Expected employer contribution short-fall | \$447,650,032 | \$ | 138,601,335 |  | \$ 529,314,828 |
| Actuarially determined multiplier |  |  |  |  | 5.82 |
| Present authorized multiplier |  |  |  |  | 1.54 |

The assumption adjustment is due to a change in the interest rate assumption, which is $7.5 \%$ for the pension and combined valuations and $4.5 \%$ for the postemployment healthcare benefits valuation.

## Note 5. Investments

The Board of Trustees is responsible for establishing reasonable and consistent investment objectives, policies and guidelines governing the investment of Plan assets in accordance with the Illinois Compiled Statutes. The Plan is authorized to invest in bonds, notes, certificates of indebtedness, mortgage notes, real estate, stocks, shares, debentures, or other obligations or securities as set forth in the "prudent person" provisions of the State Statutes. All of the Plan's financial instruments are consistent with the permissible investments outlined in the State Statutes and any index-linked financial instruments are limited to those indices that replicate the permissible investments outlined in the State Statutes. During the year ended December 31, 2014 and 2013, there were no changes to the investment policy.

The Plan's investment policy in accordance with the Illinois Compiled Statutes establishes the following target allocation across asset classes:

| Asset Class | Target Allocation \% | Long-term Expected Real Rate of Return |
| :---: | :---: | :---: |
| Domestic equities | 25.00\% | 9.36\% |
| International equities | 20.00\% | 7.66\% |
| Fixed income | 32.00\% | 2.00\% |
| Real estate | 8.00\% | 6.83\% |
| Hedge funds | 9.00\% | 12.41\% |
| Private equity | 6.00\% | 4.72\% |
| Total investments | $\underline{100.00 \%}$ |  |

## Long-term expected rate of return

The long-term expected rate of return on the Plan's investments was determined based on the results of an experience study performed by Buck Consultants. The results of the experience study were adopted by the Board in January 2014. The investment return assumption was based on the current asset allocation of the Plan. In the experience study, Buck Consultants developed best estimate ranges of expected future real rates of return (net of pension plan investment expense and inflation) for each major asset class. These ranges were combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates or geometric real rates of return for each major asset class included in the Plan's target asset allocation as of December 31, 2014 are listed in the table above.

## Annual Money-Weighted Rate of Return

The annual money-weighted rate of return on pension plan investments, net of pension plan investment expense, was $6.23 \%$ for the year ended December 31, 2014. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

## Note 5. Investments (CONTINUED)

## Investment Summary

The following table presents a summarization of the aggregate fair value (carrying amount) of the Plan's investments as of December 31, 2014 and 2013. Investments that represent $5 \%$ or more of the Plan's net position are separately identified.

| Investments |  | 2014 |  | $\underline{2013}$ |
| :---: | :---: | :---: | :---: | :---: |
| U.S. and international equities | \$ | 4,110,040,451 | \$ | 4,233,234,375 |
| U.S. Government and government agency obligations |  | 1,109,668,190 |  | 1,238,436,393 |
| Corporate bonds |  | 857,209,577 |  | 823,905,648 |
| Collective international equity fund |  | 57,477,592 |  | 56,828,124 |
| Commingled fixed income fund |  | 25,893,428 |  | 25,540,920 |
| Private global fixed fund limited partnership |  | 199,275,761 |  | - |
| Exchange traded funds |  | 607,454,824 |  | 526,730,533 |
| Private equities |  | 86,623,407 |  | 61,576,550 |
| Hedge funds |  | 800,093,500 |  | 756,879,345 |
| Real estate: |  |  |  |  |
| Limited partnerships |  | 388,902,521 |  | 425,123,417 |
| Short-term investments: |  |  |  |  |
| EB Temporary Investment Fund |  | 585,088,974 |  | 552,299,189 |
| Other |  | 2,455,349 |  | 3,224,857 |
| Total investments | \$ | 8,830,183,574 | \$ | 8,703,779,351 |

## Investment Risk

GASB Statement No. 40, Deposit and Investment Risk Disclosures, specifies various disclosure requirements.

## Custodial Credit Risk

Custodial credit risk is the risk that, in the event of the failure of the counterparty, the Plan will not be able to recover the value of its investments or collateral securities in the possession of an outside party.

The Plan had no investments that were uninsured and unregistered, with securities held by the counterparty, or by its trust department or agent, but not held in the Plan's name, as of December 31, 2014 and 2013.

## Note 5. Investments (CONTINUED)

## Investment Risk (continued)

## Credit Risk

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The Plan's investment policy is an average credit quality for each manager's total fixed income portfolio (corporate and U.S. Government holdings) of not less than Aby two out of three credit agencies (Moody's Investor Service, Standard \& Poor's and/or Fitch). The following table presents a summarization of the Plan's credit quality ratings of investments at December 31, 2014 and 2013 valued by Moody's Investors Service and/or Standard \& Poor's and/or Fitch:


## Note 5. Investments (CONTINUED)

## Investment Risk (continued)

## Interest Rate Risk

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. Investments held for longer periods are subject to increased risk of adverse interest rate changes. The Plan's investment policy for duration for each manager's total fixed income portfolio is within plus or minus $30 \%$ of the duration for the fixed income performance benchmark (Barclays Capital Aggregate Fixed Income, which was 5.55 years at December 31, 2014 and 5.55 years at December 31, 2013). The following table presents a summarization of the Plan's debt investments at December 31, 2014 and 2013, using the segmented time distribution method:
Type of Investment $\quad \underline{\text { Maturity }} \underline{2014}$

| U.S. Government and government agency obligations | Less than 1 year <br> 1-5 years 6-10 years Over 10 years | \$ | $\begin{array}{r} 20,307,593 \\ 337,059,785 \\ 186,525,528 \\ 565,775,285 \\ \hline \end{array}$ | \$ | $\begin{array}{r} 23,980,353 \\ 391,353,559 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  | 250,626,869 |
|  |  |  |  |  | 572,475,612 |
| Corporate bonds |  | \$ | 1,109,668,190 | \$ | 1,238,436,393 |
|  | Less than 1 year | \$ | 70,779,443 | \$ | 62,771,344 |
|  | 1-5 years |  | 201,547,638 |  | 195,435,536 |
|  | 6-10 years |  | 342,338,742 |  | 341,280,369 |
|  | Over 10 years |  | 242,543,755 |  | 224,418,399 |
|  |  | \$ | 857,209,577 | \$ | 823,905,648 |
| Commingled fixed income fund | $1-5$ years | \$ | 25,893,428 | \$ | 25,540,920 |
| Short-term investments | Less than 1 year | \$ | 587,544,323 | \$ | 555,524,046 |

## Foreign Currency Risk

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or a deposit. The Plan's investment policy limits the amount of investments in foreign equities to $20 \%$ of total Plan assets and foreign fixed income obligations to $2.5 \%$ of the total Plan assets. The Plan's exposure to foreign currency risk at December 31, 2014 and 2013 is as follows:

## Note 5. Investments (CONTINUED)

## Investment Risk (continued)

Foreign Currency Risk (continued)

| Type of Investment |  | $\begin{gathered} \text { Fair Value } \\ \text { (USD) } \\ \underline{2014} \end{gathered}$ |  | $\begin{gathered} \text { Fair Value } \\ \text { (USD) } \\ \underline{2013} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| U.S. and international equities |  |  |  |  |
| Australian dollar | \$ | 78,719,386 | \$ | 68,566,259 |
| Brazil real |  | 22,787,891 |  | 24,939,257 |
| British pound sterling |  | 310,585,893 |  | 347,166,377 |
| Canadian dollar |  | 79,080,044 |  | 74,607,490 |
| Chilean peso |  | 2,301,572 |  | 1,065,372 |
| Colombian peso |  | 783,224 |  | 139,323 |
| Czech koruna |  | 417,393 |  | 314,807 |
| Danish krone |  | 17,806,342 |  | 24,464,447 |
| Egyptian pound |  | 261,423 |  | - |
| European euro |  | 397,005,393 |  | 429,948,424 |
| Hong Kong dollar |  | 120,414,087 |  | 136,891,273 |
| Hungarian forint |  | 406,489 |  | 517,167 |
| Indian rupee |  | 8,911,786 |  | 5,049,842 |
| Indonesian rupiah |  | 6,301,082 |  | 3,966,815 |
| Israeli shekel |  | 5,080,245 |  | 1,952,805 |
| Japanese yen |  | 266,333,255 |  | 257,287,591 |
| Malaysian ringgit |  | 7,439,038 |  | 7,135,342 |
| Mexican peso |  | 12,044,327 |  | 12,584,191 |
| New Taiwan dollar |  | 33,495,677 |  | 25,984,928 |
| New Turkish lira |  | 1,227,993 |  | 2,054,061 |
| New Zealand dollar |  | 6,863,110 |  | 5,039,721 |
| Norwegian krone |  | 15,627,486 |  | 11,320,045 |
| Phillipenes peso |  | 6,012,595 |  | 5,144,675 |
| Polish zloty |  | 2,967,480 |  | 2,800,878 |
| Russian ruble |  | 318,206 |  | - |
| Singapore dollar |  | 22,737,009 |  | 22,467,090 |
| South African rand |  | 17,832,068 |  | 14,478,975 |
| South Korean won |  | 50,399,004 |  | 52,477,834 |
| Swedish krona |  | 39,994,815 |  | 48,186,702 |
| Swiss franc |  | 129,100,613 |  | 125,664,922 |
| Thailand baht |  | 12,057,123 |  | 9,579,609 |
| United Arab Emirates dirham |  | 1,494,666 |  | - |
| U.S. dollar |  | 2,433,233,736 |  | 2,511,438,153 |
| Total U.S. and international equities | \$ | 4,110,040,451 | \$ | 4,233,234,375 |

## Note 5. Investments (CONTINUED)

## Investment Risk (continued)

Foreign Currency Risk (continued)

| Type of Investment |  | Fair Value (USD) 2014 |  | Fair Value (USD) $\underline{2013}$ |
| :---: | :---: | :---: | :---: | :---: |
| Corporate bonds |  |  |  |  |
| Brazilian real | \$ | 8,670,503 | \$ | - |
| British pound sterling |  | 3,962,173 |  | 4,039,262 |
| European euro |  | 2,335,997 |  | 26,291,344 |
| Mexican peso |  | 13,999,411 |  | 12,546,072 |
| Philippines peso |  | 2,273,582 |  | 2,226,788 |
| U.S. dollar |  | 825,967,911 |  | 778,802,182 |
| Total corporate bonds | \$ | 857,209,577 | \$ | 823,905,648 |
| Private equities |  |  |  |  |
| European euro | \$ | 1,806,596 | \$ | 1,039,066 |
| U.S. dollar |  | 84,816,811 |  | 60,537,484 |
| Total private equities | \$ | 86,623,407 | \$ | 61,576,550 |

For the years ended December 31, 2014 and 2013, net realized gain on investments sold, reflecting the difference between the proceeds received and cost value of securities sold, was $\$ 357,866,673$ and $\$ 325,150,696$ respectively. These amounts are included in the net appreciation (depreciation) in fair value of investments as reported on the Combining Statements of Changes in Pension Plan Fiduciary Net Position and Postemployment Healthcare Plan Net Position. The calculation of realized gains and losses is independent of the calculation of net appreciation (depreciation) in the fair value of plan investments. Investments purchased in a previous year and sold in the current year result in their realized gains and losses being reported in the current year and their net appreciation (depreciation) in Plan assets being reported in both the current year and the previous years.

## Note 6. When-Issued Transactions

The Plan may purchase securities on a when-issued basis, that is, obligate itself to purchase securities with delivery and payment to occur at a later date. At the time the Plan enters into a commitment to purchase the security, the transaction is recorded at purchase price which equals value. The value at delivery may be more or less than the purchase price. No interest accrues to the Plan until delivery and payment takes place. As of December 31, 2014 and 2013, the Plan contracted to acquire securities on a when-issued basis with a total principal amount of $\$ 89,770,000$ and $\$ 28,700,000$ respectively.

## Note 7. Derivatives

The Plan's investment policy permits the use of financial futures for hedging purposes only. Speculation and leveraging of financial futures within the portfolio is prohibited. The Plan uses derivative financial instruments to gain exposure to an asset class, manage portfolio risk or to facilitate international portfolio trading.

A derivative security is a financial contract whose value is based on, or "derived" from, a traditional security, an asset, or a market index. Derivative instruments include forward currency contracts and futures contracts as part of the Plan's investment portfolio.

Derivative transactions involve, to varying degrees, credit risk, interest rate risk and market risk. Credit risk is the possibility that a loss may occur because a party to a transaction fails to perform according to the previously agreed upon terms. Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. Market risk is the possibility that a change in interest or currency rates will cause the value of a financial instrument to decrease or become more costly to settle.

Forward currency contracts are used to hedge against fluctuations in foreign currencydenominated assets used primarily in portfolio trade settlements. These contracts are a cash contract in which a seller agrees to deliver a specific cash commodity to a buyer sometime in the future. Forward agreements are subject to the creditworthiness of the counterparties, which are principally large financial institutions. Forward currency contracts are reported at fair value in the receivable for securities sold and payable for securities purchased on the Combining Statement of Pension Plan Fiduciary Net Position and Postemployment Healthcare Plan Net Position included in investments. The gain or loss on forward currency contracts is recognized and recorded on the Combining Statement of Changes in Pension Plan Fiduciary Net Position and Postemployment Healthcare Plan Net Position as part of investment income. The foreign currency contracts are short-term in nature, typically ranging from one week to three months.

The Plan uses futures contracts as an investment vehicle to gain exposure to an asset class with minimal market entry costs to the Plan. At December 31, 2014, the Plan had futures contracts with a fair value of $\$ 13,566,225$ a notional value of $\$ 341,238,940$ and a maturity date of March 20, 2015 for all contracts. Comparatively, at December 31, 2013, the Plan had futures contracts with a fair value of $\$ 17,692,797$ and a notional value of $\$ 365,862,258$ with a maturity date of March 21, 2014 for all contracts.

Futures contracts are reported at fair value in the equity investments on the Combining Statement of Pension Plan Fiduciary Net Position and Postemployment Healthcare Plan Net Position. The gain or loss on futures contracts is reported as part of investment income on the Combining Statement of Changes in Pension Plan Fiduciary Net Position and Postemployment Healthcare Plan Net Position. See Note 5 for investment risk for the Plan's equity investments.

## Note 7. Derivatives (CONTINUED)

The Plan's portfolio includes the following derivative instruments at December 31, 2014 and 2013:
$\underline{2014} \underline{2013}$

Hedging derivative instruments

| Forward currency contract receivables | $\$$20,662,823 <br> Forward currency contract payable | $\$ 89,384,634$ |  |  |
| :---: | :---: | :---: | :---: | ---: |
|  | $(20,407,274)$ |  | $88,987,015)$ <br> Total hedging derivative instruments | 255,549 |
|  |  |  |  | 397,619 |

Investment derivative instruments
U.S. Equity Index Futures Contracts

International Equity Index Futures Contracts
Total investment derivative instruments

Total

| $13,566,225$ <br> - |  | $17,530,027$ <br> 162,770 |
| :---: | :---: | ---: |
|  | $13,566,225$  <br>  $13,692,797$ | $\$ 18,090,416$ |

For the years ended December 31, 2014 and 2013, the change in fair value of the deferred inflows and outflows of the foreign currency contracts was not material to these financial statements.

## Note 8. Securities Lending

State Statutes and the investment policy permit the Plan to lend its securities to broker-dealers and other entities with a simultaneous agreement to return collateral for the same securities in the future. The Plan's custodian, acting as the lending agent, lends securities for collateral in the form of cash, U.S. Government obligations and irrevocable letters of credit equal to $102 \%$ of the fair value of domestic securities plus accrued interest and $105 \%$ of the fair value of foreign securities plus accrued interest.

The Plan does not have the right to sell or pledge securities received as collateral unless the borrower defaults. The average term of securities loaned was 108 days for 2014 and 120 days for 2013; however, any loan may be terminated on demand by either the Plan or the borrower. Cash collateral was invested in a separately managed portfolio, which had an average weighted maturity at December 31, 2014 and 2013 of 57 and 68 days, respectively.

## Note 8. Securities Lending (Continued)

As of December 31, 2014 and 2013, the fair value (carrying amount) of loaned securities was $\$ 1,386,654,050$ and $\$ 1,460,678,145$ respectively. As of December 31, 2014 and 2013, the fair value (carrying amount) of cash collateral received by the Plan was $\$ 1,308,676,647$ and $\$ 1,296,354,976$ respectively. The cash collateral is included as an asset and a corresponding liability on the combining statements of pension plan and postemployment healthcare plan net position. As of December 31, 2014 and 2013, the fair value (carrying amount) of non-cash collateral received by the Plan was $\$ 114,258,432$ and $\$ 200,236,534$ respectively.

Although the Plan's securities lending activities are collateralized as described above, they involve both market and credit risk. In this context, market risk refers to the possibility that the borrower of securities will be unable to collateralize the loan upon a sudden material change in the fair value of the loaned securities. Credit risk refers to the possibility that counterparties involved in the securities lending program may fail to perform in accordance with the terms of their contracts.

Indemnification deals with the situation in which a client's securities are not returned due to the insolvency of a borrower. The contract with the lending agent requires indemnification to the Plan if borrowers fail to return the securities or fail to pay the Plan for income distributions by the issuers of securities while the securities are on loan.

During 2014 and 2013, there were no losses due to default of a borrower or the lending agent.
A summary of securities loaned at fair value as of December 31, 2014 and 2013 is as follows:

$$
\underline{2014} \quad \underline{2013}
$$

Securities loaned - cash collateral

| U.S. and international equities | $\$$ | $778,694,618$ | $\$$ |
| :--- | ---: | ---: | ---: |
| U.S. Government and government |  | $558,921,925$ |  |
| $\quad$ agency obligations | $214,759,009$ |  | $348,629,295$ |
| Exchange traded funds | $176,699,691$ |  | $267,097,397$ |
| Corporate bonds | $104,884,614$ |  | $89,869,602$ |
| $\quad$Total securities loaned - cash collateral $1,275,037,932$ | $1,264,518,219$ |  |  |

Securities loaned - non-cash collateral
U.S. Government and government agency obligations

$\frac{111,616,118}{\$ 1,386,654,050}$$\quad$| $196,159,926$ |
| :--- |
| $1,460,678,145$ |

## Note 9. Commitments

As of December 31, 2014, the Plan had capital commitments of approximately $\$ 405,000,000$ for various limited partnership and private equity investments.

## Note 10. Postemployment Group Healthcare Benefit Plan

## Plan Description

The Plan administers a Postemployment Group Healthcare Benefit Plan (PGHBP), which is a single-employer defined benefit postemployment health plan. PGHBP provides a healthcare premium subsidy to annuitants who elect to participate in PGHBP. The Plan is currently allowed, in accordance with State Statutes, to pay all or a portion of medical insurance premiums for the annuitants. Presently, the Plan subsidizes approximately $52 \%$ and $67 \%$ of the monthly premiums for employee and spouse annuitants, respectively. The remaining premium cost is borne by the annuitant.

PGHBP is administered in accordance with Chapter 40, Article 5/9 of the Illinois Compiled Statutes, which assigns the authority to establish and amend benefit provisions to the Plan's Board of Trustees.

At December 31, 2014 and 2013, the number of annuitants and surviving spouses whose cost to participate in the program was subsidized, totaled 8,591 and 8,536 respectively.

The Plan's employees are also participants in the PGHBP. The Plan had 27 and 29 employees at December 31, 2014 and 2013, respectively. During years ended December 31, 2014 and 2013, the Plan paid healthcare premiums for 9 and 8 retired Plan employees, respectively. For active and retired Plan employees, the actuarially determined liability under GASB Statement No. 45, Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions, is included in the total actuarial liability and related GASB Statement No. 43 disclosure.

## Summary of Significant Accounting Policies

Method of Accounting - PGHBP's financial statements have been combined with the Plan's financial statements and are presented using the accrual basis of accounting. The Plan considers the premium subsidy an additional retirement benefit, with no contribution rate or asset allocation associated with it. The cost for postemployment group healthcare benefits is approximately equal to the premium subsidy. Actual costs may differ based on claims experience. Healthcare premium subsidies are recognized when due and payable.

Contributions - The Plan funds PGHBP on a "pay-as-you-go" basis.
Administrative Costs - Administrative costs associated with PGHBP are paid by the Plan's employer contributions.

Health Care Cost Trend Rates - 2014-8.0\% in the first year, decreasing by . $25 \%$ per year until an ultimate rate of $4.75 \%$ is reached for pre-medicare and $6.50 \%$ in the first year, decreasing by $.25 \%$ until an ultimate rate of $4.75 \%$ is reached for post-medicare. $2013-7.0 \%$ in the first year, decreasing by $.5 \%$ per year until an ultimate rate of $5.0 \%$ is reached.

Inflation Rate Assumption - 3.25\% per year.

## Note 10. Postemployment Group Healthcare Benefit Plan (Continued)

## Summary of Significant Accounting Policies (continued)

Actuarial Valuations - Actuarial valuations of the Plan involve estimates of the value of reported amounts and assumptions about the probability of events far into the future. Actuarially determined amounts are subject to continual revision as results are compared to past expectations and new estimates are made about the future. Actuarial calculations of the Plan reflect a long-term perspective and are based on the benefits provided under the terms of the Plan in effect at the time of each valuation and on the historical pattern of sharing of costs between the employer and Plan members to that point.

## Funded Status and Funding Progress

As of December 31, 2014, the most recent actuarial valuation date, the PGHBP was $0 \%$ funded on an actuarial basis. The actuarial accrued liability for benefits was $\$ 1,980,088,617$ and the actuarial value of assets was $\$ 0$, resulting in an unfunded actuarial accrued liability (UAAL) of $\$ 1,980,088,617$. The covered payroll (annual payroll of active employees covered by the Plan) was $\$ 1,514,550,023$ and the ratio of the UAAL to the covered payroll was $130.74 \%$.

The Schedule of Funding Progress, presented as Required Supplementary Information (RSI) following the notes to the financial statements, presents multi-year trend information about whether the actuarial values of the Plan assets are increasing or decreasing over time relative to the actuarial accrued liability for benefits.

## Note 11. Related Party Transactions

The Plan has common Trustees and shares office space with the Forest Preserve District Employees' Annuity and Benefit Fund of Cook County (the Forest Fund) who reimburses the Plan for shared administrative services provided by the Plan. During the years ended December 31, 2014 and 2013, the Plan allocated administrative expenditures of $\$ 90,660$ and $\$ 77,799$ respectively to the Forest Fund.

As of December 31, 2014 and 2013, the Forest Fund owes the Plan \$542,267 and \$462,893 respectively. These amounts include plan transfers of Plan members transferring from one plan to another.

## Note 12. Lease Agreements

The Plan leases its office facility under a fifteen year lease arrangement in effect through June 1, 2022. The lease calls for annual adjustments on the anniversary date of the commencement of the lease. Rent expense under this lease, net of rent abatements for the years ended December 31, 2014 and 2013, was $\$ 371,173$ and $\$ 381,013$ respectively.

The following is a schedule by year of the future minimum rental payments required under the noncancelable lease terms of this operating lease:

| Year ending December 31, |  |  |
| :--- | ---: | ---: |
| 2015 | $\$$404,372 <br> 2016 <br> 2017 <br> 2018 <br> 2019 <br> 2020 | 414,482 |
| 2021 | 424,844 |  |
| 2022 | 435,465 |  |
|  | 446,352 |  |
|  | 457,510 |  |
|  | 468,948 |  |
| 197,401 |  |  |

## Note 13. Pronouncements Issued Not Yet Effective

In June 2012, GASB issued Statement No. 68, Accounting and Financial Reporting for Pensions. This Statement replaces the requirements of Statement No. 27, Accounting for Pensions by State and Local Governmental Employers, and Statement No. 50, Pension Disclosures, as they relate to pensions that are provided through pension plans administered as trusts or similar arrangements that meet certain criteria. Statement No. 68 details the recognition and disclosure requirements for employers with liabilities to a defined benefit pension plan and for employer whose employees are provided with defined contribution pensions. Statement No. 68 is effective for the Plan's fiscal year ending December 31, 2015.

In November 2013, GASB issued Statement No. 71, Pension Transition for Contributions made Subsequent to the Measurement Date - an Amendment of GASB Statement No. 68. This standard requires that, at transition, a government recognize a beginning deferred outflow of resources for its pension contributions, if any, made subsequent to the measurement date of the beginning net pension liability. Statement No. 71 is effective for the Plan's fiscal year ending December 31, 2015.

## Note 13. Pronouncements Issued Not Yet Effective (continued)

In March 2015, GASB issued Statement No. 72, Fair Value Measurement and Application, which provides guidance for fair value measurement and application. The Statement defines fair value, provides guidance for determining fair value measurement for financial reporting purposes and specifies required disclosures related to fair value measurements. Statement No. 72 is effective for the Plan's fiscal year ending December 31, 2016.

In June 2015, GASB issued Statement No. 73, Accounting and Financial Reporting for Pensions and Related Assets that are not within the Scope of GASB Statement 68, and Amendments to Certain Provisions of GASB Statements 67 and 68, which establishes requirements for defined benefit pensions that are not within the scope of GASB Statement No. 68 and amends certain provisions of GASB Statements No. 67 and No. 68 for pension plans and pensions that are not within their respective scopes. Statement No. 73 is effective for the Plan's fiscal year ending December 31, 2016.

In June 2015, GASB issued Statement No. 74, Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans, which replaces GASB Statements No. 43 and No. 57 in regards to the information provided in the plan's financial statements about postemployment benefits other than pensions. Statement No. 74 is effective for the Plan's fiscal year ending December 31, 2017.

In June 2015, GASB issued Statement No. 75, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions, which replaces GASB Statement No. 45 in regards to the information provided in the employer's financial statements about postemployment benefits other than pensions. Statement No. 75 is effective for the Plan's fiscal year ending December 31, 2018.

In June 2015, GASB issued Statement No. 76, The Hierarchy of Generally Accepted Arcounting Principles for State and Local Governments, which supersedes GASB Statement No. 55 and reduces the GAAP hierarchy to two categories of authoritative GAAP. GASB Statement No. 76 addresses the use of authoritative and non-authoritative literature in the event that the accounting treatment for a transaction or other event is not specified within a source of authoritative GAAP. Statement No. 76 is effective for the Plan's fiscal year ending December 31, 2016.

In August 2015, GASB issued Statement No. 77, Tax Abatement Disclosures, which specifies the required disclosures for governments that enter into tax abatement agreements. Statement No. 77 is effective for the Plan's fiscal year ending December 31, 2016.

The Plan is currently evaluating the impact of adopting the above GASB Statements.

## REQUIRED SUPPLEMENTARY INFORMATION

# County Employees' and Officers' Annuity and Benefit Fund of Cook County 

Required Supplementary Information - Pension
Schedule of Changes in the Employer's Net Pension Liability and Related Ratios
December 31, 2014

Total pension liability

| Service cost | $\$ 491,887,347$ |
| :--- | :---: |
| Interest | $958,433,835$ |
| Changes of benefit terms | - |
| Difference between expected and actual experience | - |
| Changes of assumptions | - |
| Expected benefit payments, including refunds of employee contributions | $\underline{(622,003,259)}$ |
| t change in total pension liability $828,317,923$ <br> tal pension liability $\underline{21,117,643,943}$ <br> Beginning of year $\underline{\$ 21,945,961,866}$ |  |
| End of year |  |

Plan fiduciary net position
Contributions - employe
\$ 146,075,414
Contributions - employee
Net investment income
Expected benefit payments, including refunds of employee contributions 129,325,318

Administrative expenses
488,890,897

Other
Net change in plan fiduciary net position
Plan fiduciary net position
Beginning of year
End of year
8,927,366,656
\$ 9,068,398,780
Employer's net pension liability
$\$ 12,877,563,086$
Plan fiduciary net position as a percentage of the total pension liability
Covered-employee payroll
\$ 1,514,550,023
Employer's net pension liability as a percentage of covered-employee payroll
$\underline{\underline{850.26} \%}$

|  |  | $\underline{2014}$ |  | $\underline{2013}$ |  | $\underline{2012}$ |  | 2011 |  | $\underline{2010}$ |  | $\underline{2009}$ |  | 2008 |  | 2007 |  | $\underline{2006}$ |  | 2005 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Actuarially determined contribution | \$ | 515,162,097 | \$ | 595,370,046 | \$ | 540,218,287 | \$ | 493,724,370 | \$ | 454,327,461 | \$ | 352,850,988 | \$ | 283,892,734 | \$ | 287,061,532 | \$ | 282,223,686 | \$ | 428,971,126 |
| Contributions in relation to the actua determined contribution |  | $(146,075,414)$ |  | (147, 720,014) |  | (152,734,539) |  | (160,652,118) |  | (144,539,577) |  | $(152,506,089)$ |  | (150,227,360) |  | (230,114,335) |  | $(198,619,984)$ |  | $(218,292,478)$ |
| Contribution deficiency | \$ | 369,086,683 | \$ | 447,650,032 | \$ | 387,483,748 | \$ | 333,072,252 | \$ | 309,787,884 | \$ | 200,344,899 | \$ | 133,665,374 | \$ | 56,947,197 | \$ | 83,603,702 | \$ | 210,678,648 |
| Covered employee payroll |  | 1,514,550,023 |  | 1,484,269,715 |  | 1,478,253,368 |  | 1,456,444,123 |  | 1,494,093,569 |  | 1,498,161,713 |  | 1,463,372,408 | \$ | 1,370,844,734 |  | 1,412,878,627 |  | 1,387,459,142 |
| Contributions as a percentage of covered employee payroll |  | 9.64\% |  | 9.95\% |  | 10.33\% |  | 11.03\% |  | 9.67\% |  | 10.18\% |  | 10.27\% |  | 16.79\% |  | 14.06\% |  | 15.73\% | il

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# County Employees' and Officers' Annuity and Benefit Fund of Cook County <br> Required Supplementary Information - Pension Schedule of Investment Returns 

December 31, 2014

## SUPPLEMENTARY INFORMATION

## County Employees' and Officers' Annuity and Benefit Fund of Cook County <br> Required Supplementary Information - Postemployment Healthcare <br> Schedule of Funding Progress


(1) = Change in actuarial assumptions.

## County Employees' and Officers' Annuity and Benefit Fund of Cook County

## Required Supplementary Information - Postemployment Healthcare

Schedule of Employer Contributions

|  | $\begin{array}{c}\text { Annual } \\ \text { Required } \\ \text { Contribution }\end{array}$ | $\begin{array}{c}\text { Required } \\ \text { Statutory } \\ \text { Basis } \\ \text { (ARC) (a) }\end{array}$ | $\begin{array}{c}\text { (b) }\end{array}$ | $\begin{array}{c}\text { Employer } \\ \text { Contributions } \\ \text { (c) }\end{array}$ |
| :---: | :---: | :---: | :---: | :---: | \(\left.\begin{array}{c}Percent <br>

of ARC <br>
Contributed <br>
(c/a)\end{array}\right]\)

# County Employees' and Officers' Annuity <br> and Benefit Fund of Cook County 

## Required Supplementary Information - Postemployment Healthcare

## Notes to Schedule of Funding Progress and Schedule of Employer Contributions

The information presented in the required supplementary information was determined as part of the actuarial valuation at the date indicated. Additional information as of the latest actuarial valuation follows:

Valuation date
Actuarial cost method
Amortization method
Amortization period

Actuarial assumptions
Discount rate

Inflation

Health care cost trend rate

Mortality rates

Retirement age assumptions

December 31, 2014
Entry age actuarial cost as a percentage of earnings
Level Dollar - Open
30 years

## 4.5\% per year

$3.25 \%$ per year

2014-8.0\% in the first year, decreasing by $.25 \%$ per year until an ultimate rate of $4.75 \%$ is reached for pre-medicare and $6.50 \%$ in the first year decreasing by $.25 \%$ per year until an ultimate rate of $4.75 \%$ is reached for post-medicare.
$2013-7.0 \%$ in the first year, decreasing by $.5 \%$ per year until an ultimate rate of $5.0 \%$ is reached.

RP-2000 Blue Collar Mortality Table, base year 2000, fully generational based on Scale BB

Based on actual past experience assume all employees retire by age 75

# County Employees' and Officers' Annuity and Benefit Fund of Cook County 

## Schedules of Net Administrative Expenses and Professional and Consulting Fees

Years Ended December 31, 2014 and 2013

2014

| Administrative expenses |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Bank charges | \$ | 31,028 | \$ | 29,692 |
| Document imaging |  | 264,855 |  | 227,989 |
| Election expense |  | 103,151 |  | 109,796 |
| Employee benefits |  | 466,979 |  | 417,175 |
| Insurance - fidelity, fiduciary and liability |  | 102,517 |  | 114,761 |
| Maintenance of equipment, systems, software and support |  | 442,963 |  | 271,338 |
| Membership, conference and training |  | 45,578 |  | 19,495 |
| Office buildout expense |  | 90,144 |  | - |
| Office expense |  | 71,948 |  | 97,840 |
| Postage |  | 92,933 |  | 104,996 |
| Printing and stationery |  | 63,003 |  | 73,556 |
| Professional and consulting fees |  | 706,976 |  | 389,285 |
| Recovery site expense |  | 40,591 |  | 35,359 |
| Regulatory filing fees |  | 8,000 |  | 8,000 |
| Rent |  | 371,173 |  | 381,013 |
| Salaries |  | 2,183,661 |  | 2,108,679 |
| Utilities |  | 15,366 |  | 13,459 |
| Total |  | 5,100,866 |  | 4,402,433 |
| Less administrative expenses allocated to Forest Preserve District Employees' Annuity and Benefit Fund of Cook County |  | $(90,660)$ |  | $(77,799)$ |
| Net administrative expenses | \$ | 5,010,206 | \$ | 4,324,634 |
| Professional and consulting fees |  |  |  |  |
| Actuarial service | \$ | 107,345 | \$ | 126,182 |
| Audit |  | 68,446 |  | 40,183 |
| Consulting |  | 130,400 |  | 122,583 |
| Legal |  | 97,185 |  | 76,509 |
| Lobbyist |  | 26,771 |  | 23,828 |
| Pension information systems advisory services |  | 276,829 |  | - |
| Total | \$ | 706,976 | \$ | 389,285 |

Less administrative expenses allocated to Forest Preserve District Employees' Annuity and Benefit Fund of Cook County

Net administrative expenses
Professional and consulting fees

| Administrative expenses |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Bank charges | \$ | 31,028 | \$ | 29,692 |
| Document imaging |  | 264,855 |  | 227,989 |
| Election expense |  | 103,151 |  | 109,796 |
| Employee benefits |  | 466,979 |  | 417,175 |
| Insurance - fidelity, fiduciary and liability |  | 102,517 |  | 114,761 |
| Maintenance of equipment, systems, software and support |  | 442,963 |  | 271,338 |
| Membership, conference and training |  | 45,578 |  | 19,495 |
| Office buildout expense |  | 90,144 |  | - |
| Office expense |  | 71,948 |  | 97,840 |
| Postage |  | 92,933 |  | 104,996 |
| Printing and stationery |  | 63,003 |  | 73,556 |
| Professional and consulting fees |  | 706,976 |  | 389,285 |
| Recovery site expense |  | 40,591 |  | 35,359 |
| Regulatory filing fees |  | 8,000 |  | 8,000 |
| Rent |  | 371,173 |  | 381,013 |
| Salaries |  | 2,183,661 |  | 2,108,679 |
| Utilities |  | 15,366 |  | 13,459 |
| Total |  | 5,100,866 |  | 4,402,433 |
| Less administrative expenses allocated to Forest Preserve District Employees' Annuity and Benefit Fund of Cook County |  | $(90,660)$ |  | $(77,799)$ |
| Net administrative expenses | \$ | 5,010,206 | \$ | 4,324,634 |
| Professional and consulting fees |  |  |  |  |
| Actuarial service | \$ | 107,345 | \$ | 126,182 |
| Audit |  | 68,446 |  | 40,183 |
| Consulting |  | 130,400 |  | 122,583 |
| Legal |  | 97,185 |  | 76,509 |
| Lobbyist |  | 26,771 |  | 23,828 |
| Pension information systems advisory services |  | 276,829 |  | - |
| Total | \$ | 706,976 | \$ | 389,285 |

Total
$\underline{2013}$

# County Employees' and Officers' Annuity and Benefit Fund of Cook County 

## Schedules of Investment Expenses

Years Ended December 31, 2014 and 2013

|  | $\underline{2014}$ | $\underline{2013}$ |
| :--- | ---: | ---: |
| INVESTMENT MANAGER EXPENSE |  |  |
| American Realty Advisors | $\$ 23,666$ | $\$ 882,476$ |
| Ariel Investments | 286,491 | - |
| Blackstone Alternative Asset Management | $4,157,108$ | $3,802,596$ |
| Capri Capital Partners | 244,939 | 330,021 |
| CastleArk Management | 468,586 | - |
| CBRE Global Investors | 355,630 | 182,206 |
| Channing Capital Management | $1,262,093$ | 961,801 |
| Chicago Equity Partners | 329,173 | 406,030 |
| Cozad Asset Management, Inc. | 348,224 | 255,077 |
| Credit Suisse Securities | 57,642 | 65,696 |
| Diversified Global Asset Management | $2,032,829$ | $1,950,095$ |
| Evergreen Venture Partners | 3,921 | 11,030 |
| Fiduciary Management Associates | 645,070 | 572,866 |
| Fortaleza Asset Management, Inc. | 117,893 | 108,027 |
| Franklin Templeton Investments | $2,326,377$ | $1,712,470$ |
| Frontier Capital Management | 922,650 | 755,609 |
| Great Lakes Advisors, Inc. | 370,534 | 331,871 |
| Herndon Capital Management | 375,111 | 332,443 |
| J.P. Morgan Asset Management | $2,062,141$ | $1,530,764$ |
| John Buck Company | 90,260 | 96,728 |
| Killian Capital Management | 232,647 | 173,437 |
| LaSalle Investment Management | 300,000 | 583,767 |
| Lazard Asset Management, LLC | 583,706 | 542,307 |
| Lightspeed Venture Partners | 9,429 | 19,815 |
| LM Capital Group, LLC | 497,803 | 444,018 |
| Lombardia Capital | 125,396 | - |
| Loomis Sayles \& Company, LP | 789,040 | 764,351 |
| MacKay Shields | 822,394 | 784,301 |
| Mellon Capital | 121,818 | 143,276 |
| Mesirow Financial | 913,031 | 351,073 |
| Mondrian Investment Partners, Ltd. | 919,035 | 849,296 |
|  |  |  |

# County Employees' and Officers' Annuity and Benefit Fund of Cook County 

## Schedules of Investment Expenses

Years Ended December 31, 2014 and 2013

|  | $\underline{2014}$ |  | $\underline{2013}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| Investment manager expense (CONTINUED) |  |  |  |  |
| Muller and Monroe Asset Management | \$ | 11,742 | \$ | 15,610 |
| NCM Capital |  | 294,627 |  | 345,036 |
| New Century Investment Management |  | 411,532 |  | 397,841 |
| Opus Capital Group |  | 1,631 |  | 7,455 |
| Pacific Venture Group |  | 28,306 |  | 25,601 |
| Progress Investment Management |  | 1,627,372 |  | 1,407,683 |
| Prudential Real Estate Investors |  | 677,304 |  | 671,845 |
| RhumbLine Advisers |  | 114,546 |  | 105,543 |
| Robeco Investment Management |  | - |  | 96,650 |
| Russell Implementation Services, Inc. |  | 765,530 |  | 831,660 |
| SPC Capital Management |  | 94,167 |  | 100,000 |
| State Street Global Advisors |  | 314,418 |  | 312,374 |
| The Rock Creek Group |  | 1,267,862 |  | 1,196,907 |
| Thornburg Investment Management |  | 706,025 |  | 1,133,340 |
| TIAA-CREF |  | 714,956 |  | 682,615 |
| Trident Capital |  | - |  | 42,029 |
| Wells Capital Management |  | 870,372 |  | 151,440 |
| William Blair \& Company |  | 847,206 |  | 734,527 |
|  |  | 31,242,233 |  | 27,001,603 |
| Investment consulting fees |  |  |  |  |
| Callan Associates Inc. |  | 375,568 |  | 370,154 |
| Investment custodian fees |  |  |  |  |
| BNY Mellon |  | 173,544 |  | 151,723 |
| Total investment expenses | \$ | 31,791,345 | \$ | 27,523,480 |

## County Employees' and Officers' Annuity and Benefit Fund of Cook County

## Additions By Source

| Year Ended | Net Investment and Net Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Lending |  |  |  |  |  |  |
|  | Employer | Employee |  | Income | Other |  | Total |
| December 31, | Contributions | Contributions |  | (1) | (2) |  | Additions |
| 2009 | \$183,713,870 | \$127,795,881 | \$ | 1,013,615,250 | \$11,741,894 | \$ | 1,336,866,895 |
| 2010 | \$181,509,323 | \$129,449,866 | \$ | 832,882,639 | \$12,966,051 | \$ | 1,156,807,879 |
| 2011 | \$195,337,621 | \$127,577,473 | \$ | 82,701,033 | \$17,614,316 | \$ | 423,230,443 |
| 2012 | \$190,720,776 | \$128,869,508 | \$ | 887,687,519 | \$10,190,689 | \$ | 1,217,468,492 |
| 2013 | \$187,817,644 | \$127,593,220 | \$ | 1,179,440,119 | \$ 8,547,729 | \$ | 1,503,398,712 |
| 2014 | \$190,032,872 | \$129,325,318 | \$ | 488,890,897 | \$ 9,742,062 | \$ | 817,991,149 |

## Deductions By Type

| Year Ended | Net |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Benefits | Refunds |  | Administrative | Total |  |
| December 31, |  |  |  | Expenses |  | Deductions |
| 2009 | \$452,007,855 | \$ | 20,404,911 | \$ 4,248,287 | \$ | 476,661,053 |
| 2010 | \$482,523,408 | \$ | 25,041,818 | \$ 4,074,955 | \$ | 511,640,181 |
| 2011 | \$523,396,627 | \$ | 29,165,335 | \$ 4,078,843 | \$ | 556,640,805 |
| 2012 | \$ 561,391,035 | \$ | 33,081,726 | \$ 4,303,353 | \$ | 598,776,114 |
| 2013 | \$601,770,020 | \$ | 29,873,030 | \$ 4,324,634 | \$ | 635,967,684 |
| 2014 | \$645,601,458 | \$ | 26,347,361 | \$ 5,010,206 | \$ | 676,959,025 |

1 - Includes realized and unrealized net gain or loss on investments and net securities lending income.
2 - Includes employer federal subsidized programs, Medicare Part D, prescription/repayment plan rebates and miscellaneous income. Early Retirement Reinsurance Program is included in 2011 and 2012.

# County Employees' and Officers' Annuity and Benefit Fund of Cook County 

## Schedule of Employer Contributions Receivable

December 31, 2014

| Levy Year | Contributions Receivable | Uncollected <br> Balance |  | Reserved |  |  | Net Contributions Receivable |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2013 | \$ 192,969,505 | \$ | 15,731,927 | \$ | 5,399,609 |  | 10,332,318 |
| 2014 | \$ 194,668,229 |  | 194,668,229 |  | 5,423,621 |  | 189,244,608 |
|  |  | \$ | 210,400,156 | \$ | 10,823,230 | \$ | 199,576,926 |

Note:
Employer contributions are funded primarily through a County tax levy.
Uncollected employer contributions for the 2012 and prior levy years are fully reserved.


[^0]:    Actuarially determined contribution rates are calculated as of December 31, one year prior to the fiscal year in which contributions are reported.

    | Methods and assumptions used to <br> determine contribution rates <br> Actuarial cost method | Entry Age Normal |
    | :--- | :--- |
    | Amortization method | Level Dollar - Open |
    | Remaining amortization period | 30 years |
    | Asset valuation method | Five Year Smoothed Average Market |
    | Inflation | $3.25 \%$ per year, compounded annually |
    | Salary increases | $3.75 \%$ to 8\%, based on age |
    | Investment rate of return | $7.5 \%$ per year, compounded annually |
    | Retirement age | Based on actual past experience, assume all employees retire by age 75 |
    | Mortality | RP-2000 Blue Collar Mortality Table, base year 2000, fully generational based on Scale BB, |
    | Postretirement annuity increases | Tier 1 participants - $3.0 \%$ compounded annually. |
    |  | Tier 2 participants - the lesser of $3.0 \%$ or one half of the increase in the Consumer Price Index |

