

# Illinois Public Retirement Systems

December 2012



## A Report on the Financial Condition of the Chicago, Cook County and Illinois Municipal Retirement Fund Systems of Illinois

Chicago Transit Authority Retirement Fund

Cook County Employees' Pension Fund

Cook County Forest Preserve Employees' Pension Fund

Firemen's Annuity and Benefit Fund of Chicago

Illinois Municipal Retirement Fund

Laborers' Annuity and Benefit Fund of Chicago

Metropolitan Water Reclamation District Retirement Fund

Municipal Employees' Annuity and Benefit Fund of Chicago

Park Employees' Annuity and Benefit Fund of Chicago

Policemen's Annuity and Benefit Fund of Chicago

Public School Teachers' Pension and Retirement Fund of Chicago

Commission on Government Forecasting & Accountability

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***DECEMBER, 2012***

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## **Executive Summary**

This report examines the financial status of various public employee retirement systems in Chicago, Cook County and the Illinois Municipal Retirement Fund, as of Fiscal Year 2012. The following is a summary of the findings:

- The Chicago Transit Authority Retirement Fund covers all employees of the Chicago Transit Authority. At the end of 2011 there were 8,751 active employees and 7,694 employee annuitants. Total Actuarial Assets of the system at the end of that year were \$1.662 Billion and Total Actuarial Liabilities were \$2.808 Billion.
- The Cook County Employees' Retirement Fund covers all persons employed and paid by the County. At the end of 2011 there were 22,037 active employees and 13,023 employee annuitants. Total Actuarial Assets of the system at the end of that year were \$7.897 Billion and Total Actuarial Liabilities were \$13.724 Billion.
- The Cook County Employees' Retirement Fund active member headcount has dropped by approximately 3,700 employees since 2005. This is due mainly to positions not being filled by attrition and an Alternative Retirement Cancellation Payment Option that was offered to Cook County employees in 2007 (P.A. 95-0369).
- The Cook County Forest Preserve Employees' Retirement Fund covers all persons employed and paid by the Forest Preserve. At the end of 2011 there were 408 active employees and 348 employee annuitants. Total Actuarial Assets of the system at the end of that year were \$178.1 Million and Total Actuarial Liabilities were \$289.3 Million.
- The Firemen's Annuity and Benefit Fund of Chicago covers anyone employed by the City of Chicago in its fire services whose duty it is to in anyway participate in the work of controlling and extinguishing fires. At the end of 2011 there were 4,842 active employees and 2,665 employee annuitants. Total Actuarial Assets of the system at the end of that year were \$1.101 Billion and Total Actuarial Liabilities were \$3.899 Billion.
- The Illinois Municipal Retirement Fund covers employees hired by the following units of government: (1) All counties except Cook and all school districts except Chicago, (2) Other units of government with general taxing powers, such as cities, villages, townships and special districts, (3) Units of government without general taxing powers, associations or cooperatives authorized to participate by State statute. At the end of 2011 there were 175,844 active employees and 86,241 employee annuitants. Total Actuarial Assets of the system at the end of that year were \$27.711 Billion and Total Actuarial Liabilities were \$30.963 Billion.



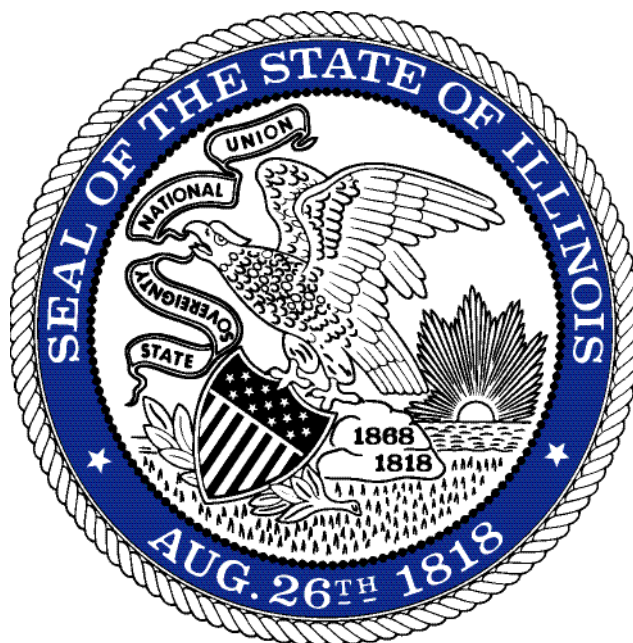
- The Laborers' Annuity and Benefit Fund of Chicago covers persons employed by the City of Chicago in a position classified as labor service by the employer; anyone employed by the Board, anyone employed by the Retirement Board of any other Annuity and Benefit Fund. At the end of 2011 there were 2,852 active employees and 2,721 employee annuitants. Total Actuarial Assets of the system at the end of that year were \$1.422 Billion and Total Actuarial Liabilities were \$2.171 Billion.
- The Metropolitan Water Reclamation District Retirement Fund covers any person employed by the District whose duties include service during a calendar year for a minimum of 120 days. At the end of 2011 there were 1,888 active employees and 1,683 employee annuitants. Total Actuarial Assets of the system at the end of that year were \$1.097 Billion and Total Actuarial Liabilities were \$2.101 Billion.
- The Municipal Employees' Annuity and Benefit Fund of Chicago covers persons appointed under civil service rules who are employed by the City of Chicago and Board of Education of Chicago (except teachers); temporary and non-career service employees; aldermen and other officials of the City and the Board that make written application. At the end of 2011 there were 31,976 active employees and 18,813 employee annuitants. Total Actuarial Assets of the system at the end of that year were \$5.552 Billion and Total Actuarial Liabilities were \$12.456 Billion.
- The Park Employees' Annuity and Benefit Fund of Chicago covers all persons employed by the Chicago Park District. At the end of 2011 there were 2,795 active employees and 2,096 employee annuitants. Total Actuarial Assets of the system at the end of that year were \$489.4 Million and Total Actuarial Liabilities were \$843.9 Million.
- The Policemen's Annuity and Benefit Fund of Chicago covers any employee in the Police Department of the City of Chicago sworn and designated by law as a police officer. At the end of 2011 there were 12,236 active employees and 8,763 employee annuitants. Total Actuarial Assets of the system at the end of that year were \$3.445 Billion and Total Actuarial Liabilities were \$9.688 Billion.
- The Public School Teachers' Pension and Retirement Fund of Chicago covers certified teachers and employees of the Chicago public schools. At the end of FY 2011 there were 30,133 active employees and 21,977 employee annuitants. Total Actuarial Assets of the system on that date were \$10.109 Billion and Total Actuarial Liabilities were \$16.941 Billion.



- The Public School Teachers' Pension and Retirement Fund of Chicago headcount has dropped by approximately 6,500 employees since FY 2005, This is due to early retirements and teachers opting to retire under the Pension Enhancement Program (PEP), which allows teachers to sell a portion of unused sick days back to the employer.
- At the end of each system's chapter is a funding projection of the pension system's financial condition. These projections were provided by the systems and are presented in the original time frames and formats submitted to CGFA.
- The effects of P.A. 96-0889 (SB 1946) and P.A. 1495 (SB 3538) are included in the projections for all of the systems.
- Almost all of the systems included in this report have seen headcount reductions during 2010 and 2011.
- The Chicago Transit Authority lowered its actuarial assumption on the future investment rate of return from 8.75% to 8.50% annually as of the most recent valuation, i.e., FY 2011.
- Most of the retirement systems profiled in this report have provided CGFA staff with multi-year funding projections performed by the systems' actuaries. Unless otherwise noted, all long-term funding projections are based upon the retirement system's Fiscal Year or Calendar Year 2011 actuarial valuation. The statutory funding requirements differ for each system and are outlined at the beginning of each system's chapter under the heading "Required Employer Contributions". In cases where a recent legislative enactment has changed a particular system's funding requirement, the Public Act number is displayed in the tables showing multi-year funding projections.
- Please note that the following systems are projected to completely run out of assets in the following years, i. e., their total assets will reach zero: Chicago Laborers (2031), Chicago Municipal (2030).



**I. Public Act 96-0889 (SB 1946) and  
Public Act 1495 (SB 3538)**





# **Public Act 96-0889**

## **Senate Bill 1946 – Cullerton (Madigan)**

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### **I. Overview of Key Provisions of Public Act 96-0889 (SB 1946)**

#### **Effective Date**

- January 1, 2011

#### **Systems Impacted**

- IMRF, Chicago Municipal, Cook County, Cook County Forest Preserve, Chicago Laborers, Chicago Park District, Metropolitan Water, SERS, SURS, TRS, Chicago Teachers (Judges and GA separate; CTA, Police, and Fire excluded)

#### **Retirement Eligibility – Except State Policemen, Firefighters, and Correctional Guards**

- Normal Retirement: 67 years old with 10 years of service
- Early Retirement: 62 years old with 10 years of service with a 6% per year reduction in benefits for each year age is under 67
- Annuity based on highest 8 years out of last 10 years of service
- Annual Final Average Salary may not exceed \$106,800, as automatically increased by the lesser of 3% or one-half of the annual increase in the CPI-U during the preceding 12-month calendar year

#### **Retirement Eligibility – State Policemen, Firefighters, and Correctional Guards**

- Normal Retirement: 60 years old with 20 years of service
- State Policemen, Firefighters, DOC Guards are still eligible for Alternative Formula

#### **Annual Increases in Annuity**

- Increases begin at the later of the first anniversary of retirement or at age 67
- Increases equal to the lesser of 3% or one-half the annual increase in the CPI-U during the preceding 12-month calendar year; if increase in CPI is zero or if there is a decrease in CPI, then no COLA is payable
- Increase not compounded

#### **Survivor Benefits**

- 66.7% of the earned retirement benefit at death
- Increased by the lesser of 3% or one-half of the annual increase in the CPI-U during the preceding 12-month calendar year
- Increases not compounded

**“Double Dipping” Prohibited**

- Prohibition on simultaneously collecting a pension and a salary with public employer.

**Chicago Teachers’ Extension of Funding Plan**

- Contributions specified in Fiscal Years 2011 – 2014
- New Goal: CTPF must reach 90% by 2059 (currently 2045)
- CTPF Actuary estimates re-amortization, together with second tier, will cost Chicago Public Schools \$12.1 billion from FY 2011 – FY 2059

**Retirement Eligibility – Judges and General Assembly**

- Normal Retirement: 67 years old with 8 years of service
- Early Retirement: 62 years old with 8 years of service

**Change in Benefit Formula – Judges and General Assembly**

- 3% of Final Average Salary for each year of service
- Maximum annuity 60% of Final Average Salary
- Retirement annuity based on highest 8 out of final 10 years of service

**Annual Increase in Annuity – Judges and General Assembly**

- Increases begin after attainment of age 67
- Increases equal to the lesser of 3% or one-half of the annual increase in the CPI-U during the preceding 12-month calendar year
- Increases compounded

**Annual Increase in Survivor’s Annuity – Judges and General Assembly**

- 66.7% of the earned retirement benefit at death
- Increased by the lesser of 3% or one-half of the annual increase in the CPI-U during the preceding 12-month calendar year
- Increases compounded

# **Public Act 96-1495**

## **Senate Bill 3538 – Link (McCarthy)**

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### **I. Overview of Key Provisions of Public Act 96-1495 (SB 3538)**

#### **Effective Date**

- New employees beginning service after January 1, 2011

#### **Systems Impacted**

- IMRF (Sheriff's Law Enforcement Employees), Chicago Police, Chicago Firefighters, Downstate Police, Downstate Firefighters

#### **Retirement Eligibility**

- Normal Retirement: 55 years old with 10 years of service
- Early Retirement: 50 years old with 10 years of service with a 0.5% per month reduction in benefits for each month age is under 55
- Annuity based on highest 8 years out of last 10 years of service
- Annual Final Average Salary may not exceed \$106,800, as automatically increased by the lesser of 3% or one-half of the annual increase in the CPI-U during the preceding 12-month calendar year

#### **Annual Increases in Annuity**

- Increases begin at the later of the first anniversary of retirement or at age 60
- Increases equal to the lesser of 3% or one-half the annual increase in the CPI-U during the preceding 12-month calendar year; if increase in CPI is zero or if there is a decrease in CPI, then no COLA is payable
- Increase not compounded

#### **Survivor Benefits**

- 66.7% of the earned retirement benefit at death
- Increased by the lesser of 3% or one-half of the annual increase in the CPI-U during the preceding 12-month calendar year
- Increases not compounded

#### **Funding Requirements**

- Downstate and Chicago municipal contributions must be sufficient to achieve a 90% funded ratio by FY 2040 using a level percentage of payroll contribution rate
- Whenever city contributions are not sufficient to achieve this funding goal, the retirement system will notify the Illinois State Comptroller
- Upon receiving this notification, the Comptroller will divert funds owed by the State to the City in a sufficient amount to eliminate the shortfall in contributions



- The State may divert all of the funds owed to the city beginning in FY2018. The diversion limit in FY 2016 is 33.3% and is 66.7% in FY 2017

**Calculation of the Funded Ratio**

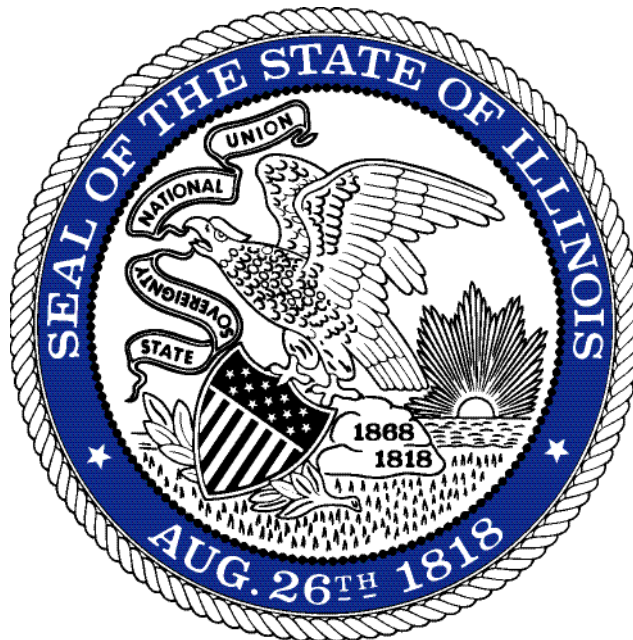
- Asset Market Values equal Asset Actuarial Values on March 30, 2011
- Thereafter, Asset Actuarial Values will be used for all funded ratios
- Income smoothing will be used after March 30, 2011 to calculate Asset Actuarial Values. A 5 year period (20% per year rate) will be used to recognize all investment revenues and losses

**Pension Calculations**

- Retirement annuities are calculated to equal 2.5% of final average salary times the total years of service
- Total retirement annuities are limited to 75% of final average salary

## II. Chicago Transit Authority Retirement Fund

- Plan Summary
- Active Employees
- Employee Annuitants
- Average Salaries
- Average Retirement Annuity
- Funded Ratios
- Change in Unfunded Liabilities
- Investment Income
- Investment Rates of Return
- Pension Projections
- Systems Experience
- Changes in Net Assets



**Note: All data shown in this section is based upon the system's Actuarial Valuation and CAFR as of December 31, 2011.**



# Chicago Transit Authority Pension Fund

## Plan Summary

### Retirement Age

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- Normal Retirement Age for CTA employees is 65.
- Employees hired before January 18, 2008 may retire early at age 55 with 3 years of continuous service, or after completion of 25 years of continuous service. (Employees who have at least 25 years of service do not have their annuities reduced by 5% for each year younger than 65, regardless of age). Employees hired after September 5, 2001 may retire with unreduced benefits after attaining age 55 and completing 25 years of service.
- For employees hired after January 18, 2008, an employee may retire with unreduced benefits upon attainment of age 64 with 25 years of service. An employee may retire with a reduced benefit upon attainment of age 55 with 10 years of service (reduction of 5% for each year or fraction younger than age 65).

### Retirement Formula

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- 2.15% of final average salary for each year of service for employees retiring on or after January 1, 2001.

### Maximum Annuity

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- 70% of final average salary.

### Salary Used to Calculate Pension

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- Highest average compensation over any four calendar years out of the final 10 years of service prior to normal retirement.

### Annual COLA

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- Made on an ad-hoc basis; most recent increase of \$40 per month for members who retired after 1/1/91 but before 1/1/00

### Employee Contributions

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- 6.0% of salary (effective Jan. 18, 2008)

### Employer Contributions

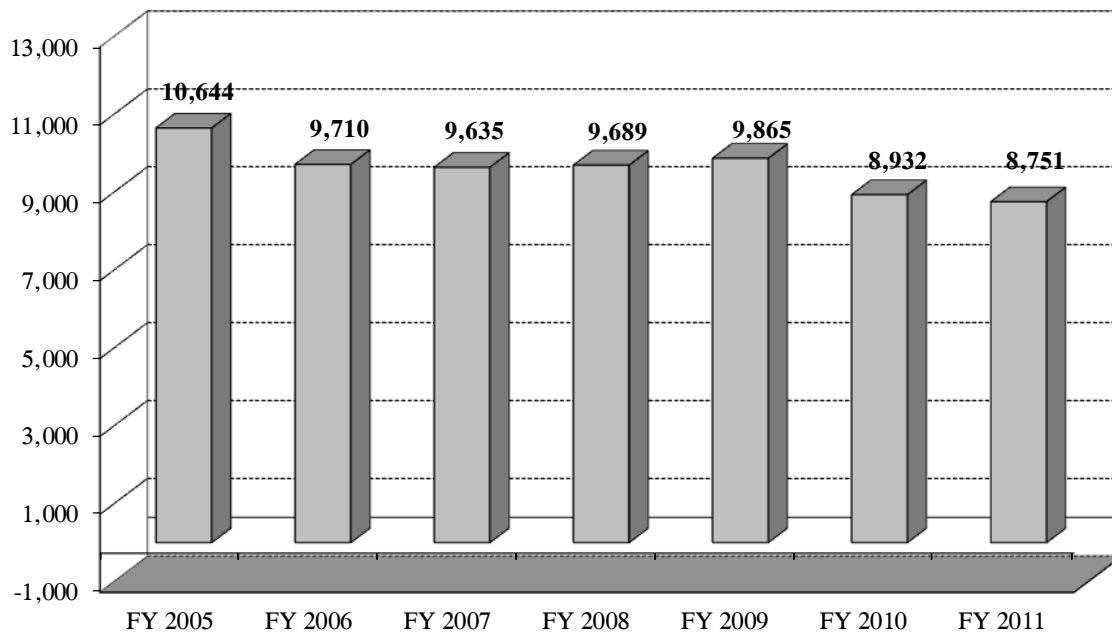
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- 12.0% of salary (effective Jan. 18, 2008)

Notes – (1) If the funded ratio for the retirement plan is projected to drop below 60% in any year before 2040, the Board will increase employee and employer contributions by the amount necessary to prevent the drop below 60% by 2040. Two thirds of any required rate increase will be paid by the employer and one third will be paid by the employees. (2) For years through 2040, contributions made by the CTA with respect to debt service on pension obligation bonds shall be treated as a credit against the amount of the required contribution up to an amount not to exceed 6% of compensation paid by the Authority in the following fiscal year.

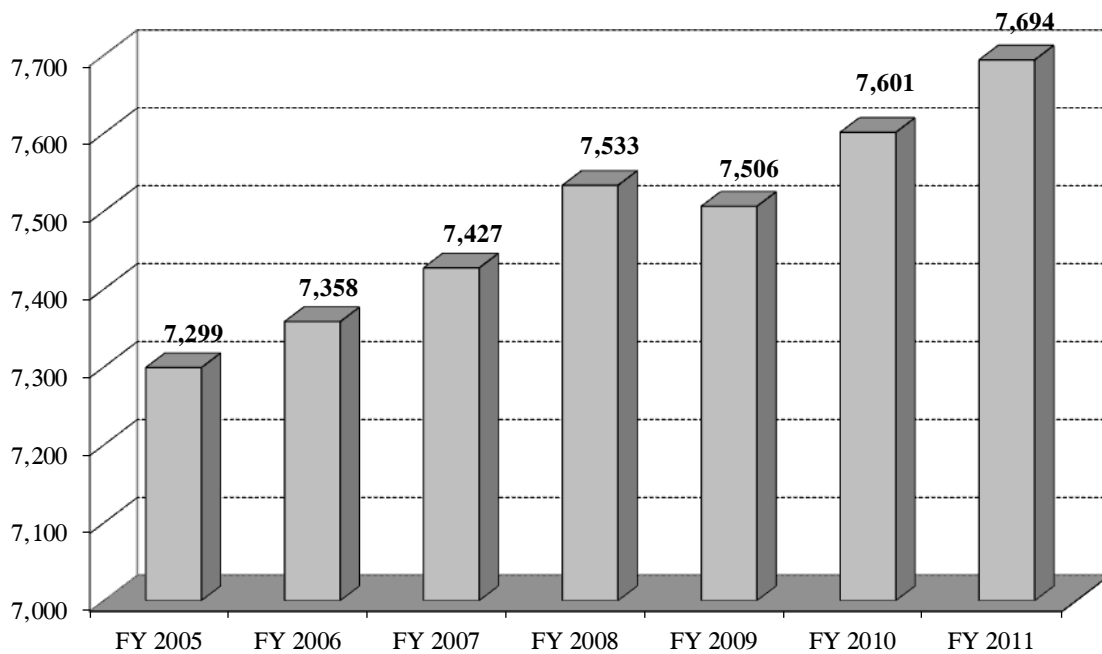
**CHART 1**

**CHICAGO TRANSIT AUTHORITY PENSION FUND**  
**Active Employees**



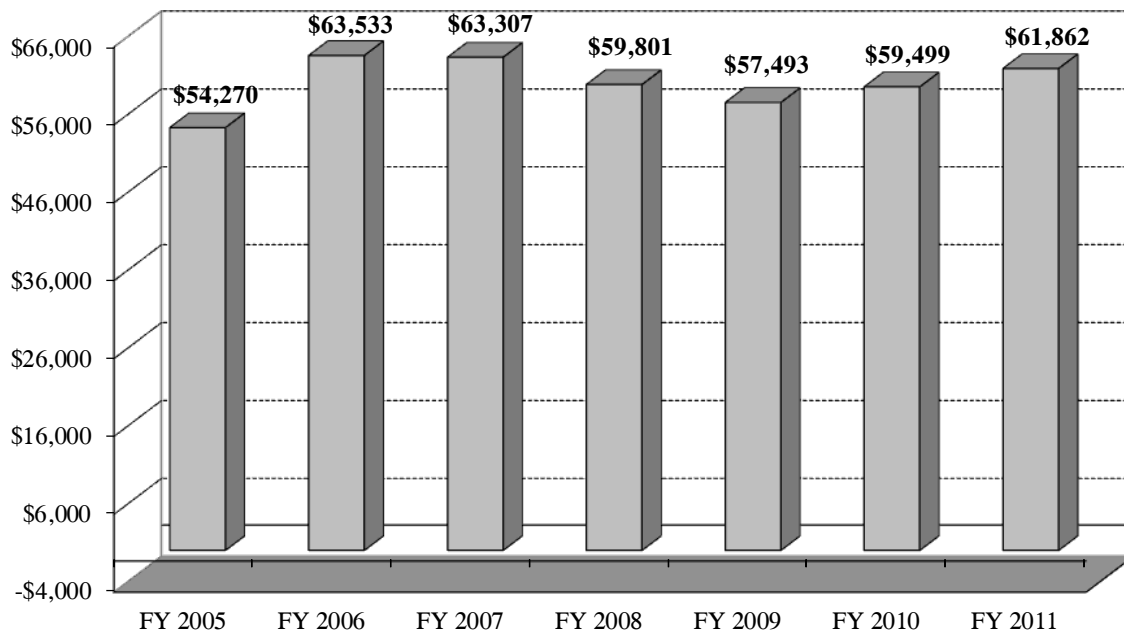
**CHART 2**

**CHICAGO TRANSIT AUTHORITY PENSION FUND**  
**Employee Annuitants**



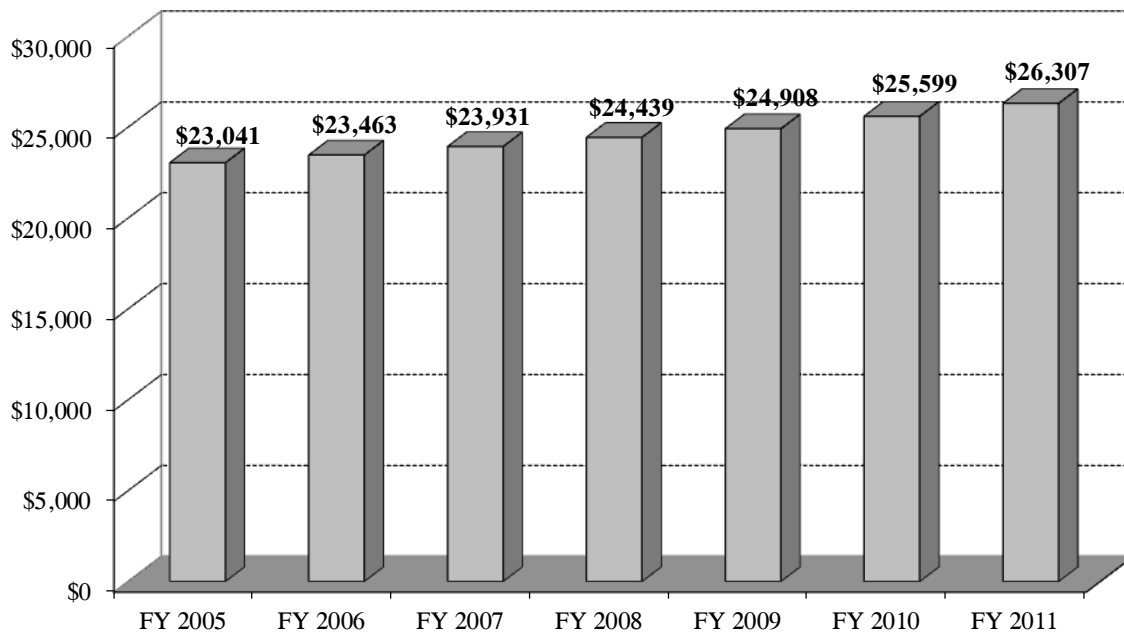
**CHART 3**

**CHICAGO TRANSIT AUTHORITY PENSION FUND  
Average Employee Salaries**



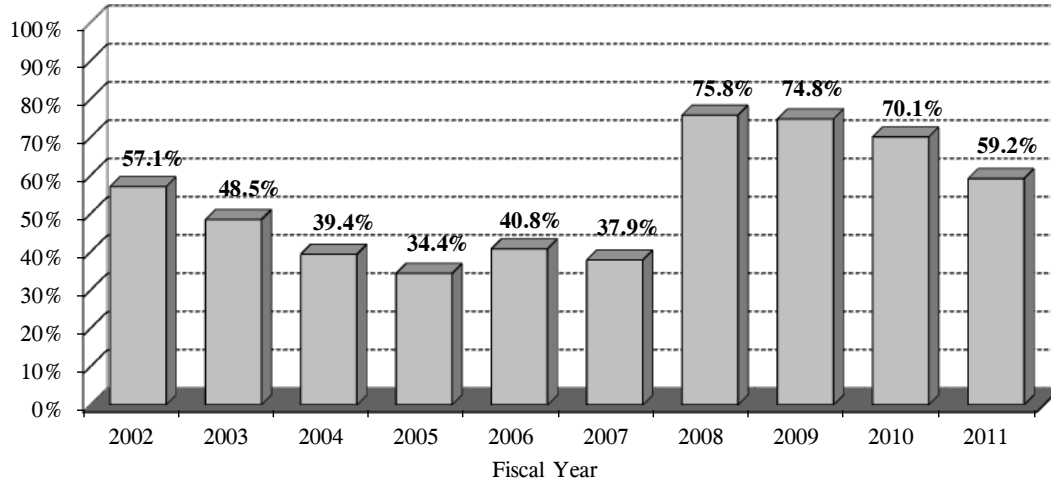
**CHART 4**

**CHICAGO TRANSIT AUTHORITY PENSION FUND  
Average Retirement Annuities**



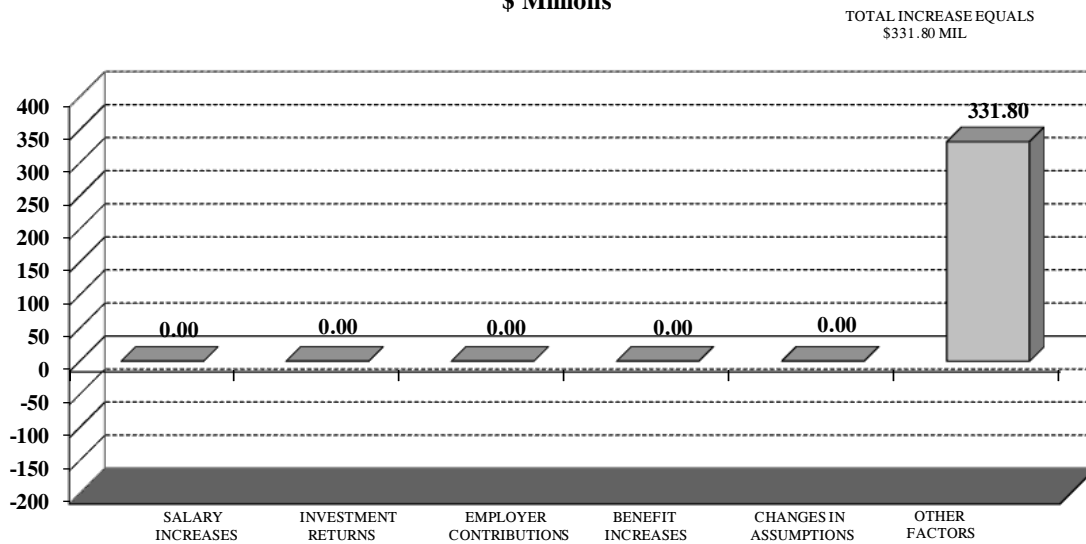
**CHART 5**

**CHICAGO TRANSIT AUTHORITY PENSION FUND**  
**Funded Ratio**  
**FY 2002 - FY 2011**



**CHART 6**

**CHICAGO TRANSIT AUTHORITY PENSION FUND**  
**Change in Unfunded Liabilities**  
**FY 2011**  
**\$ Millions**

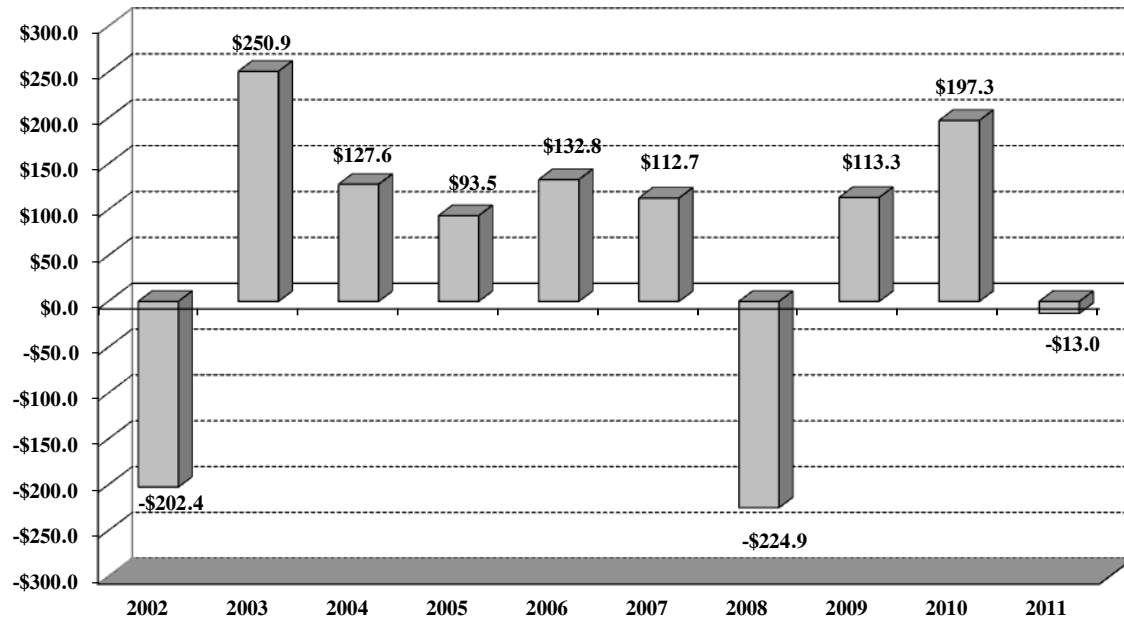


**Note: Sufficient detailed data is not yet available from CTA Pension to break down the Change in Unfunded total into the various subcategory amounts.**



## CHART 7

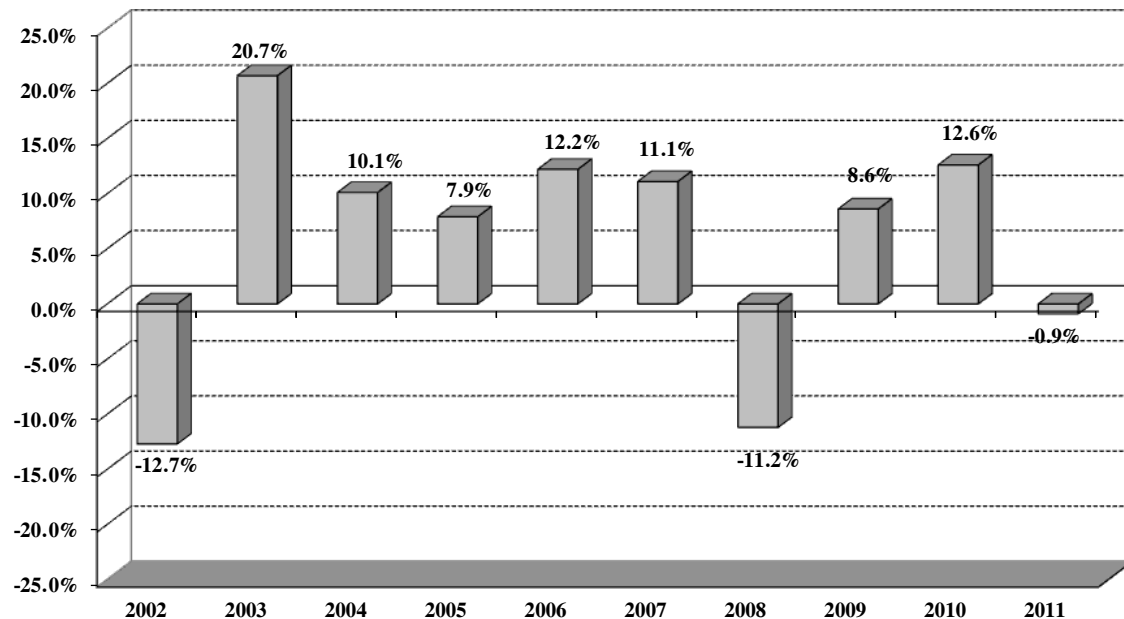
**CHICAGO TRANSIT AUTHORITY PENSION FUND**  
**Investment Income FY 2002 - FY 2011**  
 Actuarially Assumed Rate of Return : 8.50%  
 (\$ in millions)



Note: On 1/1/2011 the interest rate assumption was reduced from 8.75% to 8.50%.

## CHART 8

**CHICAGO TRANSIT AUTHORITY PENSION FUND**  
**Rate of Return FY 2002 - FY 2011**  
 Actuarially Assumed Rate of Return : 8.50%



**CTA PENSION FUND**  
**Contribution Requirements under P.A. 95-0708**

Beginning January 18, 2008, the Authority shall make contributions to the Retirement Plan in an amount equal to twelve percent of compensation and participating employees shall make contributions in an amount equal to six percent of compensation. For years through 2040, the amount paid by the Authority with respect to debt service on bonds issued for contribution to the Retirement Plan shall be treated as a credit against the amount of required contribution, up to an amount not to exceed six percent of compensation paid by the Authority in the following year.

If the funded ratio is projected to decline below 60 percent in any year before 2040 using reasonable actuarial assumptions, the contribution shall be increased so that the funded ratio is not projected to drop below 60 percent. If the funded ratio actually drops below 60 percent in any year before 2040, the contribution shall be increased so that the funded ratio is projected to reach 60 percent within 10 years. The increase in contributions shall be effective as of the January 1 following the determination, or 30 days following the determination, whichever is later. One-third of the increase in contributions shall be paid by participating employees and two-thirds by the Authority.

Beginning in 2040, the minimum contribution for each fiscal year shall be re-determined each year as the amount required to bring the total assets of the Retirement Plan up to 90 percent of the total actuarial liabilities by the end of 2059. Participating employees shall be responsible for one-third of the required contribution and the Authority shall be responsible for two-thirds of the required contribution.

Beginning in 2060, the minimum contribution for each year shall be an amount needed to maintain the total assets of the Retirement Plan at 90 percent of the total actuarial liabilities of the Plan and the contribution shall be funded one-third by participating employees and two-thirds by the Authority.

**TABLE 1**

<b>Chicago Transit Authority</b> <b>Reduced Benefits for Members Starting Participation on/after January 1, 2011</b> <b>Retirement System Projections Based on Public Act 96-0889 (SB 1946)</b> <b>(\$ in millions)</b>								
Fiscal Year	Annual Payroll	Employer Contribution	Employer Contribution As % of Payroll	Employee Contribution	Total Actuarial Liability	Actuarial Value of Assets	Unfunded Actuarial Liability	Funded Ratio
2012	DNA	DNA	DNA	DNA	2,808.2	1,662.2	1,146.0	59.19%
2013	557.1	80.3	14.25%	57.1	2,866.5	1,675.2	1,191.3	58.44%
2014	566.8	81.7	14.25%	58.1	2,942.4	1,715.7	1,226.7	58.31%
2015	585.4	84.5	14.25%	60.0	3,026.1	1,758.2	1,267.9	58.10%
2016	606.8	87.5	14.25%	62.2	3,096.0	1,804.7	1,291.3	58.29%
2017	628.3	90.7	14.25%	64.4	3,169.5	1,855.6	1,313.9	58.55%
2018	651.7	94.0	14.25%	66.8	3,246.0	1,911.3	1,334.7	58.88%
2019	675.1	97.4	14.25%	69.2	3,325.4	1,971.8	1,353.6	59.30%
2020	699.5	100.9	14.25%	71.7	3,406.9	2,037.0	1,369.9	59.79%
2021	723.9	104.5	14.25%	74.2	3,489.0	2,106.1	1,382.9	60.36%
2022	750.2	108.2	14.25%	76.9	3,570.4	2,178.3	1,392.1	61.01%
2023	777.6	112.2	14.25%	79.7	3,651.3	2,254.4	1,396.9	61.74%
2024	805.9	116.3	14.25%	82.6	3,731.9	2,335.3	1,396.6	62.58%
2025	835.1	120.5	14.25%	85.6	3,811.2	2,420.9	1,390.3	63.52%
2026	865.4	124.8	14.25%	88.7	3,889.4	2,511.4	1,378.0	64.57%
2027	896.6	129.3	14.25%	91.9	3,966.3	2,607.1	1,359.2	65.73%
2028	928.8	134.0	14.25%	95.2	4,040.9	2,708.5	1,332.4	67.03%
2029	964.9	139.2	14.25%	98.9	4,113.4	2,817.0	1,296.4	68.48%
2034	1,182.4	170.5	14.25%	121.2	4,510.3	3,566.4	943.9	79.07%
2035	1,233.2	177.9	14.25%	126.4	4,610.2	3,779.7	830.5	81.99%
2036	1,288.8	185.9	14.25%	132.1	4,722.7	4,023.1	699.6	85.19%
2037	1,347.3	194.3	14.25%	138.1	4,851.1	4,301.4	549.7	88.67%
2038	1,408.8	203.2	14.25%	144.4	4,998.4	4,619.2	379.2	92.41%
2039	1,473.2	212.5	14.25%	151.0	5,168.6	4,981.9	186.7	96.39%

Note: DNA =This Data is not available from the retirement system at this time.

Note: The expected investment return was changed from 8.75% to 8.5% for all years in this projection.

**TABLE 2**

<b>CHICAGO TRANSIT AUTHORITY PENSION FUND</b> <b>System Experience, FY 2002 - FY 2011</b> <b>(\$ in millions)</b>					
Fiscal Year	Annual Payroll	Actuarial Liabilities	Actuarial Assets	Unfunded Liabilities	Funded Ratio
2011	541.4	2,808.2	1,662.2	1,146.0	59.2 %
2010	528.3	2,724.2	1,910.0	814.2	70.1 %
2009	567.2	2,588.4	1,936.8	651.6	74.8 %
2008	594.1	2,632.4	1,996.0	636.4	75.8 %
2007	571.3	2,531.4	941.9	1,589.5	37.2 %
2006	562.6	2,466.1	1,007.3	1,458.8	40.8 %
2005	547.5	2,354.1	810.3	1,543.8	34.4 %
2004	544.4	2,291.2	902.1	1,389.1	39.4 %
2003	486.6	2,189.7	1,062.4	1,127.3	48.5 %
2002	480.7	2,085.7	1,190.1	895.6	57.1 %

*Note: The above figures do not include healthcare liabilities.*

**TABLE 3**

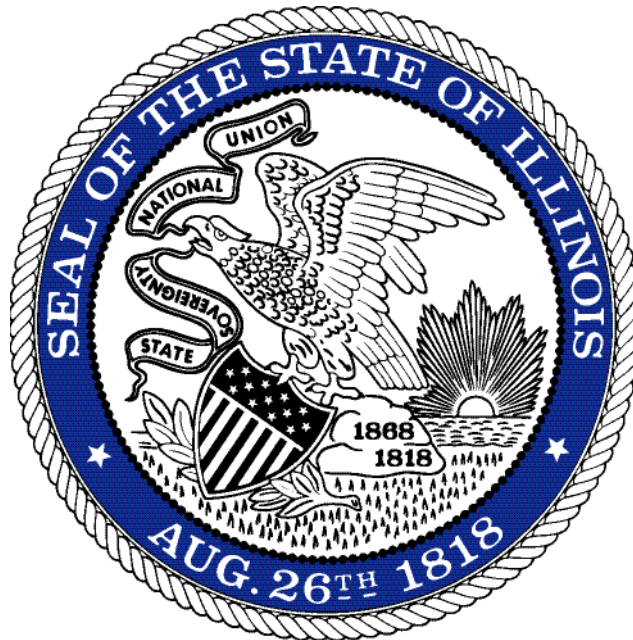
<b>CHICAGO TRANSIT AUTHORITY PENSION FUND</b> <b>Changes in Net Assets</b> <b>(\$ in millions)</b>								
Fiscal Years	2011	2010	2009	2008	2007	2006	2005	2004
<b>Additions to Assets</b>								
Employer	60.3	56.3	41.4	68.5	33.8	35.7	30.6	30.6
Employees	47.2	45.3	35.0	34.3	16.9	17.8	15.1	15.3
Net Investment Income	-13.0	197.2	113.3	-224.9	112.7	132.8	93.5	127.6
Other - Bonds	0.0	0.0	0.0	1,110.5	0.0	0.0	0.0	0.0
Total Asset Additions (A)	94.5	298.8	189.7	988.4	163.4	186.3	139.2	173.5
<b>Deductions from Assets</b>								
Benefits	222.2	216.2	212.6	263.5	256.9	246.2	DNA	263.0
Refunds	2.8	2.2	2.1	1.8	1.4	1.4	DNA	0.9
Rebates	0.0	0.0	0.0	0.0	0.0	0.0	DNA	0.0
Administrative Expenses	2.0	2.0	2.2	2.4	2.3	2.8	DNA	1.9
Other	0.0	0.0	0.0	0.0	0.0	0.0	DNA	0.0
Total Asset Deductions (B)	227.0	220.4	216.9	267.7	260.6	250.4	DNA	265.8
Change in Net Assets (A-B=C)	-132.5	78.4	-27.2	720.7	-97.2	-64.1	DNA	-92.3

NOTE : DNA = Data Not Available From Retirement System



### **III. Cook County Employees' Pension Fund**

- **Plan Summary**
- **Active Employees**
- **Employee Annuitants**
- **Average Salaries**
- **Average Retirement Annuity**
- **Funded Ratios**
- **Change in Unfunded Liabilities**
- **Investment Income**
- **Investment Rates of Return**
- **Systems Experience**
- **Changes in Net Assets**



**Note: All data shown in this section is based upon the system's Actuarial Valuation and CAFR as of December 31, 2011.**





# Cook County Employees' Pension Fund

## Plan Summary

---

### Retirement Age

---

- Age 50 with 10 years of service.

### Retirement Formula

---

- 2.4% of final average salary for each year of service.

### Maximum Annuity

---

- 80% of final average salary.

### Salary Used to Calculate Pension

---

- Highest average monthly salary for any 48 consecutive months within the final 10 years of service.

### Annual COLA

---

- 3% compounded.

### Employee Contributions

---

- 8.5% of salary.

### Employer Contributions

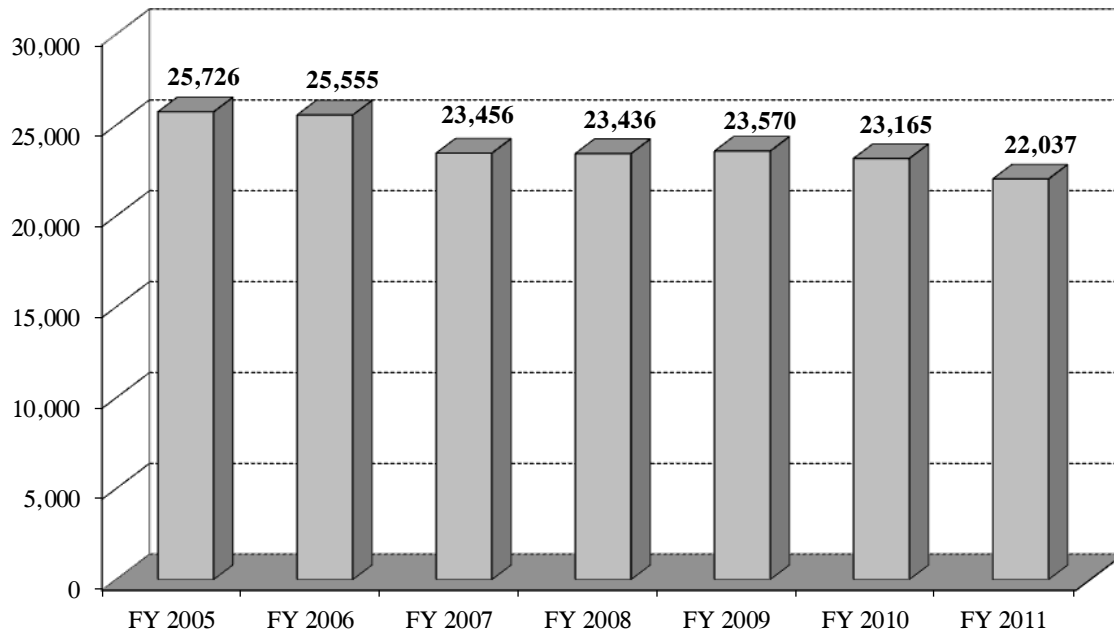
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The County levies a tax annually equal to the total amount of contributions made by employees in the calendar year two years prior to the year of the levy, multiplied by 1.54.

**Note: Benefits shown are for employees hired prior to January 1, 2011, the effective date of P.A. 96-0889. See the P.A. 96-0889 Section on page 3 for a summary of benefits for employees hired after January 1, 2011.**

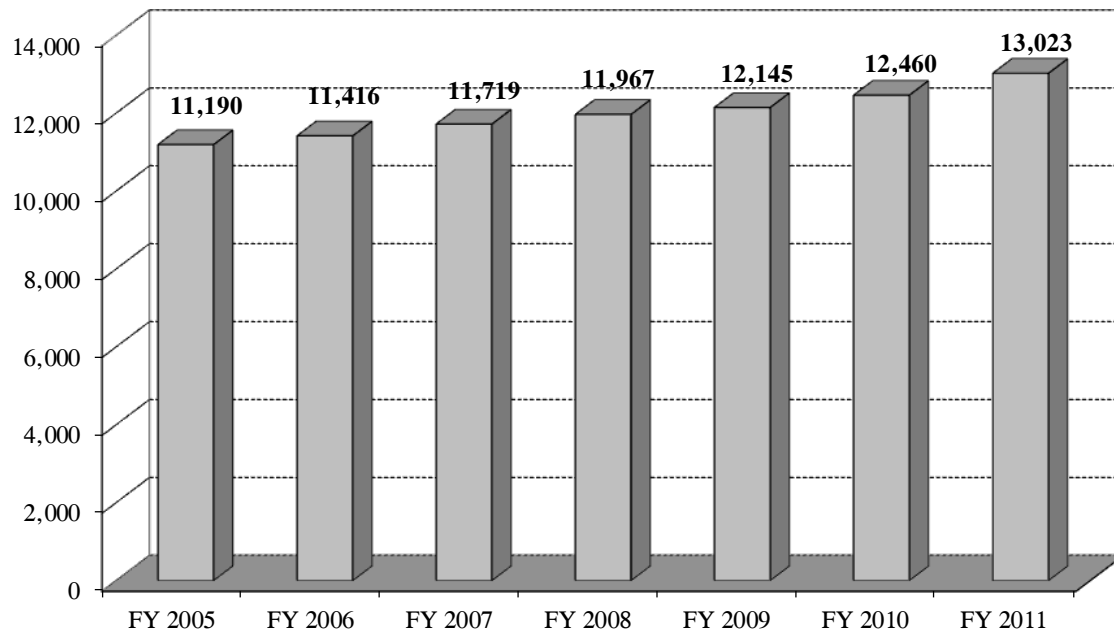
**CHART 9**

**COOK COUNTY EMPLOYEES' PENSION FUND**  
**Active Employees**



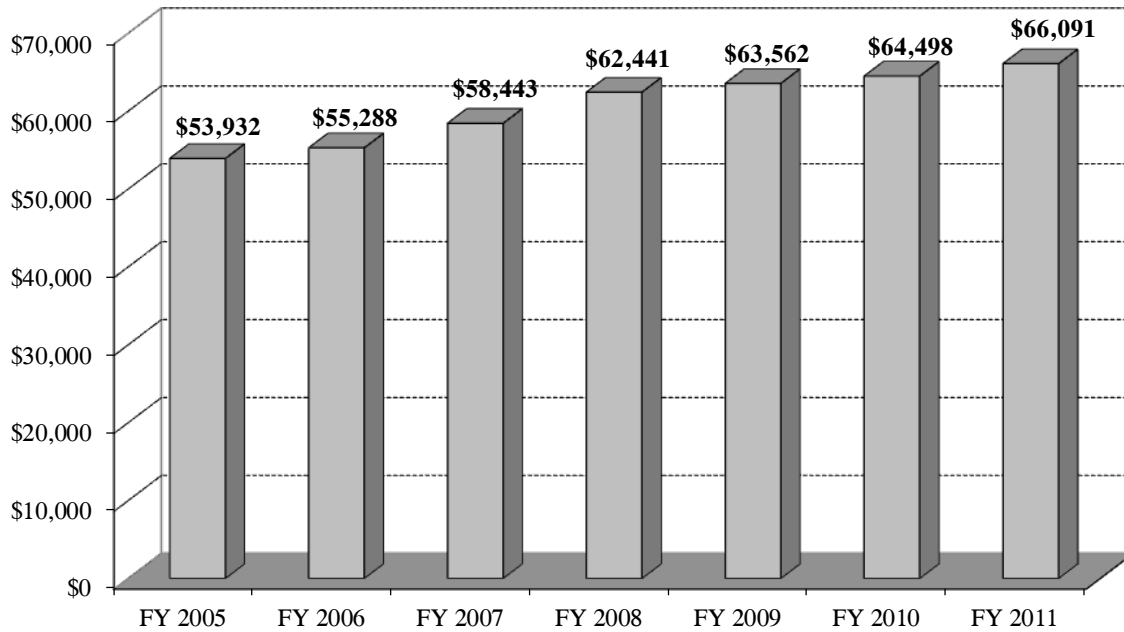
**CHART 10**

**COOK COUNTY EMPLOYEES' PENSION FUND**  
**Employee Annuitants**



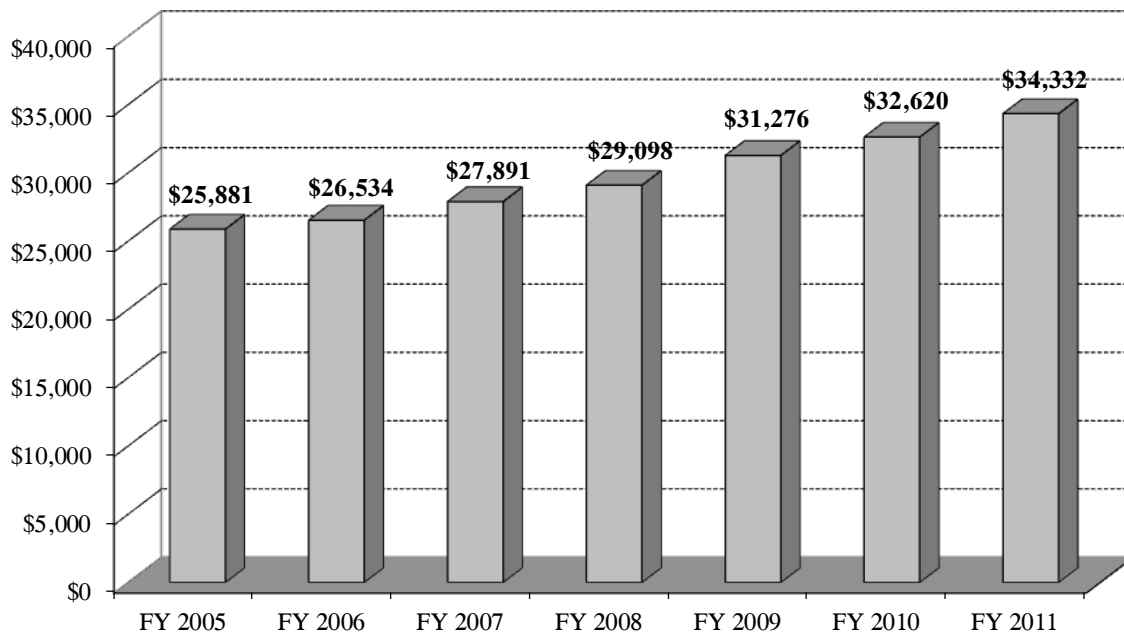
**CHART 11**

**COOK COUNTY EMPLOYEES' PENSION FUND**  
**Average Employee Salaries**



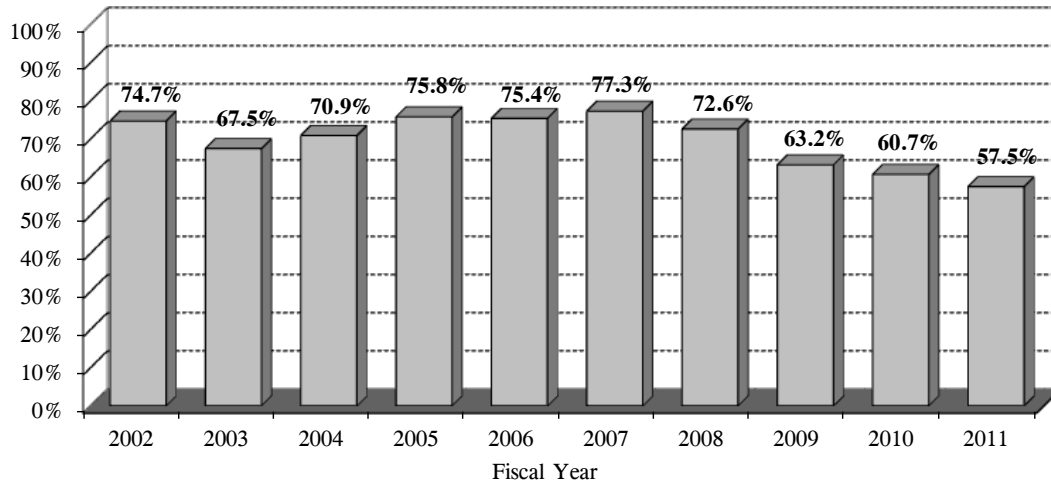
**CHART 12**

**COOK COUNTY EMPLOYEES' PENSION FUND**  
**Average Retirement Annuities**



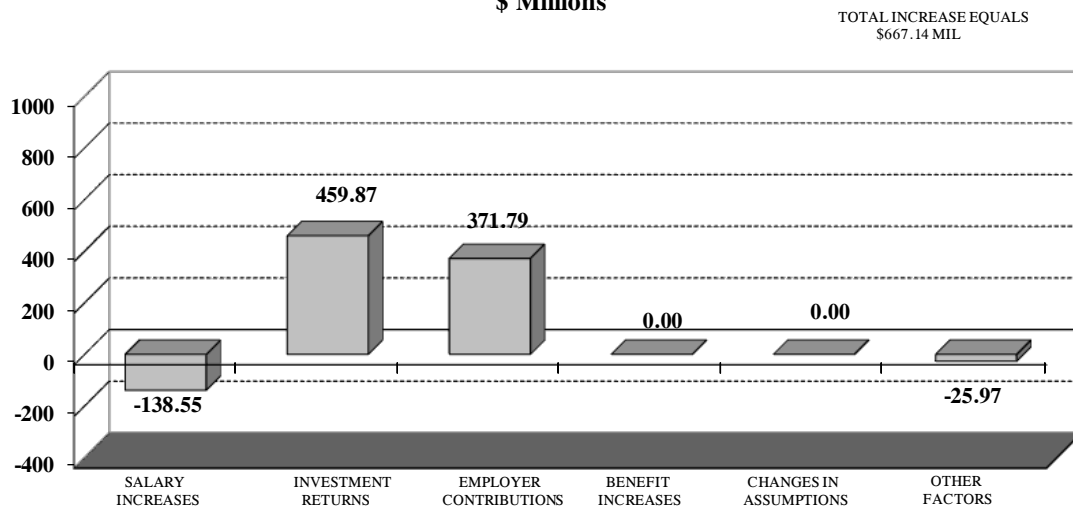
**CHART 13**

**COOK COUNTY EMPLOYEES' PENSION FUND**  
**Funded Ratio**  
**FY 2002 - FY 2011**



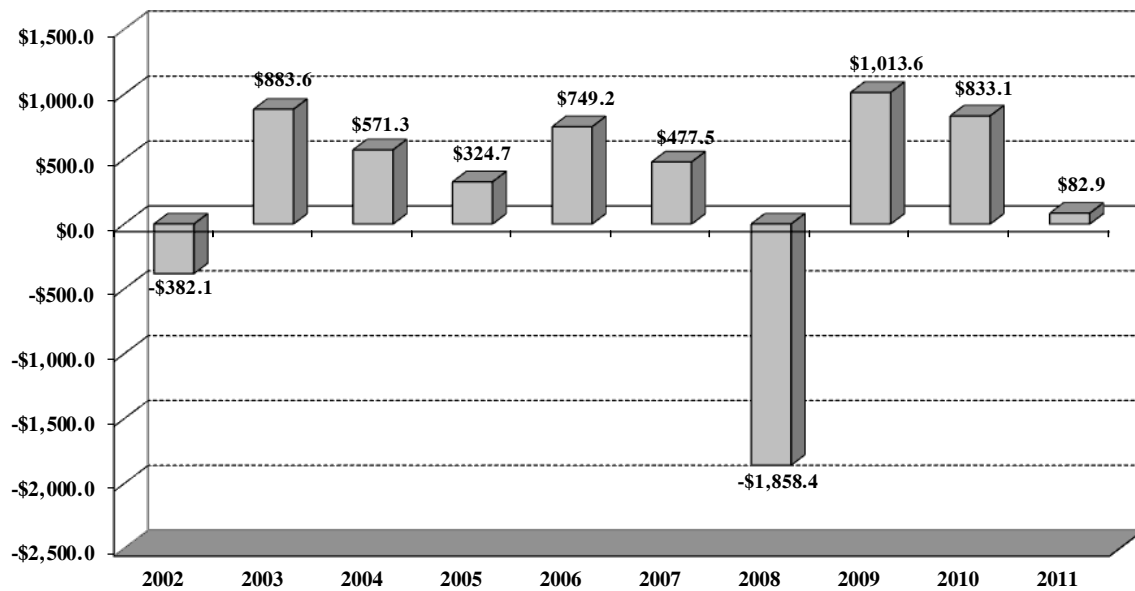
**CHART 14**

**COOK COUNTY EMPLOYEES PENSION FUND**  
**Change in Unfunded Liabilities**  
**FY 2011**  
**\$ Millions**



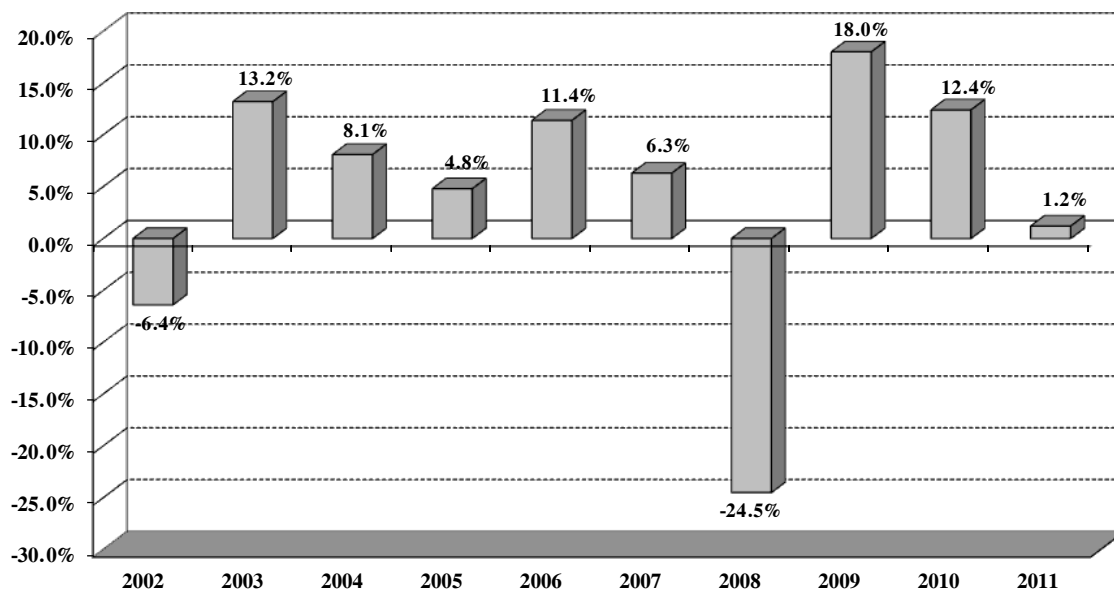
**CHART 15**

**COOK COUNTY EMPLOYEES' PENSION FUND**  
**Investment Income FY 2002 - FY 2011**  
**Actuarially Assumed Rate of Return: 7.5%**  
**(Millions)**



**CHART 16**

**COOK COUNTY EMPLOYEES' PENSION FUND**  
**Rate of Return FY 2002 - FY 2011**  
**Actuarially Assumed Rate of Return: 7.5%**  
**(\$ in millions)**



**TABLE 4**

<b>COOK COUNTY EMPLOYEES PENSION FUND</b> <b>System Experience, FY 2002 - FY 2011</b> <b>(\$ in millions)</b>					
Fiscal Year	Annual Payroll	Actuarial Liabilities	Actuarial Assets	Unfunded Liabilities	Funded Ratio
2011	1,456.4	13,724.0	7,897.1	5,826.9	57.5%
2010	1,494.1	13,142.1	7,982.3	5,159.8	60.7%
2009	1,498.2	12,575.5	7,945.6	4,629.9	63.2%
2008	1,463.4	11,073.2	8,036.1	3,037.1	72.6%
2007	1,370.8	10,423.7	8,059.9	2,363.8	77.3%
2006	1,412.9	9,904.6	7,462.7	2,441.9	75.4%
2005	1,387.5	9,269.9	7,027.5	2,242.4	75.8%
2004	1,371.5	9,450.8	6,700.8	2,750.0	70.9%
2003	1,307.1	8,781.0	5,929.2	2,851.8	67.5%
2002	1,330.5	7,846.3	5,861.2	1,985.1	74.7%

NOTE: The above FY 2006 - FY 2011 figures include healthcare assets/liabilities.



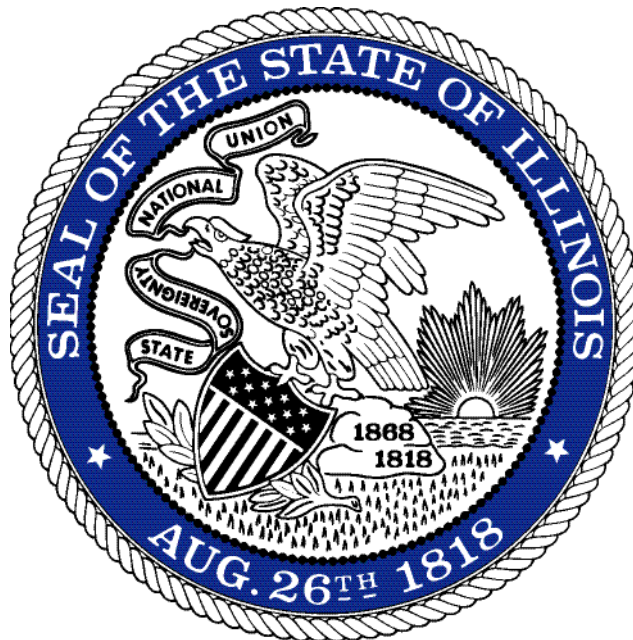
**TABLE 5**

<b>COOK COUNTY EMPLOYEES PENSION FUND</b> <b>Changes in Net Assets</b> <b>(\$ in millions)</b>								
Fiscal Years	2011	2010	2009	2008	2007	2006	2005	2004
<b>Additions to Assets</b>								
Employer	195.3	181.5	183.7	183.9	258.1	221.2	214.9	198.1
Employees	127.6	129.4	127.8	123.8	123.1	121.7	174.2	149.0
Net Investment Income	82.9	833.1	1,013.6	-1,858.4	477.5	749.2	324.7	571.3
Other	17.4	12.8	11.8	7.1	10.0	9.3	7.0	6.1
Total Asset Additions (A)	423.2	1,156.8	1,336.9	-1,543.7	868.7	1,101.4	720.8	924.5
<b>Deductions from Assets</b>								
Benefits	523.4	482.5	452.0	427.5	398.7	365.6	348.3	344.6
Refunds	29.1	25.0	20.4	24.7	66.6	24.9	23.1	18.1
Rebates	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administrative Expenses	4.1	4.1	4.3	4.6	4.5	4.0	4.4	6.8
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Asset Deductions (B)	556.6	511.6	476.7	456.8	469.8	394.5	375.8	369.5
Change in Net Assets (A-B=C)	-133.4	645.2	860.2	-2,000.4	398.9	706.9	345.0	555.0



## **IV. Cook County Forest Preserve Employees' Pension Fund**

- **Plan Summary**
- **Active Employees**
- **Employee Annuitants**
- **Average Salaries**
- **Average Retirement Annuity**
- **Funded Ratios**
- **Change in Unfunded Liabilities**
- **Investment Income**
- **Investment Rates of Return**
- **Systems Experience**
- **Changes in Net Assets**



**Note: All data shown in this section is based upon the system's Actuarial Valuation and CAFR as of December 31, 2011.**



# Cook County Forest Preserve Employees' Pension Fund Plan Summary

---

## Retirement Age

---

- Age 50 with 10 years of service.

## Retirement Formula

---

- 2.4% of final average salary for each year of service.

## Maximum Annuity

---

- 80% of final average salary.

## Salary Used to Calculate Pension

---

- Highest average monthly salary for any 48 consecutive months within the final 10 years of service.

## Annual COLA

---

- 3% compounded.

## Employee Contributions

---

- 8.5% of salary.

## Employer Contributions

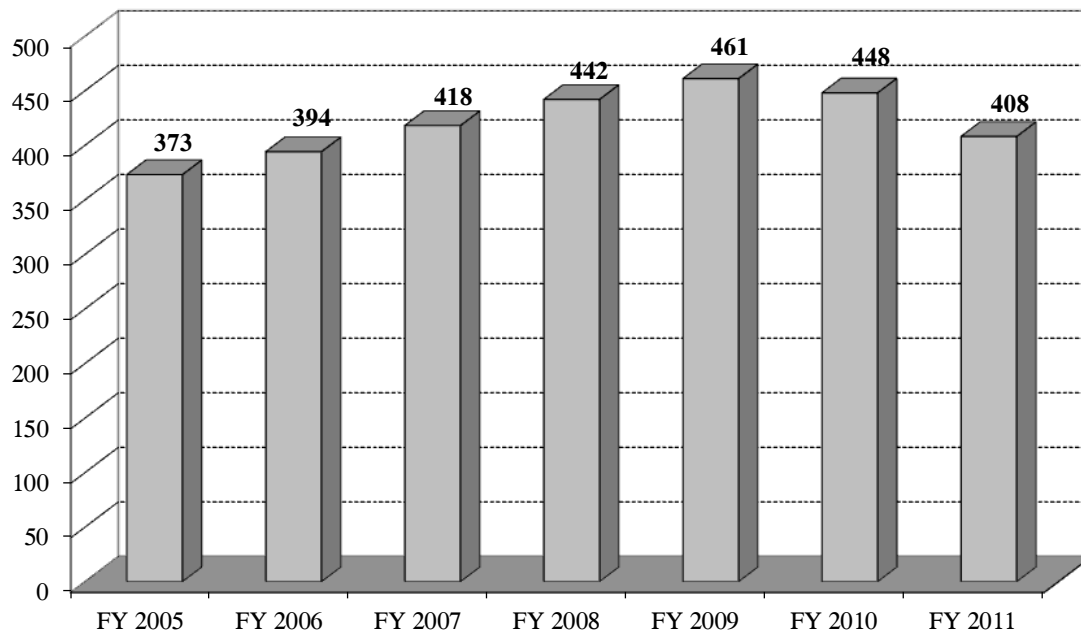
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The Forest Preserve District levies a tax annually equal to the total amount of contributions made by employees in the calendar year two years prior to the year of the levy, multiplied by 1.30.

**Note: Benefits shown are for employees hired prior to January 1, 2011, the effective date of P.A. 96-0889. See the P.A. 96-0889 Section on page 3 for a summary of benefits for employees hired after January 1, 2011.**

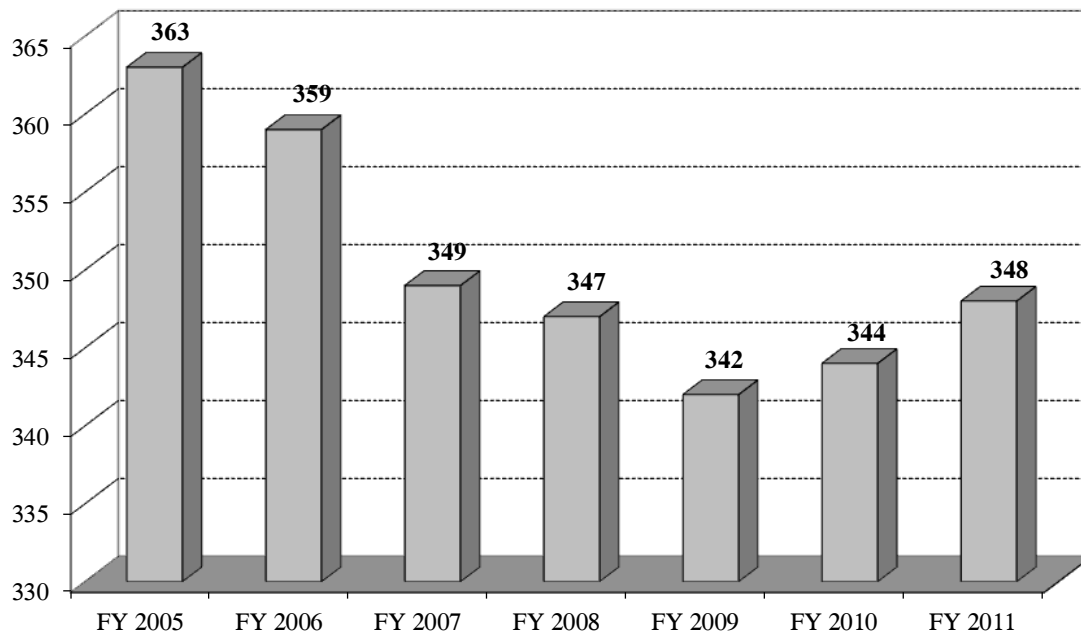
**CHART 17**

**COOK COUNTY FOREST PRESERVE PENSION FUND**  
**Active Employees**



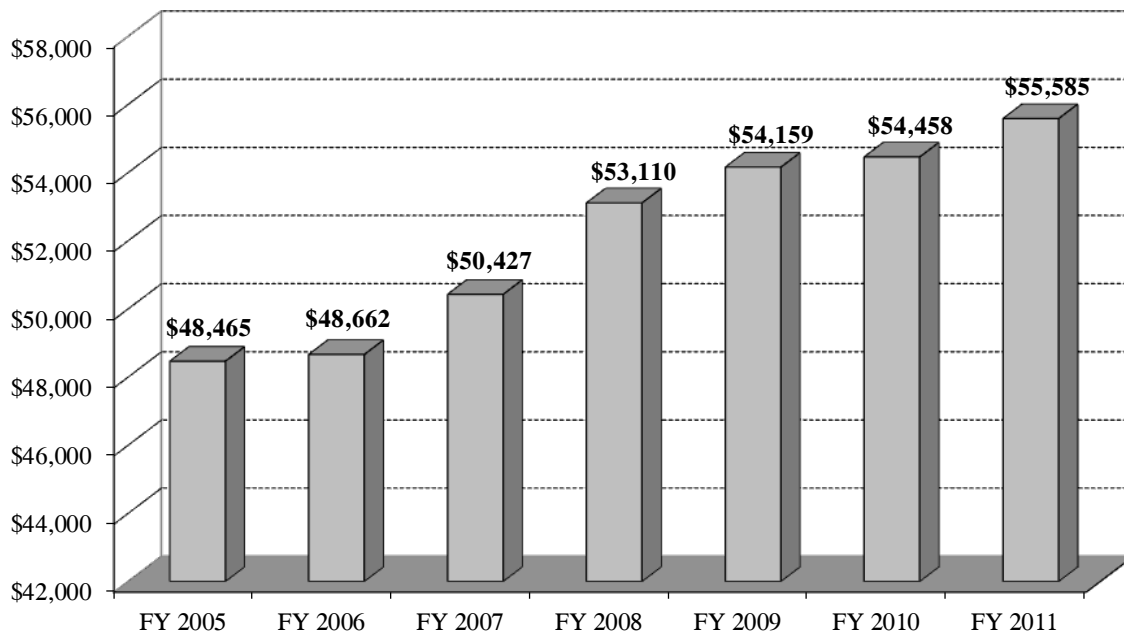
**CHART 18**

**COOK COUNTY FOREST PRESERVE PENSION FUND**  
**Employee Annuitants**



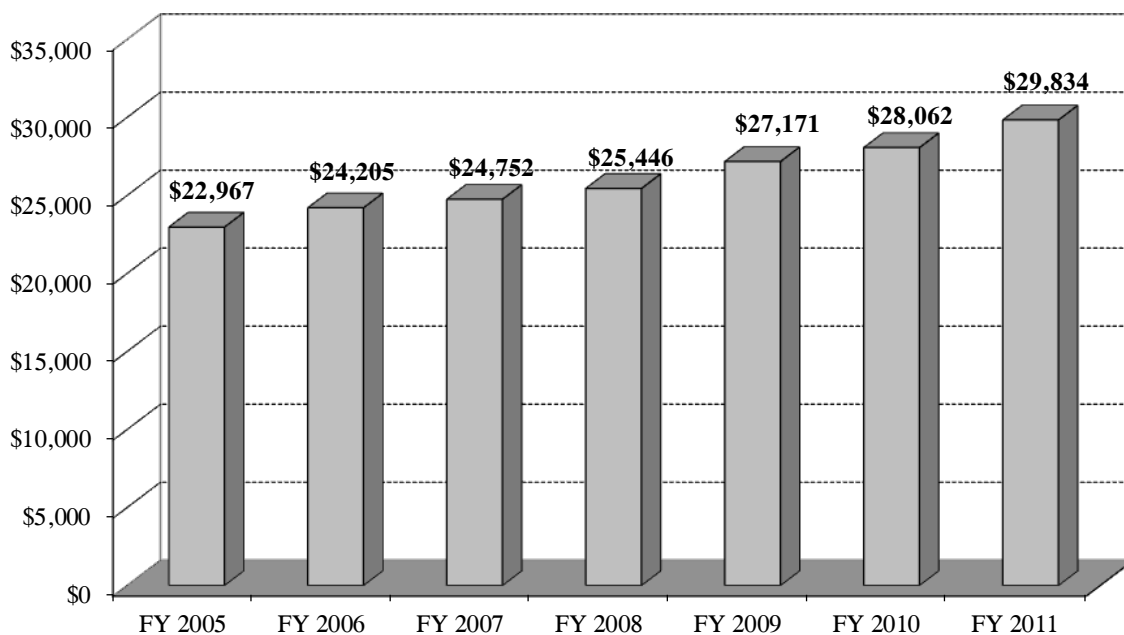
**CHART 19**

**COOK COUNTY FOREST PRESERVE PENSION FUND**  
**Average Employee Salaries**



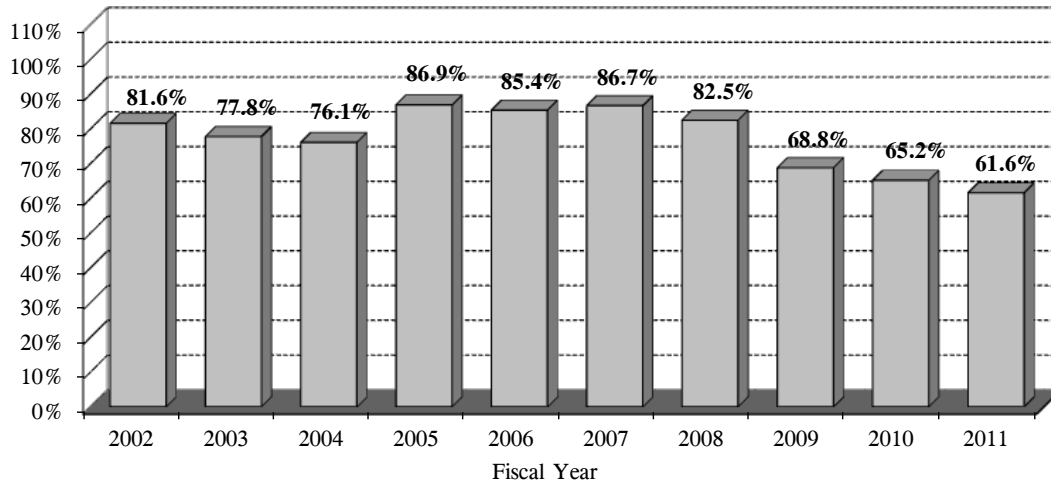
**CHART 20**

**COOK COUNTY FOREST PRESERVE PENSION FUND**  
**Average Retirement Annuities**



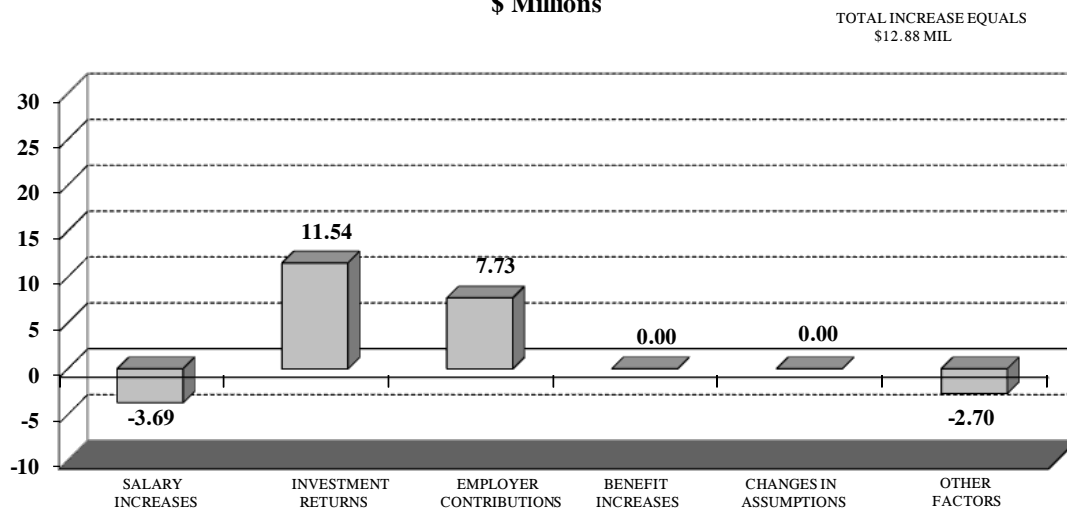
**CHART 21**

**COOK COUNTY FOREST PRESERVE PENSION FUND**  
**Funded Ratio**  
**FY 2002 - FY 2011**



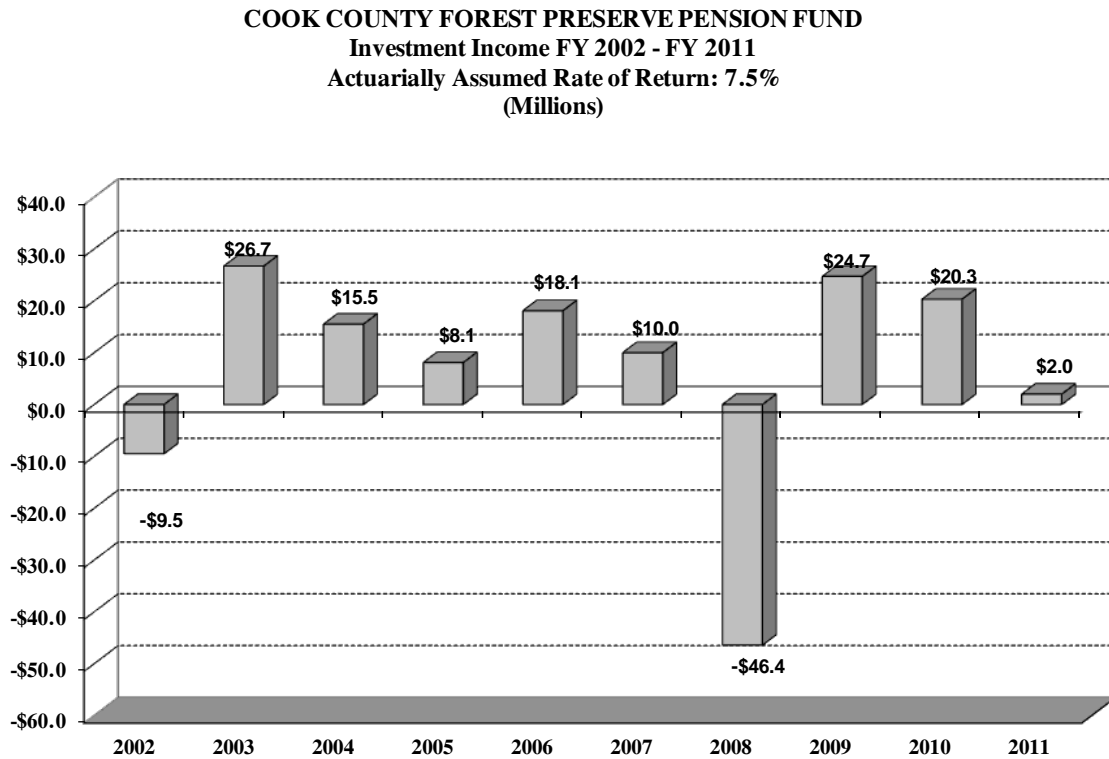
**CHART 22**

**COOK COUNTY FOREST PRESERVE PENSION FUND**  
**Change in Unfunded Liabilities**  
**FY 2011**  
**\$ Millions**

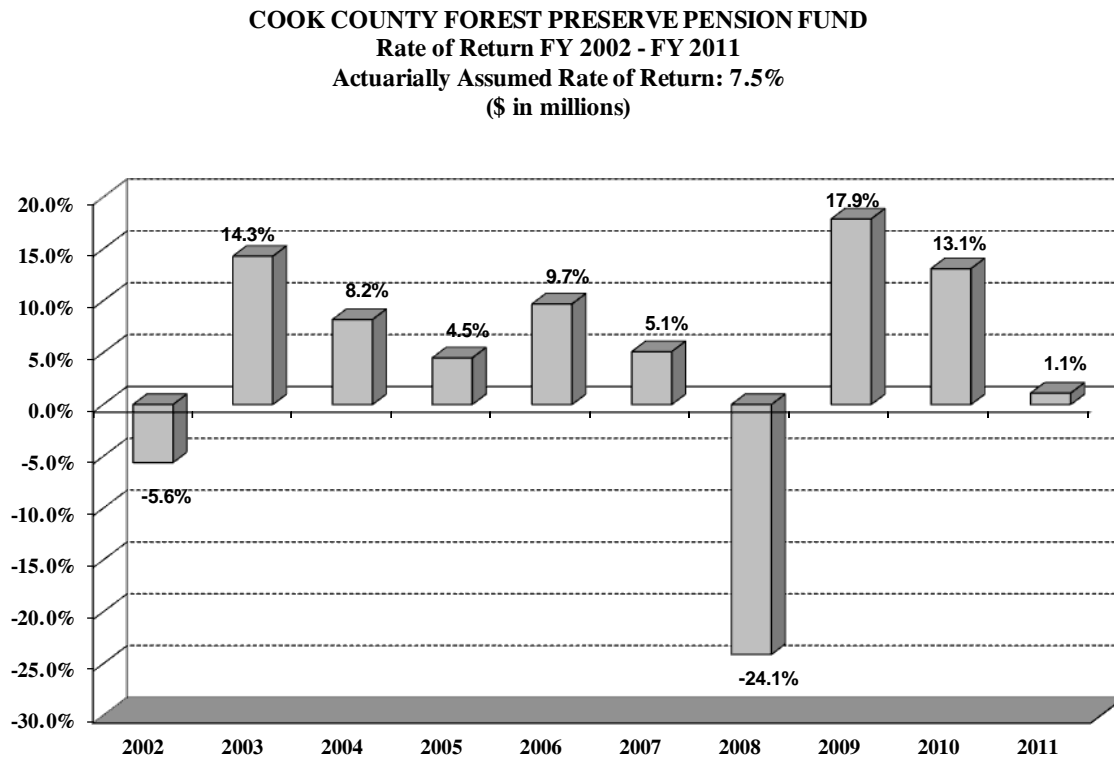




**CHART 23**



**CHART 24**



**TABLE 6**

<b>COOK COUNTY FOREST PRESERVE PENSION FUND</b> <b>System Experience, FY 2002 - FY 2011</b> <b>(\$ in millions)</b>					
Fiscal Year	Annual Payroll	Actuarial Liabilities	Actuarial Assets	Unfunded Liabilities	Funded Ratio
2011	22.7	289.3	178.1	111.2	61.6%
2010	24.4	282.4	184.1	98.3	65.2%
2009	25.0	274.0	188.4	85.6	68.8%
2008	23.5	237.9	196.3	41.6	82.5%
2007	21.1	234.1	203.0	31.1	86.7%
2006	19.2	226.6	193.5	33.1	85.4%
2005	18.1	217.6	189.1	28.5	86.9%
2004	16.6	245.3	186.6	58.7	76.1%
2003	17.3	218.7	170.1	48.6	77.8%
2002	25.8	212.0	173.0	39.0	81.6%

*NOTE: The above FY 2004 - FY 2011 figures include healthcare assets/liabilities.*

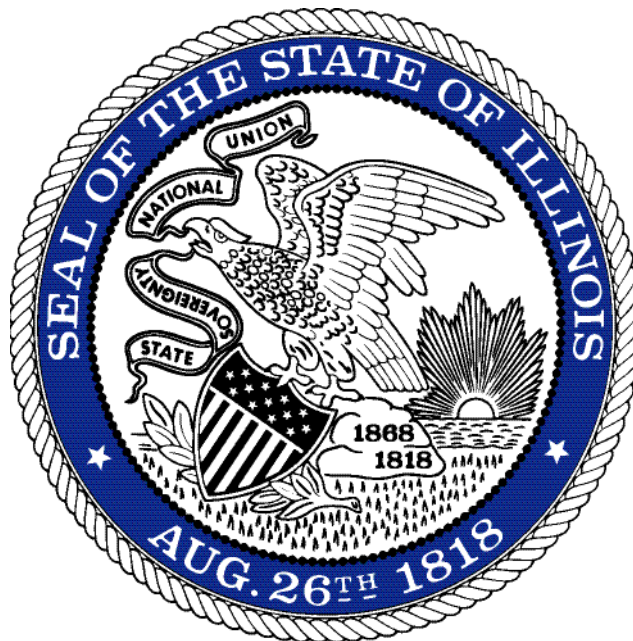
**TABLE 7**

<b>COOK COUNTY FOREST PRESERVE PENSION FUND</b> <b>Changes in Net Assets</b> <b>(\$ in millions)</b>								
Fiscal Years	2011	2010	2009	2008	2007	2006	2005	2004
<b>Additions to Assets</b>								
Employer	3.3	2.7	2.6	2.0	3.3	2.7	3.3	3.9
Employees	2.3	2.4	2.4	2.1	2.0	1.7	2.6	2.0
Net Investment Income	2.0	20.3	24.7	-46.4	10.0	18.1	8.1	15.5
Other	0.5	0.2	0.2	0.1	0.2	0.2	0.0	0.0
Total Asset Additions (A)	8.1	25.6	29.9	-42.1	15.5	22.7	14.0	21.4
<b>Deductions from Assets</b>								
Benefits	13.6	13.0	12.4	12.2	11.9	11.5	11.1	11.4
Refunds	0.6	0.4	0.5	0.5	0.5	0.4	0.7	1.3
Rebates	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administrative Expenses	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Other	-0.3	0.3	0.1	-0.1	0.1	0.3	0.2	0.5
Total Asset Deductions (B)	14.0	13.8	13.1	12.7	12.6	12.3	12.1	13.3
Change in Net Assets (A-B=C)	-5.9	11.8	16.8	-54.8	2.9	10.4	1.9	8.1



## V. Firemen's Annuity and Benefit Fund of Chicago

- Plan Summary
- Active Employees
- Employee Annuitants
- Average Salaries
- Average Retirement Annuity
- Funded Ratios
- Change in Unfunded Liabilities
- Investment Income
- Investment Rates of Return
- Systems Experience
- Changes in Net Assets
- System Projections



**Note: All data shown in this section is based upon the system's Actuarial Valuation and CAFR as of December 31, 2011.**



# Firemen's Annuity and Benefit Fund of Chicago

## Plan Summary

---

### Retirement Age

---

- Age 50 with 20 years of service.
- Age 50 with 10 years of service (accumulated annuity).

### Retirement Formula

---

- For employees with 20 or more years of service, 50% of final average salary plus 2.5% of final average salary for each year in excess of 20.

### Maximum Annuity

---

- 75% of final average salary.

### Salary Used to Calculate Pension

---

- Average of 4 highest consecutive years within final 10 years of service.

### Annual COLA

---

- 3% non-compounded with no limit at age 60, or age 55 if born before 1/1/55.
- 1.5% non-compounded if born after 1/1/55 with 30% maximum.

### Employee Contributions

---

- 9.125% of salary.

### Required Employer Contributions

---

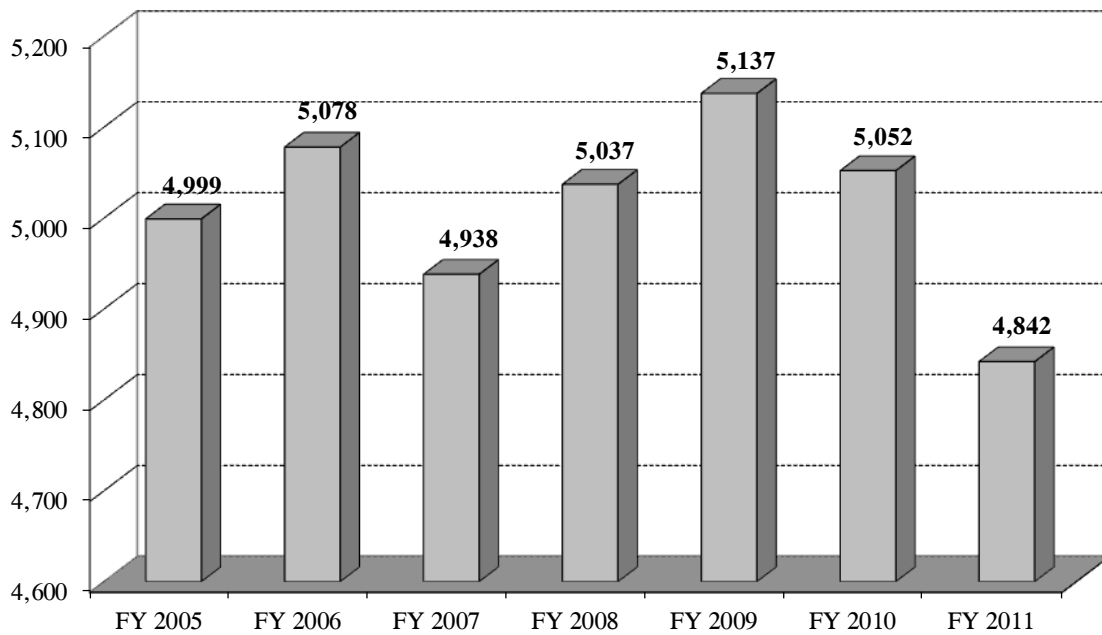
Pursuant to P.A. 96-1495, annual actuarially determined employer contributions will be calculated and required. Such actuarially determined contributions will be established with a funding goal of 90% by the end of FY 2040, based upon the actuarial value of fund assets and application of required actuarial assumptions and methodologies. Failure of the employer to remit the required contributions can result in withholding of certain grants owed by the State of Illinois.

**Note: Benefits shown are for employees hired prior to January 1, 2011, the effective date for P.A. 96-1495. See the P.A. 96-1495 Section on page 5 for a summary of benefits for employees hired after January 1, 2011.**

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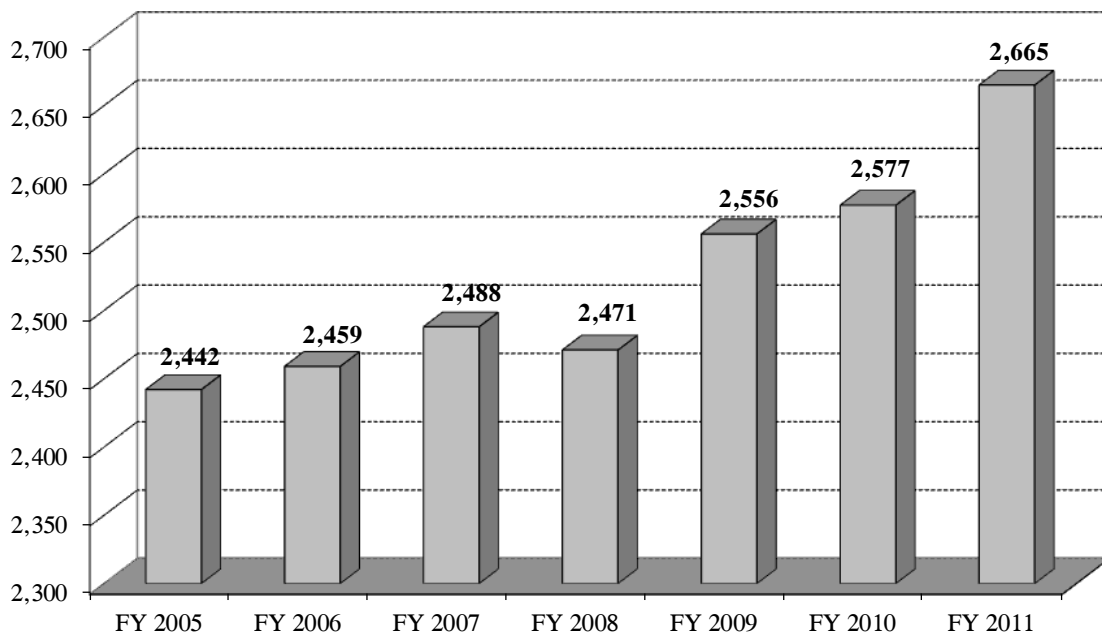
**CHART 25**

**CHICAGO FIREMEN'S PENSION FUND**  
**Active Employees**



**CHART 26**

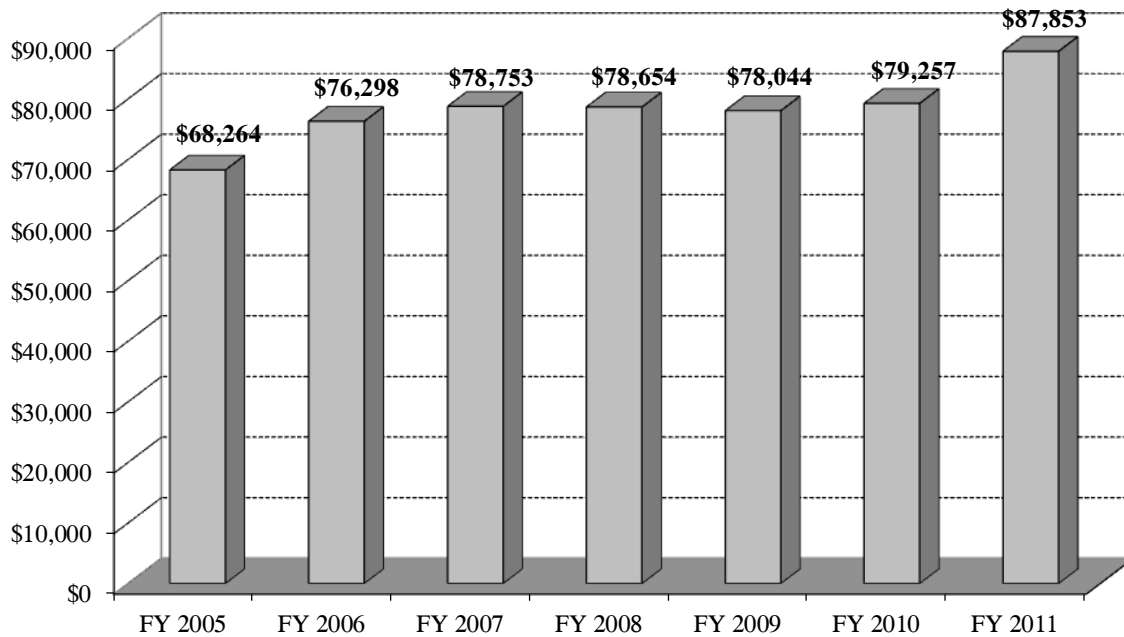
**CHICAGO FIREMEN'S PENSION FUND**  
**Employee Annuitants**





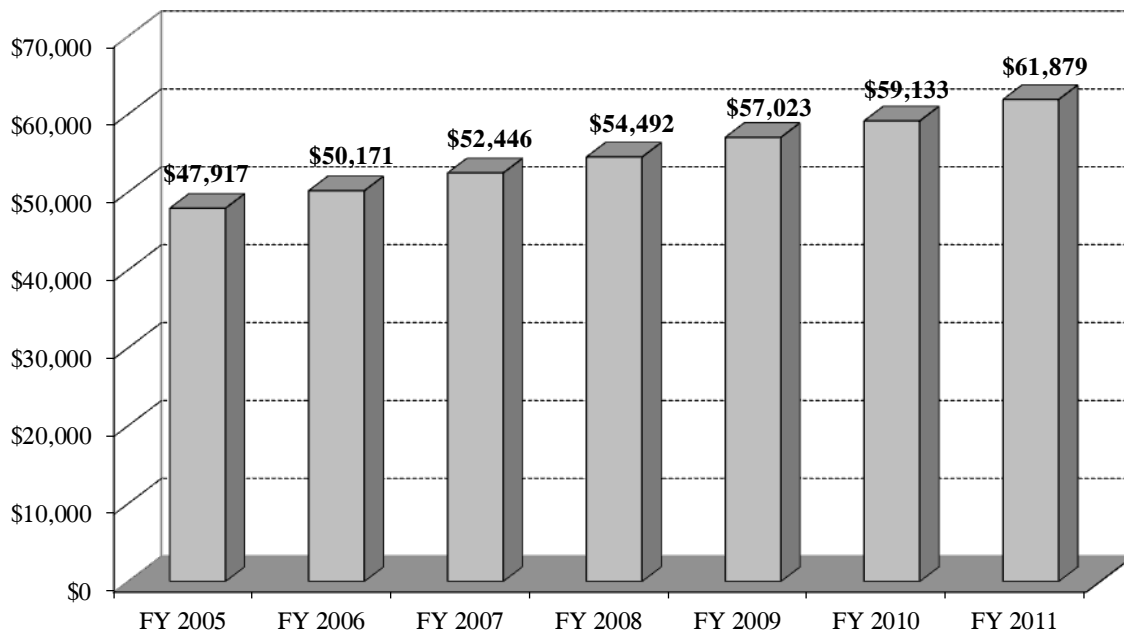
**CHART 27**

**CHICAGO FIREMEN'S PENSION FUND**  
**Average Salary**



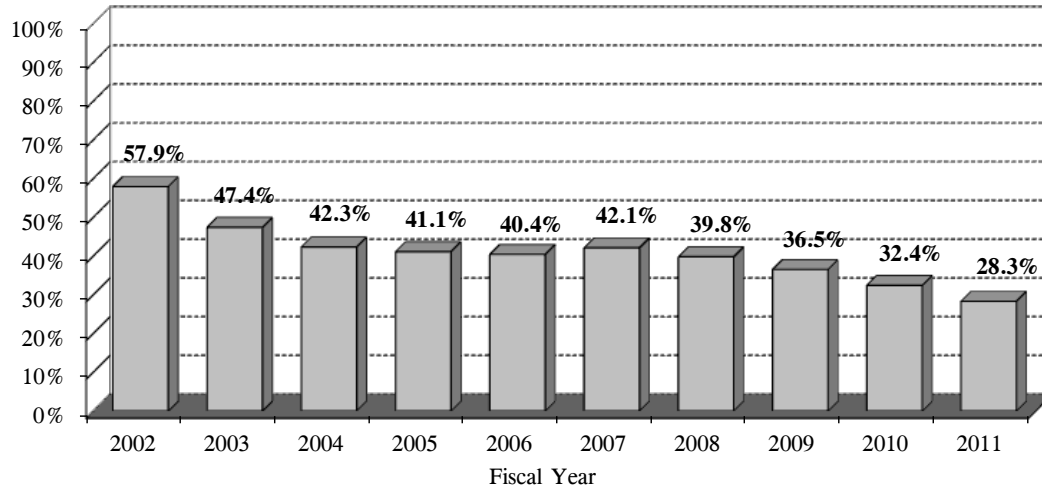
**CHART 28**

**CHICAGO FIREMEN'S PENSION FUND**  
**Average Retirement Annuity**



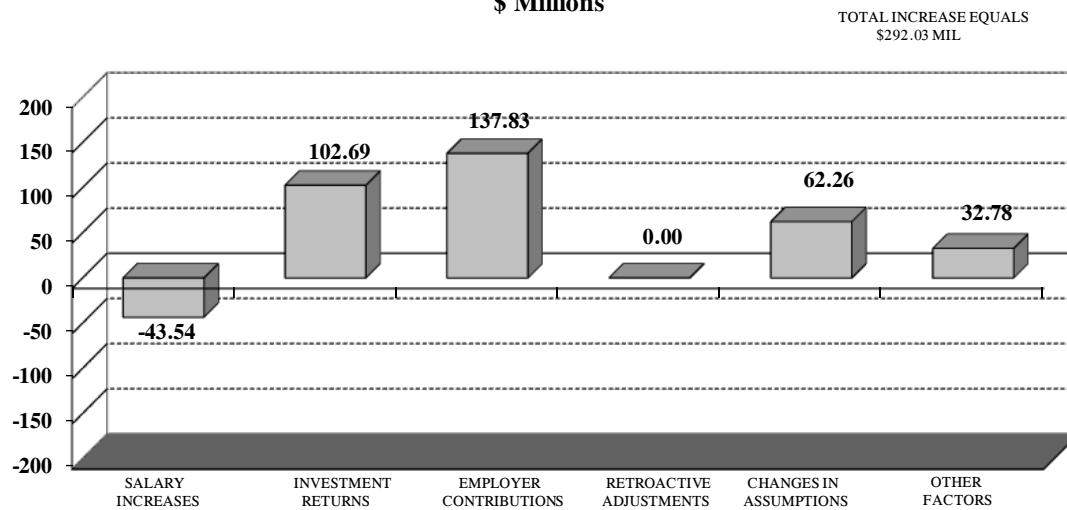
**CHART 29**

**CHICAGO FIREMEN'S PENSION FUND**  
**Funded Ratio**  
**FY 2002 - FY 2011**



**CHART 30**

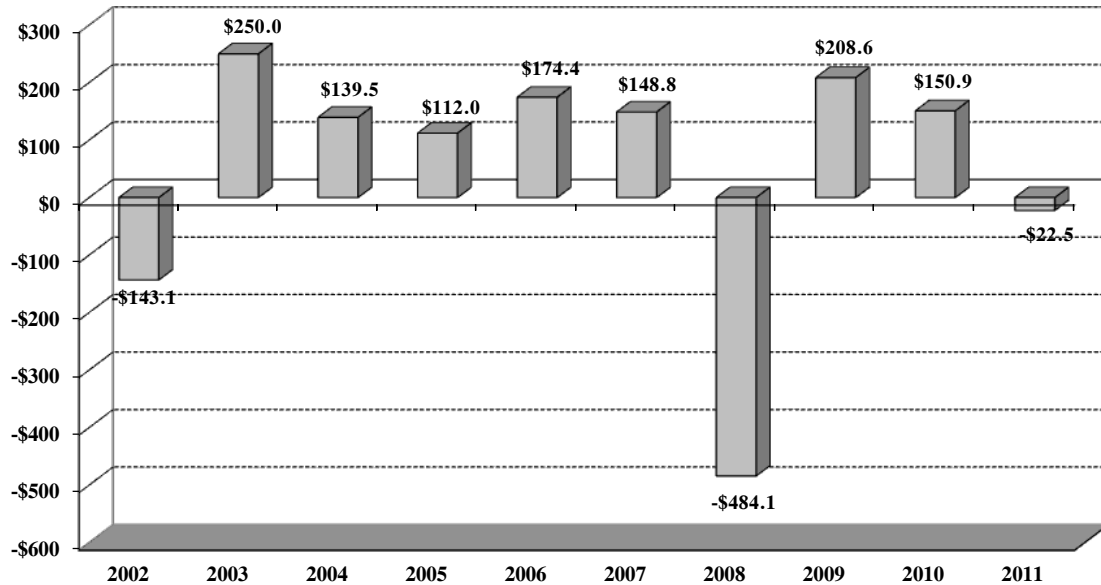
**FIREMEN'S ANNUITY & BENEFIT FUND OF CHICAGO**  
**Change in Unfunded Liabilities**  
**FY 2011**  
**\$ Millions**



Note: Retroactive adjustments represent all retroactive pay adjustments given during FY 2011.

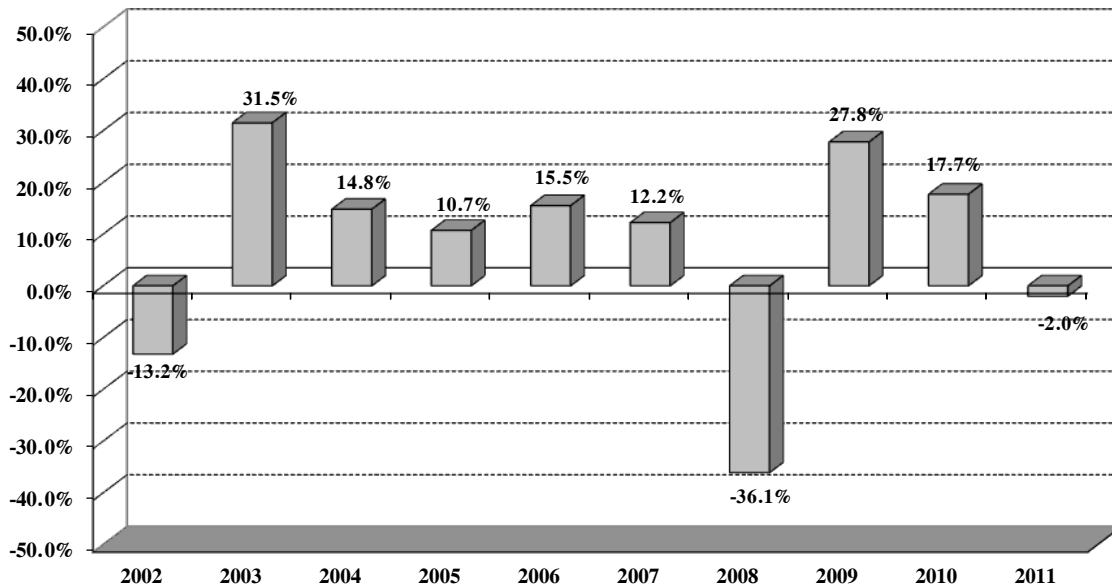
**CHART 31**

**CHICAGO FIREMENS' PENSION FUND**  
**Investment Income FY 2002 - FY 2011**  
 Actuarially Assumed Rate of Return: 8.00%  
 (Millions)



**CHART 32**

**CHICAGO FIREMENS' PENSION FUND**  
**Rate of Return Earned FY 2002 - FY 2011**  
 Actuarially Assumed Rate of Return: 8.00%  
 (\$ in millions)



**TABLE 8**

<b>FIREMEN'S ANNUITY &amp; BENEFIT FUND OF CHICAGO</b> <b>System Experience, FY 2002 - FY 2011</b> <b>(\$ in millions)</b>					
Fiscal Year	Annual Payroll	Actuarial Liabilities	Actuarial Assets	Unfunded Liabilities	Funded Ratio
2011	425.4	3,898.9	1,101.7	2,797.2	28.3 %
2010	400.4	3,703.2	1,198.1	2,505.1	32.4 %
2009	400.9	3,476.8	1,269.2	2,207.6	36.5 %
2008	396.2	3,358.6	1,335.7	2,022.9	39.8 %
2007	341.3	3,263.0	1,375.0	1,888.0	42.1 %
2006	387.4	3,133.1	1,264.5	1,868.6	40.4 %
2005	341.3	2,927.2	1,203.7	1,723.5	41.1 %
2004	334.4	2,793.5	1,182.6	1,610.9	42.3 %
2003	335.2	2,517.3	1,194.0	1,323.3	47.4 %
2002	277.1	2,088.7	1,209.8	878.9	57.9 %

NOTE: The above FY 2004 - FY 2011 figures include healthcare assets/liabilities.

**TABLE 9**

<b>FIREMEN'S ANNUITY &amp; BENEFIT FUND OF CHICAGO</b> <b>Changes in Net Assets</b> <b>(\$ in millions)</b>								
Fiscal Years	2011	2010	2009	2008	2007	2006	2005	2004
<b>Additions to Assets</b>								
Employer	85.5	83.6	91.8	83.7	74.3	79.0	90.1	55.5
Employees	51.9	41.7	41.6	40.5	41.1	44.2	35.7	37.7
Net Investment Income	-22.4	150.9	208.6	-484.1	148.8	174.4	112.0	139.6
Other	0.0	0.0	0.0	0.1	0.2	0.1	0.5	24.3
<b>Total Asset Additions (A)</b>	<b>115.0</b>	<b>276.2</b>	<b>342.0</b>	<b>-359.8</b>	<b>264.4</b>	<b>297.7</b>	<b>238.3</b>	<b>257.1</b>
<b>Deductions from Assets</b>								
Benefits	221.5	215.8	199.0	190.0	181.6	176.6	166.1	156.4
Refunds	2.1	1.8	2.1	2.7	1.7	1.6	1.5	2.0
Rebates	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administrative Expenses	2.5	3.1	3.0	2.9	3.1	2.7	2.2	2.1
Other	1.2	1.1	0.4	0.0	0.0	0.0	0.0	0.0
<b>Total Asset Deductions (B)</b>	<b>227.3</b>	<b>221.8</b>	<b>204.5</b>	<b>195.6</b>	<b>186.4</b>	<b>180.9</b>	<b>169.8</b>	<b>160.5</b>
<b>Change in Net Assets (A-B=C)</b>	<b>-112.3</b>	<b>54.4</b>	<b>137.5</b>	<b>-555.4</b>	<b>78.0</b>	<b>116.8</b>	<b>68.5</b>	<b>96.6</b>

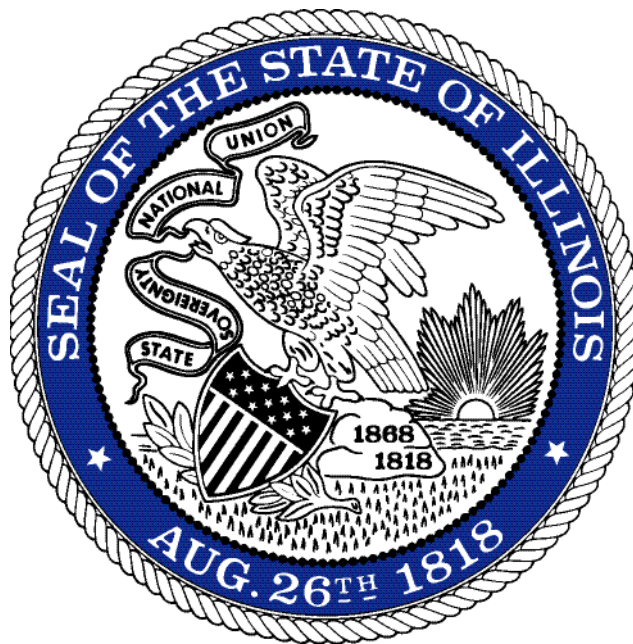
Table 10 below contains funding projections provided to CGFA by the Fireman's Annuity and Benefit Fund of Chicago based upon the December 31, 2011 actuarial valuation.

**TABLE 10**

<b>Firemen's Annuity and Benefit Fund of Chicago</b> <b>Funding Projections Based on December 31, 2011 Actuarial Valuation</b> <b>(\$ in millions)</b>								
Fiscal Year	Annual Capped Payroll	City Contribution Statutory	City Contribution As % of Payroll	Total Employee Contribution	Total Actuarial Liability	Actuarial Value of Assets	Unfunded Actuarial Liability	Funded Ratio
2012	438.9	87.9	20.03%	39.9	4,004.8	956.6	3,048.2	23.89%
2013	153.5	88.5	57.65%	41.2	4,156.0	907.0	3,249.0	21.82%
2014	468.3	109.5	23.38%	42.6	4,306.4	863.6	3,442.8	20.05%
2015	483.6	82.4	17.04%	43.9	4,454.4	775.8	3,678.6	17.42%
2016	499.3	257.0	51.47%	45.4	4,599.2	849.5	3,749.7	18.47%
2017	515.7	265.4	51.46%	46.8	4,739.7	924.2	3,815.5	19.50%
2018	533.3	274.5	51.47%	48.4	4,875.1	1,000.5	3,874.6	20.52%
2019	552.1	284.1	51.46%	50.0	5,005.1	1,079.2	3,925.9	21.56%
2020	572.0	294.4	51.47%	51.8	5,130.4	1,162.2	3,968.2	22.65%
2021	592.4	304.9	51.47%	53.6	5,252.1	1,251.5	4,000.6	23.83%
2022	614.5	316.2	51.46%	55.5	5,371.2	1,349.4	4,021.8	25.12%
2023	638.4	328.6	51.47%	57.6	5,487.4	1,457.8	4,029.6	26.57%
2024	662.2	340.8	51.46%	59.8	5,600.1	1,577.4	4,022.7	28.17%
2025	686.2	353.2	51.47%	62.1	5,709.7	1,709.7	4,000.0	29.94%
2026	709.7	365.3	51.47%	64.3	5,816.6	1,856.0	3,960.6	31.91%
2027	734.3	377.9	51.46%	66.5	5,923.6	2,020.3	3,903.3	34.11%
2028	760.8	391.6	51.47%	68.8	6,032.6	2,206.4	3,826.2	36.57%
2029	787.4	405.3	51.47%	71.3	6,144.1	2,416.6	3,727.5	39.33%
2030	813.6	418.7	51.46%	73.8	6,257.9	2,651.9	3,606.0	42.38%
2031	838.1	431.4	51.47%	76.2	6,373.3	2,912.7	3,460.6	45.70%
2032	862.7	444.0	51.47%	78.5	6,490.6	3,201.1	3,289.5	49.32%
2033	887.9	457.0	51.47%	80.8	6,610.6	3,519.7	3,090.9	53.24%
2034	812.4	469.6	57.80%	83.2	6,735.4	5,872.2	863.2	87.18%
2035	837.0	482.2	57.61%	85.5	6,866.6	4,261.8	2,604.8	62.07%
2036	961.4	494.8	51.47%	87.8	7,005.0	4,691.4	2,313.6	66.97%
2037	986.9	507.9	51.46%	90.0	7,153.0	5,165.9	1,987.1	72.22%
2038	1,013.2	521.5	51.47%	92.4	7,312.7	5,690.2	1,622.5	77.81%
2039	1,040.0	535.3	51.47%	94.9	7,486.6	6,269.4	1,217.2	83.74%
2040	1,067.8	549.6	51.47%	97.4	7,674.3	6,906.9	767.4	90.00%
2041	1,095.7	65.8	6.01%	100.0	7,875.7	7,088.2	787.5	90.00%

## VI. Illinois Municipal Retirement Fund

- Plan Summary
- Active Employees
- Employee Annuitants
- Average Salaries
- Average Retirement Annuity
- Funded Ratios
- Change in Unfunded Liabilities
- Investment Income
- Investment Rates of Return
- Systems Experience
- Changes in Net Assets



**Note:** All data shown in this section is based upon the system's Actuarial Valuation and CAFR as of December 31, 2011.





# Illinois Municipal Retirement Fund – Regular Formula Plan Summary

---

## Retirement Age

---

- Age 60 with 8 or more years of service.
- Age 55 with 35 or more years of service.

## Retirement Formula

---

- 1.67% of final average salary for each of the first 15 years of service, plus
- 2.0% of final average salary for each year of service in excess of 15.

## Maximum Annuity

---

- 75% of final average salary.

## Salary Used to Calculate Pension

---

- Average of the 4 highest consecutive years within the final 10 years.

## Annual COLA

---

- 3% non-compounded.

## Employee Contributions

---

- 4.5% of salary. In addition, IMRF members contribute to Social Security.

## Employer Contributions

---

Each IMRF employer makes contributions to individual accounts which, when combined with member contributions and investment income, will be sufficient to provide future benefits for its own employees. In 2009, IMRF employers contributed, on average, 9.27% of payroll to fund regular IMRF benefits. In addition, they contribute to Social Security.

**Note: Benefits shown are for employees hired prior to January 1, 2011, the effective date of P. A. 96-0889. See the P. A. 96-0889 Section on page 3 for a summary of benefits for employees hired after January 1, 2011.**

# **Illinois Municipal Retirement Fund**

## **Elected County Officers Plan (ECO)**

### **Plan Summary**

---

#### Retirement Age

---

- Age 55 with 8 or more years of service.

#### Retirement Formula

---

- 3 % of final earnings for the first 8 years of service, plus
- 4 % of final earnings for each of the next 4 years of service, plus
- 5 % of final earnings for each year over 12 years of service.

#### Maximum Annuity

---

- 80 % of final average salary.

#### Salary Used to Calculate Pension

---

- Annual salary rate at the date of termination or retirement.

#### Annual COLA

---

- 3 % non-compounded.

#### Employee Contributions

---

- 7.5 % of salary.

#### Employer Contributions

---

Each IMRF employer makes contributions to individual accounts which, when combined with member contributions and investment income, will be sufficient to provide future benefits for its own employees. In 2009, IMRF employers contributed, on average, 42.77 % of payroll to fund ECO benefits.

# **Illinois Municipal Retirement Fund**

## **Sheriff's Law Enforcement Personnel Plan (SLEP)**

### **Plan Summary**

---

#### **Retirement Age**

---

- Age 50 with 20 or more years of service.

#### **Retirement Formula**

---

- 2.5% of final rate of earnings for each year of service.

#### **Maximum Annuity**

---

- 80% of final average salary.

#### **Salary Used to Calculate Pension**

---

- Average of the 4 highest consecutive years within the final 10 years.

#### **Annual COLA**

---

- 3% non-compounded.

#### **Employee Contributions**

---

- 7.5% of salary.

#### **Employer Contributions**

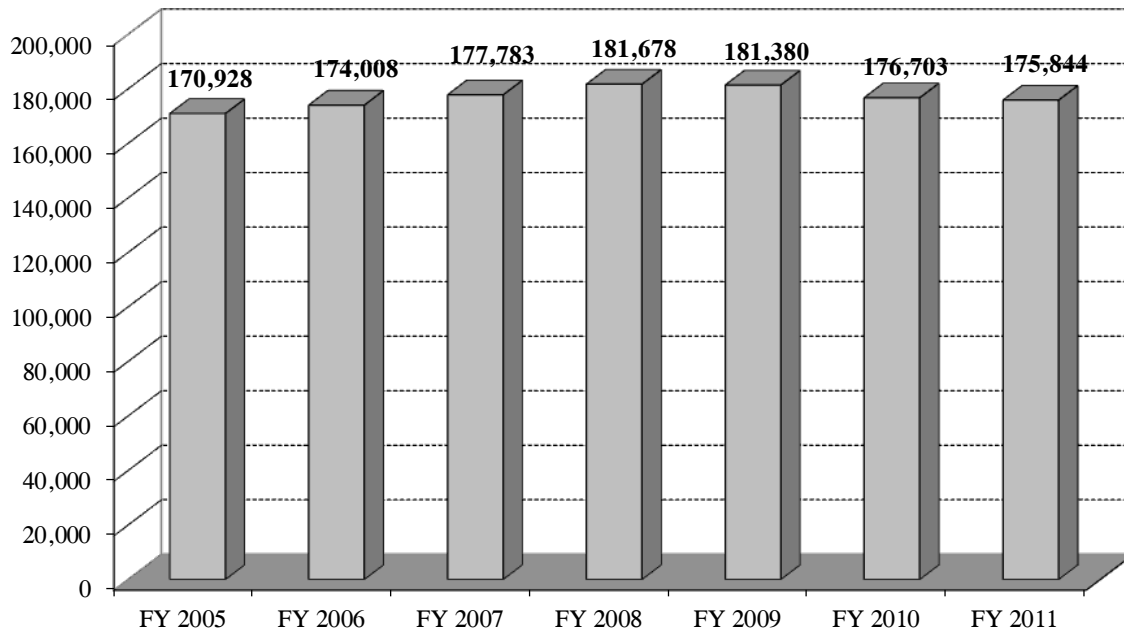
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Each IMRF employer makes contributions to individual accounts which, when combined with member contributions and investment income, will be sufficient to provide future benefits for its own employees. In 2009, IMRF employers contributed, on average, 18.65% of payroll to fund SLEP benefits.

**Note: Benefits shown are for employees hired prior to January 1, 2011, the effective date of P.A. 96-0889 and P.A. 06-1495. See the P.A. 96-0889 & P.A. 96-1495 Section on pages 3-6 for a summary of benefits for employees hired after January 1, 2011.**

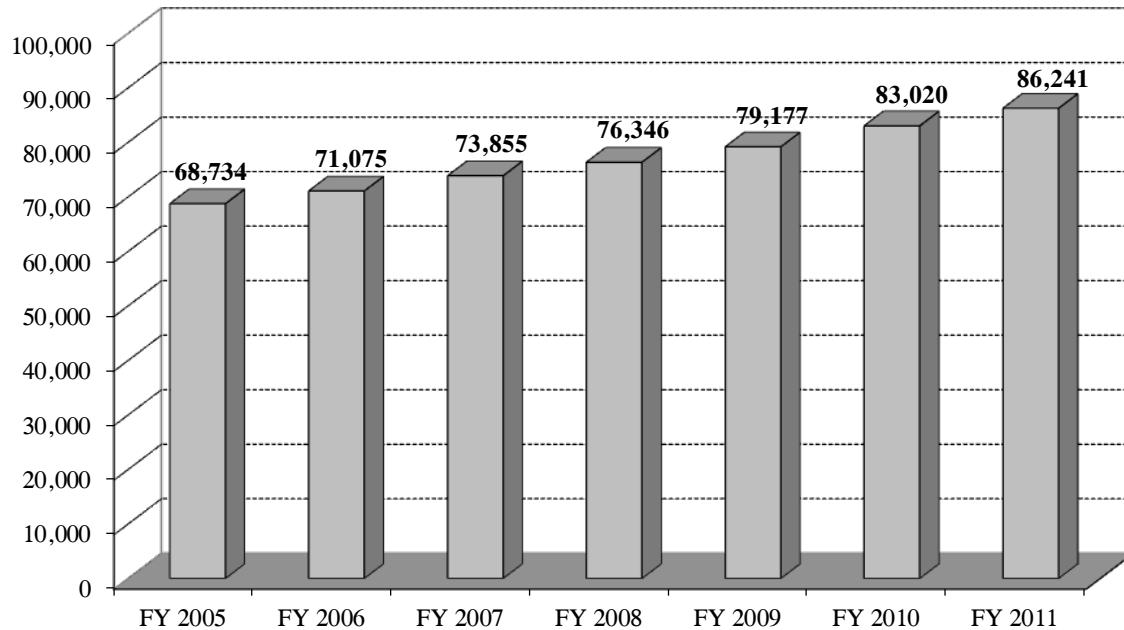
**CHART 33**

**ILLINOIS MUNICIPAL RETIREMENT FUND  
Active Employees**



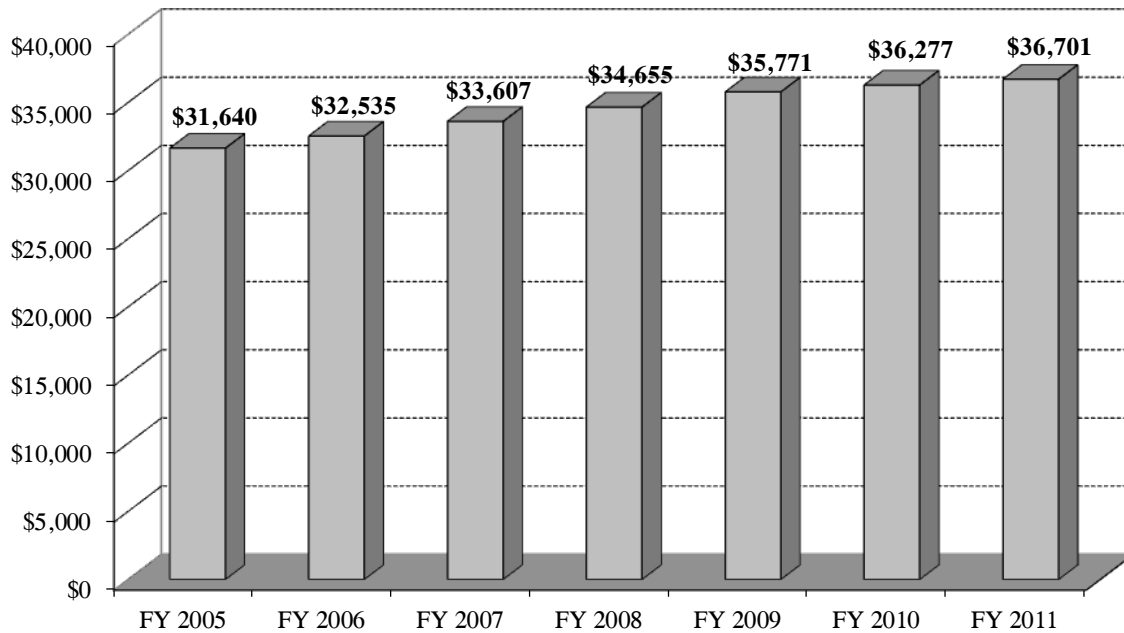
**CHART 34**

**ILLINOIS MUNICIPAL RETIREMENT FUND  
Employee Annuitants**



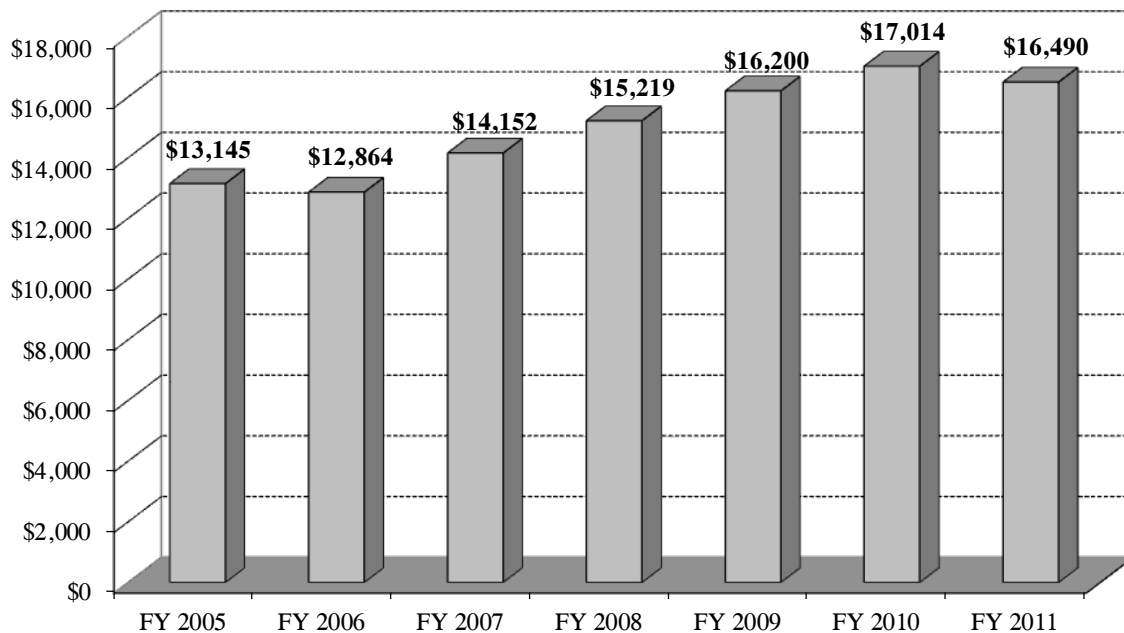
**CHART 35**

**ILLINOIS MUNICIPAL RETIREMENT FUND**  
**Average Salary**



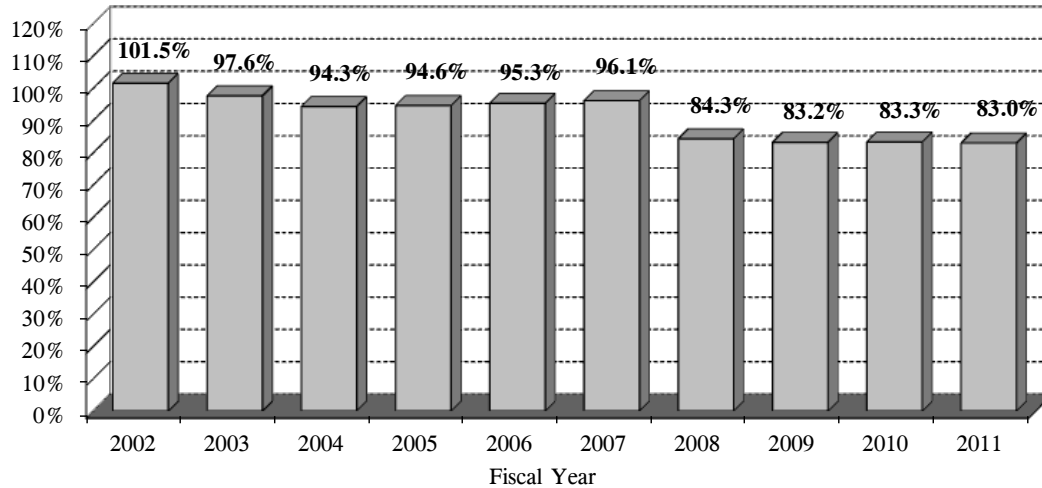
**CHART 36**

**ILLINOIS MUNICIPAL RETIREMENT FUND**  
**Average Retirement Annuity**



**CHART 37**

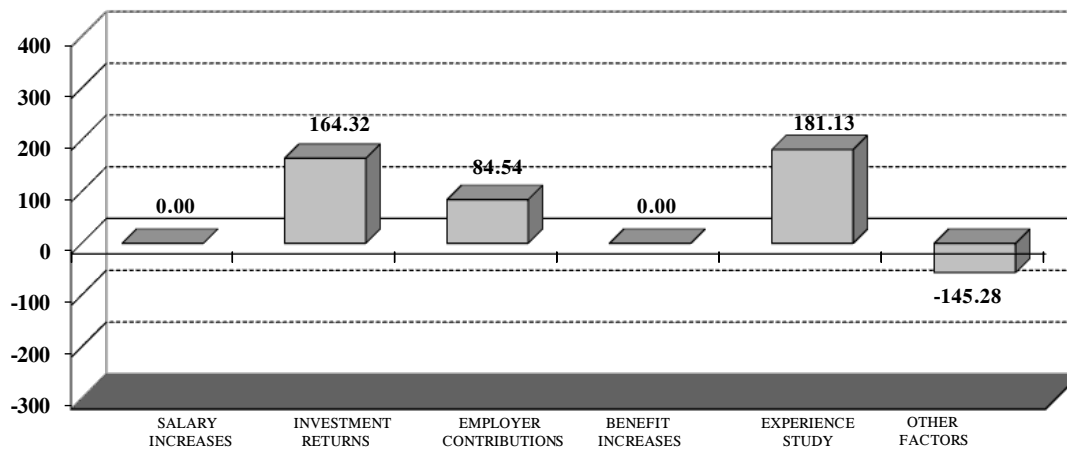
**ILLINOIS MUNICIPAL RETIREMENT FUND**  
**Funded Ratio**  
**FY 2002 - FY 2011**



**CHART 38**

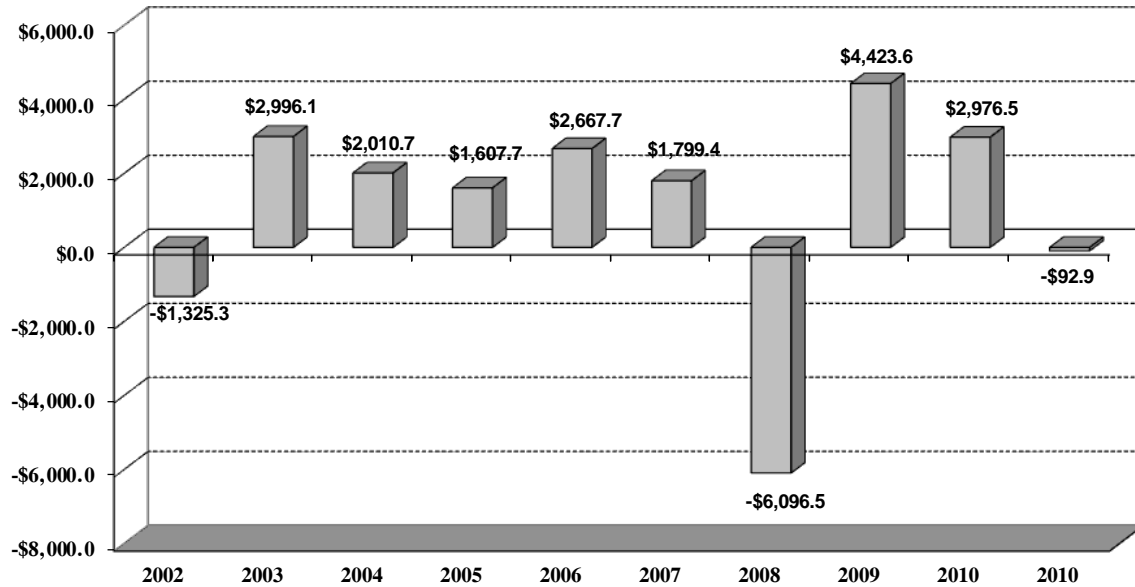
**ILLINOIS MUNICIPAL RETIREMENT FUND**  
**Change in Unfunded Liabilities**  
**FY 2011**  
**\$ Millions**

TOTAL INCREASE EQUALS  
\$373.44 MIL



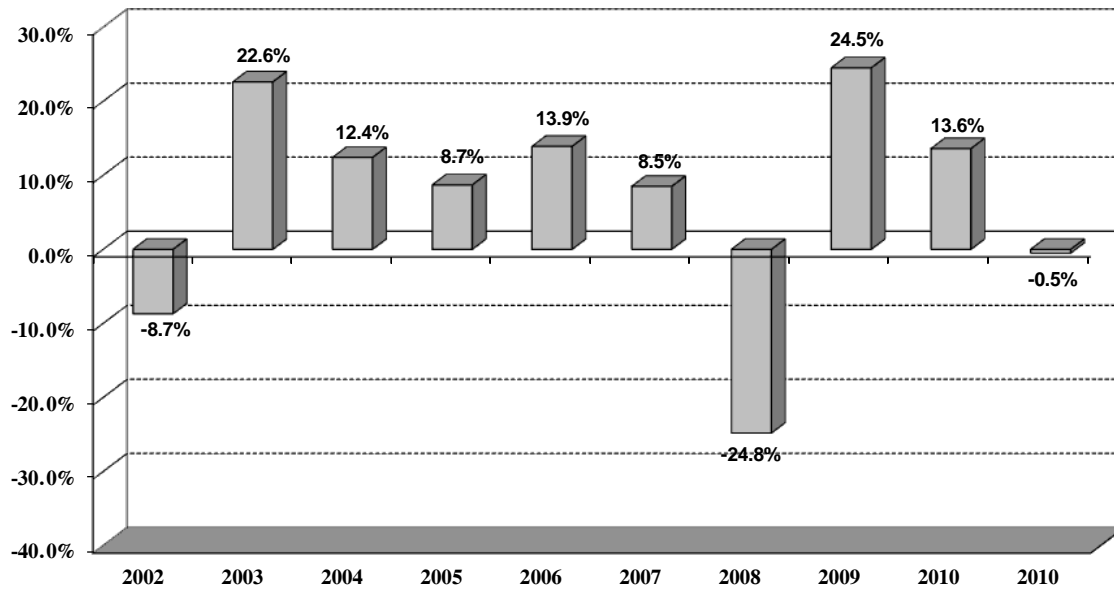
**CHART 39**

**ILLINOIS MUNICIPAL RETIREMENT FUND**  
**Investment Income FY 2002 - FY 2011**  
 Actuarially Assumed Rate of Return: 7.50%  
 (Millions)



**CHART 40**

**ILLINOIS MUNICIPAL RETIREMENT FUND**  
**Rate of Return FY 2002 - FY 2011**  
 Actuarially Assumed Rate of Return: 7.50%  
 (\$ in millions)



**TABLE 11**

<b>ILLINOIS MUNICIPAL RETIREMENT FUND</b> <b>System Experience, FY 2002 - FY 2011</b> <b>(\$ in millions)</b>					
Fiscal Year	Annual Payroll	Actuarial Liabilities	Actuarial Assets	Unfunded Liabilities	Funded Ratio
2011	6,431.3	30,962.8	25,711.3	5,251.5	83.0%
2010	6,391.2	29,129.2	24,251.1	4,878.1	83.3%
2009	6,461.7	27,345.1	22,754.8	4,590.3	83.2%
2008	6,259.3	25,611.2	21,601.1	4,010.1	84.3%
2007	5,931.4	24,221.5	23,274.4	947.1	96.1%
2006	5,630.7	22,488.2	21,427.1	1,061.1	95.3%
2005	5,374.6	20,815.1	19,698.4	1,116.7	94.6%
2004	5,161.1	19,424.7	18,316.0	1,108.7	94.3%
2003	4,944.8	17,966.1	17,529.9	436.2	97.6%
2002	4,755.1	16,559.9	16,800.2	(240.3)	101.5%



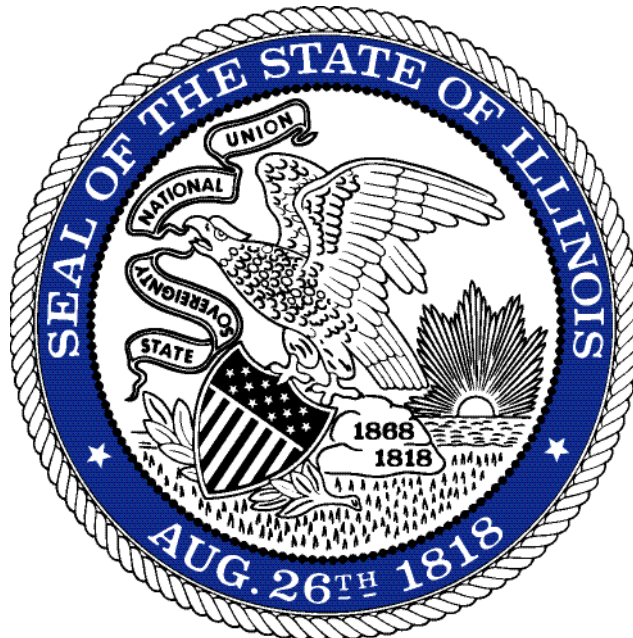
**TABLE 12**

<b>ILLINOIS MUNICIPAL RETIREMENT FUND</b> <b>Changes in Net Assets</b> <b>(\$ in millions)</b>								
Fiscal Years	2011	2010	2009	2008	2007	2006	2005	2004
<b>Additions to Assets</b>								
Employer	800.8	770.2	660.4	631.1	600.8	602.8	543.3	456.2
Employees	327.7	324.9	324.1	314.0	296.7	281.0	265.6	259.5
Net Investment Income	-92.9	2,976.5	4,423.6	-6,096.5	1,799.4	2,667.7	1,607.7	2,010.7
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Asset Additions (A)	1,035.6	4,071.6	5,408.0	-5,151.4	2,696.9	3,551.5	2,416.6	2,726.4
<b>Deductions from Assets</b>								
Benefits	1,284.4	1,178.0	1,077.8	997.5	924.0	856.2	791.3	733.4
Refunds	32.9	32.2	27.4	31.9	36.2	40.1	32.1	31.2
Rebates	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administrative Expenses	23.1	22.3	22.0	20.7	20.8	20.3	19.7	19.4
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Asset Deductions (B)	1,340.4	1,232.5	1,127.2	1,050.1	981.0	916.6	843.1	784.0
Change in Net Assets (A-B=C)	-304.8	2,839.1	4,280.8	-6,201.4	1,715.9	2,634.9	1,573.5	1,942.4



## **VII. Laborers' Annuity and Benefit Fund of Chicago**

- **Plan Summary**
- **Active Employees**
- **Employee Annuitants**
- **Average Salaries**
- **Average Retirement Annuity**
- **Funded Ratios**
- **Change in Unfunded Liabilities**
- **Investment Income**
- **Investment Rates of Return**
- **Systems Experience**
- **Changes in Net Assets**
- **System Projections**



**Note: All data shown in this section is based upon the system's Actuarial Valuation and CAFR as of December 31, 2011.**



# **Laborers' Annuity and Benefit Fund of Chicago**

## **Plan Summary**

---

### **Retirement Age**

---

- Age 60 with 10 years of service.
- Age 55 with 20 years of service.
- Age 50 with at least 30 years of service.
- Age 55 with 10 years of service (money purchase).

### **Retirement Formula**

---

- 2.4% of final average salary for each year of service.

### **Maximum Annuity**

---

- 80% of final average salary.

### **Salary Used to Calculate Pension**

---

- Average of 4 highest consecutive years within final 10 years of service.

### **Annual COLA**

---

- 3% compounded.

### **Employee Contributions**

---

- 8.5% of salary.

### **Required Employer Contributions**

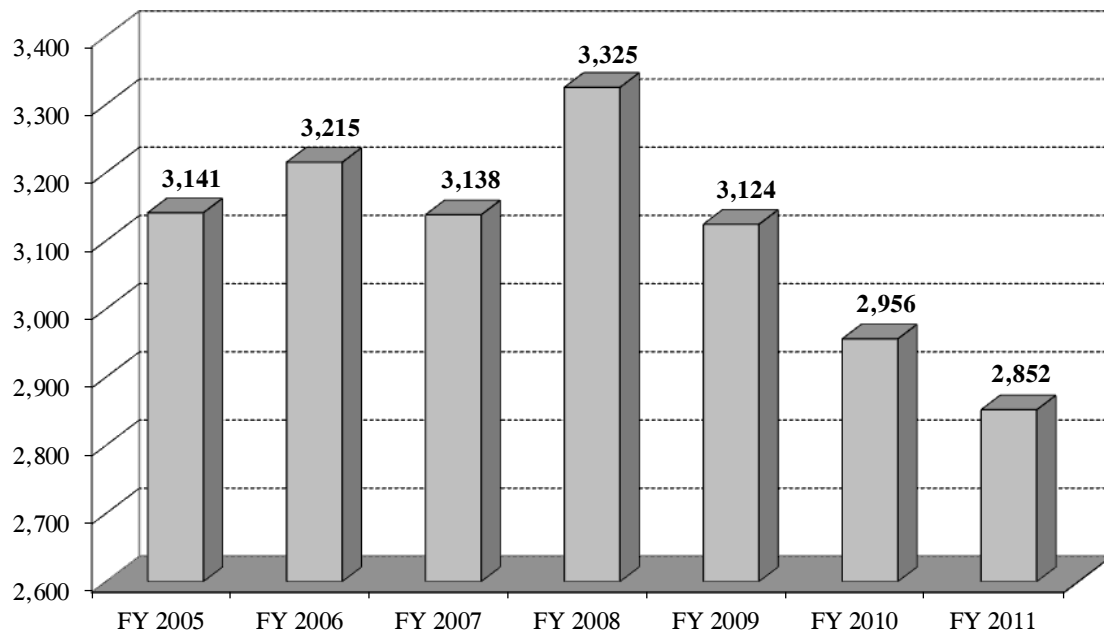
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The City of Chicago is required to contribute an amount equal to the employee contributions to the fund two years prior to the year in which the tax is levied, multiplied by 1.00.

**Note: Benefits shown are for employees hired prior to January 1, 2011, the effective date of P.A. 96-0889. See the P.A. 96-0889 Section on page 3 for a summary of benefits for employees hired after January 1, 2011.**

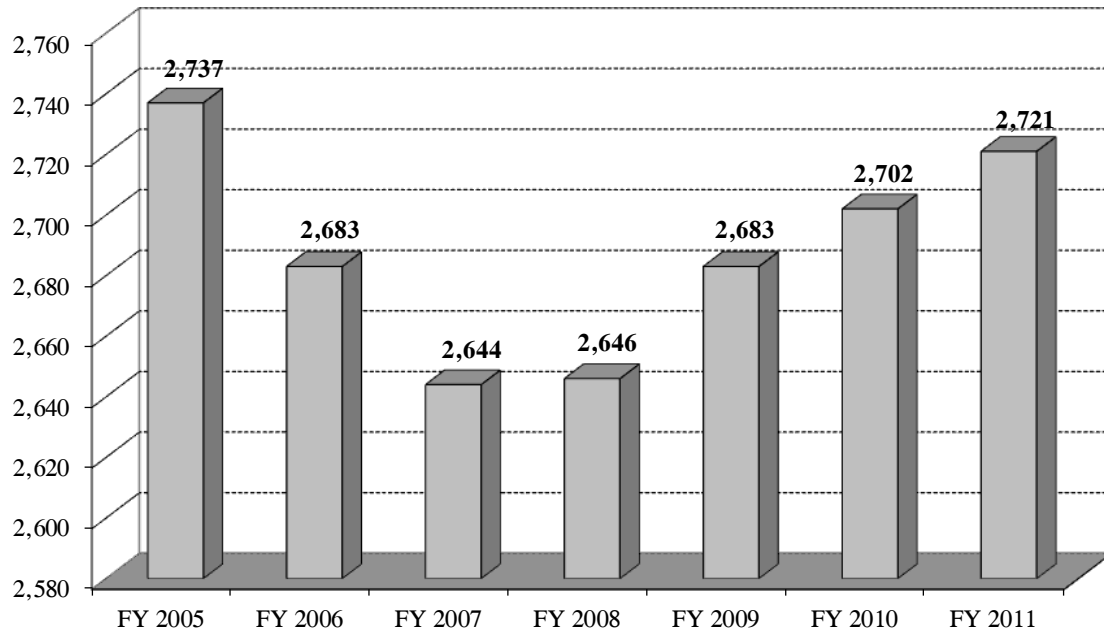
**CHART 41**

**CHICAGO LABORERS' PENSION FUND**  
**Active Employees**



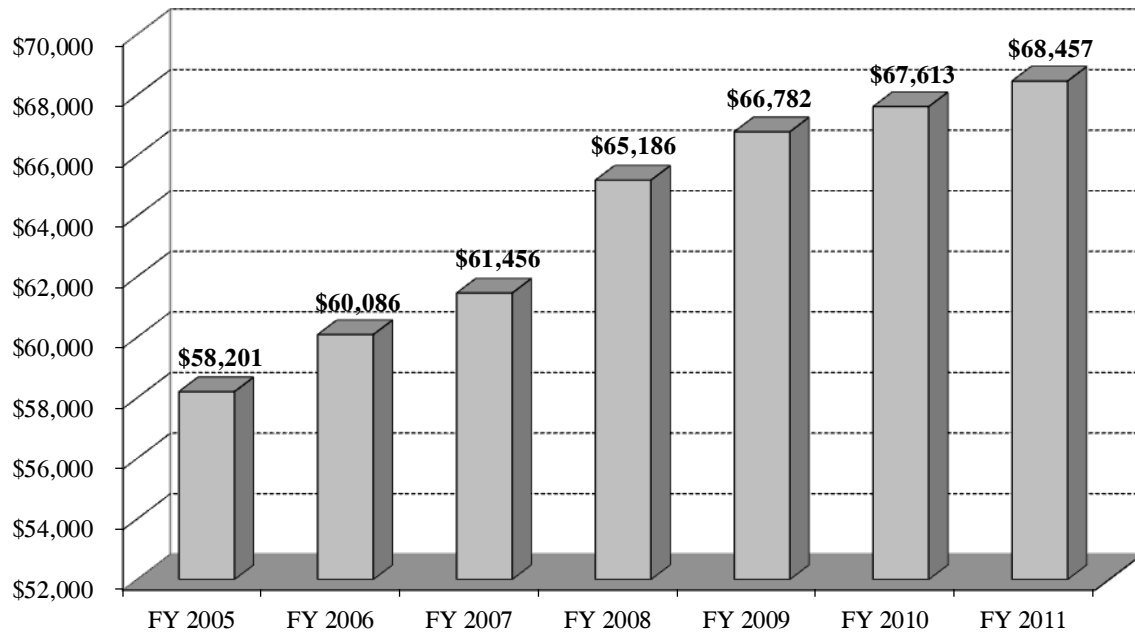
**CHART 42**

**CHICAGO LABORERS' PENSION FUND**  
**Employee Annuitants**



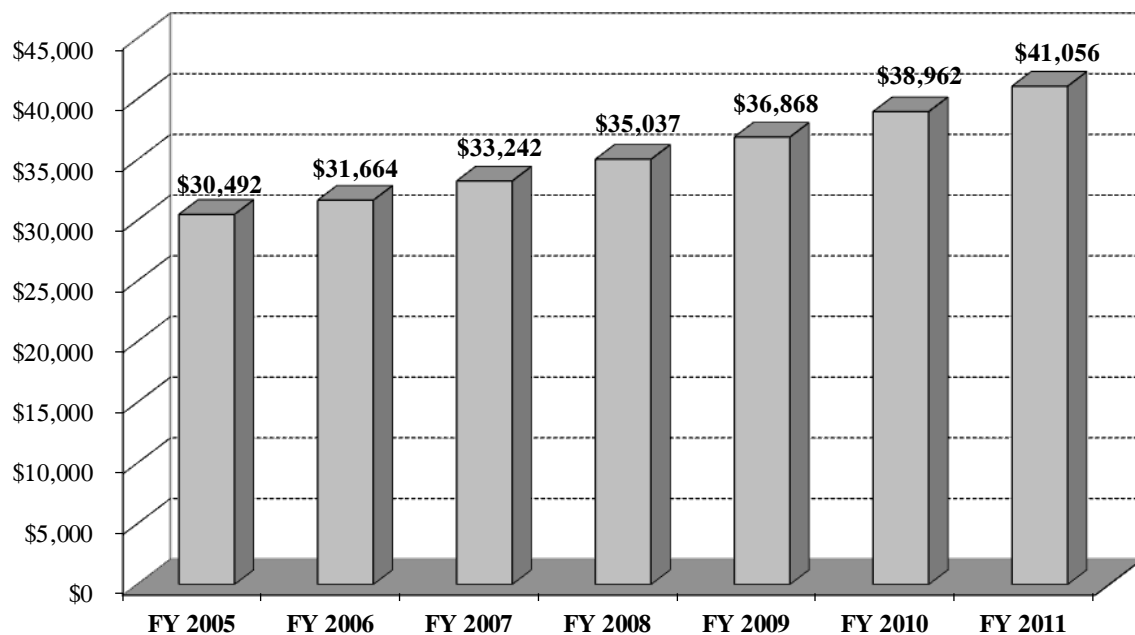
**CHART 43**

**CHICAGO LABORERS' PENSION FUND**  
**Average Employee Salaries**



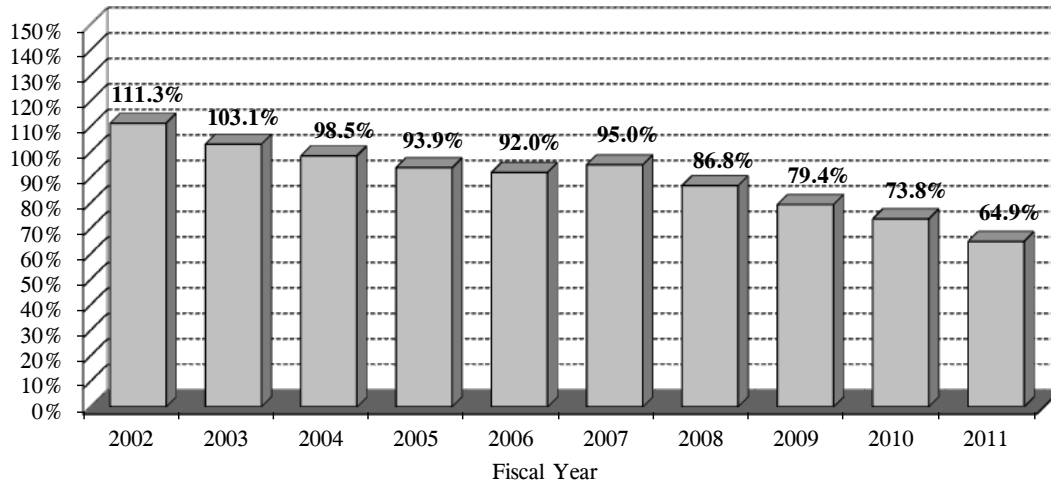
**CHART 44**

**CHICAGO LABORERS' PENSION FUND**  
**Average Retirement Annuities**



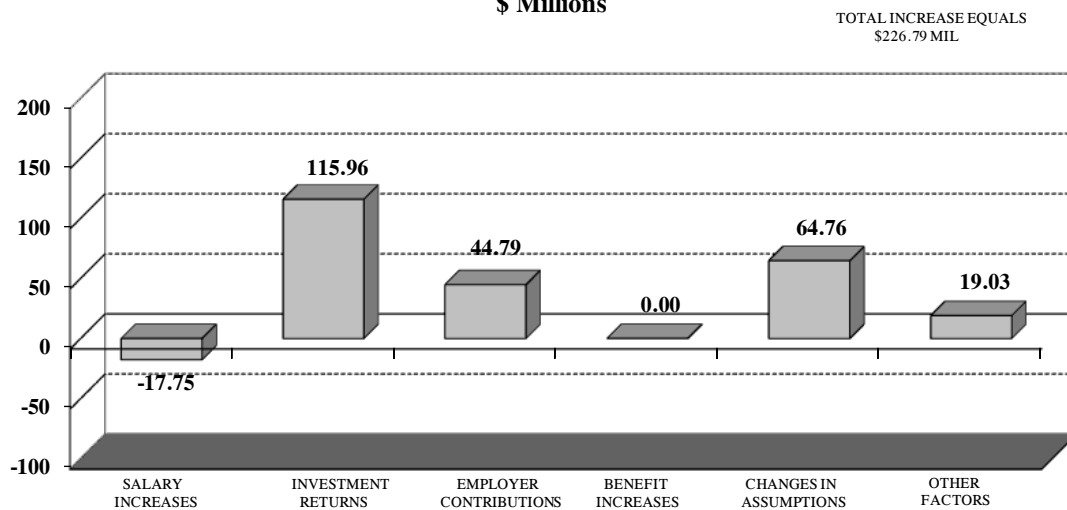
**CHART 45**

**CHICAGO LABORERS' PENSION FUND**  
**Funded Ratio**  
**FY 2002 - FY 2011**



**CHART 46**

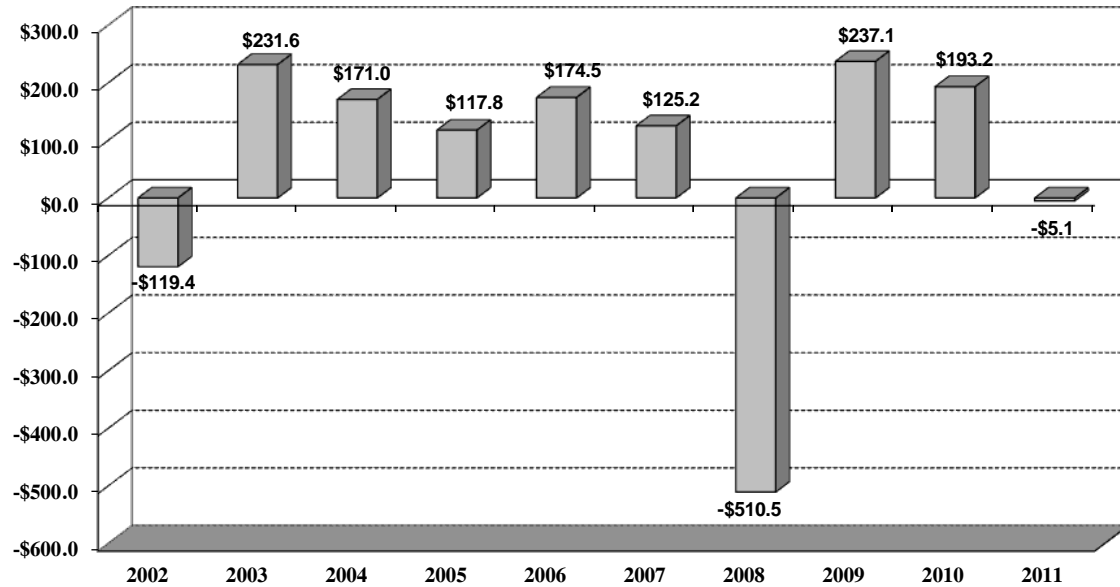
**CHICAGO LABORERS' PENSION FUND**  
**Change in Unfunded Liabilities**  
**FY 2011**  
**\$ Millions**





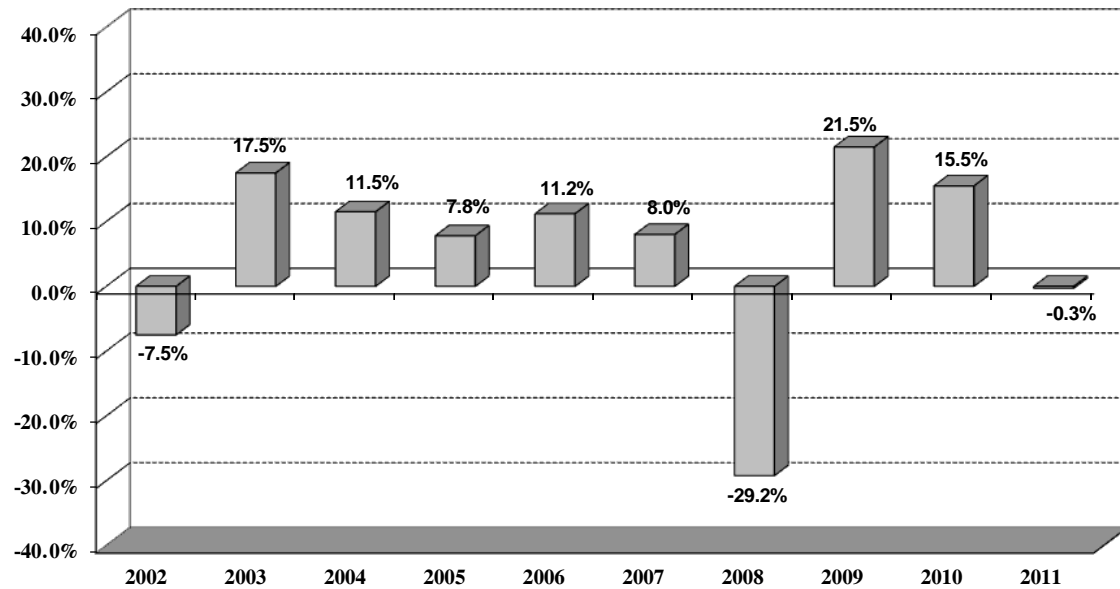
**CHART 47**

**CHICAGO LABORERS' PENSION FUND**  
**Investment Income FY 2002 - FY 2011**  
**Actuarially Assumed Rate of Return: 8.00%**  
**(Millions)**



**CHART 48**

**CHICAGO LABORERS' PENSION FUND**  
**Rate of Return FY 2002 - FY 2011**  
**Actuarially Assumed Rate of Return: 8.00%**  
**(\$ in millions)**



**TABLE 13**

<b>CHICAGO LABORERS' PENSION FUND</b> <b>System Experience, FY 2002 - FY 2011</b> <b>(\$ in millions)</b>					
Fiscal Year	Annual Payroll	Actuarial Liabilities	Actuarial Assets	Unfunded Liabilities	Funded Ratio
2011	195.2	2,191.2	1,422.4	768.8	64.9%
2010	199.9	2,071.4	1,529.4	542.0	73.8%
2009	208.6	2,017.5	1,601.4	416.1	79.4%
2008	216.7	1,957.4	1,698.4	259.0	86.8%
2007	192.8	1,849.7	1,757.7	92.0	95.0%
2006	193.2	1,809.3	1,664.1	145.2	92.0%
2005	182.8	1,742.3	1,635.6	106.7	93.9%
2004	171.5	1,674.6	1,650.0	24.6	98.5%
2003	205.7	1,628.6	1,679.8	(51.2)	103.1%
2002	207.4	1,540.6	1,715.1	(174.5)	111.3%

NOTE: The above FY 2006 - FY 2011 figures include healthcare assets/liabilities.

**TABLE 14**

<b>CHICAGO LABORERS' PENSION FUND</b> <b>Changes in Net Assets</b> <b>(\$ in millions)</b>								
Fiscal Years	2011	2010	2009	2008	2007	2006	2005	2004
<b>Additions to Assets</b>								
Employer	15.3	18.0	17.2	17.6	15.5	0.1	0.0	0.2
Employees	16.1	16.3	17.5	19.4	18.4	18.8	16.3	22.6
Net Investment Income	-5.1	193.2	237.1	-510.5	125.2	174.5	117.8	171.1
Other	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Asset Additions (A)</b>	<b>26.9</b>	<b>227.5</b>	<b>271.8</b>	<b>-473.5</b>	<b>159.1</b>	<b>193.4</b>	<b>134.1</b>	<b>193.9</b>
<b>Deductions from Assets</b>								
Benefits	133.5	127.0	121.0	113.7	108.8	106.9	105.2	99.3
Refunds	3.0	2.3	2.8	3.5	3.7	3.1	4.2	6.7
Rebates	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administrative Expenses	4.0	3.9	3.7	3.6	3.4	2.8	3.0	2.9
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Asset Deductions (B)</b>	<b>140.5</b>	<b>133.2</b>	<b>127.5</b>	<b>120.8</b>	<b>115.9</b>	<b>112.8</b>	<b>112.4</b>	<b>108.9</b>
<b>Change in Net Assets (A-B=C)</b>	<b>-113.6</b>	<b>94.3</b>	<b>144.3</b>	<b>-594.3</b>	<b>43.2</b>	<b>80.6</b>	<b>21.7</b>	<b>85.0</b>

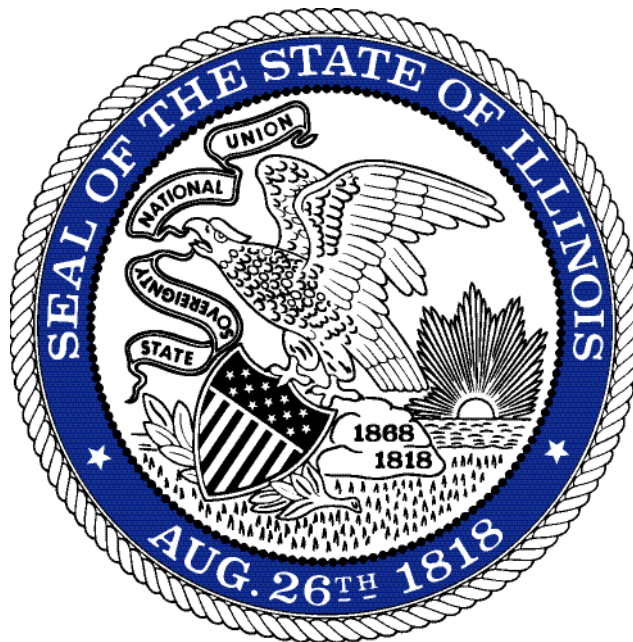
Table 15 below contains funding projections provided to CGFA by the Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago based upon the December 31, 2010 actuarial valuation. As shown in the table below, under the current funding laws the Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago is projected to run out of assets by 2031.

**TABLE 15**

<b>Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago</b> <b>Reduced Benefits for Members Starting Participation on/after January 1, 2011</b> <b>Retirement System Projections Based on Public Act 96-0889 (SB 1946)</b> <b>(\$ in millions)</b>								
Fiscal Year	Annual Capped Payroll	Statutory Contribution	Statutory Contribution As % of Payroll	Total Employee Contribution	Total Actuarial Liability	Actuarial Value of Assets	Unfunded Actuarial Liability	Funded Ratio
2012	195.2	14.9	7.63%	16.6	2,247.8	1,305.0	942.8	58.06%
2013	201.9	14.0	6.93%	17.2	2,303.6	1,310.9	992.7	56.91%
2014	206.8	15.7	7.59%	17.6	2,358.5	1,282.2	1,076.3	54.37%
2015	212.5	16.2	7.62%	18.1	2,412.8	1,229.0	1,183.8	50.94%
2016	218.5	16.6	7.60%	18.6	2,466.1	1,192.0	1,274.1	48.34%
2021	258.8	19.1	7.38%	22.0	2,707.2	871.1	1,836.1	32.18%
2026	294.5	21.9	7.44%	25.0	2,870.1	232.4	2,637.7	8.10%
2031	332.8	235.4	70.73%	28.3	2,908.3	0.0	2,908.3	0.00%
2036	376.4	248.6	66.05%	32.0	2,834.5	0.0	2,834.5	0.00%
2041	425.3	241.1	56.69%	36.2	2,724.9	0.0	2,724.9	0.00%

## **VIII. Metropolitan Water Reclamation District Retirement Fund**

- **Plan Summary**
- **Active Employees**
- **Employee Annuitants**
- **Average Salaries**
- **Average Retirement Annuity**
- **Funded Ratios**
- **Change in Unfunded Liabilities**
- **Investment Income**
- **Investment Rates of Return**
- **Systems Experience**
- **Changes in Net Assets**
- **System Projections**



**Note: All data shown in this section is based upon the system's Actuarial Valuation and CAFR as of December 31, 2011.**



# Metropolitan Water Reclamation District Retirement Fund - Plan Summary

## Retirement Age

---

- Age 60 with 5 years of service.
- Age 50 with 10 years of service (Age 55 if hired after 6/13/97).

## Retirement Formula

---

- 2.2% of final average salary for the first 20 years of service, plus
- 2.4% of final average salary for each year in excess of 20.

## Maximum Annuity

---

- 80% of final average salary.

## Salary Used to Calculate Pension

---

- Any 52 consecutive pay periods within the final 10 years of service.

## Annual COLA

---

- 3% compounded.

## Employee Contributions (as modified by P.A. 97-0894)

---

- Tier 1 employees currently contribute 9% of salary towards their pension benefits. During calendar year 2013, MWRD employees shall contribute 10% of salary for their pension annuities and survivor benefits. During calendar year 2014, this contribution rate will increase to 11% of salary. Beginning on January 1, 2015, the employee contribution rate will increase to 12% of salary, where it will remain until the MWRD pension fund reaches a 90% funded ratio. Upon attainment of a 90% funding ratio, the member contribution rate will revert back to 9%. These changes to the Tier 1 employee contribution rate were made by HB 4513 (P.A. 97-0894), which became effective on August 3rd, 2012. Tier 2 employees contribute 9.0% of salary (unchanged by P.A. 97-0894).

## Employer Contributions

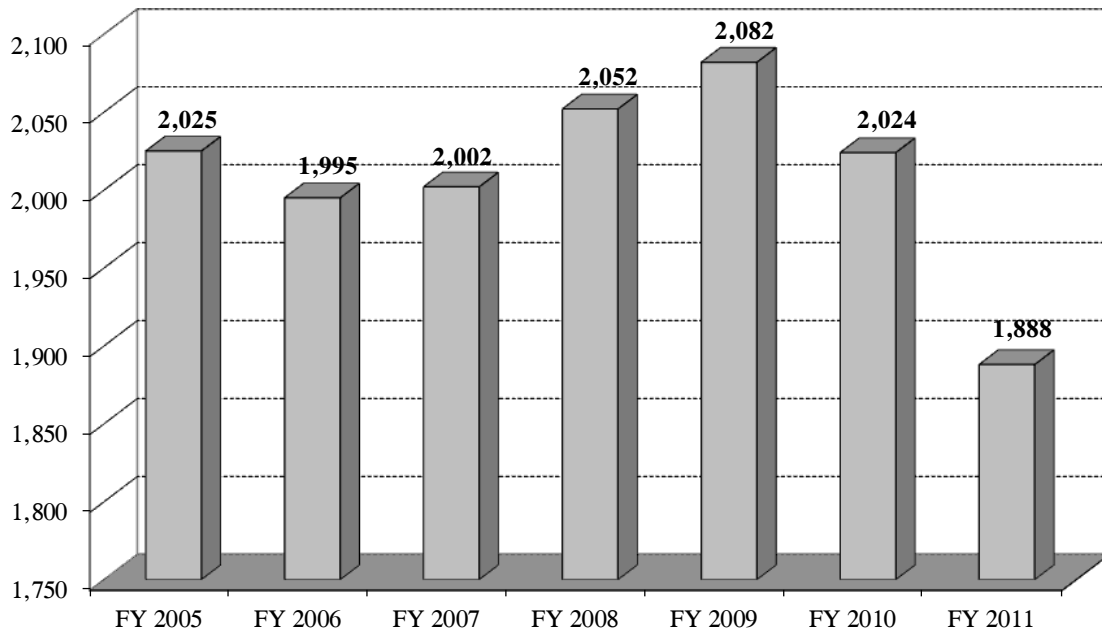
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The District levies a tax annually that is the level percentage of payroll necessary to reach a 90% funding level by FY2050. However, no annual levy shall exceed the total amount of contributions made by employees in the calendar year 2 years prior to the year of the levy, multiplied by 4.19.

**Note: Benefits shown on this page are for employees hired prior to January 1, 2011. Tier 1 and Tier 2 employee contribution rates are shown here so as to distinguish the changes made to Tier 1 contribution rates as a result of P.A. 97-0894. For a summary of benefits for employees hired after January 1, 2011, see the P.A. 96-0889 Section on Page 3.**

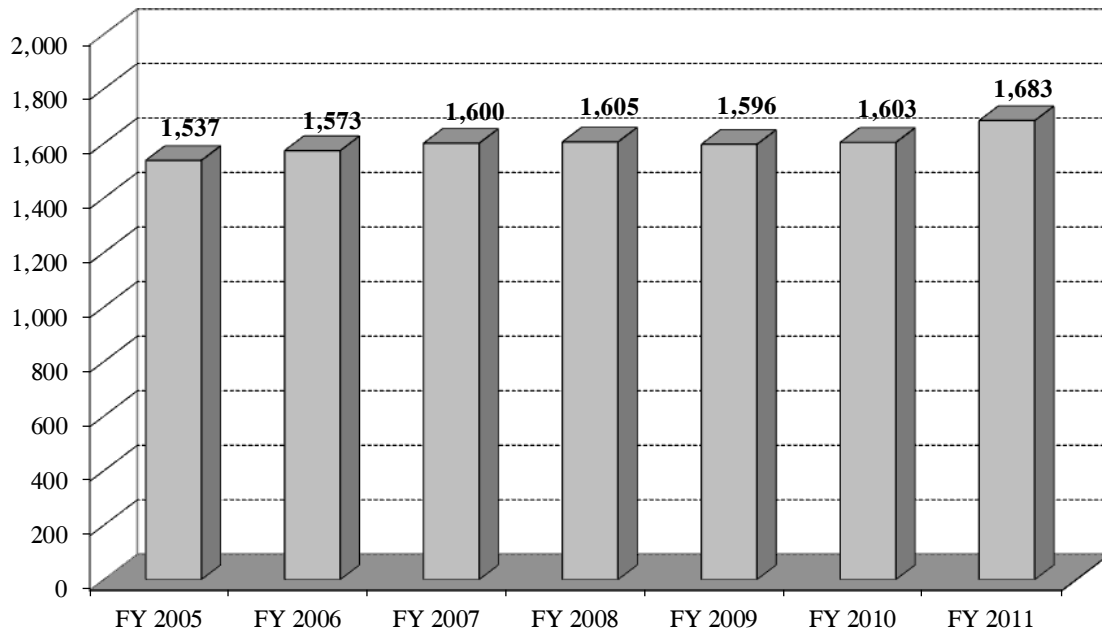
**CHART 49**

**METROPOLITAN WATER PENSION FUND  
Active Employees**



**CHART 50**

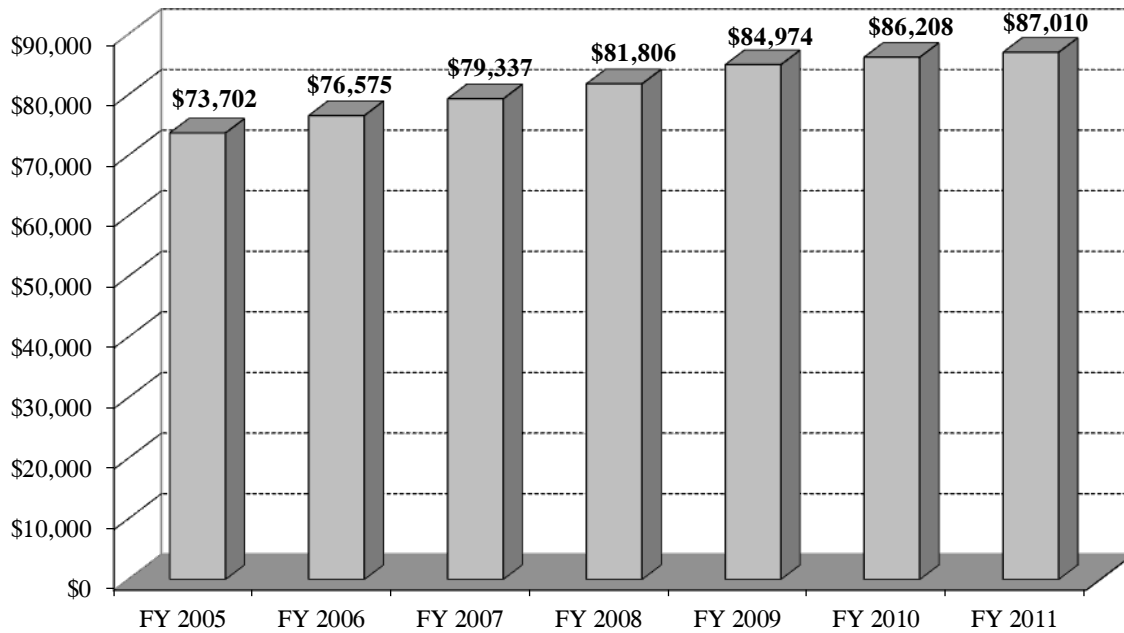
**METROPOLITAN WATER PENSION FUND  
Employee Annuitants**





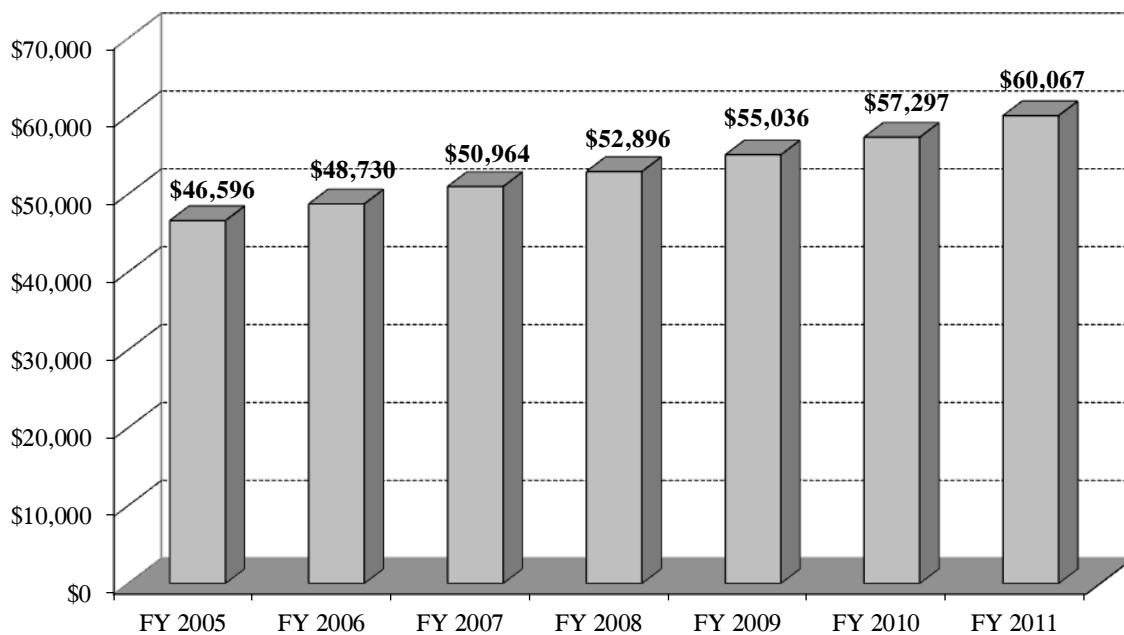
**CHART 51**

**METROPOLITAN WATER PENSION FUND**  
**Average Salary**



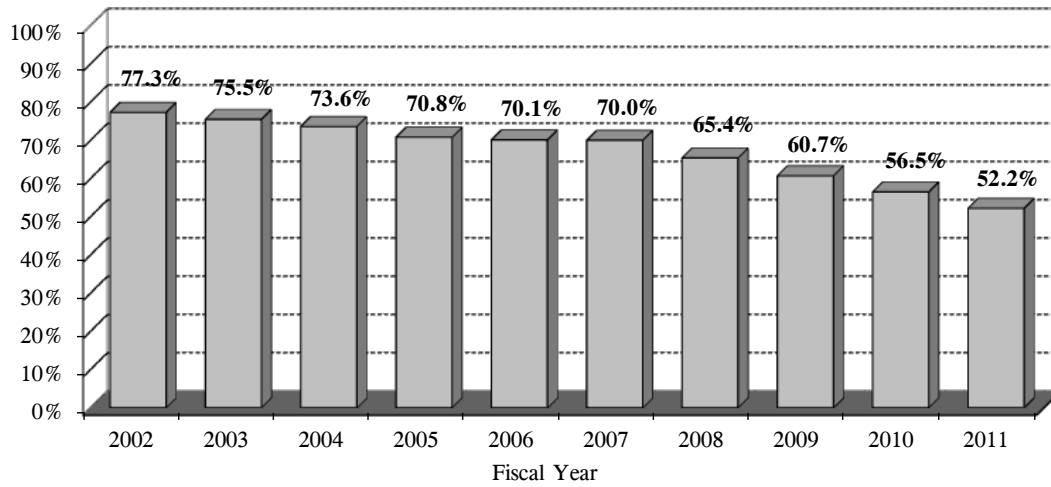
**CHART 52**

**METROPOLITAN WATER PENSION FUND**  
**Average Retirement Annuity**



**CHART 53**

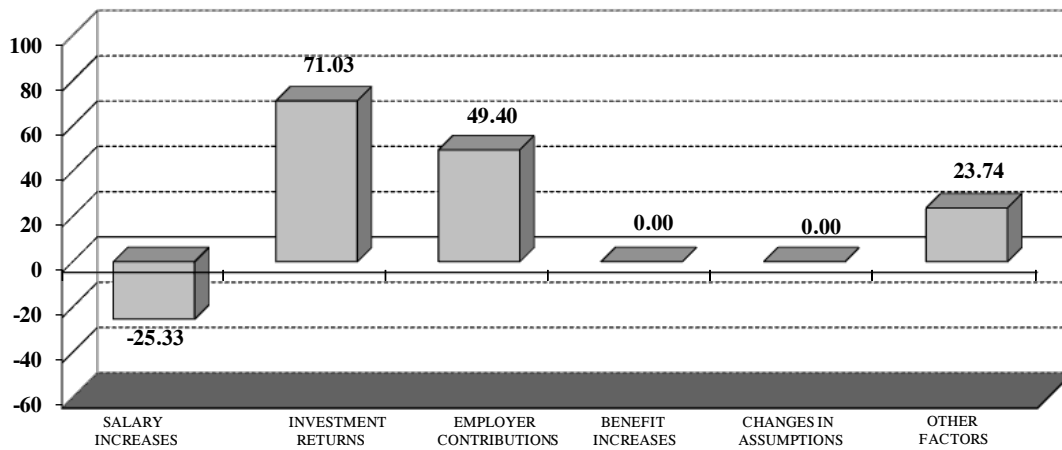
**METROPOLITAN WATER PENSION FUND**  
**Funded Ratio**  
**FY 2002 - FY 2011**



**CHART 54**

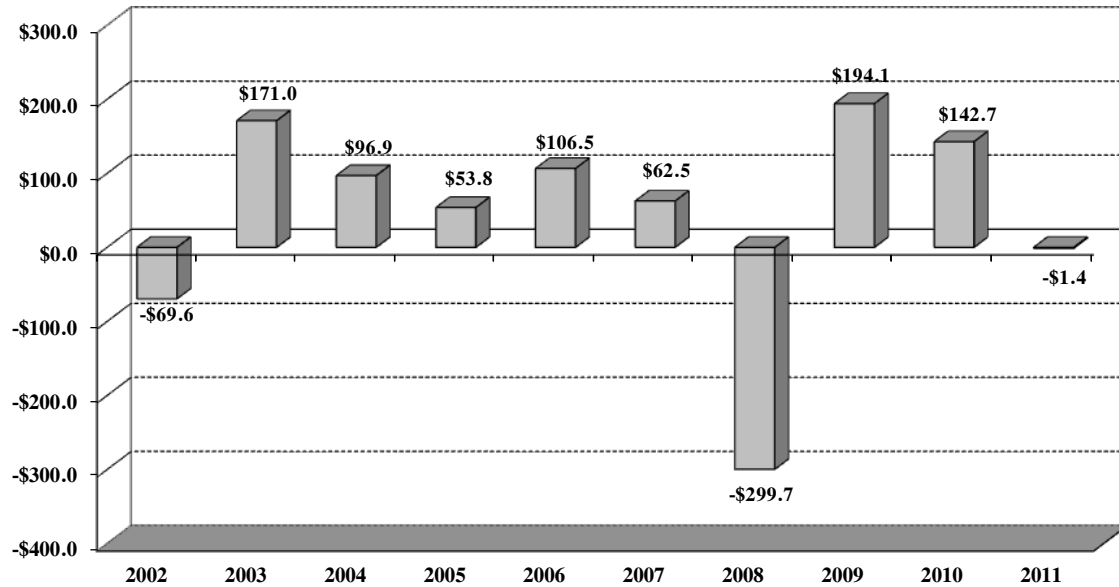
**METROPOLITAN WATER PENSION FUND**  
**Change in Unfunded Liabilities**  
**FY 2011**  
**\$ Millions**

TOTAL INCREASE EQUALS  
\$118.84 MIL



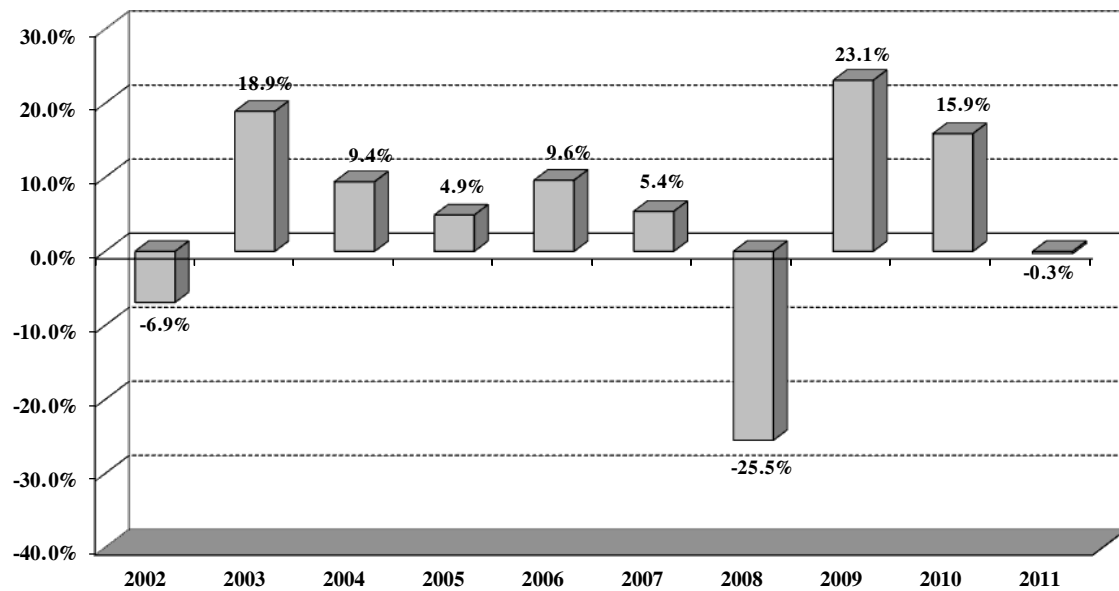
**CHART 55**

**METROPOLITAN WATER PENSION FUND**  
**Investment Income FY 2002 - FY 2011**  
**Actuarially Assumed Rate of Return: 7.75%**  
**(Millions)**



**CHART 56**

**METROPOLITAN WATER PENSION FUND**  
**Rate of Return FY 2002 - FY 2011**  
**Actuarially Assumed Rate of Return: 7.75%**  
**(\$ in millions)**



**TABLE 16**

<b>METROPOLITAN WATER PENSION FUND</b> <b>System Experience, FY 2002 - FY 2011</b> <b>(\$ in millions)</b>					
Fiscal Year	Annual Payroll	Actuarial Liabilities	Actuarial Assets	Unfunded Liabilities	Funded Ratio
2011	164.3	2,101.3	1,097.4	1,003.9	52.2 %
2010	174.5	2,036.7	1,151.6	885.1	56.5 %
2009	176.9	1,939.2	1,177.8	761.4	60.7 %
2008	167.9	1,852.3	1,211.8	640.5	65.4 %
2007	158.8	1,795.2	1,256.9	538.3	70.0 %
2006	152.8	1,724.7	1,209.6	515.1	70.1 %
2005	149.2	1,654.2	1,171.8	482.4	70.8 %
2004	146.4	1,578.4	1,161.8	416.6	73.6 %
2003	142.6	1,517.9	1,146.5	371.4	75.5 %
2002	137.7	1,470.9	1,136.9	334.0	77.3 %

**TABLE 17**

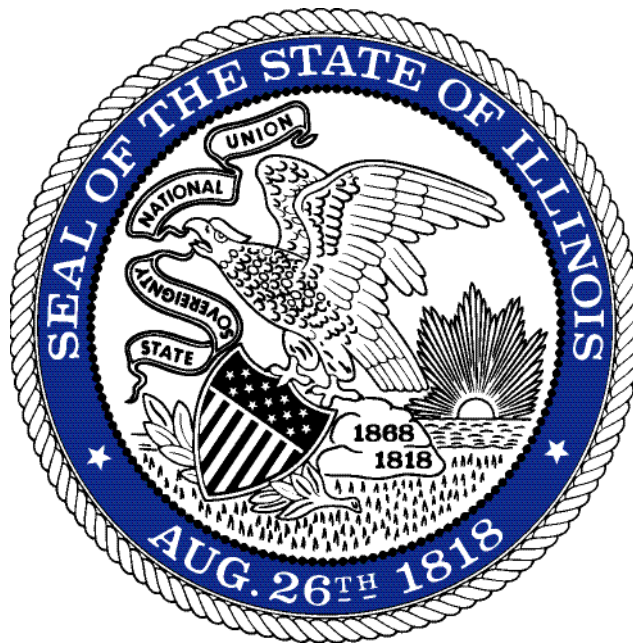
<b>METROPOLITAN WATER PENSION FUND</b> <b>Changes in Net Assets</b> <b>(\$ in millions)</b>								
Fiscal Years	2011	2010	2009	2008	2007	2006	2005	2004
<b>Additions to Assets</b>								
Employer	37.4	29.9	32.1	33.4	28.0	34.5	26.2	31.0
Employees	15.0	15.9	15.7	14.8	15.6	15.0	14.4	15.1
Net Investment Income	-1.4	142.7	194.1	-299.7	62.5	106.5	53.8	96.9
Other	0.0	0.2	0.0	0.6	0.2	0.0	0.0	0.0
Total Asset Additions (A)	51.0	188.7	241.9	-251	106.3	156.0	94.4	143.0
<b>Deductions from Assets</b>								
Benefits	118.1	108.2	103.4	100.1	94.8	89.1	83.3	78.1
Refunds	2.7	1.4	1.2	1.0	1.2	1.4	1.3	1.3
Rebates	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administrative Expenses	1.4	1.3	1.3	1.3	1.5	1.5	1.3	1.2
Other	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
Total Asset Deductions (B)	122.2	110.9	105.9	102.4	97.5	92.0	85.9	80.6
Change in Net Assets (A-B=C)	-71.2	77.8	136.0	-353.3	8.8	64.0	8.5	62.4

**TABLE 18**

<b>Funding Projections for MWRD Pension Fund (P.A. 97-0894)</b> <b>Projections Generated by MWRD Actuary</b> <b>(\$ in millions)</b>								
Fiscal Year	Annual Payroll	Employee Contributions	MWRD Contributions	Employer Contribution as a % of Payroll	Actuarial Liability	Actuarial Assets	Unfunded Liability	Funded Ratio
2011	\$174.5	\$15.7	\$34.4	19.7%	2,109.2	1,118.3	990.9	53.0%
2012	179.0	17.8	66.5	37.2%	2,180.9	1,119.4	1,061.5	51.3%
2013	184.7	20.0	65.8	35.6%	2,252.7	1,195.7	1,057.0	53.1%
2014	191.2	22.2	66.7	34.9%	2,324.6	1,255.3	1,069.2	54.0%
2015	196.9	22.6	67.4	34.2%	2,395.8	1,304.1	1,091.7	54.4%
2016	203.7	23.1	68.7	33.8%	2,466.4	1,352.7	1,113.7	54.8%
2017	210.1	23.6	70.1	33.4%	2,536.0	1,400.8	1,135.2	55.2%
2018	217.1	24.0	71.5	32.9%	2,604.4	1,448.3	1,156.1	55.6%
2019	223.3	24.4	72.8	32.6%	2,670.5	1,494.3	1,176.2	56.0%
2020	231.0	24.8	74.4	32.2%	2,734.8	1,539.4	1,195.3	56.3%
2021	238.6	25.2	76.0	31.9%	2,797.0	1,583.6	1,213.5	56.6%
2022	246.2	25.6	77.7	31.6%	2,856.9	1,626.6	1,230.4	58.9%
2023	254.3	26.0	79.5	31.3%	2,914.4	1,668.5	1,245.9	57.3%
2024	262.1	26.3	81.4	31.1%	2,969.0	1,709.1	1,259.9	57.6%
2025	270.6	26.7	83.5	30.9%	3,020.7	1,748.6	1,272.1	57.9%
2026	279.8	27.0	85.7	30.6%	3,069.6	1,787.3	1,282.4	58.2%
2027	289.1	27.3	88.0	30.4%	3,115.5	1,825.1	1,290.4	58.6%
2028	299.4	27.7	90.5	30.2%	3,158.8	1,862.9	1,295.9	59.0%
2029	309.3	28.0	93.0	30.1%	3,199.0	1,900.2	1,298.7	59.4%
2030	319.4	28.2	95.6	29.9%	3,236.0	1,937.4	1,298.5	59.9%

## **IX. Municipal Employees' Annuity and Benefit Fund of Chicago**

- **Plan Summary**
- **Active Employees**
- **Employee Annuitants**
- **Average Salaries**
- **Average Retirement Annuity**
- **Funded Ratios**
- **Change in Unfunded Liabilities**
- **Investment Income**
- **Investment Rates of Return**
- **Systems Experience**
- **Changes in Net Assets**



**Note: All data shown in this section is based upon the system's Actuarial Valuation and CAFR as of December 31, 2011.**





# Municipal Employees' Annuity and Benefit Fund of Chicago - Plan Summary

## Retirement Age

---

- Age 60 with 10 years of service.
- Age 55 with 20 years of service.
- Age 50 with at least 30 years of service.
- Age 55 with 10 years of service (money purchase).

## Retirement Formula

---

- 2.4% of final average salary for each year of service.

## Maximum Annuity

---

- 80% of final average salary.

## Salary Used to Calculate Pension

---

- Average of 4 highest consecutive years within final 10 years of service.

## Annual COLA

---

- 3% compounded.

## Employee Contributions

---

- 8.5% of salary.

## Required Employer Contributions

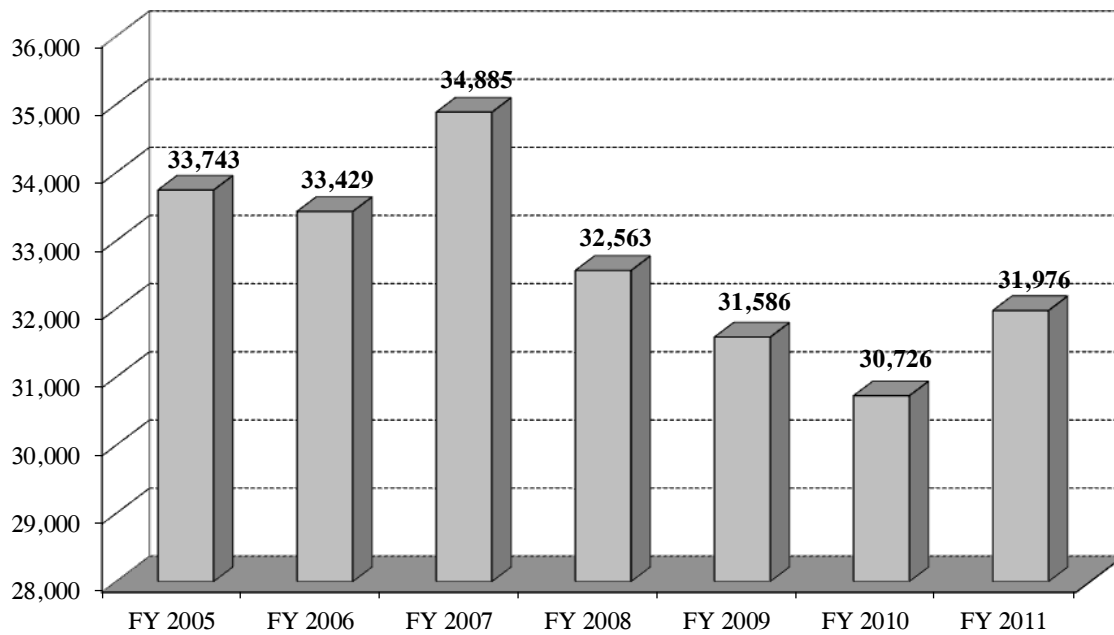
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The City of Chicago is required to contribute an amount equal to the employee contributions to the fund two years prior to the year in which the tax is levied, multiplied by 1.25.

**Note: Benefits shown are for employees hired prior to January 1, 2011, the effective date of P.A. 96-0889. See the P.A. 96-0889 Section on page 3 for a summary of benefits for employees hired after January 1, 2011.**

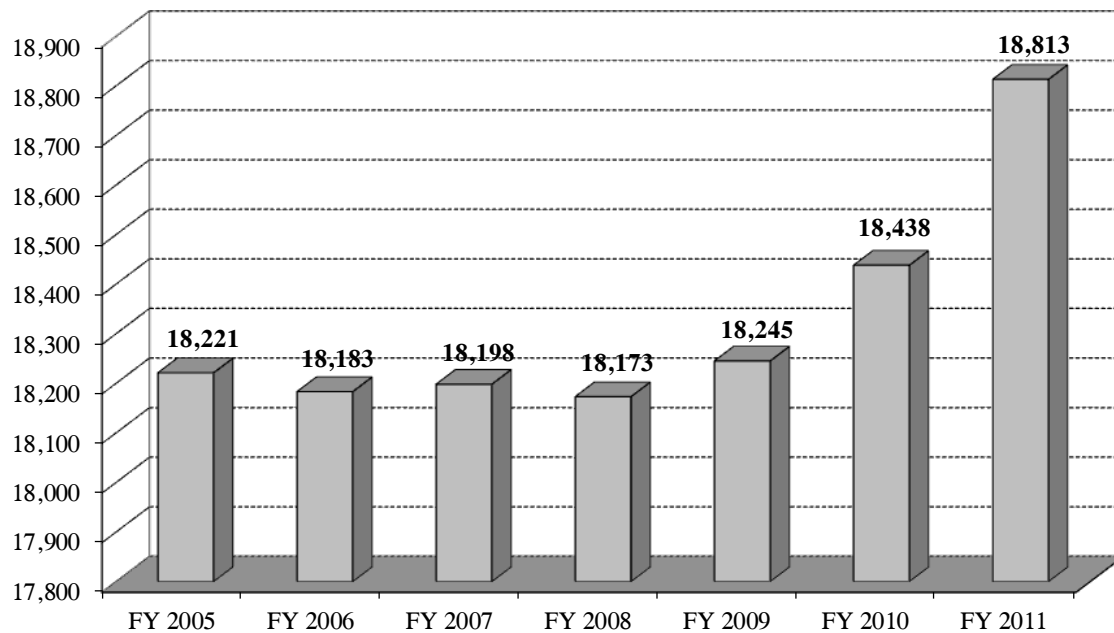
**CHART 57**

**CHICAGO MUNICIPAL EMPLOYEES' PENSION FUND**  
**Active Employees**



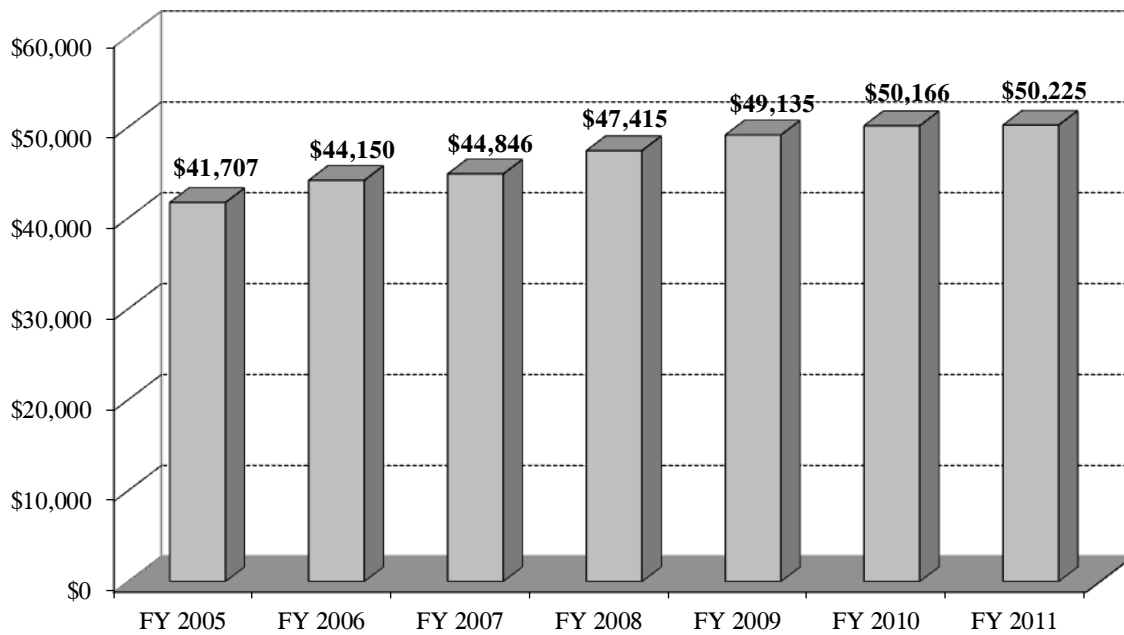
**CHART 58**

**CHICAGO MUNICIPAL EMPLOYEES' PENSION FUND**  
**Employee Annuitants**



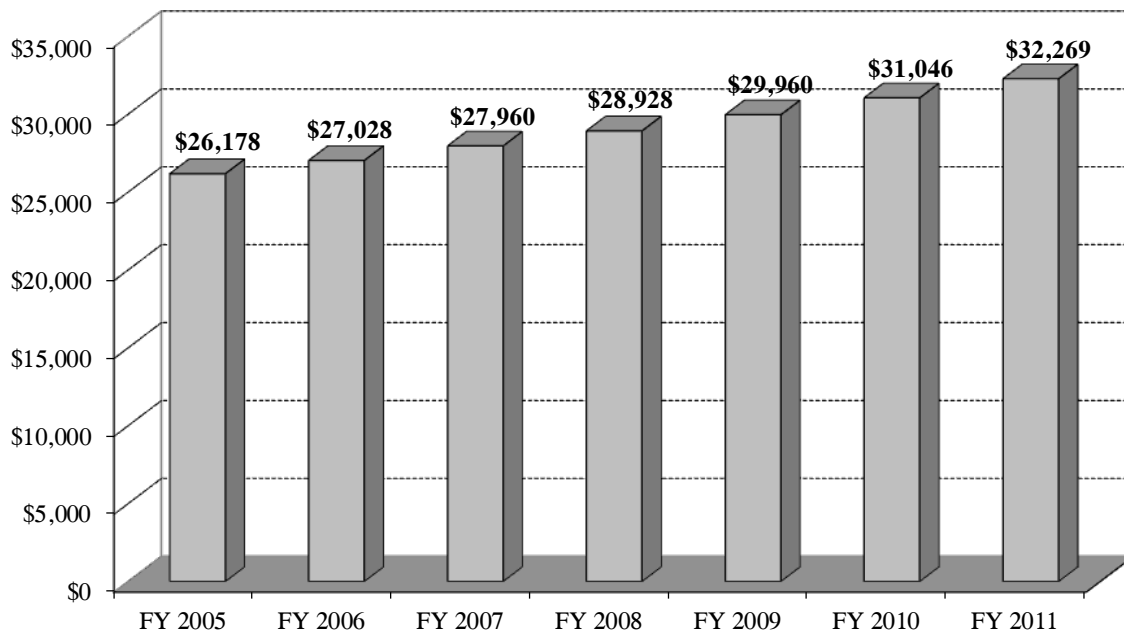
**CHART 59**

**CHICAGO MUNICIPAL EMPLOYEES' PENSION FUND**  
**Average Employee Salaries**



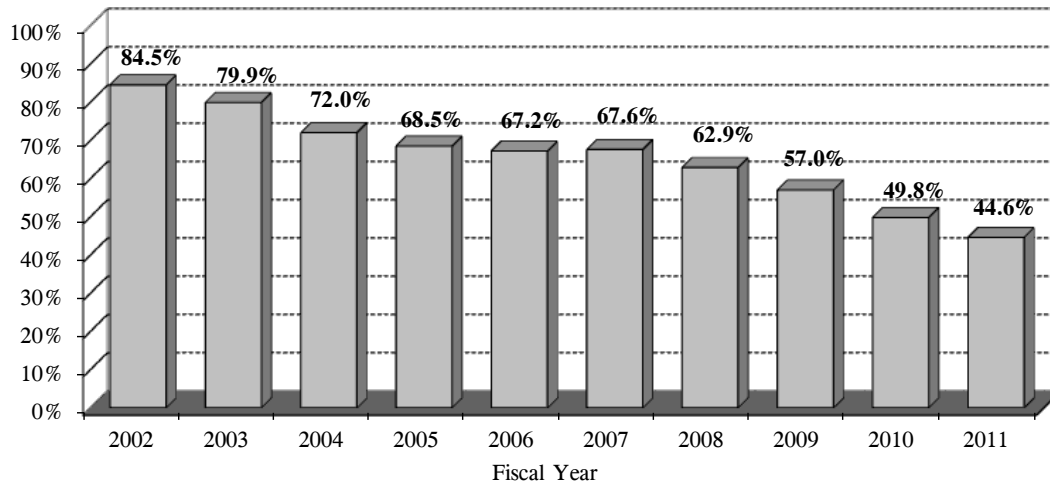
**CHART 60**

**CHICAGO MUNICIPAL EMPLOYEES' PENSION FUND**  
**Average Retirement Annuities**



**CHART 61**

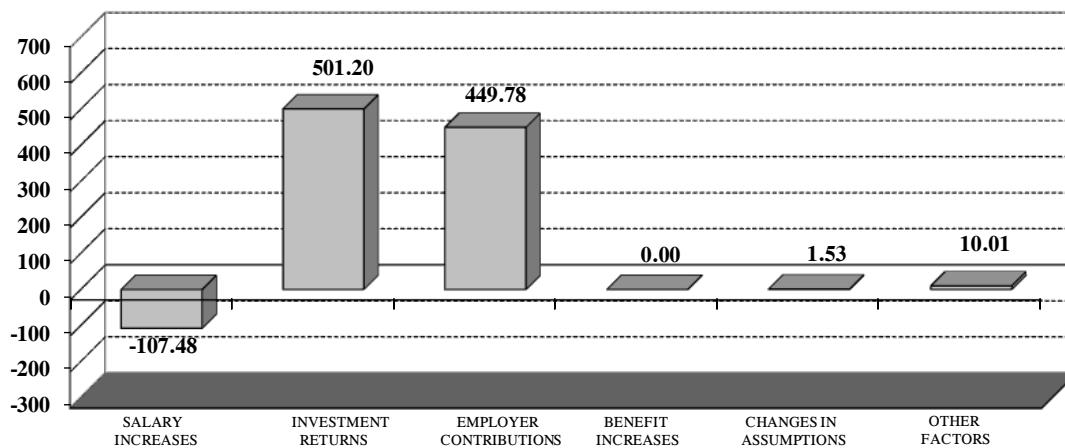
**CHICAGO MUNICIPAL EMPLOYEES' PENSION FUND**  
**Funded Ratio**  
**FY 2002 - FY 2011**



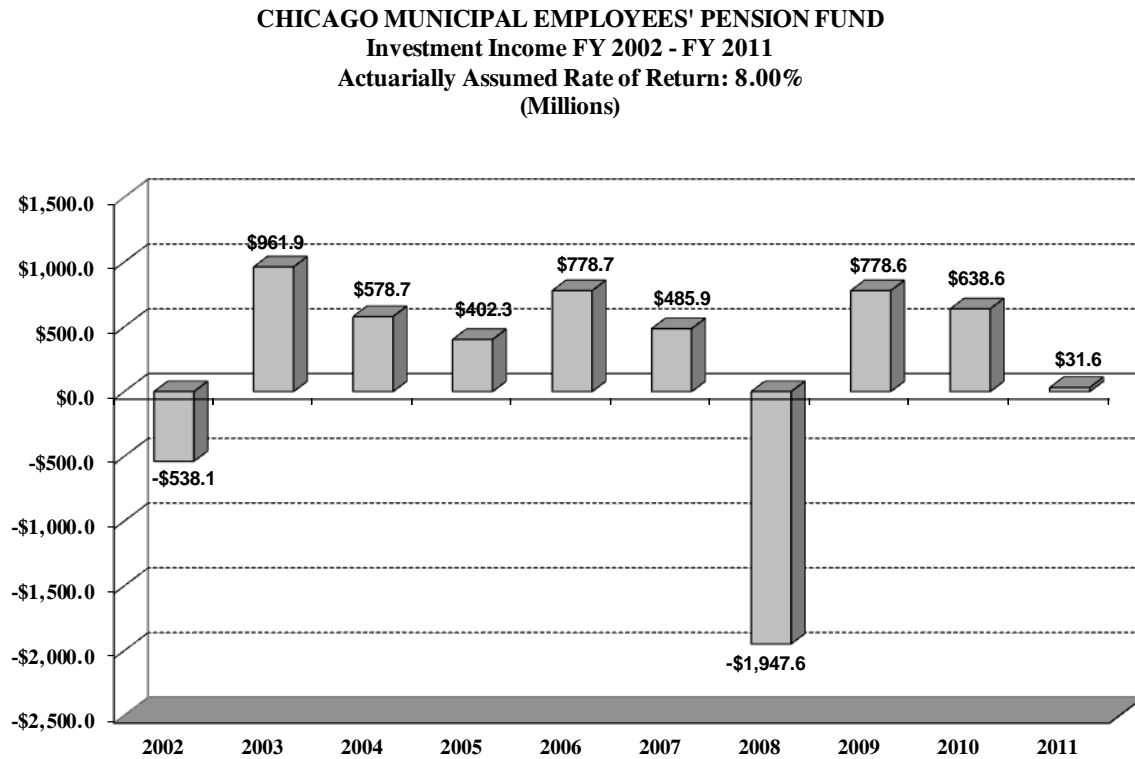
**CHART 62**

**CHICAGO MUNICIPAL EMPLOYEES PENSION FUND**  
**Change in Unfunded Liabilities**  
**FY 2011**  
**\$ Millions**

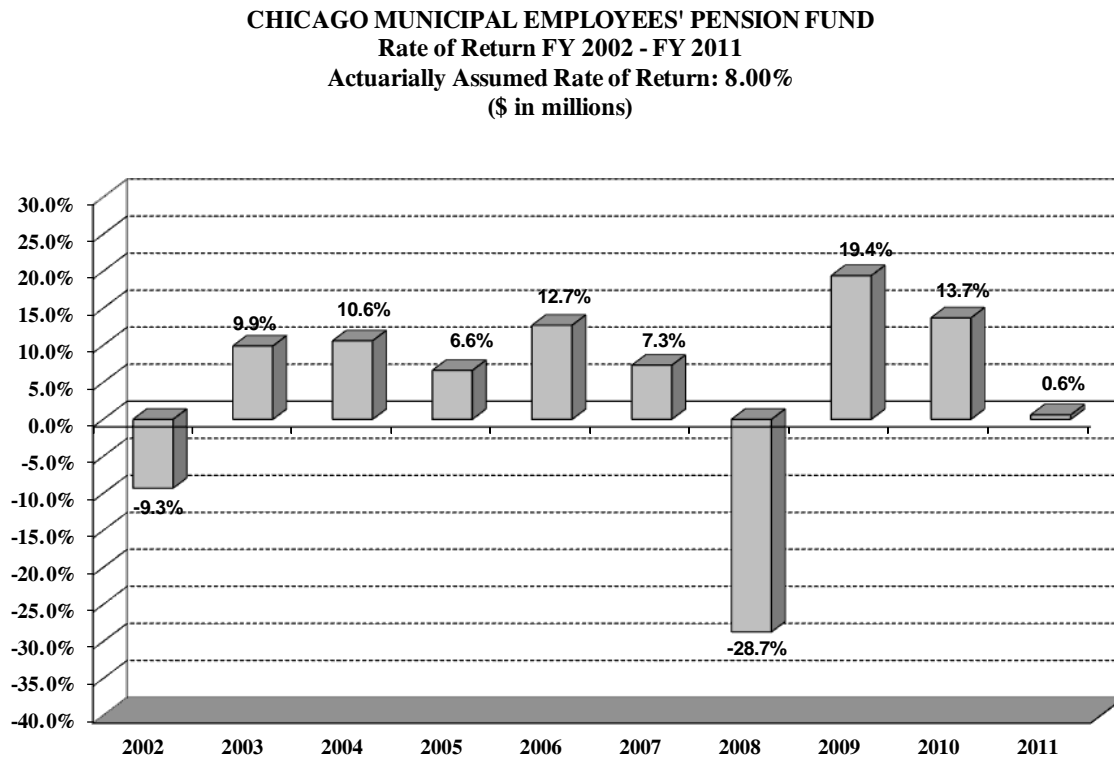
TOTAL INCREASE EQUALS  
\$855.04 MIL



**CHART 63**



**CHART 64**



**TABLE 19**

<b>CHICAGO MUNICIPAL EMPLOYEES PENSION FUND</b> <b>System Experience, FY 2002 - FY 2011</b> <b>(\$ in millions)</b>					
Fiscal Year	Annual Payroll	Actuarial Liabilities	Actuarial Assets	Unfunded Liabilities	Funded Ratio
2011	1,606.0	12,456.2	5,552.3	6,903.9	44.6%
2010	1,541.4	12,052.2	6,003.4	6,048.8	49.8%
2009	1,552.0	11,054.3	6,295.8	4,758.5	57.0%
2008	1,544.0	10,605.8	6,669.5	3,936.3	62.9%
2007	1,564.5	10,186.6	6,890.5	3,296.1	67.6%
2006	1,475.9	9,692.0	6,509.1	3,182.9	67.2%
2005	1,407.3	9,250.2	6,332.4	2,917.8	68.5%
2004	1,303.1	8,808.5	6,343.1	2,465.4	72.0%
2003	1,395.5	7,988.6	6,384.1	1,604.5	79.9%
2002	1,377.0	7,577.1	6,404.0	1,173.1	84.5%

**TABLE 20**

CHICAGO MUNICIPAL EMPLOYEES PENSION FUND										
Changes in Net Assets (\$ in millions)										
Fiscal Years	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002
Additions to Assets										
Employer	156.5	164.3	157.7	155.8	148.1	157.1	155.1	153.9	141.9	131.0
Employees	132.6	133.3	131.0	137.7	132.5	129.5	122.5	155.9	129.6	128.4
Net Investment Income	31.6	638.6	778.6	-1,947.6	485.9	778.7	402.3	578.7	961.9	-538.1
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Asset Additions (A)	320.7	936.2	1,067.3	-1,654.1	766.5	1,065.3	679.9	888.5	1,233.4	-278.7
Deductions from Assets										
Benefits	663.5	630.1	604.8	582.7	562.5	547.4	533.5	498.8	408.6	386.9
Refunds	32.1	29.9	28.1	25.5	28.0	27.2	26.7	64.3	25.5	22.4
Rebates	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administrative Expenses	7.4	6.8	7.8	7.7	7.5	6.4	5.6	5.5	4.7	4.6
Other	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Total Asset Deductions (B)	703.0	666.8	640.7	615.9	598.1	581.0	565.8	568.6	438.8	413.9
Change in Net Assets (A-B=C)	-382.3	269.4	426.6	-2,270.0	168.4	484.3	114.1	319.9	794.6	-692.6





## **X. Park Employees' Annuity and Benefit Fund of Chicago**

- **Plan Summary**
- **Active Employees**
- **Employee Annuitants**
- **Average Salaries**
- **Average Retirement Annuity**
- **Funded Ratios**
- **Change in Unfunded Liabilities**
- **Investment Income**
- **Investment Rates of Return**
- **Systems Experience**
- **Changes in Net Assets**



**Note: All data shown in this section is based upon the system's Actuarial Valuation and CAFR as of December 31, 2011.**



# Park Employees' Annuity and Benefit Fund of Chicago Plan Summary

---

## Retirement Age

---

- Age 50 with 10 years of service.
- Age 60 with 4 years of service.

## Retirement Formula

---

- 2.4% of final average salary.

## Maximum Annuity

---

- 80% of final average salary.

## Salary Used to Calculate Pension

---

- Average of 4 highest consecutive years within final 10 years of service.

## Annual COLA

---

- 3% non-compounded.

## Employee Contributions

---

- 9.0% of salary.

## Employer Contributions

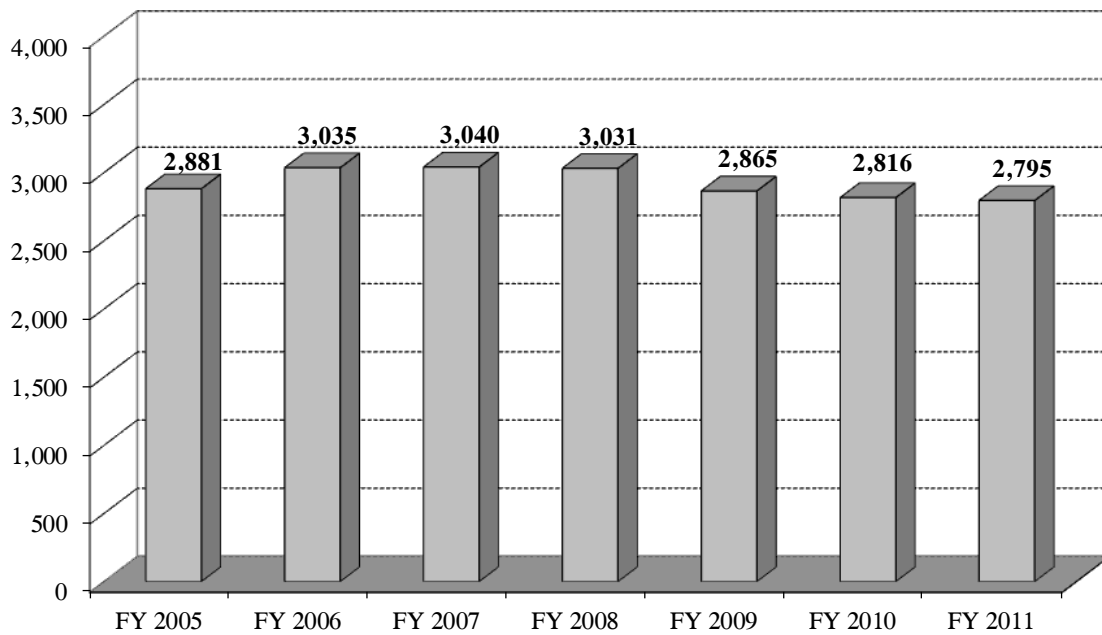
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The Board of Park Commissioners is required to contribute an amount equal to the employee contributions during the fiscal year two years prior to the year the tax is levied, multiplied by 1.10.

**Note: Benefits shown are for employees hired prior to January 1, 2011, the effective date of P.A. 96-0889. See the P.A. 96-0889 Section on page 3 for a summary of benefits for employees hired after January 1, 2011.**

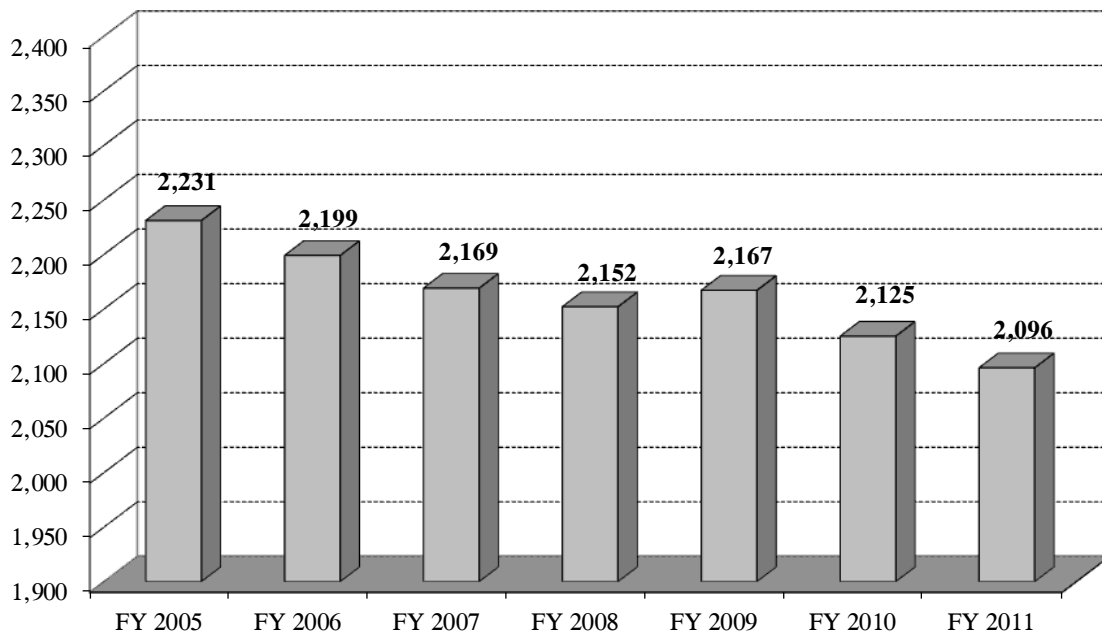
**CHART 65**

**CHICAGO PARK DISTRICT PENSION FUND**  
**Active Employees**



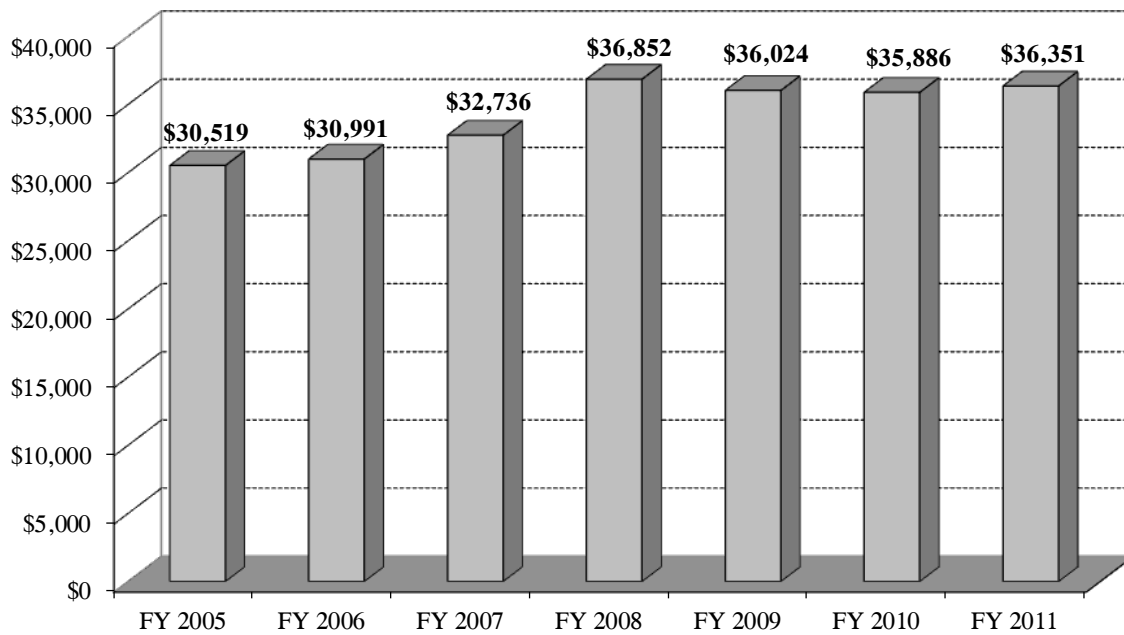
**CHART 66**

**CHICAGO PARK DISTRICT PENSION FUND**  
**Employee Annuitants**



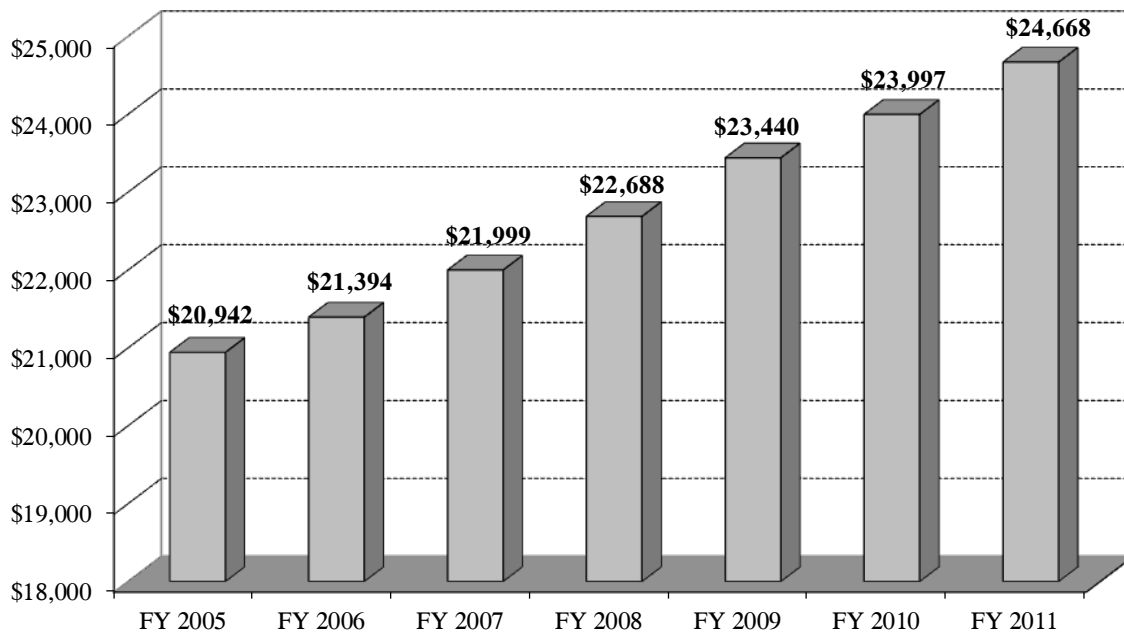
**CHART 67**

**CHICAGO PARK DISTRICT PENSION FUND**  
**Average Employee Salaries**



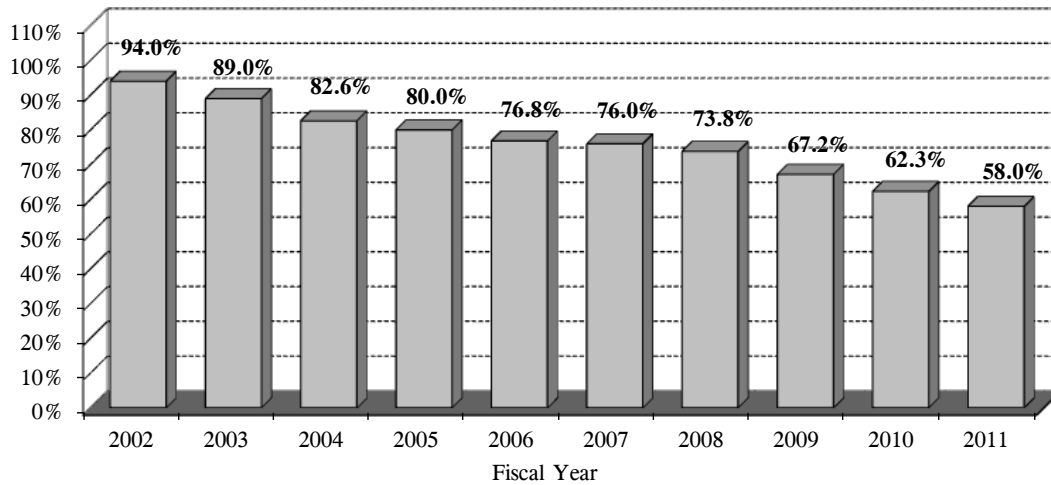
**CHART 68**

**CHICAGO PARK DISTRICT PENSION FUND**  
**Average Retirement Annuities**



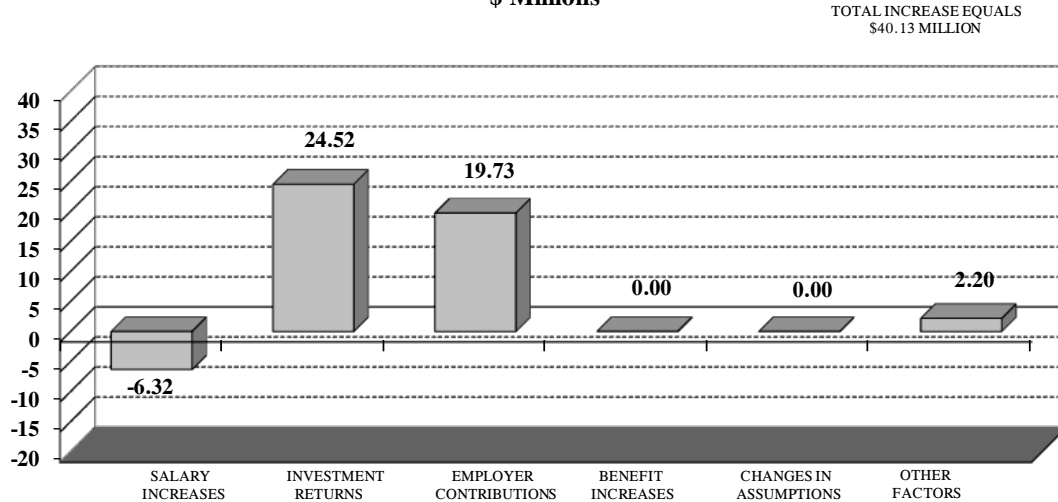
**CHART 69**

**CHICAGO PARK DISTRICT PENSION FUND**  
**Funded Ratio**  
**FY 2002 - FY 2011**



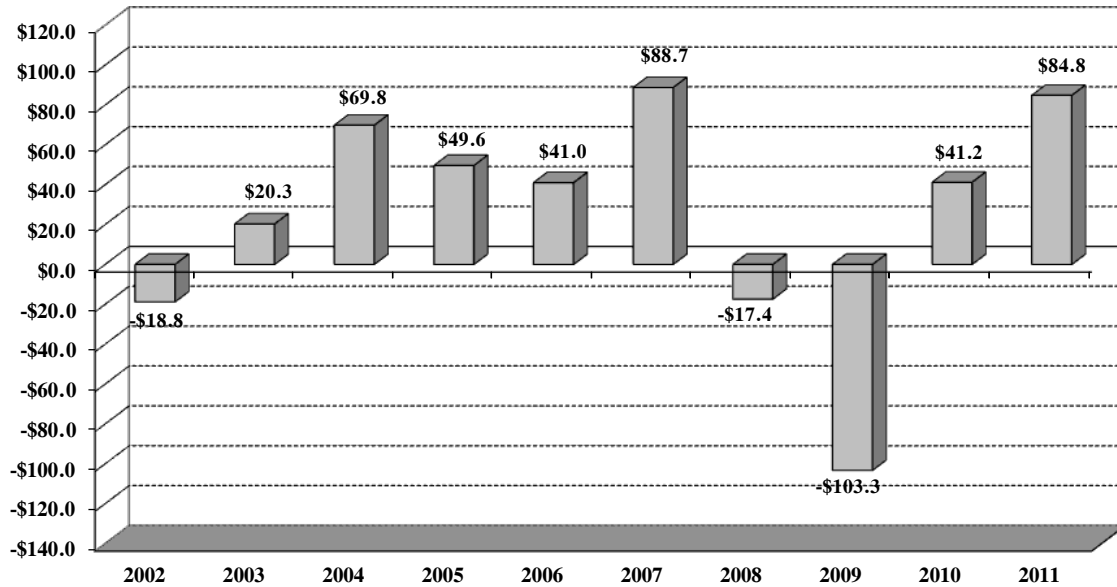
**CHART 70**

**CHICAGO PARK DISTRICT PENSION FUND**  
**Change in Unfunded Liabilities**  
**FY 2011**  
**\$ Millions**



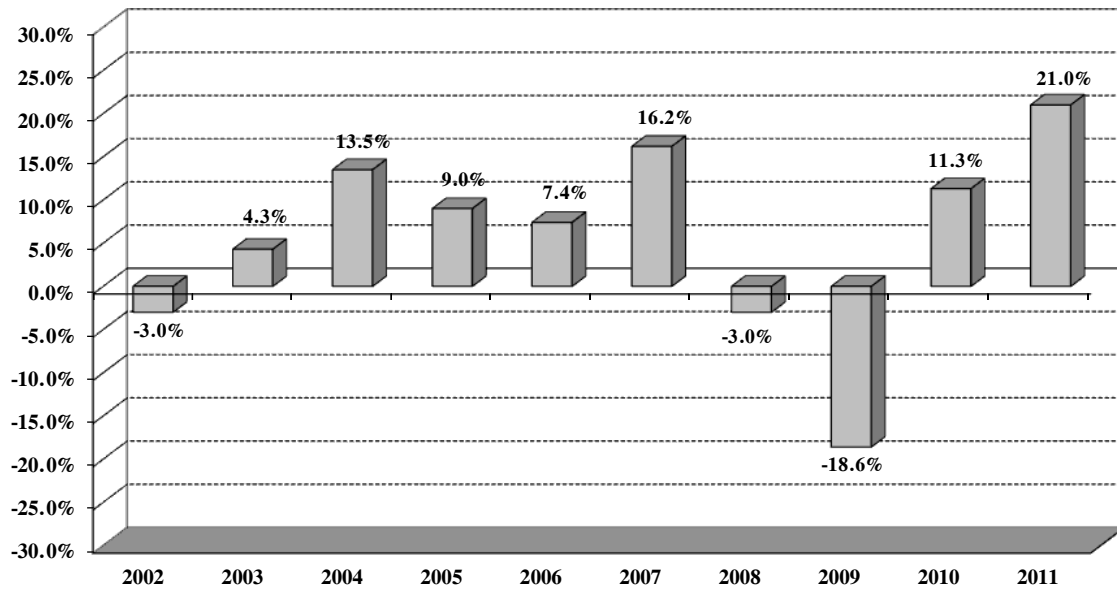
**CHART 71**

**CHICAGO PARK DISTRICT PENSION FUND**  
**Investment Income FY 2002 - FY 2011**  
 Actuarially Assumed Rate of Return: 8.00%  
 (Millions)



**CHART 72**

**CHICAGO PARK DISTRICT PENSION FUND**  
**Rate of Return FY 2002 - FY 2011**  
 Actuarially Assumed Rate of Return: 8.00%  
 (\$ in millions)



**TABLE 21**

<b>CHICAGO PARK DISTRICT PENSION FUND</b> <b>System Experience, FY 2002 - FY 2011</b> <b>(\$ in millions)</b>					
Fiscal Year	Annual Payroll	Actuarial Liabilities	Actuarial Assets	Unfunded Liabilities	Funded Ratio
2011	107.7	843.9	489.4	314.4	58.0%
2010	107.4	833.0	518.6	314.4	62.3%
2009	108.9	823.9	553.8	270.1	67.2%
2008	111.7	795.4	586.7	208.7	73.8%
2007	106.6	767.9	583.3	184.6	76.0%
2006	101.1	745.3	572.7	172.6	76.8%
2005	95.7	734.4	587.8	146.6	80.0%
2004	87.8	738.6	610.3	128.3	82.6%
2003	102.3	701.2	624.2	77.0	89.0%
2002	103.8	678.2	637.7	40.5	94.0%



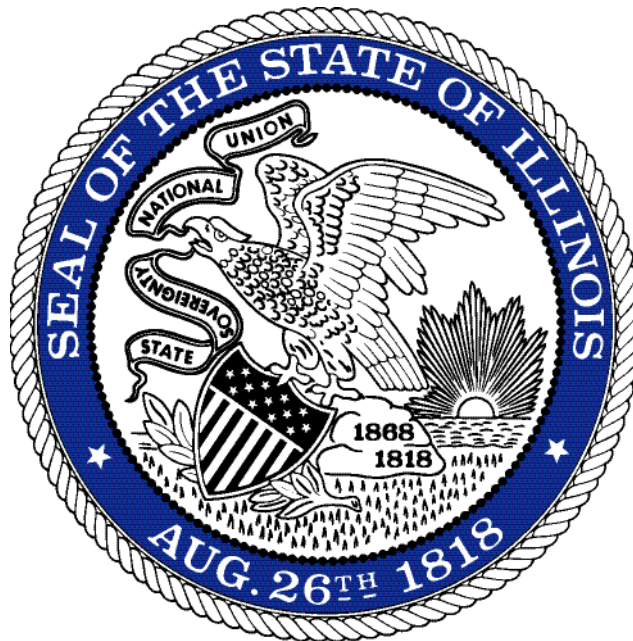
**TABLE 22**

<b>CHICAGO PARK DISTRICT PENSION FUND</b> <b>Changes in Net Assets</b> <b>(\$ in millions)</b>								
Fiscal Years	2011	2010	2009	2008	2007	2006	2005	2004
<b>Additions to Assets</b>								
Employer	11.0	10.8	9.7	9.0	9.6	5.2	4.8	9.8
Employees	9.8	9.8	10.1	10.3	9.7	9.1	8.5	10.6
Net Investment Income	84.8	41.5	-103.5	-17.4	88.7	41.0	49.6	69.8
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Asset Additions (A)	105.6	62.1	-83.7	1.9	108.0	55.3	62.9	90.2
<b>Deductions from Assets</b>								
Benefits	62.0	61.2	60.3	58.0	56.8	56.3	55.9	51.8
Refunds	1.7	1.4	2.7	2.0	1.8	2.1	1.9	2.9
Rebates	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administrative Expenses	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.2
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Asset Deductions (B)	65.2	64.0	64.3	61.2	59.8	59.6	59.0	55.9
Change in Net Assets (A-B=C)	40.4	-1.9	-148.0	-59.4	48.2	-4.3	3.9	34.3



## **XI. Policemen's Annuity and Benefit Fund of Chicago**

- **Plan Summary**
- **Active Employees**
- **Employee Annuitants**
- **Average Salaries**
- **Average Retirement Annuity**
- **Funded Ratios**
- **Change in Unfunded Liabilities**
- **Investment Income**
- **Investment Rates of Return**
- **Systems Experience**
- **Changes in Net Assets**
- **System Projections**



**Note: All data shown in this section is based upon the system's Actuarial Valuation and CAFR as of December 31, 2011.**



# Policemen's Annuity and Benefit Fund of Chicago

## Plan Summary

---

### Retirement Age

---

- Age 50 with 20 years of service.
- Age 50 with 10 years of service (accumulated annuity).
- Mandatory retirement at age 63.

### Retirement Formula

---

- For employees with 20 or more years of service, 50% of final average salary plus 2.5% of final average salary for each year in excess of 20.

### Maximum Annuity

---

- 75% of final average salary.

### Salary Used to Calculate Pension

---

- Average of 4 highest consecutive years within final 10 years of service.

### Annual COLA

---

- 3% non-compounded with no limit if born before 1/1/55.
- 1.5% non-compounded if born after 1/1/55, subject to 30% maximum.

### Employee Contributions

---

- 9.0% of salary.

### Employer Contributions

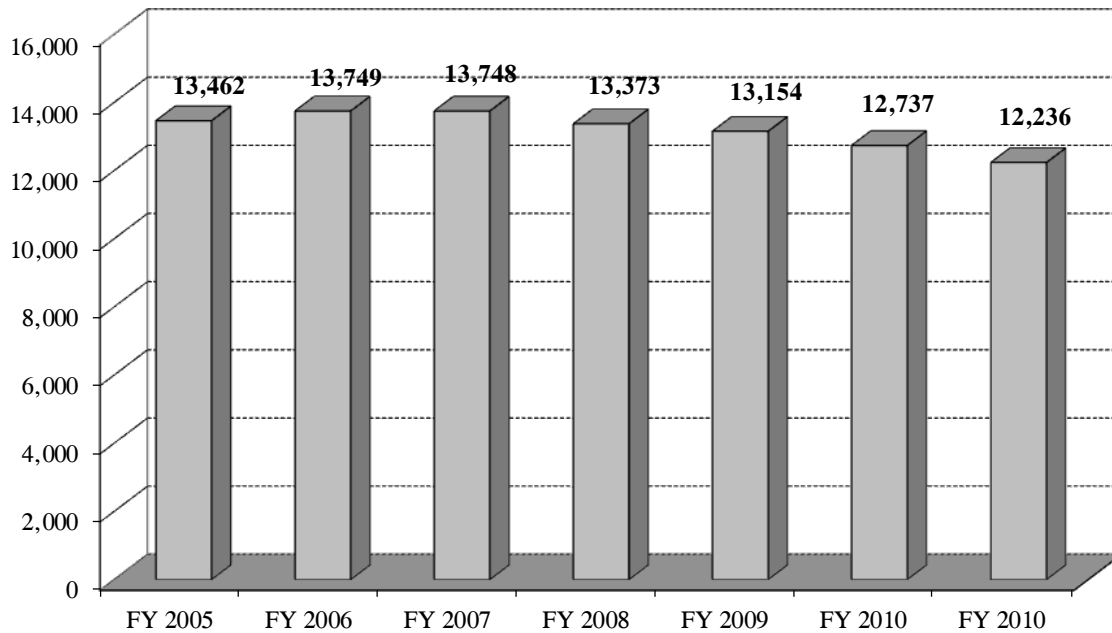
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Pursuant to P.A. 96-1495, annual actuarially determined employer contributions will be calculated and required. Such actuarially determined contributions will be established with a funding goal of 90% by the end of FY 2040, based upon the actuarial value of fund assets and application of required actuarial assumptions and methodologies. Failure of the employer to remit the required contributions can result in withholding of certain grants owed by the State of Illinois.

**Note: Benefits shown are for employees hired prior to January 1, 2011, the effective date of P.A. 96-1495. See the P.A. 96-1495 section on page 5 for a summary of benefits for employees hired after January 1, 2011.**

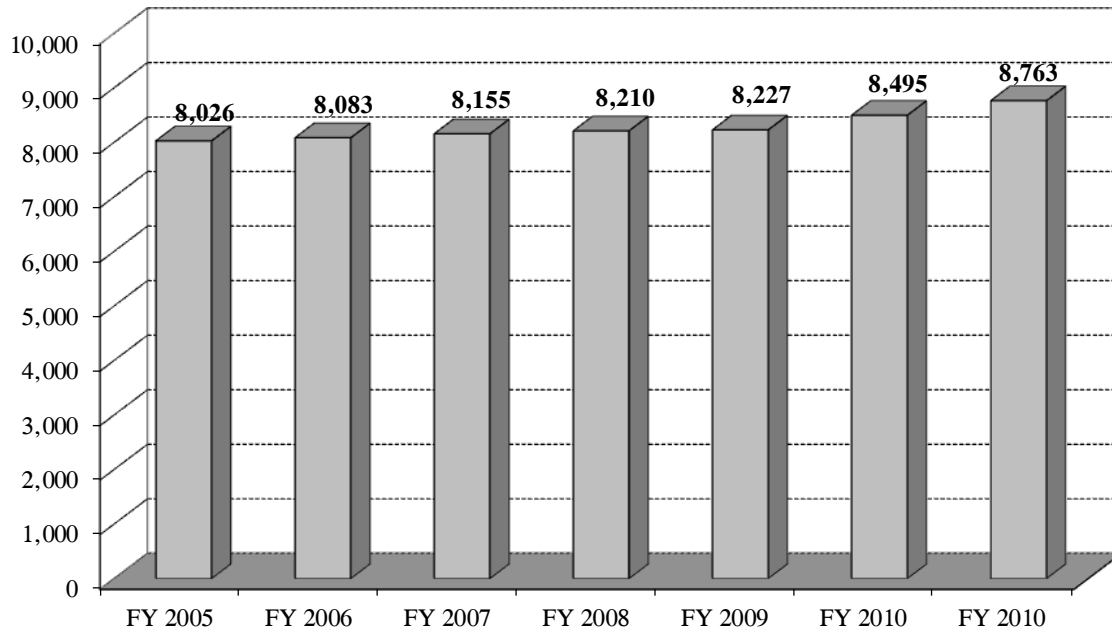
**CHART 73**

**CHICAGO POLICE PENSION FUND  
Active Employees**



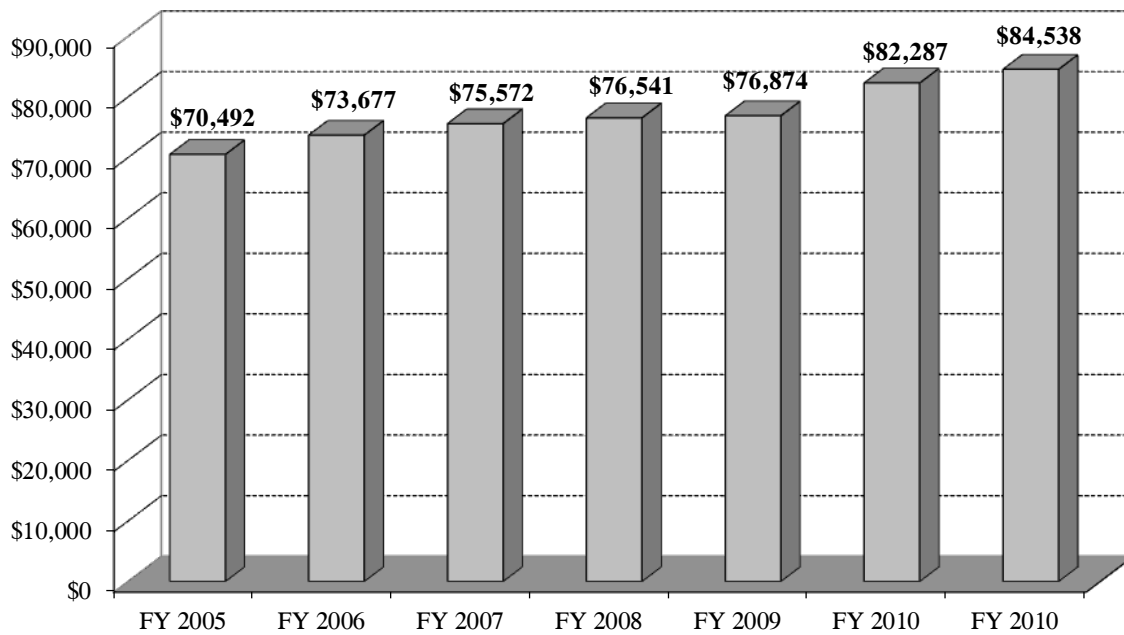
**CHART 74**

**CHICAGO POLICE PENSION FUND  
Employee Annuitants**



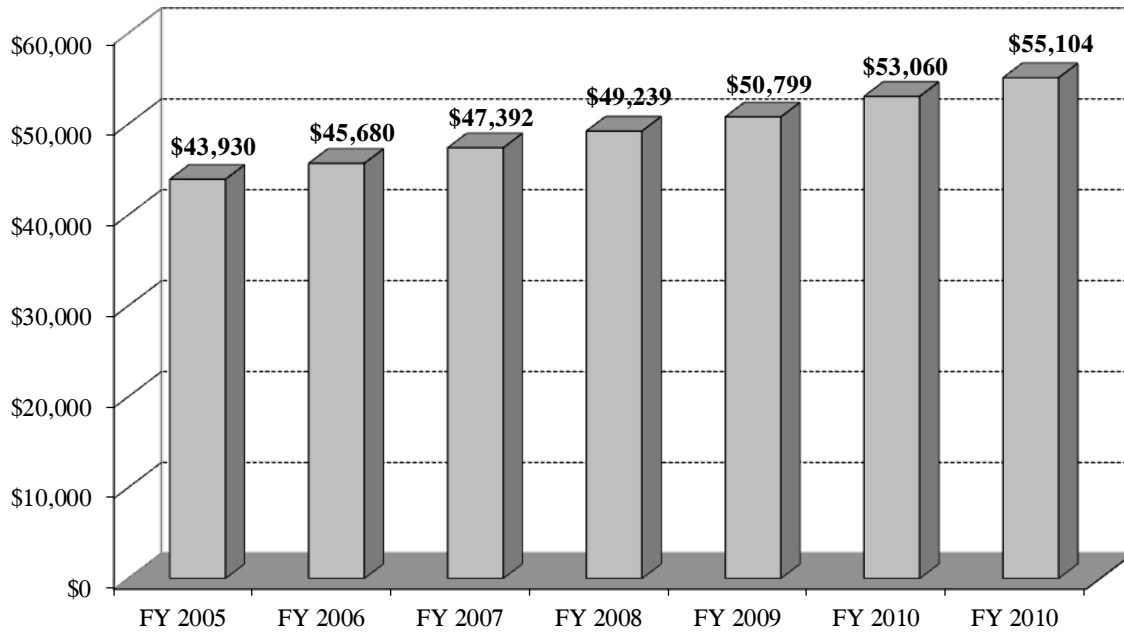
**CHART 75**

**CHICAGO POLICE PENSION FUND**  
**Average Salary**



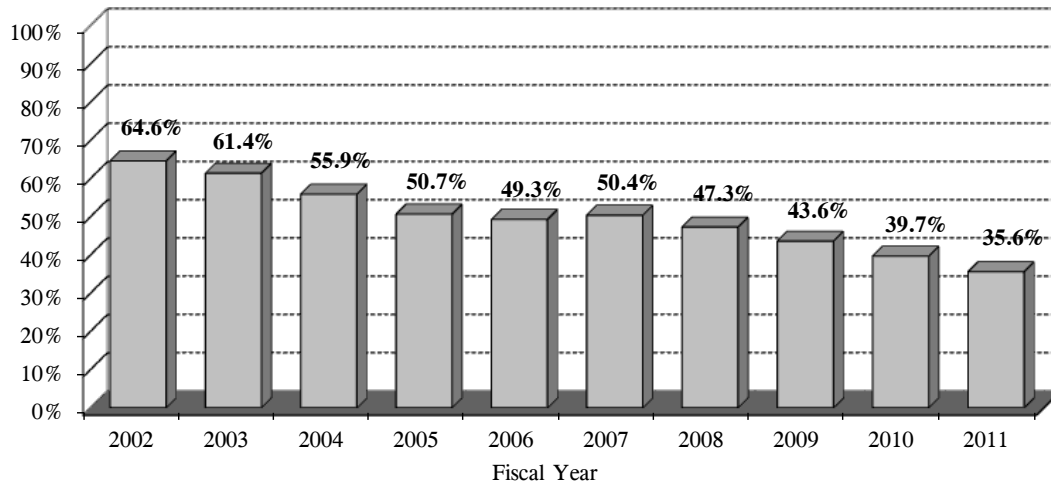
**CHART 76**

**CHICAGO POLICE PENSION FUND**  
**Average Retirement Annuity**



**CHART 77**

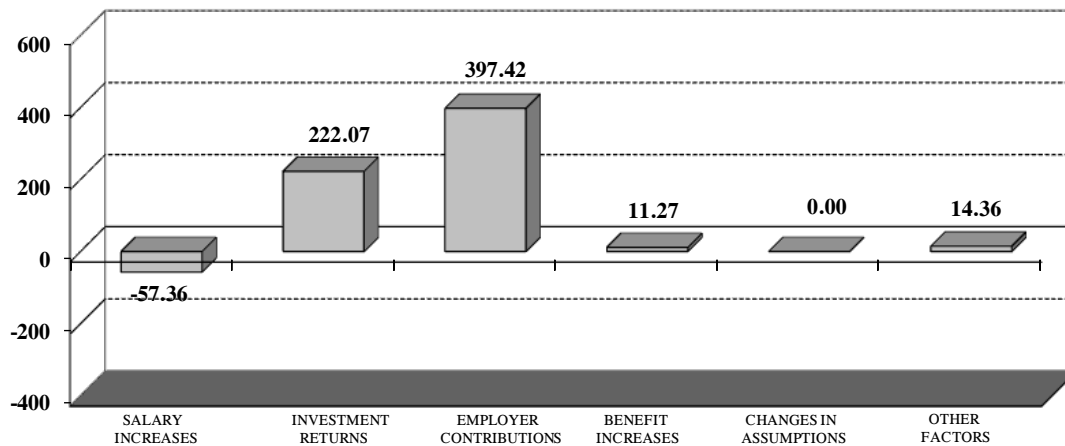
**CHICAGO POLICE PENSION FUND**  
**Funded Ratio**  
**FY 2002 - FY 2011**



**CHART 78**

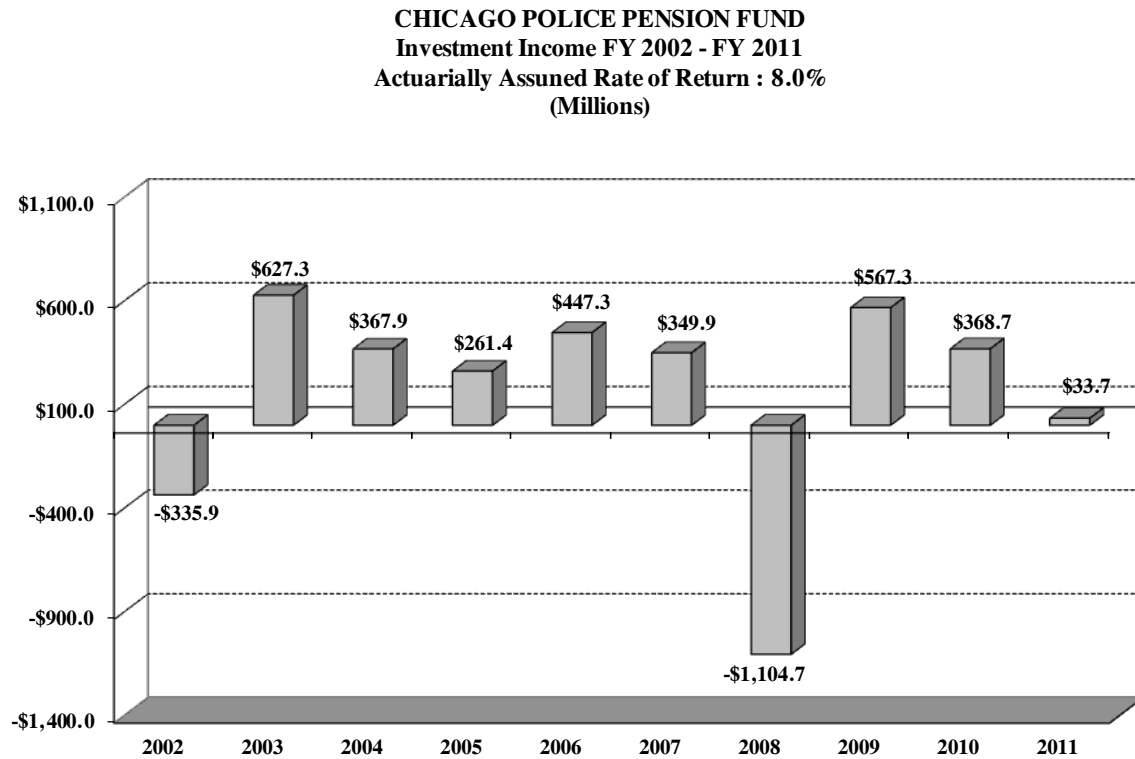
**CHICAGO POLICE PENSION FUND**  
**Change in Unfunded Liabilities**  
**(Actuarial Values)**  
**FY 2011**  
**\$ Millions**

TOTAL INCREASE EQUALS  
\$587.76 MIL

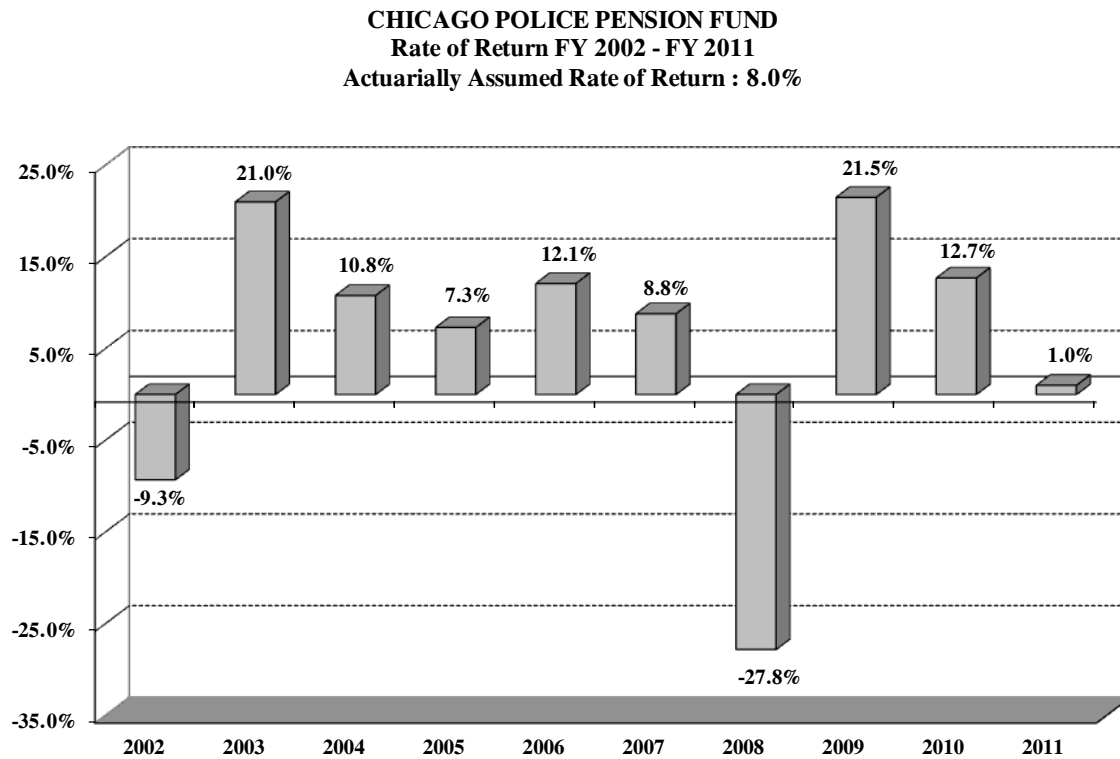




**CHART 79**



**CHART 80**



**TABLE 23**

<b>CHICAGO POLICE PENSION FUND</b> <b>System Experience, FY 2002 - FY 2011</b> <b>(\$ in millions)</b>					
Fiscal Year	Annual Payroll	Actuarial Liabilities	Actuarial Assets	Unfunded Liabilities	Funded Ratio
2011	1,034.4	9,688.4	3,444.7	6,243.7	35.6%
2010	1,048.1	9,374.9	3,719.0	5,655.9	39.7%
2009	1,011.2	8,900.9	3,885.0	5,015.9	43.6%
2008	1,023.6	8,652.6	4,093.7	4,558.9	47.3%
2007	1,039.0	8,399.4	4,231.7	4,167.7	50.4%
2006	1,013.0	7,939.6	3,998.0	3,941.6	50.4%
2005	949.0	7,722.7	3,914.4	3,808.3	50.7%
2004	874.3	7,034.3	3,933.0	3,101.3	55.9%
2003	887.6	6,581.4	4,039.7	2,541.7	61.4%
2002	866.5	6,384.8	4,124.6	2,260.2	64.6%

*NOTE: The above FY 2007 - FY 2011 figures include healthcare assets/liabilities.*

**TABLE 24**

<b>CHICAGO POLICE PENSION FUND</b> <b>Changes in Net Assets</b> <b>(\$ in millions)</b>								
Fiscal Years	2011	2010	2009	2008	2007	2006	2005	2004
<b>Additions to Assets</b>								
Employer	183.5	183.8	180.5	181.5	178.7	158.7	178.3	135.8
Employees	98.2	108.4	95.6	93.2	93.3	92.0	89.1	78.8
Net Investment Income	33.7	368.7	567.3	-1,104.9	349.9	447.3	261.4	367.9
Other	0.1	0.9	0.8	0.2	0.0	0.0	0.0	0.0
Total Asset Additions (A)	315.5	661.8	844.2	-830.0	621.9	698.0	528.8	582.5
<b>Deductions from Assets</b>								
Benefits	568.0	536.3	508.5	491.6	471.5	452.8	431.4	401.5
Refunds	7.3	8.0	6.4	6.4	6.2	5.3	5.6	5.8
Rebates	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administrative Expenses	4.4	3.9	4.3	4.2	3.1	2.7	2.7	2.6
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Asset Deductions (B)	579.7	548.2	519.2	502.2	480.8	460.8	439.7	409.9
Change in Net Assets (A-B=C)	-264.2	113.6	325.0	-1,332.2	141.1	237.2	89.1	172.6

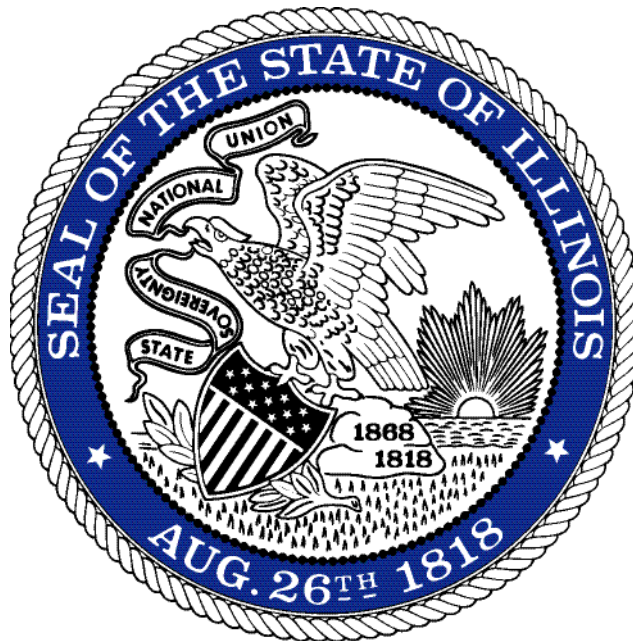
Table 25 below contains funding projections provided to CGFA by the Policemen's Annuity and Benefit Fund of Chicago based upon the December 31, 2011 actuarial valuation.

**TABLE 25**

<b>Policemen's Annuity and Benefit Fund of Chicago</b> <b>Funding Projections Based on December 31, 2011 Actuarial Valuation</b> <b>(\$ in millions)</b>								
Fiscal Year	Annual Capped Payroll	City Contribution Statutory	City Contribution As % of Payroll	Total Employee Contribution	Total Actuarial Liability	Actuarial Value of Assets	Unfunded Actuarial Liability	Funded Ratio
2012	1,067.7	214.1	20.05%	95.3	9,823.0	3,132.4	6,690.6	31.89%
2013	1,098.1	196.4	17.89%	98.4	10,180.5	3,044.0	7,136.5	29.90%
2014	1,135.2	190.6	16.79%	101.2	10,543.5	2,916.4	7,627.1	27.66%
2015	1,177.0	196.7	16.71%	104.6	10,911.7	2,759.0	8,152.7	25.28%
2016	1,220.4	602.1	49.34%	108.4	11,284.4	2,984.1	8,300.3	26.44%
2017	1,267.5	625.3	49.33%	112.4	11,661.4	3,224.2	8,437.2	27.65%
2018	1,315.2	648.9	49.34%	116.7	12,040.9	3,479.4	8,561.5	28.90%
2019	1,364.3	673.2	49.34%	121.1	12,420.9	3,749.9	8,671.0	30.19%
2020	1,416.4	698.8	49.34%	125.6	12,798.9	4,036.5	8,762.4	31.54%
2021	1,470.0	725.3	49.34%	130.4	13,173.5	4,340.5	8,833.0	32.95%
2022	1,525.3	752.6	49.34%	135.3	13,544.2	4,664.2	8,880.0	34.44%
2023	1,581.2	780.2	49.34%	140.4	13,909.9	5,009.1	8,900.8	36.01%
2024	1,637.7	808.0	49.34%	145.5	14,268.9	5,376.4	8,892.5	37.68%
2025	1,695.9	636.8	37.55%	150.7	14,620.0	5,768.0	8,852.0	39.45%
2026	1,754.5	865.7	49.34%	156.0	14,961.9	6,186.1	8,775.8	41.35%
2027	1,813.1	894.6	49.34%	161.4	15,293.2	6,632.1	8,661.1	43.37%
2028	1,872.0	923.6	49.34%	166.8	15,614.5	7,109.8	8,504.7	45.53%
2029	1,930.8	952.6	49.34%	172.2	15,936.5	7,622.9	8,313.6	47.83%
2030	1,990.1	981.9	49.34%	177.6	16,228.3	8,174.4	8,053.9	50.37%
2031	2,050.3	1,011.6	49.34%	183.0	16,519.5	8,768.0	7,751.5	53.08%
2032	2,110.3	1,041.2	49.34%	188.5	16,801.3	9,408.8	7,392.5	56.00%
2033	2,170.0	1,070.7	49.34%	194.1	17,075.4	10,102.4	6,973.0	59.16%
2034	2,230.9	1,100.7	49.34%	199.5	17,344.3	10,855.8	6,488.5	62.59%
2035	2,293.8	1,131.7	49.34%	205.1	17,613.5	11,679.9	5,933.6	66.31%
2036	2,357.3	1,163.1	49.34%	210.9	17,887.8	12,584.3	5,303.5	70.35%
2037	2,421.8	1,194.9	49.34%	216.7	18,171.9	13,579.5	4,592.4	74.73%
2038	2,486.7	1,226.9	49.34%	222.6	18,470.4	14,675.7	3,794.7	79.46%
2039	2,552.4	1,259.3	49.34%	228.6	18,786.0	15,882.3	2,903.7	84.54%
2040	2,619.2	1,292.3	49.34%	234.6	19,121.0	17,208.9	1,912.1	90.00%
2041	2,687.9	233.4	8.68%	240.8	19,477.1	17,529.4	1,947.7	90.00%

## **XII. Public School Teachers' Pension and Retirement Fund of Chicago**

- **Plan Summary**
- **Active Employees**
- **Employee Annuitants**
- **Average Salaries**
- **Average Retirement Annuity**
- **Funded Ratios**
- **Change in Unfunded Liabilities**
- **Investment Income**
- **Investment Rates of Return**
- **Systems Experience**
- **Changes in Net Assets**
- **PA 96-0889 Projections**
- **System Projections**



**Note: All data shown in this section is based upon the system's Actuarial Valuation and CAFR as of June 30, 2011.**



# Public School Teachers' Pension and Retirement Fund of Chicago - Plan Summary

## Retirement Age

---

- Age 62 with 5 years of service.
- Age 55 with 20 years of service.

## Retirement Formula

---

- 2.2% of final average salary for each year of service.

## Maximum Annuity

---

- 75% of final average salary.

## Salary Used to Calculate Pension

---

- Average of 4 highest consecutive years within final 10 years of service.

## Annual COLA

---

- 3% compounded.

## Employee Contributions

---

- 9.0% of salary.

## Employer Contributions

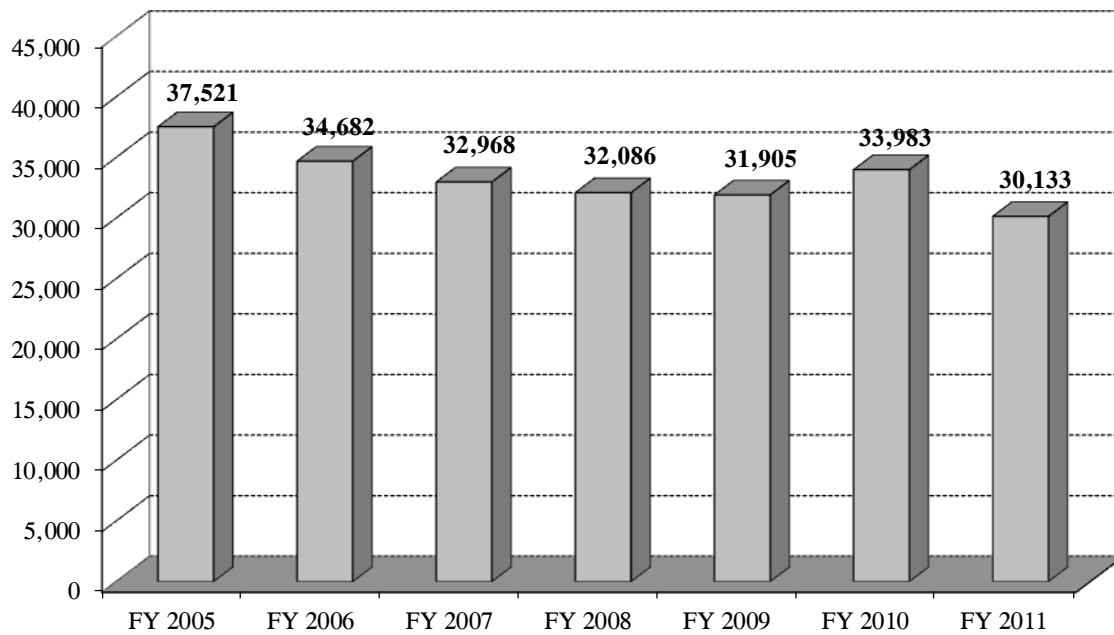
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The employer is required to contribute a fixed dollar amount for FY2011, FY2012 and FY2013. The amount specified for FY2012 is \$192,000,000. For fiscal years 2014 through 2059 the employer is required to make contributions calculated as a level percentage of payroll sufficient to bring the fund's total assets up to 90% of the fund's total liabilities by the end of FY2059.

**Note: Benefits shown are for employees hired prior to January 1, 2011, the effective date of P.A. 96-0889. See the P.A. 96-0889 Section on page 3 for a summary of benefits for employees hired after January 1, 2011.**

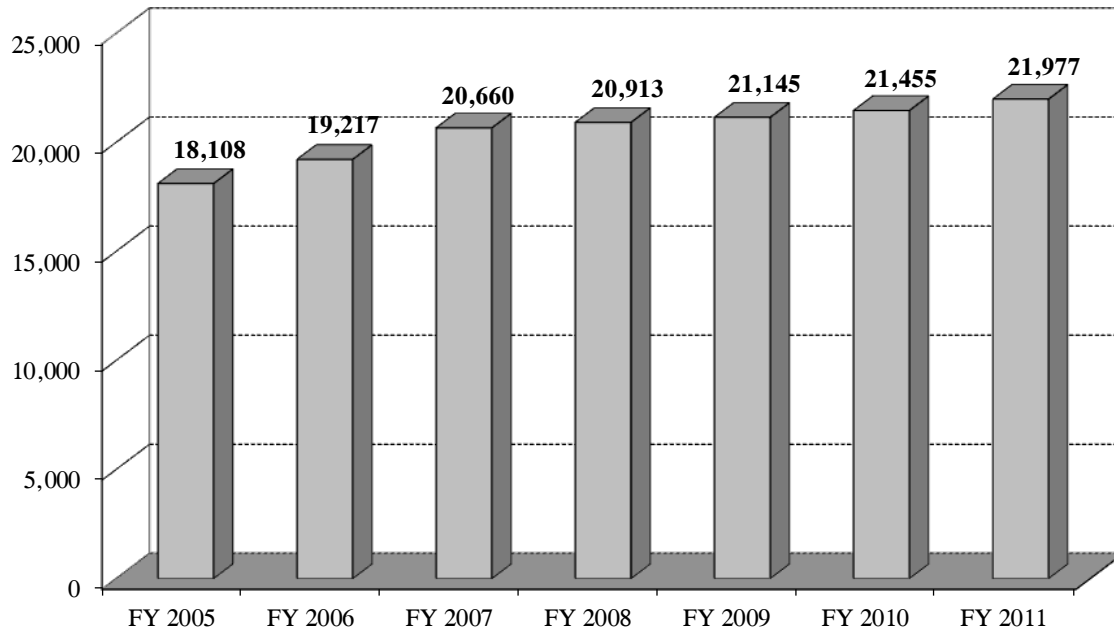
**CHART 81**

**CHICAGO TEACHERS' PENSION FUND**  
**Active Employees**



**CHART 82**

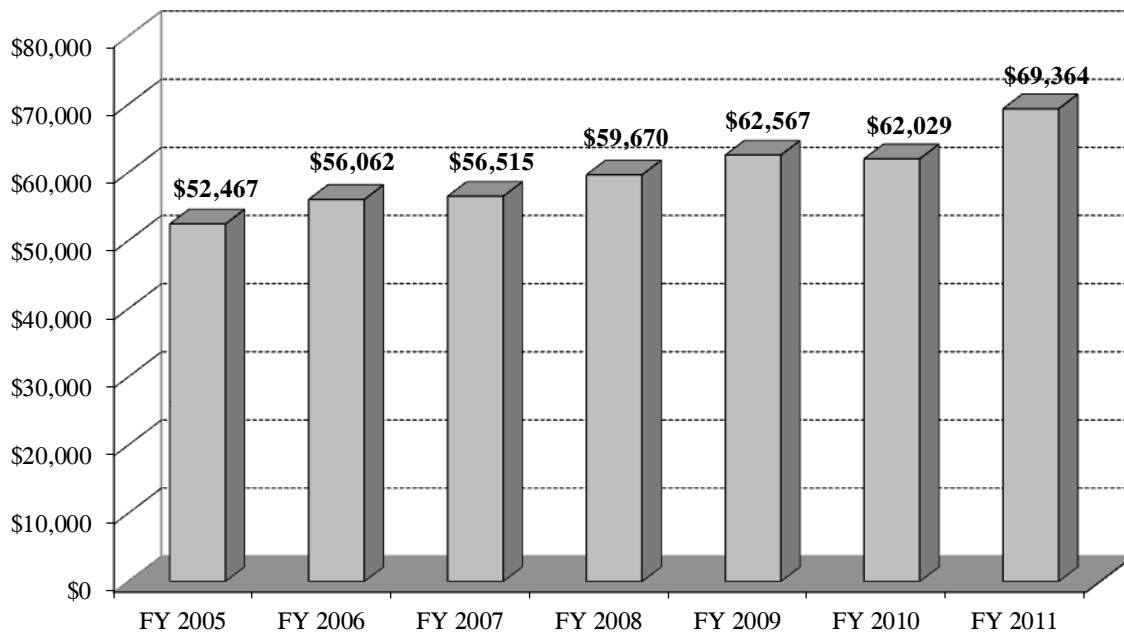
**CHICAGO TEACHERS' PENSION FUND**  
**Employee Annuitants**





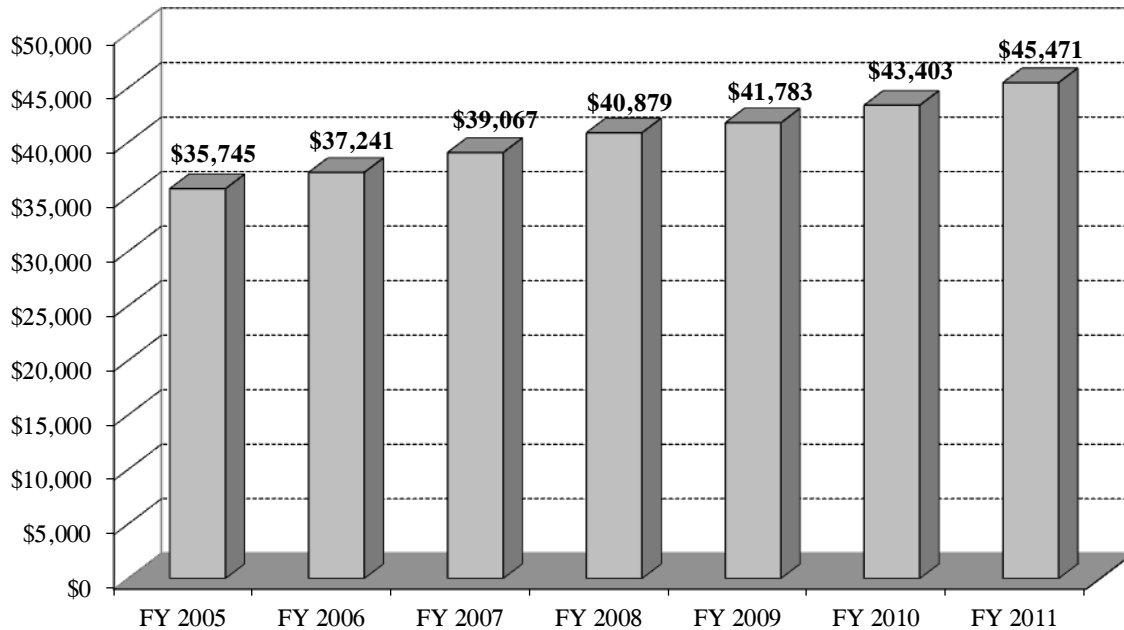
**CHART 83**

**CHICAGO TEACHERS' PENSION FUND**  
**Average Employee Salaries**



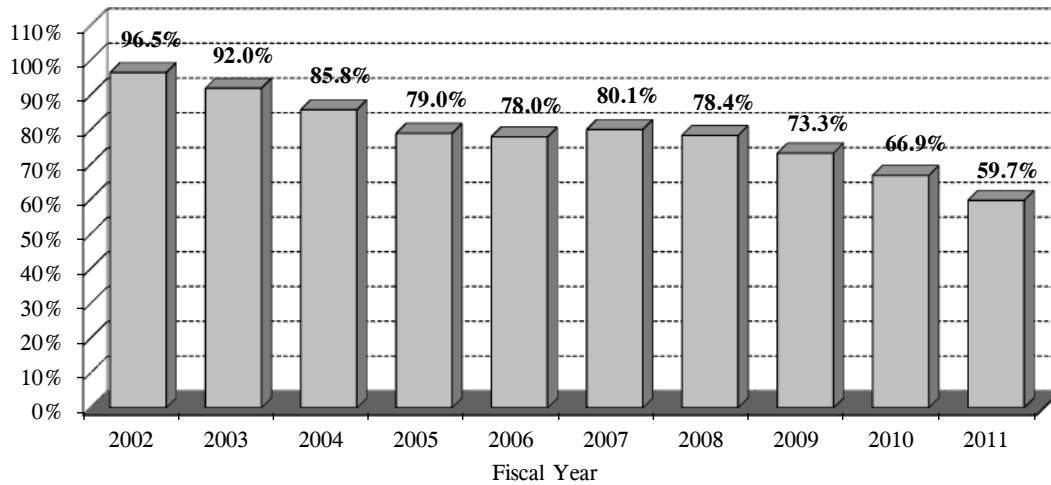
**CHART 84**

**CHICAGO TEACHERS' PENSION FUND**  
**Average Retirement Annuities**



**CHART 85**

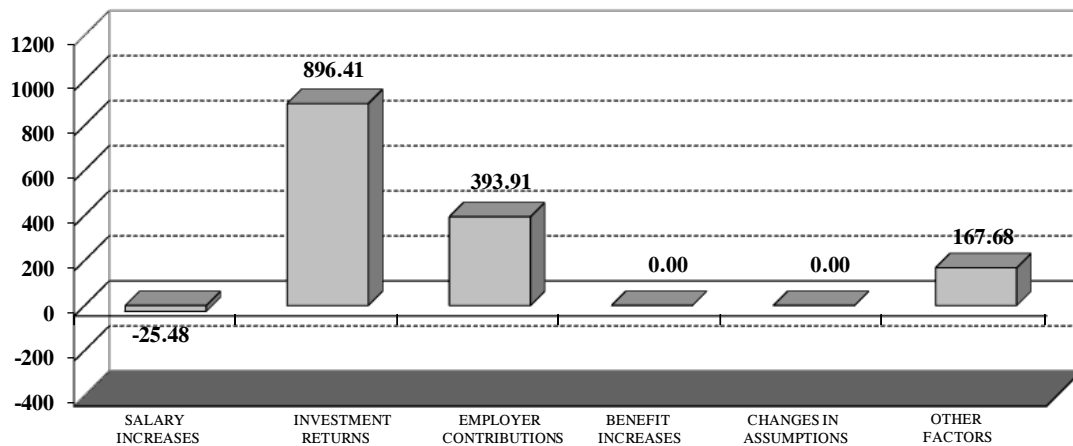
**CHICAGO TEACHERS' PENSION FUND**  
**Funded Ratio**  
**FY 2002 - FY 2011**



**CHART 86**

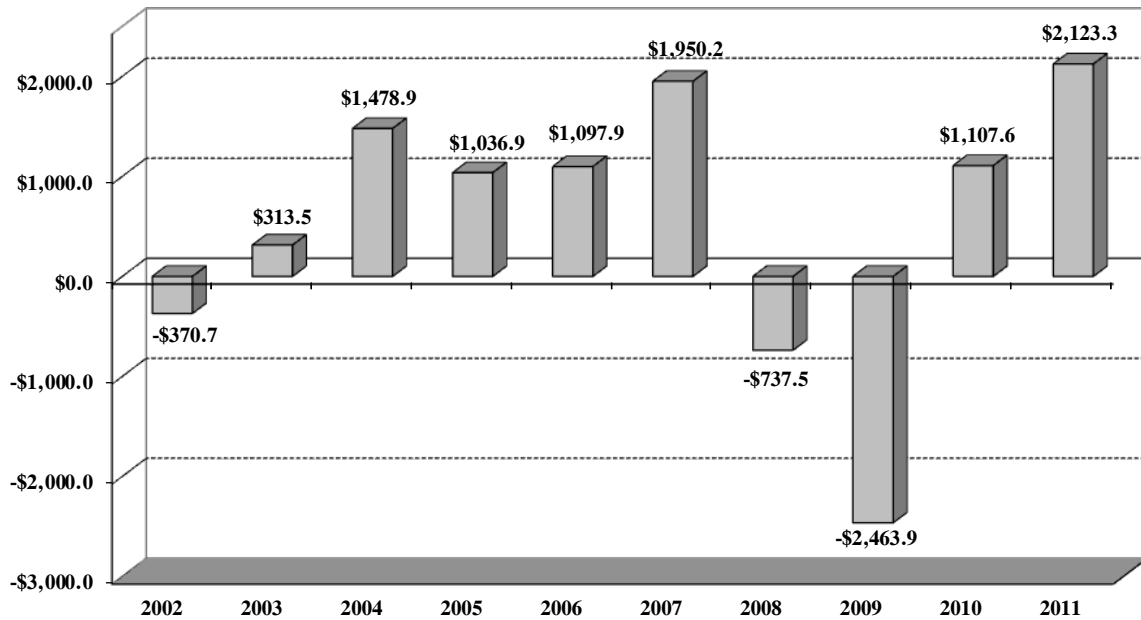
**CHICAGO TEACHERS PENSION FUND**  
**Change in Unfunded Liabilities**  
**FY 2011**  
**\$ Millions**

TOTAL INCREASE EQUALS  
\$ 1432.52 MIL



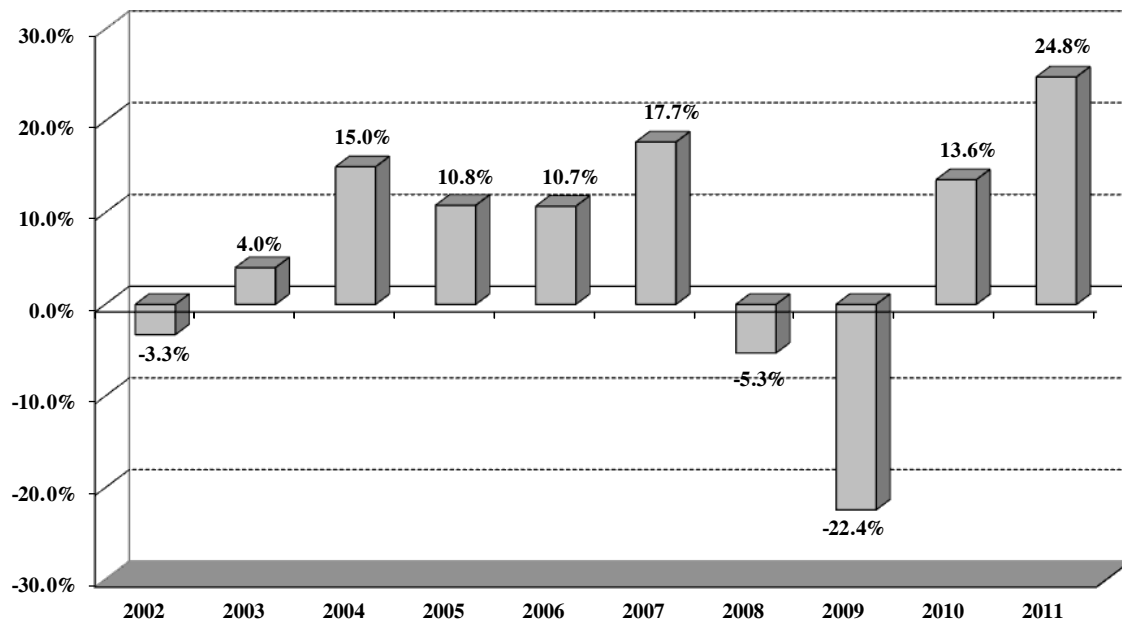
**CHART 87**

**CHICAGO TEACHERS' PENSION FUND**  
**Investment Income FY 2002 - FY 2011**  
**Actuarially Assumed Rate of Return : 8.0%**  
**(Millions)**



**CHART 88**

**CHICAGO TEACHERS' PENSION FUND**  
**Rate of Return FY 2002 - FY 2011**  
**Actuarially Assumed Rate of Return : 8.0%**



**TABLE 26**

<b>CHICAGO TEACHERS PENSION FUND</b> <b>System Experience, FY 2002 - FY 2011</b> <b>(\$ in millions)</b>					
Fiscal Year	Annual Payroll	Actuarial Liabilities	Actuarial Assets	Unfunded Liabilities	Funded Ratio
2011	2,090.1	16,940.6	10,109.3	6,831.3	59.7%
2010	2,107.9	16,319.7	10,917.4	5,402.3	66.9%
2009	1,996.2	15,683.2	11,493.3	4,189.9	73.3%
2008	1,914.6	15,203.7	12,069.4	3,134.3	79.4%
2007	1,863.2	14,677.2	11,759.7	2,917.5	80.1%
2006	1,944.4	14,035.6	10,948.0	3,087.6	78.0%
2005	1,968.6	13,295.9	10,506.5	2,789.4	79.0%
2004	1,767.6	12,105.7	10,392.2	1,713.5	85.8%
2003	1,706.2	11,411.5	10,494.8	916.7	92.0%
2002	1,759.0	11,025.5	10,640.9	384.6	96.5%

*NOTE: The above figures include only pension assets/liabilities.*

**TABLE 27**

<b>CHICAGO TEACHERS PENSION FUND</b> <b>Changes in Net Assets</b> <b>(\$ in millions)</b>								
Fiscal Years	2011	2010	2009	2008	2007	2006	2005	2004
<b>Additions to Assets</b>								
Employer	208.6	355.8	263.0	229.3	168.8	117.8	73.9	78.1
Employees	185.9	194.6	176.2	172.4	179.0	163.5	175.7	169.6
Net Investment Income	2,123.3	1,107.6	-2,463.9	-737.5	1,950.2	1,097.9	1,036.9	1,478.9
Other	10.4	0.0	15.0	0.0	0.0	0.1	0.6	0.1
Total Asset Additions (A)	2,528.2	1,658.0	-2,009.7	-335.8	2,298.0	1,379.3	1,287.1	1,726.7
<b>Deductions from Assets</b>								
Benefits	1,050.9	991.4	944.5	907.6	800.7	721.1	654.3	589.1
Refunds	27.1	21.1	19.0	16.7	36.4	30.7	24.9	23.3
Rebates	0.0	0.0	75.8	68.7	61.0	58.3	54.3	53.2
Administrative Expenses	9.5	8.8	8.8	7.8	8.4	8.3	7.5	7.2
Other	78.9	80.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Asset Deductions (B)	1,166.4	1,101.3	1,048.1	1,000.8	906.5	818.4	741.0	672.8
Change in Net Assets (A-B=C)	1,361.8	556.7	-3,057.8	-1,336.6	1,391.5	560.9	546.1	1,053.9

## **Funding Projections for the Public School Teachers' Pension & Retirement Fund of Chicago Based on P.A. 96-0889 (SB 1946)**

The following projections are based on Public Act 96-0889 (SB 1946), which made the following changes for new employees hired after January 1, 2011:

- 8-Year Final Average Salary
- Unreduced Pension at Age 67 with 10 Years of Service
- Reduced Pension at Age 62 with 10 Years of Service
- Maximum Salary for Pension Purposes Limited to \$106,800, Increased by the Lesser of ½ of Inflation Rate or 3% of CPI
- Contributions After FY 2013 are Level Percent of Payroll Necessary to Reach 90% Funded Ratio in 2059

The results of this cost analysis can be seen on in the table shown on the following page:

**TABLE 28**

<b>Chicago Teachers' Pension Fund</b> <b>Funding Projections Based on June 30, 2011 Actuarial Valuation</b> <b>(\$ in millions)</b>								
Fiscal Year	Annual Capped Payroll	Required Employer Contribution	Employer Contribution As % of Payroll	Total Employee Contribution	Total Actuarial Liability	Actuarial Value of Assets	Unfunded Actuarial Liability	Funded Ratio
2012	2,090.1	214.7	10.3%	175.8	17,417.0	9,605.6	7,811.4	55.15%
2013	2,150.0	218.6	10.2%	180.8	17,905.4	9,854.1	8,051.3	55.03%
2014	2,216.9	557.5	25.1%	186.5	18,406.7	10,393.1	8,013.6	56.46%
2015	2,286.9	575.1	25.1%	192.4	18,921.9	10,643.6	8,278.3	56.25%
2016	2,359.1	593.3	25.1%	198.4	19,452.1	10,902.6	8,549.5	56.05%
2017	2,433.0	611.9	25.2%	204.6	19,996.8	11,169.4	8,827.4	55.86%
2018	2,508.4	630.8	25.1%	211.0	20,556.7	11,444.7	9,112.0	55.67%
2019	2,586.6	650.5	25.1%	217.5	21,133.8	11,730.5	9,403.3	55.51%
2020	2,668.4	671.1	25.1%	224.3	21,730.3	12,029.2	9,701.1	55.36%
2021	2,753.5	692.5	25.1%	231.4	22,349.4	12,344.1	10,005.3	55.23%
2022	2,840.2	714.3	25.1%	238.6	22,991.8	12,675.9	10,315.9	55.13%
2023	2,930.0	736.9	25.2%	245.9	23,658.8	13,026.5	10,632.3	55.06%
2024	3,022.6	760.2	25.2%	253.4	24,351.4	13,397.7	10,953.7	55.02%
2025	3,115.9	783.6	25.1%	260.9	25,069.6	13,789.6	11,280.0	55.01%
2026	3,210.7	807.5	25.2%	268.4	25,812.9	14,202.7	11,610.2	55.02%
2027	3,310.4	832.5	25.1%	276.2	26,583.4	14,640.3	11,943.1	55.07%
2028	3,411.3	857.9	25.1%	284.0	27,379.4	15,102.1	12,277.3	55.16%
2029	3,514.8	884.0	25.2%	291.8	28,199.8	15,588.3	12,611.5	55.28%
2030	3,619.1	910.2	25.1%	299.4	29,044.1	16,099.7	12,944.4	55.43%
2031	3,726.7	937.2	25.1%	307.1	29,911.0	16,636.6	13,274.4	55.62%
2032	3,837.4	965.1	25.1%	314.7	30,797.9	17,198.1	13,599.8	55.84%
2033	3,949.7	993.3	25.1%	322.1	31,701.1	17,782.7	13,918.4	56.09%
2034	4,063.5	1,021.9	25.1%	329.3	32,615.7	18,388.1	14,227.6	56.38%
2035	4,179.2	1,051.0	25.1%	336.3	33,537.0	19,012.0	14,525.0	56.69%
2036	4,296.4	1,080.5	25.1%	342.8	34,458.0	19,650.8	14,807.2	57.03%
2037	4,415.2	1,110.4	25.1%	349.0	35,371.6	20,300.4	15,071.2	57.39%
2038	4,535.1	1,140.6	25.2%	354.6	36,267.7	20,955.0	15,312.7	57.78%
2039	4,658.1	1,171.5	25.1%	359.9	37,138.1	21,610.1	15,528.0	58.19%
2040	4,784.6	1,203.3	25.1%	364.9	37,971.5	22,259.5	15,712.0	58.62%
2045	4,914.0	1,383.3	28.2%	386.3	41,272.7	25,294.2	15,978.5	61.29%
2050	5,049.1	1,648.2	32.6%	419.6	43,241.2	28,595.9	14,645.3	66.13%
2055	5,190.6	1,998.3	38.5%	464.4	44,406.0	33,732.8	10,673.2	75.96%
2059	5,339.4	2,341.4	43.9%	503.8	44,925.3	40,432.8	4,492.5	90.00%

Note: The above projection is based upon the system's FY 2011 actuarial valuations.





## **BACKGROUND**

**The Commission on Government Forecasting and Accountability (CGFA), a bipartisan, joint legislative commission, provides the General Assembly with information relevant to the Illinois economy, taxes and other sources of revenue and debt obligations of the State. The Commission's specific responsibilities include:**

- 1) Preparation of annual revenue estimates with periodic updates;
- 2) Analysis of the fiscal impact of revenue bills;
- 3) Preparation of "State Debt Impact Notes" on legislation which would appropriate bond funds or increase bond authorization;
- 4) Periodic assessment of capital facility plans;
- 5) Annual estimates of public pension funding requirements and preparation of pension impact notes;
- 6) Annual estimates of the liabilities of the State's group health insurance program and approval of contract renewals promulgated by the Department of Central Management Services;
- 7) Administration of the State Facility Closure Act.

The Commission also has a mandate to report to the General Assembly ". . . on economic trends in relation to long-range planning and budgeting; and to study and make such recommendations as it deems appropriate on local and regional economic and fiscal policies and on federal fiscal policy as it may affect Illinois. . . ." This results in several reports on various economic issues throughout the year.

**The Commission publishes several reports each year. In addition to a Monthly Briefing, the Commission publishes the "Revenue Estimate and Economic Outlook" which describes and projects economic conditions and their impact on State revenues. The "Illinois Bond Watcher" report examines the State's debt position as well as other issues directly related to conditions in the financial markets. The "Financial Conditions of the Illinois Public Retirement Systems" provides an overview of the funding condition of the State's retirement systems. Also published are an Annual Fiscal Year Budget Summary; Report on the Liabilities of the State Employees' Group Insurance Program; and Report of the Cost and Savings of the State Employees' Early Retirement Incentive Program. The Commission also publishes each year special topic reports that have or could have an impact on the economic well-being of Illinois. All reports are available on the Commission's website.**

These reports are available from:

Commission on Government Forecasting and Accountability  
703 Stratton Office Building  
Springfield, Illinois 62706  
(217) 782-5320  
(217) 782-3513 (FAX)

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