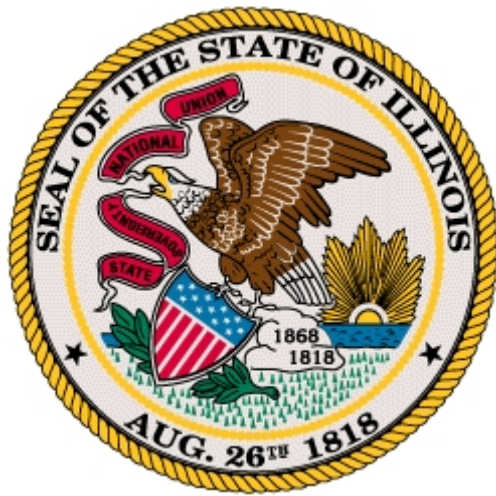


2019 Biennial Report (2017 – 2018)



State of Illinois Department of Insurance Public Pension Division

JB Pritzker
Governor

Robert H. Muriel
Director

Article 2 General Assembly Retirement System

Article 3 Suburban and Downstate Police Pension Funds

Article 4 Suburban and Downstate Firefighters Pension Funds

Article 5 Policemen's Annuity and Benefit Fund of Chicago

Article 6 Firemen's Annuity and Benefit Fund of Chicago

Article 7 Illinois Municipal Retirement Fund

Article 8 Municipal Employees', Officers' and Officials' Annuity and Benefit Fund of Chicago

Article 9 County Employees' and Officers' Annuity and Benefit Fund of Cook County

Article 10 Forest Preserve District Employees' Annuity and Benefit Fund of Cook County

Article 11 Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago

Article 12 Park Employees' and Retirement Board Employees' Annuity and Benefit Fund of Chicago

Article 13 Metropolitan Water Reclamation District Retirement Fund

Article 14 State Employees' Retirement System of Illinois

Article 15 State Universities Retirement System

Article 16 Teachers' Retirement System of the State of Illinois

Article 17 Public School Teachers' Pension and Retirement Fund of Chicago

Article 18 Judges' Retirement System of Illinois



Illinois Department of Insurance

JB PRITZKER
Governor

ROBERT H MURIEL
Director

October 1, 2019

The Honorable JB Pritzker
Governor
207 State House
Springfield, Illinois 62706

And

The Honorable Members of the Illinois General Assembly
State House
Springfield, Illinois 62706

Dear Governor Pritzker and Members of the Illinois General Assembly:

On behalf of the Public Pension Division of the Illinois Department of Insurance, and pursuant to Section 1A-108 of the Illinois Pension Code (40 ILCS 5/1A-104), I am pleased to submit the 2019 Biennial Report ("Report") of the Public Pension Division (the "Division") of the Illinois Department of Insurance.

The enclosed Report outlines the activities of the Division, the public retirement systems and pension funds in the State of Illinois, includes the Division's recommendations for the next biennial period, and provides a detailed summary of the financial status of each public retirement system and public pension fund in the State.

Sincerely,

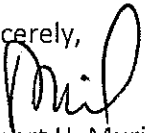

Robert H. Muriel
Director

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INTRODUCTION

In compliance with Section 1A-108 of the Illinois Pension Code (40 ILCS 5/1A-108), the Public Pension Division (“Division”) of the Illinois Department of Insurance (“Department”) submits the 2019 Biennial Report (“Report”) on the activities and recommendations of the Division and the financial condition of the State of Illinois’ public retirement systems and pension funds for the fiscal years 2017 and 2018, based on the submitted data from the fiscal year annual statements.

EXECUTIVE SUMMARY

The Division is tasked with the compilation, maintenance, and reporting of the financial, statistical, and actuarial data of the public retirement systems and pension funds in the State of Illinois. Note, the terms “large funds” and “retirement systems” are used in the report to refer exclusively to the 15 large public pension funds encompassing the regional governmental employers within the State of Illinois. The terms “suburban and downstate pension funds” and “pension funds” denote the active fire and police pension funds located outside of Chicago. The pension funds, regulated under Article 3 and Article 4 of the Illinois Pension Code, are locally financed funds in municipalities with a population greater than 5,000 but less than 500,000, employing a full-time police or fire workforce with an exception: a fire protection district with one full-time member does not need to meet the population requirement. Section 1A-108 of the Illinois Pension Code (40 ILCS 5/1A-108) states that “the Division shall submit a report to the Governor and General Assembly setting forth the latest financial statements on the pension funds operating in the State of Illinois, a summary of the current provisions underlying these funds, and a report on any changes that have occurred in these provisions”, as of the last report and “the report shall include the results of examinations made by the Division of any pension fund and any specific recommendations for legislative and administrative correction that the Division deems necessary.”

Data submitted by the retirement systems and the pension funds in their annual statement reports to the Division for the fiscal years ended 2017 and 2018, pursuant to the provisions of the Illinois Pension Code (40 ILCS 5/1 et seq.), showed the following aggregate values for the retirement systems:

- The aggregate value of actuarial liabilities \$342.4 billion in fiscal year 2017 and \$357.9 billion in fiscal year 2018.
- The aggregate actuarial value of assets was \$ 163.6 billion in fiscal year 2017 and \$170.0 billion in fiscal year 2018.
- The aggregate value of unfunded actuarial liabilities was \$178.8 billion in fiscal year 2017 and \$187.8 billion in fiscal year 2018

- The aggregate actuarial funded ratio was 47.8% in fiscal year 2017 and 47.5 % in fiscal year 2018

The data of the suburban and downstate pension funds, Article 3 and Article 4, showed the following aggregate values for the pension funds:

- The aggregate value of actuarial liabilities was \$ 25.8 billion in fiscal year 2017 and \$ 27.3 billion in fiscal year 2018.
- The aggregate actuarial value of assets was \$14.3 billion in fiscal year 2017 and \$14.9 billion in fiscal year 2018.
- The aggregate value of unfunded actuarial liabilities was \$11.5 billion in fiscal year 2017 and \$12.3 billion in fiscal year 2018.
- The aggregate actuarial funded ratio was 55.4% in fiscal year 2017 and 54.8% in fiscal year 2018

The historical actuarial valuation data representing the fiscal year 2014 through fiscal year 2018 active funds is included in Appendix A-1 Retirement Systems and Pension Funds Individual Profile Reports.

TABLE REPRESENTATION OF RETIREMENT SYSTEMS AGGREGATED ACTUARIAL VALUATIONS

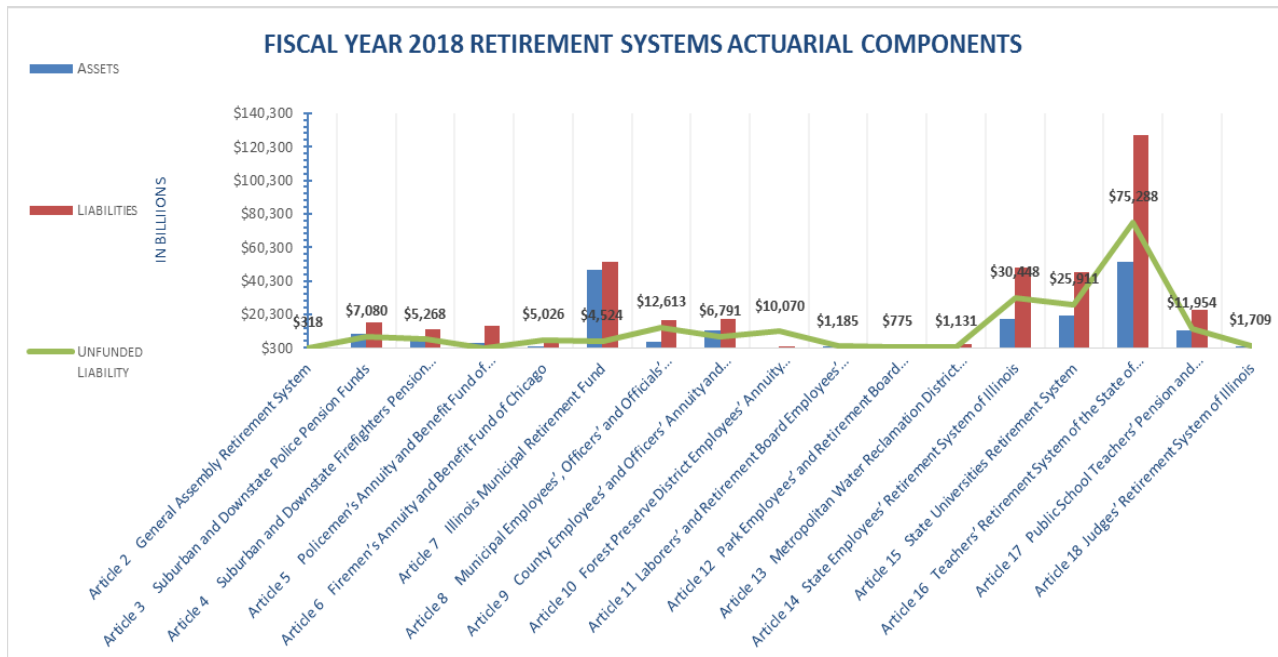
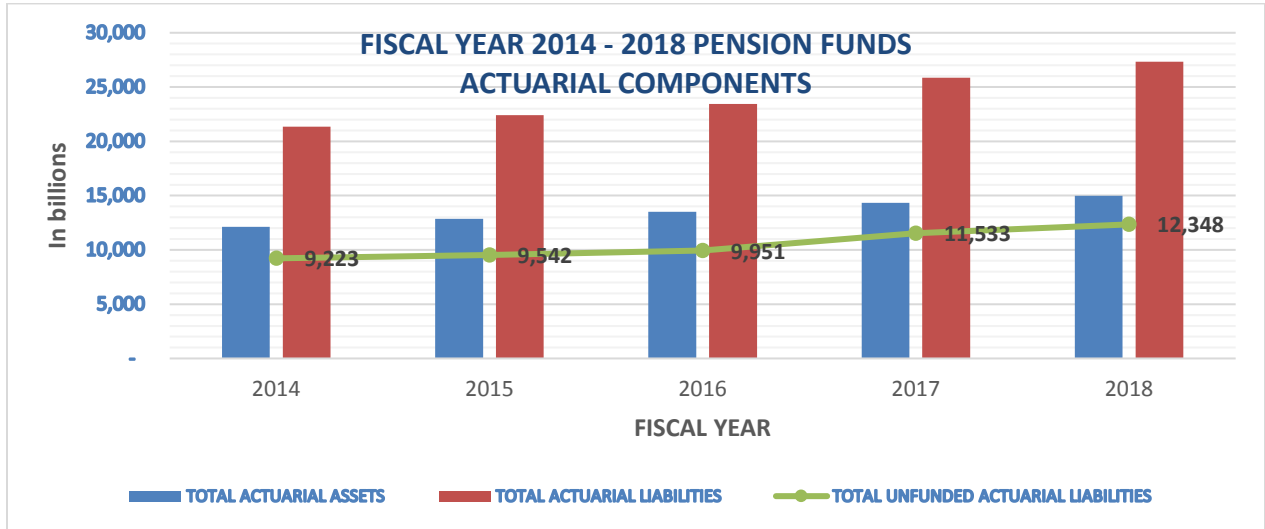


TABLE REPRESENTATION OF ARTICLE 3 AND ARTICLE 4 AGGREGATED ACTUARIAL VALUATIONS



A detailed financial data report for each of the retirement systems and pension funds is included in Appendix A. Additionally, the comprehensive “Complete Profile Report” for each retirement system and pension fund is available on the Department's website at: <https://insurance.illinois.gov/Applications/Pension/PensionDataPortal.aspx>

CHANGES BY RETIREMENT SYSTEM AND PENSION FUND

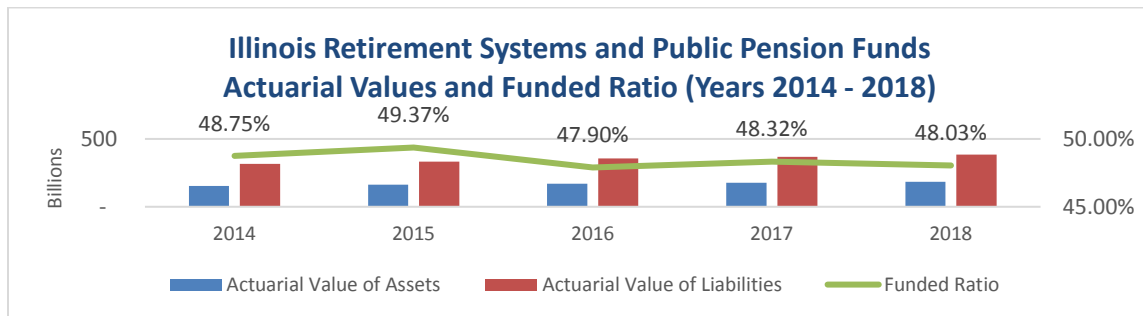
Actuarial Value of Assets and Liabilities Retirement Systems and Pension Funds	2018	2018	2017	2017
	Actuarial Assets	Actuarial Liabilities	Actuarial Assets	Actuarial Liabilities
Article 2 General Assembly Retirement System	\$57,618,152	\$375,778,593	\$55,063,012	\$370,758,254
Article 3 Suburban and Downstate Police Pension Funds	\$8,697,304,663	\$15,777,173,620	\$8,302,540,282	\$14,915,659,361
Article 4 Suburban and Downstate Firefighters Pension Funds	\$6,295,628,942	\$11,564,064,451	\$6,026,536,713	\$10,945,949,982
Article 5 Policemen's Annuity and Benefit Fund of Chicago	\$3,145,136,204	\$13,214,658,111	\$3,103,989,602	\$13,093,882,568
Article 6 Firemen's Annuity and Benefit Fund of Chicago	\$1,130,369,929	\$6,155,919,204	\$1,123,388,840	\$5,582,426,435
Article 7 Illinois Municipal Retirement Fund	\$46,993,438,023	\$51,517,596,483	\$44,884,930,227	\$47,876,610,571
Article 8 Municipal Employees', Officers' and Officials' Annuity and Benefit Fund of Chicago	\$4,195,644,172	\$16,808,614,316	\$4,456,771,744	\$16,282,396,195
Article 9 County Employees' and Officers' Annuity and Benefit Fund of Cook County	\$10,512,756,513	\$17,303,773,832	\$10,148,203,834	\$16,889,499,662
Article 10 Forest Preserve District Employees' Annuity and Benefit Fund of Cook County	\$202,894,946	\$336,684,911	\$204,273,172	\$330,912,840
Article 11 Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago	\$1,467,582,766	\$2,652,874,883	\$1,333,625,694	\$2,578,745,050
Article 12 Park Employees' and Retirement Board Employees' Annuity and Benefit Fund of Chicago	\$366,806,612	\$1,142,297,965	\$385,419,506	\$1,039,279,444
Article 13 Metropolitan Water Reclamation District Retirement Fund	\$1,470,308,639	\$2,601,163,632	\$1,456,195,876	\$2,497,890,179
Article 14 State Employees' Retirement System of Illinois	\$17,478,139,581	\$47,925,682,796	\$16,558,873,542	\$46,701,348,277
Article 15 State Universities Retirement System	\$19,347,900,000	\$45,258,700,000	\$18,594,300,000	\$41,853,300,000
Article 16 Teachers' Retirement System of the State of Illinois	\$51,730,889,960	\$127,019,330,164	\$49,467,525,209	\$122,904,034,268
Article 17 Public School Teachers' Pension and Retirement Fund of Chicago	\$10,969,085,523	\$22,922,992,558	\$10,933,031,685	\$21,822,010,297
Article 18 Judges' Retirement System of Illinois	\$1,012,757,312	\$2,721,852,847	\$942,988,992	\$2,649,258,572
Total Retirement Systems	\$170,081,328,332	\$357,957,920,295	\$163,648,580,935	\$342,472,352,612
Total Pension Funds (Article 3 & 4)	\$14,992,933,605	\$27,341,238,071	\$14,329,076,995	\$25,861,609,343
All Retirement Systems/Pension Funds	\$185,074,261,937	\$385,299,158,366	\$177,977,657,930	\$368,333,961,955

Change in Unfunded Actuarial Liability Retirement Systems and Pension Funds	2018	2017	Change	Percentage Change
	Unfunded Actuarial Liability	Unfunded Actuarial Liability		
Article 2 General Assembly Retirement System	\$318,160,441	\$315,695,242	\$2,465,199	0.8%
Article 3 Suburban and Downstate Police Pension Funds	\$7,079,868,957	\$6,613,119,079	\$466,749,878	7.1%
Article 4 Suburban and Downstate Firefighters Pension Funds	\$5,268,435,509	\$4,919,413,269	\$349,022,240	7.1%
Article 5 Policemen's Annuity and Benefit Fund of Chicago	\$133,789,965	\$126,639,668	\$7,150,297	5.6%
Article 6 Firemen's Annuity and Benefit Fund of Chicago	\$5,025,549,275	\$4,459,037,595	\$566,511,680	12.7%
Article 7 Illinois Municipal Retirement Fund	\$4,524,158,460	\$2,991,680,344	\$1,532,478,116	51.2%
Article 8 Municipal Employees', Officers' and Officials' Annuity and Benefit Fund of Chicago	\$12,612,970,144	\$11,825,624,451	\$787,345,693	6.7%
Article 9 County Employees' and Officers' Annuity and Benefit Fund of Cook County	\$6,791,017,319	\$6,741,295,828	\$49,721,491	0.7%
Article 10 Forest Preserve District Employees' Annuity and Benefit Fund of Cook County	\$10,069,521,907	\$9,989,892,966	\$79,628,941	0.8%
Article 11 Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago	\$1,185,292,117	\$1,245,119,356	-\$59,827,239	-4.8%
Article 12 Park Employees' and Retirement Board Employees' Annuity and Benefit Fund of Chicago	\$775,491,353	\$653,859,938	\$121,631,415	18.6%
Article 13 Metropolitan Water Reclamation District Retirement Fund	\$1,130,854,993	\$1,041,694,303	\$89,160,690	8.6%
Article 14 State Employees' Retirement System of Illinois	\$30,447,543,215	\$30,142,474,735	\$305,068,480	1.0%
Article 15 State Universities Retirement System	\$25,910,800,000	\$23,259,000,000	\$2,651,800,000	11.4%
Article 16 Teachers' Retirement System of the State of Illinois	\$75,288,440,204	\$73,436,509,059	\$1,851,931,145	2.5%
Article 17 Public School Teachers' Pension and Retirement Fund of Chicago	\$11,953,907,035	\$10,888,978,612	\$1,064,928,423	9.8%
Article 18 Judges' Retirement System of Illinois	\$1,709,095,535	\$1,706,269,580	\$2,825,955	0.2%
Total Retirement Systems	\$187,876,591,963	\$178,823,771,677	\$9,052,820,286	5.1%
Total Pension Funds (Article 3 & 4)	\$12,348,304,466	\$11,532,532,348	\$815,772,118	7.1%
All Retirement Systems/Pension Funds	\$200,224,896,429	\$190,356,304,025	\$9,868,592,404	5.2%

Funding Percentage			
Retirement Systems and Pension Funds	2018	2017	Percentage
	Funding Percentage	Funding Percentage	Change
Article 2 General Assembly Retirement System	15.3%	14.9%	0.5%
Article 3 Suburban and Downstate Police Pension Funds	55.1%	55.7%	-0.5%
Article 4 Suburban and Downstate Firefighters Pension Funds	54.4%	55.1%	-0.6%
Article 5 Policemen's Annuity and Benefit Fund of Chicago	23.8%	23.7%	0.1%
Article 6 Firemen's Annuity and Benefit Fund of Chicago	18.4%	20.1%	-1.8%
Article 7 Illinois Municipal Retirement Fund	91.2%	93.8%	-2.5%
Article 8 Municipal Employees', Officers' and Officials' Annuity and Benefit Fund of Chicago	25.0%	27.4%	-2.4%
Article 9 County Employees' and Officers' Annuity and Benefit Fund of Cook County	60.8%	60.1%	0.7%
Article 10 Forest Preserve District Employees' Annuity and Benefit Fund of Cook County	60.3%	61.7%	-1.5%
Article 11 Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago	55.3%	51.7%	3.6%
Article 12 Park Employees' and Retirement Board Employees' Annuity and Benefit Fund of Chicago	32.1%	37.1%	-5.0%
Article 13 Metropolitan Water Reclamation District Retirement Fund	56.5%	58.3%	-1.8%
Article 14 State Employees' Retirement System of Illinois	36.5%	35.5%	1.0%
Article 15 State Universities Retirement System	42.7%	44.4%	-1.7%
Article 16 Teachers' Retirement System of the State of Illinois	40.7%	40.2%	0.5%
Article 17 Public School Teachers' Pension and Retirement Fund of Chicago	47.9%	50.1%	-2.2%
Article 18 Judges' Retirement System of Illinois	37.2%	35.6%	1.6%
Total Retirement Systems	47.5%	47.8%	-0.3%
Total Pension Funds (Article 3 & 4)	54.8%	55.4%	-0.6%
All Retirement Systems/Pension Funds	48.0%	48.3%	-0.3%

Data is based on Reported Actuarial Valuation for the Retirement Funds and the calculated Actuarial Valuation Report for the Pension Funds

The data shows a small decrease of .003 in the funded percentage from fiscal year 2017 to 2018. The highest funded percentage decrease occurred in the Chicago Retirement Systems and the largest dollar change occurred in the Illinois Municipal Retirement Fund. The Chicago Retirement System and the Illinois Municipal Retirement Fund have a December 31 fiscal year end, and the result was a decrease in their investment returns. The data shows a decrease in their market value of investment and investment returns which may be due to the major market change during that time period. The decrease resulted in large losses that over time may be recouped, see the investment return schedule (Appendix B) and the individual financial statements. Detailed financial data on each of the retirement systems and pension funds can be found in the five-year profile summary included in this report.



AGGREGATED ACTUARIAL COMPONENTS BY RETIREMENT SYSTEM / PENSION FUND

STATE OF ILLINOIS RETIREMENT SYSTEMS AND PENSION FUNDS ACTUARIAL ASSETS

	2018	2017	2016	2015	2014
CHICAGO RETIREMENT SYSTEMS	21,274,625,206	21,336,227,071	20,985,297,230	21,131,296,124	20,778,514,331
STATE OF ILLINOIS RETIREMENT SYSTEMS	89,627,305,005	85,618,750,755	81,478,018,154	78,130,882,239	72,067,944,548
COOK COUNTY RETIREMENT SYSTEMS	12,185,960,098	11,808,672,882	11,058,830,184	10,492,730,000	10,263,714,137
ILLINOIS MUNICIPAL RETIREMENT SYSTEM	46,993,438,023	44,884,930,227	43,226,897,654	41,378,882,321	39,080,152,424
ARTICLE 3 & 4 SUBURBAN AND DOWNSTATE PENSION FUNDS	14,992,933,605	14,329,076,995	13,503,068,687	12,860,318,220	12,124,437,324
	185,074,263,955	177,977,659,947	170,252,113,925	163,994,110,919	154,314,764,778

STATE OF ILLINOIS RETIREMENT SYSTEMS AND PENSION FUNDS ACTUARIAL ASSETS PERCENT TO TOTAL

	2018	2017	2016	2015	2014
CHICAGO RETIREMENT SYSTEMS	11.5%	12.0%	12.3%	12.9%	13.5%
STATE OF ILLINOIS RETIREMENT SYSTEMS	48.4%	48.1%	47.9%	47.6%	46.7%
COOK COUNTY RETIREMENT SYSTEMS	6.6%	6.6%	6.5%	6.4%	6.7%
ILLINOIS MUNICIPAL RETIREMENT SYSTEM	25.4%	25.2%	25.4%	25.2%	25.3%
ARTICLE 3 & 4 SUBURBAN AND DOWNSTATE PENSION FUNDS	8.1%	8.1%	7.9%	7.8%	7.9%
	100%	100%	100%	100%	100%

STATE OF ILLINOIS RETIREMENT SYSTEMS AND PENSION FUNDS ACTUARIAL LIABILITIES

	2018	2017	2016	2015	2014
CHICAGO RETIREMENT SYSTEMS	62,897,357,037	60,398,739,989	56,718,695,299	53,888,611,666	50,182,950,045
STATE OF ILLINOIS RETIREMENT SYSTEMS	223,301,344,400	214,478,699,371	207,978,347,414	191,028,226,409	183,249,396,884
COOK COUNTY RETIREMENT SYSTEMS	20,241,622,375	19,718,302,681	19,499,956,374	18,925,980,870	17,930,464,233
ILLINOIS MUNICIPAL RETIREMENT SYSTEM	51,517,596,483	47,876,610,571	47,812,210,529	45,952,328,742	43,845,091,499
ARTICLE 3 & 4 SUBURBAN AND DOWNSTATE PENSION FUNDS	27,341,238,071	25,861,609,343	23,454,747,452	22,402,234,882	21,347,328,367
	385,299,160,384	368,333,963,972	355,463,959,084	332,197,384,584	316,555,233,042

STATE OF ILLINOIS RETIREMENT SYSTEMS AND PENSION FUNDS ACTUARIAL LIABILITIES PERCENT TO TOTAL

	2018	2017	2016	2015	2014
CHICAGO RETIREMENT SYSTEMS	16.3%	16.4%	16.0%	16.2%	15.9%
STATE OF ILLINOIS RETIREMENT SYSTEMS	58.0%	58.2%	58.5%	57.5%	57.9%
COOK COUNTY RETIREMENT SYSTEMS	5.3%	5.4%	5.5%	5.7%	5.7%
ILLINOIS MUNICIPAL RETIREMENT SYSTEM	13.4%	13.0%	13.5%	13.8%	13.9%
ARTICLE 3 & 4 SUBURBAN AND DOWNSTATE PENSION FUNDS	7.1%	7.0%	6.6%	6.7%	6.7%
	100%	100%	100%	100%	100%

STATE OF ILLINOIS RETIREMENT SYSTEMS AND PENSION FUNDS FUNDED PERCENTAGE

	2018	2017	2016	2015	2014
CHICAGO RETIREMENT SYSTEMS	33.82%	35.33%	37.00%	39.21%	41.41%
STATE OF ILLINOIS RETIREMENT SYSTEMS	40.14%	39.92%	39.18%	40.90%	39.33%
COOK COUNTY RETIREMENT SYSTEMS	60.20%	59.89%	56.71%	55.44%	57.24%
ILLINOIS MUNICIPAL RETIREMENT SYSTEM	91.22%	93.75%	90.41%	90.05%	89.13%
ARTICLE 3 & 4 SUBURBAN AND DOWNSTATE PENSION FUNDS	54.84%	55.41%	57.57%	57.41%	56.80%
	48.03%	48.32%	47.90%	49.37%	48.75%

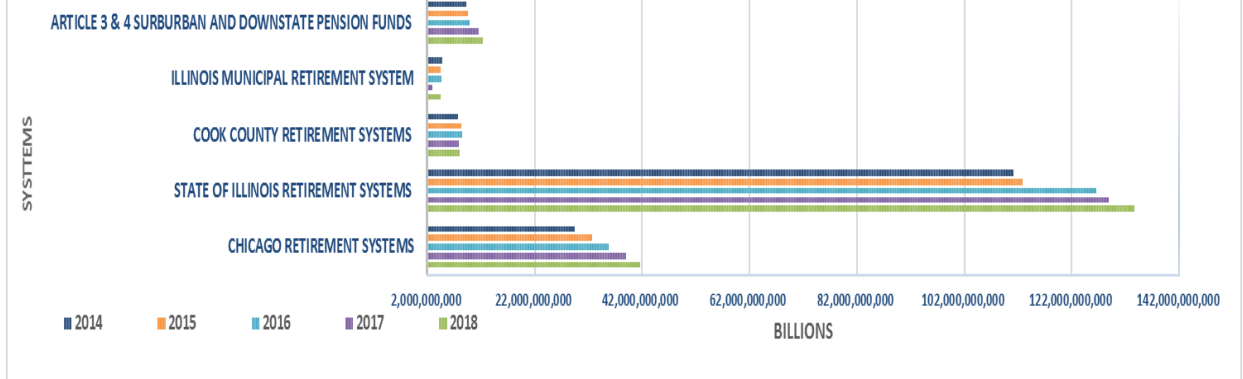
STATE OF ILLINOIS RETIREMENT SYSTEMS AND PENSION FUNDS ACTUARIAL UNFUNDED LIABILITIES

	2018	2017	2016	2015	2014
CHICAGO RETIREMENT SYSTEMS	41,622,731,831	39,062,512,918	35,733,398,069	32,757,315,542	29,404,435,714
STATE OF ILLINOIS RETIREMENT SYSTEMS	133,674,039,395	128,859,948,616	126,500,329,260	112,897,344,170	111,181,452,336
COOK COUNTY RETIREMENT SYSTEMS	8,055,662,277	7,909,629,799	8,441,126,190	8,433,250,870	7,666,750,096
ILLINOIS MUNICIPAL RETIREMENT SYSTEM	4,524,158,460	2,991,680,344	4,585,312,875	4,573,446,421	4,764,939,075
ARTICLE 3 & 4 SUBURBAN AND DOWNSTATE PENSION FUNDS	12,348,304,466	11,532,532,348	9,951,678,765	9,541,916,662	9,222,891,043
	200,224,896,429	190,356,304,025	185,211,845,159	168,203,273,665	162,240,468,264

STATE OF ILLINOIS RETIREMENT SYSTEMS AND PENSION FUNDS ACTUARIAL UNFUNDED LIABILITIES PERCENT TO TOTAL

	2018	2017	2016	2015	2014
CHICAGO RETIREMENT SYSTEMS	20.8%	20.5%	19.3%	19.5%	18.1%
STATE OF ILLINOIS RETIREMENT SYSTEMS	66.8%	67.7%	68.3%	67.1%	68.5%
COOK COUNTY RETIREMENT SYSTEMS	4.0%	4.2%	4.6%	5.0%	4.7%
ILLINOIS MUNICIPAL RETIREMENT SYSTEM	2.3%	1.6%	2.5%	2.7%	2.9%
ARTICLE 3 & 4 SUBURBAN AND DOWNSTATE PENSION FUNDS	6.2%	6.1%	5.4%	5.7%	5.7%
	100%	100%	100%	100%	100%

STATE OF ILLINIOS RETIREMENT SYSTEMS AND PENSION FUNDS ACTUARIAL UNFUNDED LIABILITIES



COMPILATION

To compile the financial, statistical, and actuarial data contained in this report, the Division worked with the Department of Innovation and Technology to create the financial reports by extracting the data directly from the annual statements filed with the Division by the retirement systems and pension funds pursuant to the Illinois Pension Code. Filings with the Division were received through the Division’s Pension Annual Statement System (“P.A.S.S.”), which serves as a warehouse of pension fund data and contains a portal through which the public may access information pertaining to the funds. The data submitted by the funds were reviewed for completeness and reasonableness. The data was not changed from the filed data as submitted by the retirement systems and pension funds. For a better understanding and detailed data concerning the retirement system’s pension provisions, summary data sheets were provided to the individual retirement systems for their input and review. We thank them for performing this invaluable review.

The overall summaries were compiled from the data as submitted to provide the five-year overviews of the retirement systems and pension funds. The data in some instances may differ from annual statement data previously filed with the Division due to correction of prior errors and/or post-submission adjustments. Our objective is to provide detailed, comprehensive data that is conducive to further analysis. Other reports for the retirement systems and pension funds are available at: <https://insurance.illinois.gov/Applications/Pension/PensionDataPortal.aspx>

The Division's duties are outlined in Article 1A of the Illinois Pension Code, and apply predominantly to the regulation of suburban and downstate police and fire pension funds covered by Articles 3 and 4, respectively. The Division's responsibilities, as outlined in the Illinois Pension Code, include but are not limited to:

- Rulemaking authority for Articles 3 and 4 (Section 1A-103)
- Examination and investigation authority (Section 1A-104)
- Performance of compliance audits of Articles 3 and 4 pension funds (Section 1A-105)
- Advisory services (Section 1A-106)
- Biennial reporting to the Governor and the General Assembly (Section 1A- 108)
- Review and maintenance of annual statement filings of all retirement systems and pension funds (Section 1A-109)
- Performance of actuarial valuations for Article 3 and 4 pension funds (Sections 1A -111, 3-125, and 4-118)
- Collection of compliance fees (Section 1A-112)
- Limited enforcement authority for noncompliance with the Pension Code (Section 1A-113)

As of the end of calendar year 2018 the Division staffing consisted of seven professionals: an audit supervisor, three compliance auditors, one compliance manager, one pension analyst, and one administrative support person. Four additional compliance auditors joined the Division in fiscal year 2020. The Pension Regulation Fund finances the Division from fees collected from the retirement systems and funds. All retirement systems and pension funds pay a compliance fee of .02% of total assets of the system/fund, limited to a maximum of \$8,000 per system/fund.

Of the 671 fiscal year 2018 active funds in Illinois, 15 are large funds, including state-wide and state-financed funds, City of Chicago funds, and Cook County funds. The other funds are suburban and downstate police and fire funds that are financed locally. The Article 3 and Article 4 suburban and downstate police and fire funds are regulated by the Division in compliance with the Pension Code. The Division's activities and authority vary among the funds. The Chicago, Cook County, and Statewide retirement systems have sufficient operating budgets that allow the fund trustees to hire professional administrators and specialists to assist with their statutory functions. The Division's role with these funds is focused on data collection and a coordination of periodic compliance examination based on agreed upon procedures, where established. The suburban and downstate pension funds are individually managed by five-member trustee boards consisting of two active participants, one retiree, and two municipal appointees. These boards may not have

the resources to engage support staff. Most of the services provided by the Division are utilized by these pension funds.

INVESTIGATIONS AND EXAMINATIONS

Section 1A-104 of the Pension Code states: “The Division shall make periodic examinations and investigations of all pension funds established under this Code and maintained for the benefit of employees and officers of governmental units in the State of Illinois.”

Pursuant to 40 ILCS 5/1A-104(a), the Division utilizes a periodic examination process for the retirement systems under “agreed upon procedures” and in conjunction with their CPA financial audit. This process is beneficial to both retirement systems and the Division by concentrating on areas not previously covered in the annual financial audit. The Division has the authority to perform compliance audits on all retirement systems and pension funds created under the Pension Code. However, in place of making an examination and investigation, the Division may accept and rely upon a report of audit or examination of the retirement systems by an independent certified public accountant pursuant to the Code. The Division relies upon the Auditor General to perform audits on the five retirement systems funded by the State of Illinois.

A compliance audit of a suburban and downstate police or firefighter fund conducted by the Division includes a comprehensive review of pension awards, contributions, management, and administrative practices of the board of trustees of the pension fund. The Division reviews in detail all actions taken by the board pertaining to the operation of the fund to determine compliance with the Illinois Pension Code, the Illinois Administrative Code, and relevant state law. The Division may perform an on-site audit rather than a desk audit based on available resources and as necessary.

Upon completion of the desk or field audit, a written report is prepared by the Division reflecting the results of the examination. The draft report summarizes the examiner’s findings and contains specific recommendations to the board of trustees for implementing any required actions. The board is given an opportunity to respond to the Division’s findings, after which a final Report of Examination (Report) is prepared with modification made, if warranted. If no hearing on the Report of Examination is requested, a Director’s Order is issued ordering corrective action be taken with respect to the findings contained in the Report.

After the board implements the corrections, or if no corrections are required, the report is filed as a public record. The written response to the audit filed by the pension fund is considered part of the public record.

The most important part of the compliance audit process is the review of pension benefit awards to ensure compliance with the definition of salary in Sections 3-125.1 and 4-118.1 of the Illinois Pension Code and Part 4402 of Title 50 of the Illinois Administrative Code. Benefit noncompliance findings include: incorrect salary used in the calculation of the pension benefit, using salary amounts that are inconsistent with the history of the salary contributions, inclusion of pre-retirement pay increases, and inconsistencies with the salary as defined by the Illinois Pension Code and the Illinois Administrative Code. The audit process includes a review of the fund's operations to ensure that the fiduciaries of the fund comply with the requirements of Article 1 of the Illinois Pension Code and the duties and responsibilities enumerated in Articles 3 and 4 of the Illinois Pension Code. Fiduciary noncompliance findings include: noncompliance with provisions for appropriate trustee training, expense approvals, documentation, filing requirements, and other matters of policies and procedures. A review of the investment assets of the funds is also performed to ensure compliance with allowable limitations based on the types of investments set forth in the Illinois Pension Code.

Section 1A-104 of the Illinois Pension Code was amended to mandate that each fund be audited on a three-year audit cycle. Although no additional resources were provided to comply with the mandate, the Division continues its efforts to achieve compliance. To meet the three-year audit cycle, the Division must close 219 audits per calendar year. During calendar year 2017, the Division closed 32 examinations and in calendar year 2018, 26 examinations were closed. The number of examinations reflects a staffing level of two trained examiners.

The most common examination report findings are:

- Inaccurate Board of Trustees composition
- Failure to annually elect officers
- Incorrect salary used as the basis for the benefit calculation
- Non-salary items included in the final salary used in benefit calculation
- Incorrect entry dates, birth dates, or retirement dates used to determine creditable service time
- Errors in the calculation of cost of living increases
- Initial increased pension amounts are incorrectly compounded
- Failure to deduct employee contributions at the percentage rate prescribed by the Code
- Failure to withhold contributions from all pensionable salary components
- Incomplete membership records
- Incomplete board meeting minutes
- Inaccurate data reported on the annual statement filed with the Pension Division

The Division performs reviews of the annual statement filings of all suburban and downstate pension funds on an annual basis. The review focuses on the reasonableness and completeness

of data reported by the funds for purposes of calculating their annual recommended municipal tax levies. Enhanced reviews are performed, generating information that enables the Division to identify potential risk areas within the funds' operations. The reviews are a key element in the Division's examination planning.

The Division continues to provide support to the suburban and downstate pension fund boards. The Division receives informal and formal inquiries annually through its toll-free hotline (800) 207-6958 and e-mail inbox at DOI.Pension@illinois.gov. Services provided by the Division include the following:

- Responses to oral and written inquiries
- Assistance with calculations associated with benefits, repayments of contributions, and transfers of creditable service
- Assistance with the filing of the annual statement
- Legislative bill review and analysis to identify the potential impact of financial and regulatory changes to the retirement systems and pension funds

The Division continued to improve efficiency of operations during the biennial period. Accomplishments include the following:

- Restructuring compliance and examination work; streamlining the comprehensive review of annual statement filings, and targeting funds for future audits by identifying risk areas during the annual review
- Data integrity was improved by requiring all funds to submit new documentation, allowing for immediate access for review. Documentation included board minutes, bargaining agreements and salary ordinances with their annual statement filings
- Modification to the Pension Annual Statement System to capture more required actuarial data, resulting in a more accurate valuation
- The hiring of new examination staff with the goal of increasing productivity, resulting in an increase in the number of examinations performed on the pension funds
- Enhancements to the Division's Pension Data portal to facilitate the availability of documents without formal Freedom of Information Act (FOIA) request. Toward this end, 183 final reports of examination were redacted and are available for review on the Division's Pension Data Portal see; [\[Listing of Redacted Pension Fund Examination Reports\]](#)

Section 1A-109 of the Illinois Pension Code provides that “each pension fund shall furnish to the Division an annual statement in a format prepared by the Division.” The Division receives and reviews annual statement data from the retirement systems and pension funds. The Division uses this information for a variety of purposes, such as: to generate the biennial report, to prepare special reports used by organizations and government agencies for a variety of purposes, to prepare actuarial valuation reports, and to guide regulatory efforts. The data is collected through an automated annual statement process (called P.A.S.S) accessed through the Department of Insurance’s website. Data submitted by each system includes the following:

- An income statement and balance sheet reflecting all financial activities of the fund
- A detailed statistical report showing active membership of the fund and retirees and annuitants receiving benefits, with expenditure detail
- A complete investment portfolio breakdown

The P.A.S.S. contains an audit program that identifies discrepancies when the annual statement is submitted. Additionally, the Division performs an in-depth review of the participant data information filed as part of the annual statement. The Division reviews the overall information and participant data and works with pension funds to address any discrepancies in their reporting. To accomplish this task, the Division and pension funds review the “Benefit Discrepancy Report” to identify potential problems with participant data submitted for active members, retirees, and beneficiaries in the annual statement filings. If discrepancies are identified, the annual statement filing is rejected, and the fund is notified of the discrepancies so that corrections can be made. Annual statement filings are not accepted until all significant discrepancies are corrected. It is the Division’s goal to ensure that all filings contain accurate data, and the Division works closely with pension funds to address any data issue.

The Division maintains historical annual statement and correspondence files on each of the retirement systems and pension funds. Detailed information is gathered on the suburban and downstate police and fire pension funds, while summary data is maintained on the fifteen statewide, Cook County, and Chicago retirement systems. The automated submission of annual statements through P.A.S.S. has greatly increased the Division’s ability to receive a high volume of data and to store and retrieve it in a timely manner.

ADVISORY SERVICES

Section 1A-106 of the Illinois Pension Code states, “The Division shall render advisory services to the pension funds on all matters pertaining to their operations and shall recommend any corrective or clarifying legislation that it may deem necessary.” The section also states, “The recommendations may embrace all substantive legislative and administrative policies, including, but not limited to, matters dealing with the payment of annuities and benefits, the investment of funds, and the condition of the books, records, and accounts of the pension fund.”

Through the Advisory Services program, the Division provides a variety of services to the pension funds established under the Illinois Pension Code. This includes:

- Participating in training workshops, seminars, and conferences of various organizations representing trustees and participants to clarify pension issues and to assist trustees in meeting continuing education requirements
- Responding to requests for assistance including formal replies
- Maintaining a toll-free number for use by trustees, municipal officials and the public
- Recommendations to the pension funds to make policy and procedural changes and other corrective actions to achieve compliance with the Illinois Pension Code
- Making available online resources for trustees and participants on the Department of Insurance’s website
- Providing updates on legislation, annual statement issues and other information through electronic mailings and posting on the Division’s website

ACTUARIAL SERVICES

Sections 3-125 and 4-118 of the Illinois Pension Code state an enrolled actuary employed by the Department or an enrolled actuary retained by the pension fund or municipality shall determine the statutorily required minimum annual employer contribution for the suburban and downstate pension funds. (40 ILCS 5/3-125 and 4-118). The Division maintains a contract with an enrolled pension actuary (Gabriel, Roeder, Smith & Company (GRS)) to perform the independently developed valuation, which is used to populate the actuarial valuation report for each suburban and downstate pension fund. The assumptions used within these developed reports is based on an experience study conducted by GRS. The experience report is posted on the Division’s website as part of the siren listing dated November 04, 2017.

GRS utilizes the data gathered from the annual statements to generate the Division's posted actuarial valuation for each of the suburban and downstate pension funds. The funds may hire an independent actuary to determine the statutorily required minimum annual employer contribution. The assumptions used by a contractual actuary may differ from the assumptions developed by GRS. As a result, the statutorily required minimum annual employer contribution, as selected by the municipality or pension fund, may differ from the Division's amount. The contractual actuarial valuation report must be filed with the Division within nine months of the end of the fund's fiscal year.

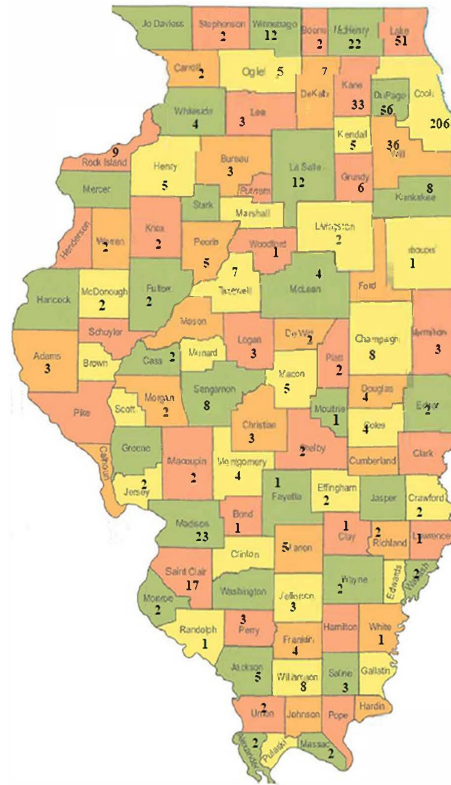
The retirement systems use a contracted actuary to perform their actuarial valuation report. This independently developed actuarial valuation report must be filed with the Division within nine months of the end of their fiscal year, under the requirements of Section 1A- 110 of the Illinois Pension Code. The retirement systems actuarial valuation reports are posted on the Division's Pension Portal Data see, [2017 Retirement Systems' Actuarial Report and 2018 Retirement Systems' Actuarial Report] .

The Illinois Pension Code, the Illinois Administrative Code, Sirens, and Statistical Reports, along with updated information regarding the Division, retirement systems, and pension funds can be accessed at: <https://insurance.illinois.gov/applications/pension/>

The Pension Data Portal, allows access to public documents maintained by the Division including the annual statements filed with the Division and the Complete Profile Report for each pension fund at: <https://insurance.illinois.gov/Applications/Pension/PensionDataPortal.aspx>

The Division continually strives to improve its processes and procedures to ensure the integrity of its examinations and the annual statement data. The Division continuously works on improvements to P.A.S.S. while making useful data available to the public and keeping the fund trustees informed in order to facilitate a greater understanding of the responsibilities and requirements under the Illinois Pension Code.

The following map depicts the number of retirement systems and pension funds located within each county: (Note: Fire Protection Districts and some municipalities are classified by headquarters zip code if they span multiple counties.)



The ten lowest and highest actuarially funded Article 3 and Article 4, Suburban and Downstate Pension Funds, are represented below (data is based on zip code as reported for fiscal year 2018.)
 For a complete list of the funds by zip code review Appendix B. For a complete picture the reader should review the actuarial components.

Lowest

Zip Code	Count of Active Members	Count of Pensioners & Beneficiaries	Number of Pension Funds	Actuarial Assets	Actuarial Liabilities	Unfunded Actuarial Liabilities	Actuarial Funding Percentage
61913	0	1	1	8,146	82,862	74,716	9.83%
62914	6	26	2	1,318,425	10,724,509	9,406,084	12.29%
62060	12	14	1	2,137,810	13,197,535	11,059,725	16.20%
60165	10	19	1	4,079,071	22,607,259	18,528,188	18.04%
62202	83	159	2	23,569,625	127,929,187	104,359,562	18.42%
60480	7	14	1	2,484,650	12,989,639	10,504,989	19.13%
62274	7	5	1	864,854	4,319,850	3,454,996	20.02%
61832	102	158	2	31,501,912	147,476,459	115,974,547	21.36%
60633	7	7	1	1,924,454	8,855,010	6,930,556	21.73%
62090	6	9	1	451,758	1,919,625	1,467,867	23.53%

Highest

Zip Code	Count of Active Members	Count of Pensioners & Beneficiaries	Number of Pension Funds	Actuarial Assets	Actuarial Liabilities	Unfunded Actuarial Liabilities	Actuarial Funding Percentage
61115	1	0	1	227,447	101,327	-126,120	224.47%
62901	4	0	1	1,426,910	897,049	-529,861	159.07%
60433	12	8	1	3,665,200	2,600,845	-1,064,355	140.92%
61530	6	0	1	731,481	609,208	-122,273	120.07%
61813	0	1	1	330,615	314,733	-15,882	105.05%
60175	6	0	1	2,202,457	2,122,963	-79,494	103.74%
61866	29	27	1	30,278,487	30,396,963	118,476	99.61%
60544	112	13	2	56,677,581	57,399,096	721,515	98.74%
60950	39	8	2	14,372,947	15,193,578	820,631	94.60%
61607	10	7	1	4,101,607	4,584,522	482,915	89.47%

The Illinois Pension Code is a collection of state laws governing the operation and regulation of Public Pension Funds established in the State of Illinois. There are 24 Articles governing the retirement systems and public pension funds operating in the State of Illinois. Article 1 contains laws that generally apply to all the public retirement systems and the public pension funds. Article 1A outlines the Division's duties and responsibilities. The remaining Articles pertain to laws specifically related to individual or related groups of pension funds. The Pension Division was created by the authority granted under Article 1A [40 ILCS 5/1A-101].

Historical Dates of Importance Pension Changes:

- 1849 – First public safety pension law was passed in Illinois establishing a plan for Chicago fire fighters disabled on duty.
- 1861 – The first pension plan for police officers was established in Chicago.
- 1895 – The first non-public safety pensions were implemented for school teachers and employees.
- 1915 – Law established a Pension Laws Commission. The State Legislature noted that pension laws had not been reviewed nor had the condition of funds created under pension laws been examined. The Pension Laws Commission was created to make investigations and recommendations on the pension laws of Illinois.
- 1919 – First Pension Laws Commission Report was completed and presented to the General Assembly. Among other things, the Pension Laws Commission recommended a standard funding method to endure the financial soundness of the pension systems.
- 1927 – The Illinois State Legislature responded to the initial report by passing an act empowering the Director of Trade and Commerce to examine and report upon pension benefit funds. A new Public Pension report was generated by that agency in 1930.
- 1933 - The Illinois Department of Insurance was invested with the powers previously delegated to the Department of Trade and Commerce.
- 1949 - A division devoted to the regulation of public pensions was established as part of the Illinois Department of Insurance.
- 1963 – The Illinois Pension Code was passed.
- 1970 - The Constitution of the State of Illinois was adopted. Section 5 of Article XIII provides that membership in public pension funds shall be an enforceable contractual relationship.
- 1993 - The Illinois Compiled Statutes changed the citations of the Illinois Pension Code.
- 2008 - Public Act 95-950 was enacted providing that money in state pension funds shall be used for funding the unfunded liabilities, added a fiduciary component and increased accountability imposed on the Board of Trustees.

- 2011 – New classification for pension members (Tier 2) was enacted resulting in modifications to the pension formulas, classifications, and qualifications.
- 2015 – Public Act 99-8 was enacted provided that if an employer failed to transmit required contributions to a public pension fund, the fund may certify to the State Comptroller the amount due. The Comptroller must deduct and deposit into the fund the certified amounts from State payments to the employer.

The following is an overview of changes to Article 1 and Article 1A of the Illinois Pension Code enacted by the 100th General Assembly in years 2017 and 2018. Amendments and additions to the other Articles of the Illinois Pension Code are found in the summary page of each pension fund and retirement system. Public Acts encompassing Articles that are not Article 1 and Article 1A are also included in the summary page of the affected Article.

Public Acts Effective in Fiscal Year 2017

P.A. 99-683 effective July 29, 2016 Added a new section to the Pension Code [40 ILCS 5/1-140], that requires the identification of deceased annuitants by all retirement systems and pension funds except for Article 3 and Article 4 funds by no later than June 30, 2017, and requires a process to identify annuitants who are deceased. A review must be completed at least once a month. The Act provides access to the records in the vital records database at no cost.

Public Acts Effective in Fiscal Year 2018

P.A. 100-23 effective July 6, 2017 The Act amended Sections 1-160, 2-124, 2-134, 6-164, 14-131, 14-135.08, 14-152.1, 15-108.2, 15-155, 15-165, 15-198, 16-158, 16-203, 18-131, and 18-140 and added Sections 1-161, 1-162, 15-155.2, and 16-158.3. The Act created a new tier of benefits for certain members who joined the fund after the effective date of this Act. It allows certain members to choose to retire and collect reduced benefits at an earlier age. It created two new provisions providing optional benefits for certain members under Articles 8, 9, 10, 11, 12, 14, 15, 16, and 17. (Public Act 98-641, the predecessor of this Act, was held unconstitutional in 2016.)

P.A. 100-201 effective August 18, 2017 The Act made technical changes in Sections 1-113, 1-113.4, 1-160, 4-106.1, 4-121, 8-107.2, 8-114, 9-121.6, 11-116, 11-125.5, 18-125, and 22A-111.

P.A. 100-391 effective August 25, 2017 The Act made technical changes in Sections 1-109.1 and 1-113.21.

P.A. 100-542 effective November 8, 2017 The Act added Sections 1-113.22 and 1-113.23 mandating required disclosures from consultants hired by the board of a retirement system, the board of a pension fund, or an investment board about minority-owned businesses, women-owned businesses, businesses owned by persons with a disability, compensation, and economic opportunity received.

P.A. 100-563 effective December 8, 2017 The Act made technical changes in Sections 1-160 and 15-108.2.

P.A. 100-551 effective January 1, 2018 The Act amended Section 1-110.16 by adding expatriated entities (outlined in the Illinois Procurement Code) to the list of transactions prohibited by retirement systems. Mandates that the Illinois Investment Policy Board shall make its best efforts to identify all expatriated entities and include them in a list of restricted companies distributed to each retirement and the State Treasurers. The Act added procedures that retirement systems must follow for restricted companies that are expatriated entities.

P.A. 100-611 effective July 20, 2018 The Act amended Sections 1-160, 14-110, 14-152.1, and 15-106. Adds security employees of the Department of Innovation and Technology to a list of members who are eligible for an alternative retirement annuity under Section 14-110 in lieu of the regular or minimum retirement annuity.

P.A. 100-863 effective August 14, 2018 The Act made technical changes in Sections 1-113.22, 3-143, 7-172, 8-251, 11-223.1, 11-230, and 16-158.

P.A. 100-902 effective August 17, 2018 Adds a provision to Section 1-109.1 requiring pension funds, retirement systems and investment boards to make its best efforts to ensure that the racial and ethnic make-up of its senior administrative staff represents the racial and ethnic makeup of its membership.

P.A. 100-904 effective August 17, 2018 The Act amended Section 1-113.18. Mandates that an elected or appointed trustee under Article 3 or 4 of the Illinois Pension Code can satisfy the requirements of ethics training under Section 1-113.18 by fulfilling the requirements of Section 1-109.3.

P.A. 100-1148 effective December 10, 2018 The Act amended Sections 1A-108, 5-226, 6-220, 21-120, and 22A-109. The Act removed a provision requiring the Public Pension Division to file a copy of the biennial report with the Speaker, the Minority Leader, and the Clerk of the House of Representatives, the President, the Minority Leader, and the Secretary of the Senate, and the Legislative Research Unit.

Public Acts Effective in Fiscal Year 2019

P.A. 100-1166 effective January 4, 2019 Technical reference in Article 1 Section 5/1-160 in references to changes made to Article 11 (Chicago Laborers’) and Article 8 (Chicago Municipal Employees) relating to provisions of new hires at the time of enactment. Includes clarification of certain Tier 2 employees based on: specific election, employee contributions, and employer credits and changes to the direction of annuity to financial institution by adding hold harmless clause, along with clarification on trusts.

Public Acts Effective in Fiscal Year 2020

P.A. 101-81 effective July 12, 2019 A general revisory act which combines multiple versions of sections that were amended by more than one Public Act, renumbers sections from various Acts to eliminate duplication, and corrects obsolete cross-references, technical errors and makes stylistic changes, reference section 5/1-162.

Amendments to The Administrative Code

This section presents amendments and additions to Title 50 of the Illinois Administrative Code that were adopted during Fiscal Year 2017 and Fiscal Year 2018.

Amended under 43 Ill. Reg. 413, effective December 21, 2018 Part 4415.90 Penalties

The amendment mandates that pension funds that are required to pay an annual compliance fee pursuant to Section 4415.20 will be subject to a penalty as set forth in Section 1A-113(c) of the Illinois Pension Code if payment is not made by the fiscal year end of June 30. May also be subject to a civil penalty.

Amended under 43 Ill. Reg. 417, effective December 21, 2018 Part 4435.70 Director’s Determination of Failure to Timely File

Eliminates the unnecessary requirement of holding a hearing before a penalty can be assessed prior to assessing a penalty for the failure to pay its compliance fee and/or filing of the Annual Statement based on the prescribed date.

Amended under 43 Ill. Reg. 417, effective December 21, 2018 Part 4435.80 Hearings to Show Good and Sufficient Cause

Eliminates the unnecessary requirement of holding a hearing with the clarification that pension funds are subject to penalties under Section 4435.50 or .70. A pension fund may request a hearing with the burden of proof placed on the fund, governmental unit, or elected or appointed officials.

Public Acts, the Illinois Pension Code, and the Administrative Code are available at the Illinois General Assembly's website: <http://ilga.gov/legislation/publicacts/default.asp>

RECOMMENDATION FROM THE DIVISION FOR LEGISLATIVE AND ADMINISTRATIVE
CORRECTION

The Division's recommendations for legislative and administrative changes and corrections during the next biennial period is based on a need to amend several code sections for consistency across Article 3 and Article 4 and a reduction of overall costs. Section 1A-108 of the Illinois Pension Code specifically provides that the "report shall also include ... any specific recommendations for legislative and administrative corrections that the Division deems necessary. The report may embody general recommendations concerning desirable changes in any existing pension, annuity, or retirement laws designed to standardize and establish uniformity in their basic provisions and to bring about an improvement in the financial condition of the pension funds." (40 ILCS 5/1A-108). The recommendations are in no specific order, nor are they mutually exclusive. The recommendations are based on current practices and observations. These changes enhance procedural and enforcement powers, increase efficiencies and may reduce long-term accrued pension liability.

The Division's recommendations for the next biennial period are as follows:

- 1) **Audit Cycle:** Recommends an amendment to the audit cycle from the current cycle to a ten-year cycle with the inclusion of a risk-review examination process. The recommended risk-review process would entail periodic reviews focusing on high-risk compliance issues having a material impact on the pension funds. Risk-review may include ratio and trend analysis, risk factors such as, a lack of policy and procedures, board composition, liquidity shortfalls, investment shortfalls, funding shortfalls, large fluctuations in expenditures, and outliers in benefit awards. The recommendation will result in expanded efficiency within the Division's limited resources.
- 2) **Enforcement Powers:** Recommends the amendment of section 40 ILCS 5/1A-113(d) of the penalties provision to allow the Attorney General or all State's Attorneys to enforce the automatic monetary penalties for noncompliance, including the failure to file the annual statement. The Division currently has no judicial authority to enforce a penalty, having only the authority to enter an administrative order to impose a fine. The Division must then rely upon a fund to comply. Additionally, there is a recommendation for an administrative hearing fee, along with the repayment of departmental expenditure when a pension fund is deemed to be in noncompliance. The recommendation will reduce overall costs and increase efficiencies.
- 3) **Service Reentry:** Recommends amending the pension code to prevent re-entry in the same municipality as the pension fund. This would prevent a retired police officer or a firefighter from receiving pension payments while actively working in the same/similar role or function previously held as an active police officer or

firefighter. The recommendation will reduce future pension liability.

- 4) **Board Composition:** Recommends changes in board composition provisions for suburban and downstate funds with three or less participants. Funds in this category may not be able to comply with board management requirements due to a limited pool of participants. A fund with three or less participants should be given an option to reduce the board size to three trustees, to include one participant if the participant is unwilling or unable to serve on the board, it is recommended that the municipality be allowed to appoint a third trustee. The recommendation will result in greater governance within small pension funds.
- 5) **Article 3 Board Composition:** Recommends amending the statutory board composition provision in Article 3 for suburban and downstate police pension funds to add the requirement that the municipal treasurer serve as the treasurer of the police pension fund. This recommendation aligns with provisions in Article 4 for suburban and downstate firefighter pension funds. There is no regulatory language requiring the treasurer to review and approve the beneficiary calculations prior to the acceptance of the benefit amount by the pension fund board. The recommendation would allow for a formal review of the pension calculation, along with the corresponding documentation that is presented to the board of trustees.
- 6) **Consolidation:** Recommends that the investment assets of the suburban and downstate pension funds be consolidated on a municipal or statewide level, if economically feasible. The Division believes that, at minimum, this type of consolidation may: 1) increase investment returns and reduce investment expenditures incurred by individual pension funds 2) allows pension funds to pool investment assets potentially increasing return rates 3) allow for greater independence of the Board and investment professionals while reducing the redundancy of having multiple investment policies, consultants, and advisors 4) expands allowable investment options. The overall taxing, accounting authority, and benefit payment would remain with the municipality. The recommendation may result in increased return rates and expanded investment options with a reduction of cost as a result of an economy of scale and higher accountability.
- 7) **Board Trustee Duties:** Recommends the inclusion of the specific pension information within the pension funds' board minutes: all pension benefits approved should be formally listed in the minutes with the amounts, years of service, type of benefit and salary used for the calculation, the prior years' salary information, date of approval, and trustees' signatures. Additional recommendation to amend the statutory board duties to explicitly require a trustee to recuse themselves from voting on their pension/disability benefit, or a pension of a family member or when any other conflict of interest may be present. Additionally, if a trustee does not recuse themselves, the pension may be voided. The recommendations will result in greater efficiencies and accountability.
- 8) **Annual Beneficiary Review:** Recommends that Article 3 and Article 4 be amended to add a provision requiring the identification of deceased participants by all the

pension funds on an annual basis. This can be done by granting the pension funds the ability to access the records in the State vital records database at no cost to the pension fund. This recommendation will strengthen the integrity of the data and allow for faster turnaround time when a beneficiary passes away. Further, the recommendation is prudent given the Tier 2 pension benefit variance between a member and beneficiary. The recommendation will result in increased efficiencies and accountability.

- 9) **Mistakes in Benefits:** Recommends the expansion of the definition of “mistake” to account for a material error in the components in a pension calculation. Currently, a correction is only allowed if a mistake was a clerical or an administrative error at the time of retirement. The recommendation will result in a reduction in the pension liability.
- 10) **Financing:** Recommends the clarification of the funding contribution valuation report that must be used by the pension funds to reach the mandated 90% of the total actuarial liabilities. Pension funds may use different valuations annually, either a contractual actuarial valuation (municipality or fund) or the Division’s developed report. The recommendation will clarify the annual requirement and allow for better planning and accountability.
- 11) **Pension Code Modifications:** Recommends amending the Code to clarify definitions, expanding allowable investment options and to account for changes in a Tier 2 member’s pension. These changes include: amending the allowable investment options for an Article 3 and Article 4 pension fund to incorporate additional investment options as may be appropriate to maintain sufficient liquidity (accounting for six months of benefit payments and reasonable and necessary expenditures), modifying Article 4 reciprocity provisions, reviewing the disability benefit provisions and modifying the refund provisions.
- 12) **Dissolution/Inactive Pension Funds:** Recommends amending the dissolution section of the police and fire pension funds to allow municipalities/fire protection districts to discontinue the acceptance of new member applications in a pension fund when the inhabitants go below 5,000 based on the current census. The liabilities and pension obligations will remain for all current members/beneficiaries. The recommendation allows for a reduction in future liabilities, as no new members would be part of the fund.
- 13) **Minimal Population Requirement:** Recommends amending Article 3 and Article 4 minimal population requirements of a municipality or a fire protection district. Article 4 allows for the formation of a pension fund if there is just one full-time firefighter, regardless of the number of inhabitants. The formation of a pension fund should be increased to a minimum requirement of 30,000 inhabitants. Additionally, the code as written does not incorporate tax paying entities, which may be a more accurate tax base when considering long-term pension liability. The recommendation will reduce the number of future pension funds and the related pension liability.

AGGREGATED FIVE-YEAR PROFILE REPORTS

The following presents statistical, financial, and actuarial summary data of all retirement systems and pension funds in the State of Illinois. The profile reports show the overall condition of the retirement systems' and pension funds' operations. The financial and statistical information presented was compiled from annual reports submitted to the Division by each fund or system as required by Section 1A-109 of the Illinois Pension Code. The retirement systems submitted actuarial data obtained from their independent actuaries. The actuarial data of the suburban and downstate funds was collected and prepared by the Division. This report does not include data from any report from actuaries employed by a municipality or a suburban and downstate pension fund.

All amounts presented in this section are as of the close of the most recently completed fiscal year ended 2018, as reported to the Division and as certified by the filing party. The Division is not able to independently verify the data filed. However, the data is reviewed for reasonableness prior to the Division's acceptance of the annual statement. The retirement systems and pension funds are required to be examined by an independent certified public accountant and to submit the audit report to the Division prior to the Division's acceptance of the annual statement. Additionally, in fiscal year 2016 and 2017, the retirement systems experienced a change in fund balance. Their adjustments are noted within the individual audited financial statements, and the reader is directed to review the changes.

The following 9 pension funds did not submit their 2018 annual statements in time for inclusion in the biennial report: Centreville Police Pension Fund (multiple years), Justice Firefighters Pension Fund, Justice Police Pension Fund, River Grove Police Pension Fund, Robbins Firefighters Pension Fund (multiple years), Robbins Police Pension Fund (multiple years), Streator Firefighters Pension Fund, Washington Park Firefighters Pension Fund (multiple years) and Willow Springs Firefighters Pension Fund . These funds were sent notices and orders. The summaries below are based on 651 annual statements for fiscal year 2017 and 647 annual statements in fiscal year 2018. Data will change over time as pension funds submit or modify their annual statement. Fiscal year 2016 through Fiscal year 2014 are considered complete.

The summaries are summarized based on the retirement systems and pension funds geographical area. The Division provides a disclaimer that the report is compiled from data reported in the fund's annual statement to the Department of Insurance under 40 ILCS 5/1A-109. It is recommended that for a complete understanding of the individual retirement system or pension funds the reader should review the statistical, financial, and actuarial data relating to the entities.

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SUMMARY REPORT OF THE ILLINOIS RETIREMENT SYSTEMS AND PENSION FUNDS

	2018	2017	2016	2015	2014
Total Active Participants	602,679	589,333	591,731	597,084	598,073
Service Retirements	441,590	430,000	418,419	405,709	393,455
Nonduty Disability	5,124	5,240	5,431	4,575	5,737
Duty Disability	3,381	3,464	3,474	3,468	3,436
Occupational Disability	259	260	273	286	295
Dependent	66,163	65,079	64,095	63,969	62,718
Total Beneficiaries	516,517	504,043	491,692	478,007	465,641
<u>Salary and Benefits</u>					
Total Active Participants - Salary	35,059,045,625	33,616,543,780	33,413,678,932	33,365,402,750	32,915,245,510
Service Retirements - Benefits	17,927,659,039	16,988,154,008	16,095,108,421	15,282,666,061	14,453,590,093
Non-duty Disability - Benefits	133,643,941	133,247,170	131,195,220	130,430,321	130,725,335
Duty Disability - Benefits	158,323,633	157,372,796	152,884,978	149,377,677	142,383,140
Occupational Disability - Benefits	15,623,034	15,468,492	16,111,472	16,603,681	16,495,628
Dependent	1,214,338,343	1,143,776,681	1,074,673,931	1,013,760,622	903,472,794
Total - Benefits	19,449,587,990	18,438,019,147	17,469,974,022	16,592,838,361	15,646,666,989
<u>Averages</u>					
Average Salary	58,172	57,042	56,468	55,881	55,035
Average Service Benefit	40,598	39,507	38,466	37,669	36,735
Average Non-duty Disability Benefit	26,082	25,429	24,157	28,509	22,786
Average Duty Disability Benefit	46,827	45,431	44,008	43,073	41,439
Average Occupational Disability Benefit	60,321	59,494	59,016	58,055	55,917
Average Dependent	18,354	17,575	16,767	15,848	14,405
Average - All Benefits	37,655	36,580	35,530	34,713	33,602
<u>Actuarial Valuation</u>					
Actuarial Value of Assets	185,074,261,937	177,977,657,930	170,252,111,909	163,994,108,904	154,314,762,764
Actuarial Value of Liabilities	385,299,158,366	368,333,961,955	355,463,957,068	332,197,382,569	316,555,231,028
Unfunded Actuarial Liabilities	200,224,896,429	190,356,304,025	185,211,845,159	168,203,273,665	162,240,468,264
Actuarial Funding Percentage	48.03%	48.32%	47.90%	49.37%	48.75%
<u>Assets and Liabilities</u>					
Cash and Cash Equivalents	1,630,316,738	1,939,449,636	1,750,755,155	2,250,396,667	1,748,189,558
Investments, at Fair Value	179,623,179,116	177,807,359,952	162,607,900,608	161,422,322,183	165,042,641,479
Receivables and Prepays	9,480,483,132	13,766,736,127	8,494,121,820	8,951,348,414	8,264,200,424
Fixed Assets	48,080,820	36,619,269	33,380,015	42,216,660	38,567,104
Total Assets	190,782,059,805	193,550,164,984	172,886,157,598	172,666,283,924	175,093,598,564
Liabilities	13,533,160,901	19,126,391,520	14,671,801,841	14,246,401,889	16,843,316,238
Net Assets	177,248,898,904	174,423,773,464	158,214,355,757	158,419,882,036	158,250,282,327
<u>Revenues</u>					
From Municipality	12,597,071,965	11,942,109,014	11,300,400,255	10,665,969,544	9,939,161,998
From Members	2,852,367,657	2,732,570,369	2,592,473,831	2,749,334,053	2,673,827,515
From Investment	6,607,532,559	21,969,482,079	5,215,984,740	4,663,243,690	18,010,786,224
Other Revenue	35,139,066	32,290,241	24,716,331	24,942,572	15,596,933
Total Revenue	22,092,111,246	36,676,451,703	19,133,575,157	18,103,489,859	30,639,372,669
<u>Expenses</u>					
Pensions and Benefits	20,056,767,975	19,198,122,138	18,097,174,215	17,148,174,227	16,195,388,568
Investment Expense	1,206,103,375	1,117,952,534	1,079,853,942	661,621,328	629,691,940
Professional Services	14,664,918	14,197,860	13,164,909	12,111,421	11,002,775
Other Expenses	140,573,744	134,313,141	144,684,127	140,932,387	122,561,523
Total Expense	21,418,110,012	20,464,585,674	19,334,877,192	17,962,839,364	16,958,644,807
Net Change (Rev - Exp)	674,001,234	16,211,866,029	(201,302,035)	140,650,495	13,680,727,863
Total Retirement Systems	15	15	15	15	15
Article 3 Suburban & Downstate Police Pension Funds	353	355	357	357	357
Article 4 Suburban & Downstate Firefighters Pension Funds	294	296	296	297	298
Total	662	666	668	669	670

Professional Services was not included in the prior biennial report. Beginning fund balances changed in prior years, see retirement systems financial statements.

SUMMARY REPORT OF THE FIFTEEN ILLINOIS RETIREMENT SYSTEMS

	2018	2017	2016	2015	2014
Total Active Participants	580,459	567,051	569,446	574,765	575,719
Service Retirements	428,234	417,132	405,982	393,681	381,805
Nonduty Disability	4,665	4,787	4,988	4,152	5,323
Duty Disability	1,275	1,406	1,460	1,487	1,517
Occupational Disability	123	121	134	143	145
Surviving Spouses	61,838	60,781	59,968	59,207	58,621
Other	667	685	611	1,302	693
Total Beneficiaries	496,802	484,912	473,143	459,972	448,104
Total Active Participants - Salary	33,078,899,939	31,676,698,752	31,512,315,599	31,502,970,642	31,093,879,894
Service Retirements - Benefits	17,016,182,930	16,138,972,878	15,301,827,105	14,541,669,307	13,763,346,715
Non-duty Disability - Benefits	117,766,020	117,983,039	116,711,169	117,083,692	117,853,640
Duty Disability - Benefits	55,413,112	59,601,238	59,920,979	60,714,412	59,321,246
Occupational Disability - Benefits	7,713,992	7,562,863	8,427,051	9,009,595	8,911,903
Surviving Spouses - Benefits	1,076,113,309	1,013,461,598	954,298,779	901,179,165	797,688,705
Other Beneficiaries - Benefits	8,154,856	7,728,428	6,594,744	6,326,698	6,095,208
Total - Benefits	18,281,344,219	17,345,310,044	16,447,779,827	15,635,982,869	14,753,217,417
Average Salary	56,987	55,862	55,339	54,810	54,009
Average Service Benefit	39,736	38,690	37,691	36,938	36,048
Average Non-duty Disability Benefit	25,245	24,647	23,398	28,199	22,140
Average Duty Disability Benefit	43,461	42,391	41,042	40,830	39,104
Average Occupational Disability Benefit	62,715	62,503	62,888	63,004	61,461
Average Surviving Spouse Benefit	17,402	16,674	15,913	15,221	13,608
Average Other Benefit	12,226	11,282	10,793	4,859	8,795
Average - All Benefits	36,798	35,770	34,763	33,993	32,924
Actuarial Valuation:					
Actuarial Value of Assets	170,081,328,332	163,648,580,935	156,749,043,222	151,133,790,684	142,190,325,440
Actuarial Value of Liabilities	357,957,920,295	342,472,352,612	332,009,209,616	309,795,147,687	295,207,902,661
Unfunded Actuarial Liabilities	187,876,591,963	178,823,771,677	175,260,166,394	158,661,357,003	153,017,577,221
Actuarial Funding Percentage	47.51%	47.78%	47.21%	48.79%	48.17%
Cash and Cash Equivalents	1,105,451,692	1,368,330,305	1,220,488,057	1,727,932,637	1,177,400,511
Investments, at Fair Value	165,865,638,922	164,224,609,978	150,364,308,497	149,444,983,493	153,494,155,026
Receivables and Prepaids	9,358,593,544	13,653,377,114	8,379,176,941	8,840,467,818	8,138,281,764
Fixed Assets	43,129,532	33,515,979	29,835,275	38,596,216	33,013,274
Total Assets	176,372,813,690	179,279,833,376	159,993,808,771	160,051,980,163	162,842,850,575
Liabilities	13,504,908,439	19,099,188,064	14,641,999,385	14,210,689,420	16,807,531,098
Net Assets	162,867,905,251	160,180,645,312	145,351,809,386	145,841,290,743	146,035,319,477
From Municipality	11,617,112,575	11,081,820,672	10,520,672,399	9,903,974,687	9,265,638,599
From Members	2,652,319,126	2,535,918,584	2,400,065,424	2,560,883,584	2,489,256,131
From Investment	6,427,862,445	20,510,762,412	4,843,759,270	4,276,357,429	17,179,305,467
Other Revenue	33,339,831	31,207,823	21,592,974	22,031,533	16,698,748
Total Revenue	20,730,633,976	34,159,709,490	17,786,090,067	16,763,247,234	28,950,898,945
Service Retirements	16,214,426,067	15,387,127,831	14,751,124,249	13,962,052,204	13,196,163,858
Nonduty Disability	127,427,663	126,818,938	128,891,934	128,762,120	130,787,166
Duty Disability	68,218,406	69,779,281	67,479,575	70,577,808	68,710,019
Occupational Disability	8,670,991	9,260,412	10,171,035	10,691,113	10,540,967
Surviving Spouses	1,008,332,870	945,915,132	900,328,920	850,539,139	803,672,503
Other Beneficiaries	1,062,336,882	995,469,116	865,308,382	821,522,214	730,930,016
Death Benefits	49,449,222	46,009,673	41,004,913	38,761,267	38,084,162
Refund of Contributions	368,918,639	539,487,266	331,232,588	325,076,953	335,319,845
Investment Expenses	1,170,203,652	1,083,126,794	1,046,285,616	628,006,204	595,514,981
All Other	133,828,705	127,879,123	133,744,213	121,286,945	116,010,963
Total Expense	20,211,813,097	19,330,873,565	18,275,571,425	16,957,275,968	16,025,734,480
Net Change (Rev - Exp)	518,820,880	14,828,835,925	(489,481,357)	(194,028,734)	12,925,164,465

SUMMARY OF ARTICLE 3 AND ARTICLE 4 SUBURBAN AND DOWNSTATE PENSION FUNDS

	2018	2017	2016	2015	2014
Total Active Participants	22,220	22,282	22,285	22,319	22,354
Active Tier 1	15,397	16,426	17,363	18,250	19,193
Active Tier 2	6,823	5,856	4,922	4,069	3,161
Inactive Participants Excludes Terminated/ Deferred	20,550	19,910	19,252	18,660	18,105
Service Member Salary Active Tier 1	1,481,462,329	1,529,842,052	1,572,173,329	1,603,724,887	1,631,178,096
Service Member Salary Active Tier 1	498,683,357	410,002,976	329,190,004	258,707,221	190,187,520
Total Average Active Salary	89,115	87,059	85,320	83,446	81,478
Average Active Salary Tier 1	96,218	93,135	90,547	87,875	84,988
Average Active Salary Tier 2	73,089	70,014	66,881	63,580	60,167
Total Salary	1,980,145,686	1,939,845,028	1,901,363,333	1,862,432,108	1,821,365,616
Number Of Pensioners (Excludes Deferred)	19,715	19,131	18,549	18,035	17,537
Average Current Benefit	59,257	57,117	55,108	53,055	50,947
Number Of Disability Pensioners	2,701	2,650	2,596	2,547	2,483
Number Of Duty Disability	2,106	2,058	2,014	1,981	1,919
Number Of Nonduty Disability	459	453	443	423	414
Number Of Occupational Disability	136	139	139	143	150
Total Average Disability Benefits	46,908	45,638	44,350	43,033	41,690
Average Benefit Duty Disability	48,865	47,508	46,159	44,757	43,284
Average Benefit Nonduty Disability	34,592	33,696	32,695	31,552	31,091
Average Benefit Occupational Disability	58,155	56,875	55,284	53,105	50,558
Benefit Expense Service Benefits	911,476,109	849,181,131	793,281,316	740,996,754	690,243,377
Number Of Service Pensioners	13,356	12,868	12,437	12,028	11,650
Average Current Benefits	68,245	65,992	63,784	61,606	59,248
Benefit Other Expense	130,070,178	122,586,655	113,780,408	106,254,759	99,688,881
Number Of Other Beneficiaries / Pensioners	3,658	3,613	3,516	3,460	3,404
Average Current Benefits	35,558	33,929	32,361	30,709	29,286
Number Of Deferred Pensioners	835	779	703	625	568
Actuarial Valuation:					
Actuarial Value Of Assets	14,992,933,605	14,329,076,995	13,503,068,687	12,860,318,220	12,124,437,324
Actuarial Value Of Liabilities	27,341,238,071	25,861,609,343	23,454,747,452	22,402,234,882	21,347,328,367
Unfunded Actuarial Liabilities	12,348,304,466	11,532,532,348	9,951,678,765	9,541,916,662	9,222,891,043
Actuarial Funding Percentage	54.84%	55.41%	57.57%	57.41%	56.80%
Cash, Now, Money Market	524,865,045	571,119,332	530,267,098	522,464,030	570,789,047
Fixed Instruments	5,129,522,338	4,904,228,061	4,656,061,589	4,616,555,257	4,527,948,345
Equities	8,628,017,855	8,678,521,914	7,587,530,522	7,360,783,433	7,020,538,107
Receivables	121,889,588	113,359,013	114,944,879	110,880,597	125,918,660
Other Assets	4,951,288	3,103,290	3,544,740	3,620,445	5,553,830
Total Assets	14,409,246,115	14,270,331,609	12,892,348,827	12,614,303,761	12,250,747,989
Liabilities	28,252,462	27,203,456	29,802,456	35,712,469	35,785,140
Net Present Assets - Market Value	14,380,993,653	14,243,128,153	12,862,546,371	12,578,591,293	12,214,962,849
From Municipality	979,959,390	860,288,342	779,727,855	761,994,857	673,523,399
From Member	200,048,531	196,651,786	192,408,407	188,450,469	184,571,383
Other Revenue	1,799,235	1,082,418	3,123,357	2,911,038	(1,101,815)
Total Revenue	1,181,807,156	1,058,022,545	975,259,619	953,356,364	856,992,967
Realized Investment Income/(Loss)	537,029,543	492,923,143	402,335,009	450,528,360	468,069,324
Unrealized Investment Income/(Loss)	(357,359,429)	965,796,525	(30,109,538)	(63,642,099)	363,411,433
Less Investment Fees	35,899,723	34,825,741	33,568,326	33,615,124	34,176,959
Net Investment Income	143,770,391	1,423,893,927	338,657,145	353,271,137	797,303,798
Pensions and Benefits	1,148,987,235	1,078,254,490	1,001,632,619	940,191,408	881,180,032
Professional Services	14,664,918	14,197,860	13,164,909	12,111,421	11,002,775
Other Expenses	6,745,039	6,434,019	10,939,914	19,645,442	6,550,561
Total Expenses	1,170,397,192	1,098,886,368	1,025,737,442	971,948,272	898,733,368
Net Change (Rev - Exp)	155,180,354	1,383,030,104	288,179,322	334,679,229	755,563,398
Number of Funds Reported	647	651	653	654	655
Article 3 Suburban and Downstate Police Pension Funds	353	355	357	357	357
Article 4 Suburban and Downstate Firefighters Pension Funds	294	296	296	297	298

SUMMARY REPORT OF THE SIX CHICAGO RETIREMENT SYSTEMS

	2018	2017	2016	2015	2014
Total Active Participants	84,064	83,352	82,709	83,061	83,452
Service Retirements	64,372	63,830	63,130	62,388	61,739
Nonduty Disability	687	707	730	736	755
Duty Disability	662	787	835	858	884
Occupational Disability	118	117	133	142	144
Surviving Spouses	13,412	13,448	13,418	13,476	13,717
Other	567	589	586	618	672
Total Beneficiaries	79,818	79,478	78,832	78,218	77,911
Total Active Participants - Salary	5,816,525,803	5,661,976,779	5,626,310,688	5,655,562,963	5,588,659,555
Service Retirements - Benefits	3,328,544,465	3,199,210,893	3,064,334,300	2,933,853,601	2,854,802,904
Non-duty Disability - Benefits	23,343,363	25,039,481	25,266,050	25,768,149	25,234,456
Duty Disability - Benefits	34,191,482	38,839,989	39,953,372	41,601,334	41,197,233
Occupational Disability - Benefits	7,518,383	7,399,777	8,427,050	9,009,594	8,911,902
Surviving Spouses - Benefits	255,924,291	248,732,630	238,504,942	229,154,194	169,754,161
Other Beneficiaries - Benefits	2,900,189	2,917,390	2,901,313	2,977,016	2,992,836
Total - Benefits	3,652,422,173	3,522,140,160	3,379,387,027	3,242,363,888	3,102,893,492
Average Salary	69,192	67,929	68,025	68,089	66,969
Average Service Benefit	51,708	50,121	48,540	47,026	46,240
Average Non-duty Disability Benefit	33,979	35,417	34,611	35,011	33,423
Average Duty Disability Benefit	51,649	49,352	47,848	48,486	46,603
Average Occupational Disability Benefit	63,715	63,246	63,361	63,448	61,888
Average Surviving Spouse Benefit	19,082	18,496	17,775	17,005	12,375
Average Other Benefit	5,115	4,953	4,951	4,817	4,454
Average - All Benefits	45,759	44,316	42,868	41,453	39,826
Actuarial Valuation:					
Actuarial Value of Assets	21,274,625,206	21,336,227,071	20,985,297,230	21,131,296,124	20,778,514,331
Actuarial Value of Liabilities	62,897,357,037	60,398,739,989	56,718,695,299	53,888,611,666	50,182,950,045
Unfunded Actuarial Liabilities	41,622,731,831	39,062,512,918	35,733,398,069	32,757,315,542	29,404,435,714
Actuarial Funding Percentage	33.82%	35.33%	37.00%	39.21%	41.41%
Cash and Cash Equivalents	158,992,552	510,774,159	88,396,143	722,600,755	70,859,096
Investments, at Fair Value	20,152,332,549	21,067,756,665	20,598,266,670	20,740,858,637	23,312,795,082
Receivables and Prepays	1,906,556,342	1,747,040,164	1,259,171,023	1,372,032,510	869,153,784
Fixed Assets	1,479,278	1,318,426	1,157,320	1,259,499	1,978,213
Total Assets	22,219,360,721	23,326,889,414	21,946,991,157	22,836,751,400	24,254,786,175
Liabilities	1,822,596,084	2,066,274,274	1,953,994,008	1,647,793,651	2,324,090,492
Net Assets	20,396,764,637	21,260,615,140	19,992,997,149	21,188,957,749	21,930,695,683
From Municipality	2,047,177,811	1,787,916,658	1,532,471,816	1,732,302,449	1,131,840,129
From Members	505,122,463	503,765,346	310,318,669	506,052,841	488,740,493
From Investment	483,566,897	2,735,289,097	620,263,610	563,468,596	2,355,054,827
Other Revenue	4,885,195	7,274,045	10,299,434	13,688,270	10,266,585
Total Revenue	3,040,752,365	5,034,245,145	2,473,353,529	2,815,512,157	3,985,902,034
Service Retirements	3,291,291,303	3,165,727,430	3,035,313,000	2,924,236,090	2,828,894,809
Nonduty Disability	24,515,015	26,431,244	26,790,713	27,566,630	26,478,808
Duty Disability	34,900,281	37,617,719	39,097,687	42,204,386	41,081,229
Occupational Disability	8,670,991	9,260,412	10,171,035	10,691,113	10,540,967
Surviving Spouses	242,198,195	231,791,743	223,253,873	216,886,267	211,716,689
Other Beneficiaries	104,834,967	90,636,568	125,799,033	138,573,408	133,092,711
Death Benefits	7,068,017	6,217,442	7,218,117	6,109,232	6,322,654
Refund of Contributions	67,432,143	82,679,831	86,013,487	70,546,659	79,520,311
Investment Expenses	81,304,611	81,400,691	81,648,386	88,493,628	94,403,077
All Other	41,734,292	34,864,075	34,008,799	31,942,677	30,163,555
Total Expense	3,903,949,815	3,766,627,154	3,669,314,130	3,557,250,091	3,462,214,810
Net Change (Rev - Exp)	16,492,814,823	17,493,987,985	16,323,683,019	17,631,707,657	18,468,480,873

Chicago Retirement Systems are: Article 5 Policemen's Annuity and Benefit Fund, Article 6 Firemen's Annuity and Benefit Fund, Article 8 Municipal Employees', Officers' & Officials' Annuity & Benefit Fund, Article 11 Laborers' & Retirement Board Employees' Annuity & Benefit Fund Article 12 Park Employees' and Retirement Board Employees' Annuity and Benefit Fund, Article 17 Public School Teachers' Pension and Retirement Fund

SUMMARY REPORT OF THE FIVE STATE OF ILLINOIS RETIREMENT SYSTEMS

	2018	2017	2016	2015	2014
Total Active Participants	297,839	285,402	288,334	293,596	294,245
Service Retirements	226,585	221,107	215,723	209,411	203,723
Nonduty Disability	3,236	3,285	3,314	3,400	3,462
Duty Disability	600	612	614	615	617
Occupational Disability	5	4	1	1	1
Surviving Spouses	31,648	30,855	30,357	29,774	29,181
Other	76	73	-	-	-
Total Beneficiaries	262,150	255,936	250,009	243,201	236,984
Total Active Participants - Salary	18,185,252,009	17,100,285,590	17,081,894,218	17,145,852,611	17,052,173,587
Service Retirements - Benefits	10,782,130,596	10,222,798,561	9,698,425,737	9,246,326,335	8,724,124,244
Non-duty Disability - Benefits	84,126,030	82,860,624	81,324,916	80,799,526	80,896,051
Duty Disability - Benefits	21,108,312	20,683,970	19,857,854	18,953,827	17,984,234
Occupational Disability - Benefits	195,609	163,086	1	1	1
Surviving Spouses - Benefits	618,893,131	576,012,121	540,174,912	507,705,755	473,890,811
Other Beneficiaries - Benefits	925,767	837,690	-	-	-
Total - Benefits	11,507,379,445	10,903,356,052	10,339,783,420	9,853,785,444	9,296,895,341
Average Salary	61,057	59,916	59,243	58,399	57,952
Average Service Benefit	47,585	46,235	44,958	44,154	42,823
Average Non-duty Disability Benefit	25,997	25,224	24,540	23,765	23,367
Average Duty Disability Benefit	35,181	33,797	32,342	30,819	29,148
Average Occupational Disability Benefit	39,122	40,772	1	1	1
Average Surviving Spouse Benefit	19,556	18,668	17,794	17,052	16,240
Average Other Benefit	12,181	11,475	-	-	-
Average - All Benefits	43,896	42,602	41,358	40,517	39,230
Actuarial Valuation:					
Actuarial Value of Assets	89,627,305,005	85,618,750,755	81,478,018,154	78,130,882,239	72,067,944,548
Actuarial Value of Liabilities	223,301,344,400	214,478,699,371	207,978,347,414	191,028,226,409	183,249,396,884
Unfunded Actuarial Liabilities	133,674,039,395	128,859,948,616	126,500,329,260	112,897,344,170	111,181,452,336
Actuarial Funding Percentage	40.14%	39.92%	39.18%	40.90%	39.33%
Cash and Cash Equivalents	943,070,778	854,023,501	1,127,683,431	1,003,583,300	1,090,721,011
Investments, at Fair Value	94,931,391,572	88,502,170,575	81,450,255,795	82,366,092,919	80,731,315,488
Receivables and Prepaids	6,400,820,131	10,949,146,385	6,089,356,119	6,542,168,655	6,140,290,504
Fixed Assets	17,716,222	17,001,752	16,857,836	15,425,353	14,391,484
Total Assets	102,292,998,703	100,322,342,213	88,684,153,181	89,927,270,227	87,976,718,487
Liabilities	9,969,344,618	14,935,525,885	10,499,697,394	9,910,035,787	9,346,644,112
Net Assets	92,323,654,085	85,386,816,328	78,184,455,787	80,017,234,440	78,630,074,375
From Municipality	7,943,362,990	7,737,813,426	7,503,181,232	7,006,011,910	6,939,801,484
From Members	1,574,975,220	1,475,439,143	1,503,163,098	1,486,190,739	1,498,480,757
From Investment	8,057,317,016	10,273,992,753	653,690,594	3,374,095,116	12,089,859,699
Other Revenue	-	-	-	-	-
Total Revenue	17,575,655,226	19,487,245,322	9,660,034,924	11,866,297,765	20,528,141,940
Service Retirements	10,244,762,340	9,718,413,913	9,239,946,277	8,736,792,619	8,243,602,880
Nonduty Disability	82,466,924	79,800,989	81,950,676	81,285,320	83,220,882
Duty Disability	32,549,937	31,490,330	27,669,347	27,778,864	26,948,923
Occupational Disability	-	-	-	-	-
Surviving Spouses	578,228,393	537,975,779	503,503,176	471,892,656	440,088,170
Other Beneficiaries	660,280,391	620,579,422	582,563,148	535,501,547	497,605,729
Death Benefits	5,267,850	6,591,390	4,015,826	4,880,349	2,215,157
Refund of Contributions	234,123,983	391,815,145	184,810,478	186,653,530	193,217,734
Investment Expenses	918,486,520	843,414,515	813,203,072	380,671,508	352,158,903
All Other	52,902,229	54,803,299	55,151,577	53,681,307	52,856,976
Total Expense	12,809,068,567	12,284,884,782	11,492,813,577	10,479,137,700	9,891,915,354
Net Change (Rev - Exp)	4,766,586,659	7,202,360,540	(1,832,778,653)	1,387,160,065	10,636,226,586

State of Illinois Retirement Systems are: [Article 2 General Assembly Retirement System](#), [Article 14 State Employees' Retirement System](#), [Article 15 State Universities Retirement System](#), [Article 16 Teachers' Retirement System of the State](#), [Article 18 Judges' Retirement System](#)

SUMMARY REPORT OF THE THREE COOK COUNTY RETIREMENT SYSTEMS

	2018	2017	2016	2015	2014
Total Active Participants	22,039	22,732	23,384	24,010	24,054
Service Retirements	18,055	17,678	17,379	17,065	16,550
Nonduty Disability	19	23	12	16	16
Duty Disability	13	7	11	14	16
Occupational Disability	-	-	-	-	-
Surviving Spouses	3,497	3,451	3,429	3,401	3,383
Other	24	23	25	19	21
Total Beneficiaries	21,608	21,182	20,856	20,515	19,986
Total Active Participants - Salary	1,755,642,534	1,786,943,762	1,797,400,429	1,782,217,261	1,720,545,876
Service Retirements - Benefits	872,657,857	823,617,000	780,844,856	737,986,994	688,064,053
Non-duty Disability - Benefits	856,301	631,401	412,706	721,720	820,626
Duty Disability - Benefits	113,318	77,279	109,753	159,251	139,779
Occupational Disability - Bene	-	-	-	-	-
Surviving Spouses - Benefits	85,613,916	80,403,644	74,719,637	70,434,230	66,010,090
Other Beneficiaries - Benefits	143,000	142,000	153,500	116,000	157,500
Total - Benefits	959,384,392	904,871,324	856,240,452	809,418,195	755,192,048
Average Salary	79,661	78,609	76,865	74,228	71,528
Average Service Benefit	48,333	46,590	44,930	43,246	41,575
Average Non-duty Disability Ben	45,068	27,452	34,392	45,108	51,289
Average Duty Disability Benefit	8,717	11,040	9,978	11,375	8,736
Average Occupational Disability	-	-	-	-	-
Average Surviving Spouse Benefi	24,482	23,299	21,791	20,710	19,512
Average Other Benefit	5,958	6,174	6,140	6,105	7,500
Average - All Benefits	44,399	42,719	41,055	39,455	37,786
Actuarial Valuation:					
Actuarial Value of Assets	12,185,960,098	11,808,672,882	11,058,830,184	10,492,730,000	10,263,714,137
Actuarial Value of Liabilities	20,241,622,375	19,718,302,681	19,499,956,374	18,925,980,870	17,930,464,233
Unfunded Actuarial Liabilities	8,055,662,277	7,909,629,799	8,441,126,190	8,433,250,870	7,666,750,096
Actuarial Funding Percentage	60.20%	59.89%	56.71%	55.44%	57.24%
Cash and Cash Equivalents	2,131,153	1,990,166	3,670,431	104,287	274,732
Investments, at Fair Value	12,022,380,566	13,089,147,507	11,590,283,080	11,039,886,075	11,684,101,697
Receivables and Prepaids	517,508,553	562,704,654	545,252,838	500,171,711	501,521,004
Fixed Assets	-	-	-	-	-
Total Assets	12,542,020,272	13,653,842,327	12,139,206,349	11,540,162,073	12,185,897,433
Liabilities	1,145,604,146	1,533,793,962	1,479,747,698	1,418,141,930	1,578,393,859
Net Assets	11,396,416,126	12,120,048,365	10,659,458,651	10,122,020,143	10,607,503,574
From Municipality	679,002,951	652,608,557	551,082,030	265,183,444	270,614,161
From Members	158,319,752	162,966,235	206,198,642	200,634,733	150,945,436
From Investment	(492,779,507)	1,666,394,728	791,654,859	19,050,467	622,321,577
Other Revenue	28,440,786	23,920,578	11,281,200	7,879,213	6,413,006
Total Revenue	372,983,982	2,505,890,098	1,560,216,731	492,747,857	1,050,294,180
Service Retirements	687,017,964	650,140,667	758,820,967	717,531,350	667,054,515
Nonduty Disability	11,005,398	11,135,172	10,443,048	10,115,873	10,184,969
Duty Disability	768,188	671,232	712,541	594,558	679,867
Occupational Disability	-	-	-	-	-
Surviving Spouses	72,224,311	67,834,407	72,672,583	67,875,230	63,834,001
Other Beneficiaries	238,675,487	230,781,187	105,493,150	100,076,346	53,601,847
Death Benefits	4,310,161	4,529,692	-	-	961,637
Refund of Contributions	32,198,346	31,580,218	29,453,438	35,257,924	27,331,707
Investment Expenses	43,437,350	41,447,380	38,148,725	39,825,027	38,304,508
All Other	6,979,016	7,180,429	7,033,771	6,954,980	6,558,780
Total Expense	1,096,616,221	1,045,300,384	1,022,778,223	978,231,288	868,511,831
Net Change (Rev - Exp)	(723,632,239)	1,460,589,714	537,438,508	(485,483,431)	181,782,349

Cook County Retirement Systems are : Article 9 County Employees' and Officers' Annuity and Benefit Fund, Article 10 Forest Preserve District Employees' Annuity and Benefit Fund, Article 13 Metropolitan Water Reclamation District Retirement Fund

SUMMARY REPORT OF THE ILLINOIS MUNICIPAL RETIREMENT FUND

	2018	2017	2016	2015	2014
Total Active Participants	176,517	175,565	175,019	174,098	173,968
Service Retirements	119,222	114,517	109,750	104,817	99,793
Nonduty Disability	723	772	932	-	1,090
Duty Disability	-	-	-	-	-
Occupational Disability	-	-	-	-	-
Surviving Spouses	13,281	13,027	12,764	12,556	12,340
Other	-	-	-	665	-
Total Beneficiaries	133,226	128,316	123,446	118,038	113,223
Total Active Participants - Salary	7,321,479,593	7,127,492,621	7,006,710,264	6,919,337,807	6,732,500,876
Service Retirements - Benefits	2,032,850,012	1,893,346,424	1,758,222,212	1,623,502,377	1,496,355,514
Non-duty Disability - Benefits	9,440,326	9,451,533	9,707,497	9,794,297	10,902,507
Duty Disability - Benefits	-	-	-	-	-
Occupational Disability - Benefits	-	-	-	-	-
Surviving Spouses - Benefits	115,681,971	108,313,203	100,899,288	93,884,986	88,033,643
Other Beneficiaries - Benefits	4,185,900	3,831,348	3,539,931	3,233,682	2,944,872
Total - Benefits	2,162,158,209	2,014,942,508	1,872,368,928	1,730,415,342	1,598,236,536
Average Salary	41,477	40,597	40,034	39,744	38,700
Average Service Benefit	17,051	16,533	16,020	15,489	14,995
Average Non-duty Disability Benefit	13,057	12,243	10,416	#DIV/0!	10,002
Average Duty Disability Benefit	-	-	-	-	-
Average Occupational Disability B	-	-	-	-	-
Average Surviving Spouse Benefit	8,710	8,315	7,905	7,477	7,134
Average Other Benefit	-	-	-	4,863	-
Average - All Benefits	16,229	15,703	15,168	14,660	14,116
Actuarial Valuation:					
Actuarial Value of Assets	46,993,438,023	44,884,930,227	43,226,897,654	41,378,882,321	39,080,152,424
Actuarial Value of Liabilities	51,517,596,483	47,876,610,571	47,812,210,529	45,952,328,742	43,845,091,499
Unfunded Actuarial Liabilities	4,524,158,460	2,991,680,344	4,585,312,875	4,573,446,421	4,764,939,075
Actuarial Funding Percentage	91.22%	93.75%	90.41%	90.05%	89.13%
Cash and Cash Equivalents	1,257,209	1,542,479	738,052	1,644,295	15,545,672
Investments, at Fair Value	38,759,534,235	41,565,535,231	36,725,502,952	35,298,145,862	37,765,942,759
Receivables and Prepaids	533,708,518	394,485,911	485,396,961	426,094,942	627,316,472
Fixed Assets	23,934,032	15,195,801	11,820,119	21,911,364	16,643,577
Total Assets	39,318,433,994	41,976,759,422	37,223,458,084	35,747,796,463	38,425,448,480
Liabilities	567,363,591	563,593,943	708,560,285	1,234,718,052	3,558,402,635
Net Assets	38,751,070,403	41,413,165,479	36,514,897,799	34,513,078,411	34,867,045,845
From Municipality	947,568,823	903,482,031	933,937,321	900,476,884	923,382,825
From Members	413,901,691	393,747,860	380,385,015	368,005,271	351,089,445
From Investment	(1,620,241,961)	5,835,085,834	2,778,150,207	319,743,250	2,112,069,364
Other Revenue	13,850	13,200	12,340	464,050	19,157
Total Revenue	(258,757,597)	7,132,328,925	4,092,484,883	1,588,689,455	3,386,560,791
Service Retirements	1,991,354,460	1,852,845,821	1,717,044,005	1,583,492,145	1,456,611,654
Nonduty Disability	9,440,326	9,451,533	9,707,497	9,794,297	10,902,507
Duty Disability	-	-	-	-	-
Occupational Disability	-	-	-	-	-
Surviving Spouses	115,681,971	108,313,203	100,899,288	93,884,986	88,033,643
Other Beneficiaries	58,546,037	53,471,939	51,453,051	47,370,913	46,629,729
Death Benefits	32,803,194	28,671,149	29,770,970	27,771,686	28,584,714
Refund of Contributions	35,164,167	33,412,072	30,955,185	32,618,840	35,250,093
Investment Expenses	126,975,171	116,864,208	113,285,433	119,016,041	110,648,493
All Other	32,213,168	31,031,320	37,550,066	28,707,981	26,431,652
Total Expense	2,402,178,494	2,234,061,245	2,090,665,495	1,942,656,889	1,803,092,485
Net Change (Rev - Exp)	(2,660,936,091)	4,898,267,680	2,001,819,388	(353,967,434)	1,583,468,306

SUMMARY OF ARTICLE 3 SUBURBAN AND DOWNSTATE POLICE PENSION FUNDS

	2018	2017	2016	2015	2014
Total Active Participants	12,989	13,078	13,114	13,122	13,143
Active Tier 1	8,878	9,523	10,113	10,634	11,211
Active Tier 2	4,111	3,555	3,001	2,488	1,932
Inactive Participants Excludes Terminated	11,570	11,175	10,771	10,428	10,094
Service Member Salary Active Tier 1	848,584,675	880,620,512	908,764,426	926,554,197	944,977,397
Service Member Salary Active Tier 1	296,126,967	244,371,212	197,299,403	155,448,732	114,226,528
Total Average Active Salary	88,129	86,022	84,342	82,457	80,591
Average Active Salary Tier 1	95,583	92,473	89,861	87,131	84,290
Average Active Salary Tier 2	72,033	68,740	65,745	62,479	59,123
Total Salary	1,144,711,642	1,124,991,724	1,106,063,829	1,082,002,929	1,059,203,925
Number Of Pensioners (Excludes Deferred)	11,083	10,709	10,360	10,053	9,752
Average Current Benefit	59,885	57,763	55,814	53,908	51,787
Number Of Disability Pensioners	1,292	1,259	1,216	1,191	1,157
Number Of Duty Disability	977	943	909	894	865
Number Of Nonduty Disability	315	316	307	297	291
Number Of Occupational Disability	0	0	0	0	1
Total Average Disability Benefits	43,205	41,985	40,614	39,569	38,415
Average Benefit Duty Disability	46,162	44,893	43,372	42,253	40,896
Average Benefit Nonduty Disability	34,034	33,306	32,446	31,491	30,990
Average Benefit Occupational Disability	0	0	0	0	53,490
Benefit Expense Service Benefits	535,990,149	498,036,277	466,095,005	436,336,959	406,464,835
Number Of Service Pensioners	7,920	7,613	7,363	7,125	6,893
Average Current Benefits	67,676	65,419	63,302	61,240	58,968
Benefit Other Expense	71,892,966	67,687,155	62,748,820	58,478,229	54,119,180
Number Of Other Beneficiaries / Pensioners	1,871	1,837	1,781	1,737	1,702
Average Current Benefits	38,425	36,847	35,232	33,666	31,797
Number Of Deferred Pensioners	487	466	411	375	342
Actuarial Valuation:					
Actuarial Value Of Assets	8,697,304,663	8,302,540,282	7,825,857,389	7,447,425,227	7,022,610,395
Actuarial Value Of Liabilities	15,777,173,620	14,915,659,361	13,519,624,188	12,908,866,979	12,288,956,806
Unfunded Actuarial Liabilities	7,079,868,957	6,613,119,079	5,693,766,799	5,461,441,753	5,266,346,411
Actuarial Funding Percentage	55.13%	55.66%	57.89%	57.69%	57.15%
Assets and Liabilities					
Cash, Now, Money Market	326,087,999	337,049,357	324,575,766	312,155,696	330,744,257
Fixed Instruments	2,960,522,618	2,831,238,307	2,701,178,898	2,668,438,312	2,612,064,156
Equities	5,013,203,671	5,026,599,713	4,373,834,514	4,267,072,129	4,067,591,929
Receivables	69,703,909	64,441,285	66,522,720	61,382,483	72,663,836
Other Assets	2,299,331	2,236,285	2,143,922	2,158,502	2,402,201
Total Assets	8,371,817,526	8,261,564,946	7,468,255,820	7,311,207,123	7,085,466,379
Liabilities	15,482,380	15,533,310	15,669,044	18,180,081	18,974,205
Net Present Assets - Market Value	8,356,335,146	8,246,031,636	7,452,586,775	7,293,027,042	7,066,492,173
From Municipality	561,701,749	488,107,015	445,596,830	429,164,018	380,857,604
From Member	119,781,730	118,355,071	115,595,335	113,596,669	111,434,929
Other Revenue	992,743	622,114	687,531	596,452	92,408
Total Revenue	682,476,222	607,084,200	561,879,696	543,357,139	492,384,941
Realized Investment Income/(Loss)	311,534,712	290,854,383	238,640,661	264,195,111	257,097,427
Unrealized Investment Income/(Loss)	(180,318,706)	546,378,455	(37,906,249)	(22,217,171)	222,496,662
Less Investment Fees	21,359,320	20,542,021	19,593,456	19,467,954	19,877,886
Net Investment Income	109,856,687	816,690,817	181,140,957	222,509,986	459,716,203
Pensions and Benefits	654,128,215	614,747,052	570,011,533	536,303,354	501,087,034
Professional Services	8,142,764	8,009,806	7,381,909	6,643,037	6,107,055
Other Expenses	4,099,896	3,903,036	3,856,107	10,574,370	3,958,004
Total Expenses	666,370,875	626,659,894	581,249,549	553,520,761	511,152,093
Net Change (Rev - Exp)	125,962,033	797,115,123	161,771,104	212,346,365	440,949,051
Number of Funds Reported	353	355	357	357	357

Note : prior year disability included the disability beneficiaries with a disability component

SUMMARY OF ARTICLE 4 SUBURBAN AND DOWNSTATE FIREFIGHTERS PENSION FUNDS

	2018	2017	2016	2015	2014
Total Active Participants	9,231	9,204	9,171	9,197	9,211
Active Tier 1	6,519	6,903	7,250	7,616	7,982
Active Tier 2	2,712	2,301	1,921	1,581	1,229
Inactive Participants Excludes Terminated	8,980	8,735	8,481	8,232	8,011
Service Member Salary Active Tier 1	632,877,654	649,221,540	663,408,903	677,170,690	686,200,699
Service Member Salary Active Tier 1	202,556,390	165,631,764	131,890,601	103,258,489	75,960,992
Total Average Active Salary	90,503	88,533	86,719	84,857	82,745
Average Active Salary Tier 1	97,082	94,049	91,505	88,914	85,969
Average Active Salary Tier 2	74,689	71,983	68,657	65,312	61,807
Total Salary	835,434,043	814,853,304	795,299,504	780,429,179	762,161,690
Number Of Pensioners (Excludes Deferred)	8,632	8,422	8,189	7,982	7,785
Average Current Benefit	58,450	56,296	54,215	51,981	49,893
Number Of Disability Pensioners	1,409	1,391	1,380	1,356	1,326
Number Of Duty Disability	1,129	1,115	1,105	1,087	1,054
Number Of Nonduty Disability	144	137	136	126	123
Number Of Occupational Disability	136	139	139	143	149
Total Average Disability Benefits	50,303	48,945	47,642	46,075	44,548
Average Benefit Duty Disability	51,205	49,720	48,451	46,816	45,244
Average Benefit Nonduty Disability	35,814	34,595	33,259	31,697	31,329
Average Benefit Occupational Disability	58,155	56,875	55,284	53,105	50,538
Benefit Expense Service Pensioners	375,485,960	351,144,854	327,186,311	304,659,794	283,778,542
Number Of Service Pensioners	5,436	5,255	5,074	4,903	4,757
Average Current Benefits	69,074	66,821	64,483	62,137	59,655
Benefit Other Expense	58,177,212	54,899,501	51,031,588	47,776,530	45,569,701
Number Of Other Beneficiaries / Pensioners	1,787	1,776	1,735	1,723	1,702
Average Current Benefits	32,556	30,912	29,413	27,729	26,774
Number Of Deferred Pensioners	348	313	292	250	226
Actuarial Valuation:					
Actuarial Value Of Assets	6,295,628,942	6,026,536,713	5,677,211,298	5,412,892,994	5,101,826,929
Actuarial Value Of Liabilities	11,564,064,451	10,945,949,982	9,935,123,264	9,493,367,903	9,058,371,561
Unfunded Actuarial Liabilities	5,268,435,509	4,919,413,269	4,257,911,966	4,080,474,909	3,956,544,632
Actuarial Funding Percentage	54.44%	55.06%	57.14%	57.02%	56.32%
Assets and Liabilities					
Cash, Now, Money Market	198,777,047	234,069,975	205,691,331	210,308,334	240,044,790
Fixed Instruments	2,168,999,720	2,072,989,754	1,954,882,692	1,948,116,945	1,915,884,190
Equities	3,614,814,184	3,651,922,200	3,213,696,007	3,093,711,304	2,952,946,178
Receivables	52,185,680	48,917,728	48,422,159	49,498,113	53,254,824
Other Assets	2,651,958	867,005	1,400,818	1,461,942	3,151,629
Total Assets	6,037,428,589	6,008,766,663	5,424,093,007	5,303,096,638	5,165,281,610
Liabilities	12,770,082	11,670,146	14,133,412	17,532,387	16,810,934
Net Present Assets - Market Value	6,024,658,507	5,997,096,516	5,409,959,596	5,285,564,251	5,148,470,676
From Municipality	418,257,641	372,181,327	334,131,026	332,830,839	292,665,794
From Member	80,266,801	78,296,714	76,813,072	74,853,800	73,136,455
Other Revenue	806,492	460,304	2,435,825	2,314,586	(1,194,223)
Total Revenue	499,330,934	450,938,345	413,379,923	409,999,225	364,608,026
Realized Investment Income/(Loss)	225,494,831	202,068,760	163,694,347	186,333,249	210,971,897
Unrealized Investment Income/(Loss)	(177,040,724)	419,418,070	7,796,710	(41,424,929)	140,914,771
Less Investment Fees	14,540,403	14,283,720	13,974,870	14,147,170	14,299,072
Net Investment Income	33,913,704	607,203,110	157,516,188	130,761,151	337,587,596
Pensions and Benefits	494,859,021	463,507,438	431,621,086	403,888,054	380,092,997
Professional Services	6,522,154	6,188,054	5,783,000	5,468,384	4,895,721
Other Expenses	2,645,143	2,530,982	7,083,807	9,071,072	2,592,557
Total Expenses	504,026,317	472,226,474	444,487,893	418,427,511	387,581,275
Net Change (Rev - Exp)	29,218,321	585,914,981	126,408,218	122,332,865	314,614,347
Number of Funds Reported	294	296	296	297	298

Note : prior year disability included the disability beneficiaries with a disability component

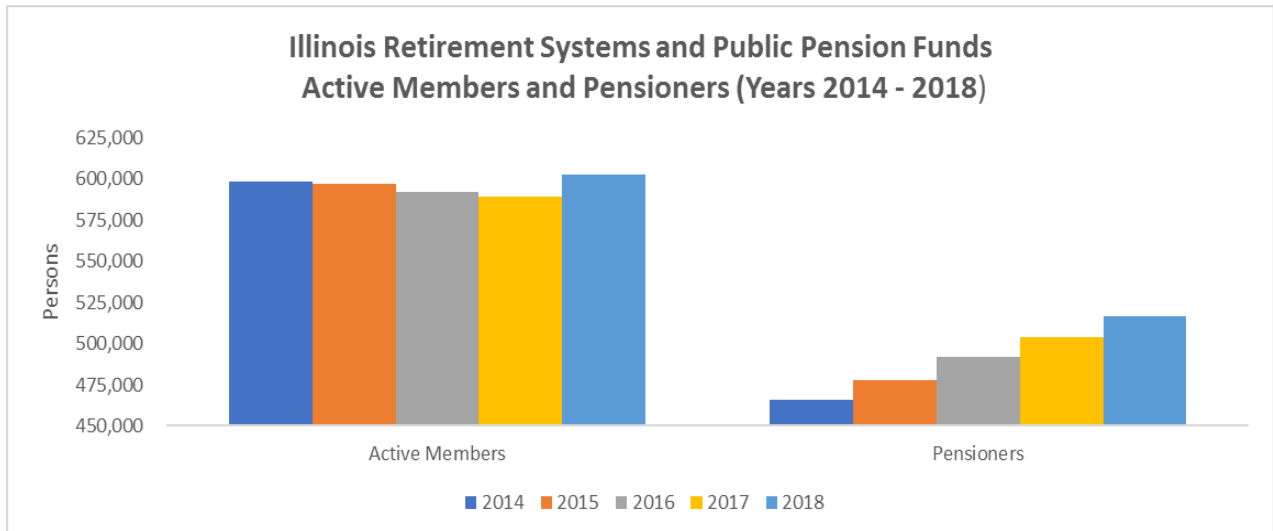
HIGHLIGHTED FINANCIAL DATA FROM THE AGGREGATED REPORTS BY GEOGRAPHIC AREA

STATE OF ILLINOIS RETIREMENT SYSTEMS AND PENSION FUNDS TOTAL PARTICIPANTS

	2018	2017	2016	2015	2014
CHICAGO RETIREMENT SYSTEMS	163,882	162,830	161,541	161,279	161,363
STATE OF ILLINOIS RETIREMENT SYSTEMS	559,989	541,338	538,343	536,797	531,229
COOK COUNTY RETIREMENT SYSTEMS	43,647	43,914	44,240	44,525	44,040
ILLINOIS MUNICIPAL RETIREMENT FUND	309,743	303,881	298,465	292,136	287,191
ARTICLE 3 & 4 SUBURBAN AND DOWNSTATE PENSION FUNDS	41,935	41,413	40,834	40,354	39,891
Total	1,119,196	1,093,376	1,083,423	1,075,091	1,063,714

STATE OF ILLINOIS RETIREMENT SYSTEMS AND PENSION FUNDS TOTAL PARTICIPANTS PERCENT TO TOTAL

	2018	2017	2016	2015	2014
CHICAGO RETIREMENT SYSTEMS	14.6%	14.9%	14.9%	15.0%	15.2%
STATE OF ILLINOIS RETIREMENT SYSTEMS	50.0%	49.5%	49.7%	49.9%	49.9%
COOK COUNTY RETIREMENT SYSTEMS	3.9%	4.0%	4.1%	4.1%	4.1%
ILLINOIS MUNICIPAL RETIREMENT FUND	27.7%	27.8%	27.5%	27.2%	27.0%
ARTICLE 3 & 4 SUBURBAN AND DOWNSTATE PENSION FUNDS	3.7%	3.8%	3.8%	3.8%	3.8%
Total	100%	100%	100%	100%	100%



APPENDIX LISTING

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OVERVIEW OF THE FIVE-YEAR PROFILE REPORT

The profile reports in Appendix A-1 show the statistical, financial, and actuarial data for the last five fiscal years of the retirement systems and pension funds in the State. There were 656 active pension funds as of the end of the fiscal year 2018, within the biennial period, of which 9 did not submit their information or 1.2 % of the funds. The profile reports show the overall financial condition and historical information of the retirement systems and pension funds operating for the benefit of public employees in the State of Illinois. The goal of these reports is to show the status of the individual retirement systems and pension funds from a historical perspective and the trends over the last five years. Please note that many municipalities hire their own independent actuary to perform the actuarial valuations. An independent actuary may choose different actuarial assumptions than those used by the Division's enrolled actuary, resulting in actuarial data that varies from the calculations produced by the Division.

The financial and statistical information presented was compiled from annual reports submitted to the Division by each retirement system and pension fund as required by Section 1A-109 of the Illinois Pension Code (40 ILCS 5/1A-109). The data is based strictly on the filed package submitted to the Division and as certified by the filing party. The actuarial data for the 15 retirement systems is reported as submitted, while the actuarial data for suburban and downstate funds was obtained from their annual statement filings and the valuations as calculated by the Division's enrolled actuary.

The "Accrued Actuarial Liability" is based on the market value of assets "smoothed" over five years as mandated by the pension code. The summary reports provide the trend over a five-year period. The data is represented as it was submitted to the Division. Simple averages were calculated for ease of understanding the detail. Each type of fund has an associated set of definitions that explain the data, providing detailed explanations and important clarifications. The Division encourages the reader to review the five-year profile report, in conjunction with the definitions. The data is pulled from P.A.S.S. based on the annual statements filed with the Division. The data is presented on a five-year basis. If five years of data is not displayed for a fund, unless otherwise noted, the fund did not file its annual statement within the time required for acceptance by the Division.

The following funds were established within the biennial period and fiscal year 2019: Beecher FPD Firefighters Pension Fund established 11/16/2017 and Oregon FPD Firefighters Pension Fund established 10/10/2018. The summary sheets presented for these funds are complete based on their establishment dates and if a fund submitted an Annual Statement. No fund dissolved during the biennial period.

ACTIVE RETIREMENT SYSTEMS AND PENSION FUNDS

NUMBER OF ACTIVE PUBLIC PENSION FUNDS	FISCAL YEAR 2018	FISCAL YEAR 2017
Article 3 Suburban and Downstate Police Pension Funds	357	357
Article 4 Suburban and Downstate Firefighters Pension Funds	299	298
Total Public Pension Funds	656	655
Retirement Systems	15	15
Total	671	670

RETIREMENT SYSTEMS / PENSION FUNDS BY AREA	GEOGRAPHIC AREA	FISCAL YEAR ENDING
Article 2 General Assembly Retirement System	Statewide	06/30/XX
Article 3 Suburban and Downstate Police Pension Funds	Municipalities	Varies
Article 4 Suburban and Downstate Firefighters Pension Funds	Municipalities	Varies
Article 5 Policemen's Annuity and Benefit Fund of Chicago	Chicago	12/31/XX
Article 6 Firemen's Annuity and Benefit Fund of Chicago	Chicago	12/31/XX
Article 7 Illinois Municipal Retirement Fund	Municipal	12/31/XX
Article 8 Municipal Employees', Officers' and Officials' Annuity and Benefit Fund of Chicago	Chicago	12/31/XX
Article 9 County Employees' and Officers' Annuity and Benefit Fund of Cook County	Cook County	12/31/XX
Article 10 Forest Preserve District Employees' Annuity and Benefit Fund of Cook County	Cook County	12/31/XX
Article 11 Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago	Chicago	12/31/XX
Article 12 Park Employees' and Retirement Board Employees' Annuity and Benefit Fund of Chicago	Chicago	12/31/XX
Article 13 Metropolitan Water Reclamation District Retirement Fund	Cook County	12/31/XX
Article 14 State Employees' Retirement System of Illinois	Statewide	06/30/XX
Article 15 State Universities Retirement System	Statewide	06/30/XX
Article 16 Teachers' Retirement System of the State of Illinois	Statewide	06/30/XX
Article 17 Public School Teachers' Pension and Retirement Fund of Chicago	Chicago	06/31/XX
Article 18 Judges' Retirement System of Illinois	Statewide	06/30/XX

Article 2 General Assembly Retirement System

2101 South Veterans Parkway, P. O. Box 19255, Springfield, IL 62794-9255
160 North LaSalle Street, Suite S200, Chicago, IL 60601
(217) 782-8500 or (312) 814-5853 - https://srs.illinois.gov/GARS/home_gars.htm

Article 3 Suburban and Downstate Police Pension Funds

Varies by individual pension fund

Article 4 Suburban and Downstate Firefighters Pension Funds

Varies by individual pension fund

Article 5 Policemen's Annuity and Benefit Fund of Chicago

221 North LaSalle Street, Suite 1626, Chicago, IL 60601-1203
(800) 656-6606 - <http://www.chipabf.org/>

Article 6 Firemen's Annuity and Benefit Fund of Chicago

20 South Clark Street, Suite 300 Chicago, IL 60603
(312) 726-5823 - <http://fabf.org/>

Article 7 Illinois Municipal Retirement Fund

2211 York Road Suite 500 (Mail) / 400 (Main), Oak Brook, IL 60523-2337
(1-800) 275-4673 - <https://www.imrf.org/>

Article 8 Municipal Employees', Officers' and Officials' Annuity and Benefit Fund of Chicago

321 North Clark Street, Suite 700, Chicago, IL 60654-4767
(312) 236-4700 - <https://www.meabf.org/>

Article 9 County Employees' and Officers' Annuity and Benefit Fund of Cook County

70 West Madison Street, Suite 1925, Chicago, IL 60602
(312) 603-1200 - <https://www.cookcountypension.com/>

Article 10 Forest Preserve District Employees' Annuity and Benefit Fund of Cook County

70 West Madison Street, Suite 1925, Chicago, IL 60602
(312) 603-1200 - <https://www.cookcountypension.com/>

Article 11 Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago

321 North Clark Street, Suite 1300, Chicago IL 60654-4739
(312) 236-2065 - <http://www.labfchicago.org/>

Article 12 Park Employees' and Retirement Board Employees' Annuity and Benefit Fund of Chicago

55 East Monroe Street, Suite 2720, Chicago, IL 60603
(312) 553-9265 - <https://www.chicagoparkpension.org/>

Article 13 Metropolitan Water Reclamation District Retirement Fund

111 East Erie Street, Chicago, IL 60611
(312) 751-3222 - <http://mwrdrf.org/>

Article 14 State Employees' Retirement System of Illinois

2101 South Veterans Parkway, P. O. Box 19255, Springfield, IL 62794-9255
160 North LaSalle Street, Suite S200, Chicago, IL 60601
(217) 782-8500 or (312) 814-5853 - https://www.srs.illinois.gov/SERS/home_sers.htm

Article 15 State Universities Retirement System

1901 Fox Drive, Champaign, IL 61820-7333
(800) 800-275-7877 - <https://www.surs.org/>

Article 16 Teachers' Retirement System of the State of Illinois

P.O. Box 19253, Springfield, IL 62794-9253
(877) 927-5877 - <http://www.trsil.org/>

Article 17 Public School Teachers' Pension and Retirement Fund of Chicago

AKA Chicago Teachers' Pension Fund
203 North LaSalle Street, Suite 2600, Chicago, IL 60601
(312) 641.4464 - <https://www.ctpf.org/>

Article 18 Judges' Retirement System of Illinois

2101 S. Veterans Parkway, P. O. Box 19255, Springfield, IL 62794-9255 160 North LaSalle Street,
Suite S200 , Chicago, IL 60601
(217) 782-8500 or (312) 814-5853 - https://srs.illinois.gov/Judges/home_jrs.htm

Additional Contact:

Illinois Department of Insurance - Public Pension Division

320 West Washington Street - 5th Floor Springfield, IL 62767-0001
(800) 207-6958 - doi.pension@illinois.gov
<https://insurance.illinois.gov/Applications/Pension/Default.aspx>

SUMMARY OF BASIC PLAN PROVISIONS

As required by the Sec. 1A-108 of the Pension Code [40 ILCS 5/1A-108], the following section is a summary of the basic plan provisions of the individual retirement systems and pension funds. The summaries were reviewed by the individual retirement systems to confirm and clarify the information. The retirement systems also were requested to submit their participant data and plan information under Tier 1 and Tier 2. The data in some instances differs from annual statement data previously filed with the Division due to correction of prior errors and/or post-submission adjustments. The retirement systems were requested to submit an explanation if a modification occurred. Plan provisions are general and are not all-inclusive. For a better understanding of the plan's provisions review the corresponding Article of the Illinois Pension Code.

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ILLINOIS PENSION CODE – ARTICLE 2
GENERAL ASSEMBLY RETIREMENT SYSTEM

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending: 06/30	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	118	99	94	81	74
Number of Inactive Participants Vested	56	60	55	58	52
Number of Inactive Participants Not vested	13	9	9	6	9
Salary Expense	\$9,954,775	\$8,279,115	\$7,908,330	\$6,927,659	\$6,426,614
Number of Beneficiaries/Retirees	421	424	415	421	417
Beneficiary/ Retiree Pension Expense	\$20,800,502	\$20,816,136	\$21,238,4547	\$21,919,305	\$22,686,069
Pension Data (Traditional Defined Benefit Plan Only)	Tier 2				
For Fiscal Year Ending	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	40	46	47	54	58
Number of Inactive Participants Vested	0	0	0	0	0
Number of Inactive Participants Not vested	5	6	7	9	7
Salary Expense	\$2,799,581	\$3,308,170	\$3,389,284	\$4,068,625	\$4,284,410
Number of Beneficiaries/Retirees	0	0	0	0	0
Beneficiary/ Retiree Pension Expense	\$0	\$0	\$0	\$0	\$0

ILLINOIS PENSION CODE – ARTICLE 2
GENERAL ASSEMBLY RETIREMENT SYSTEM

Traditional Define Plan Detail:	Tier 1	Tier 2
Maximum Salary Cap	\$275,000 – is the limit for 2018 under Section 401(a)(17) of the IRC	\$119,791.79 for Calendar Year 2018
Total Employee Contribution %	11.5%	11.5%
Salary Used for Regular Pension (Defined)	Membership date prior to August 10, 2009, final salary on last day of employment, Membership date from 8.10.09 through 12.31.10 the total salary for 48 highest consecutive months of service within your last 120 months of service in the General Assembly and calculates the average during that 48 month consecutive period.	Final Avg. Salary: AVG highest 96 consecutive monthly wages within last 120.
Salary Used for Disability Benefit	See above	See above
Employer Share of Normal Cost from Actuarial Valuation	23.41% (blended) 35.69% (Tier 1 approximation)	23.41% (blended) 8.25% (Tier 2 approximation)
Cost of Living Adjustment	If member retires at age 60 or over, will receive a 3% compounded increase every year on January 1 or July 1, whichever occurs first, following first full year of retirement. If member retires prior to age 60 and are retired for at least one full year, member will be eligible for the first 3% compounded increase on the first of the month following your 60th birthday. For members with a birthday on the 1st of the month, the first 3% increase will be given on the actual birthday. The second pension increase will occur on January 1 or July 1 that follows the first pension increase, whichever is earlier.	Increase of 3% or the annual unadjusted percentage increase in the Consumer Price Index, whichever is less on January 1 or July 1 following your first full year of retirement. This annual increase is compounded on the previous year's annuity
Source of Employer Funds	State Appropriations (GRF)	State Appropriations (GRF)

Traditional Define Plan Detail:	Tier 1	Tier 2
Vesting at	6 years	8 years
Age Requirement Minimal for Pension	62	67 with no reduction, 62 years with reduction of ½ of 1% for each month under age 67
Length of Service for Full Pension	20 years	20 years
Compulsory Retirement Age	None	None
Reduction for Early Retirement	None	reduction of ½ of 1% for each month under age 67
Basic Rate of Annuity	3.% for first 4 yrs. of service, and 3.5% next 2, and 4% for next 4, and 5% for year over 12.	3 % per yrs. of service
Minimum Annuity % / Amount	12%: The figure assume that the member retires independently without reciprocity. Members retiring reciprocally only need 1 year of service in the System if the combined service under all the systems they are retiring reciprocally meets the minimum vesting requirement for each system.	24%: The figure assume that the member retires independently without reciprocity. Members retiring reciprocally only need 1 year of service in the System if the combined service under all the systems they are retiring reciprocally meets the minimum vesting requirement for each system.
Maximum Annuity %	85%	60%
Spouse's Annuity	Yes, if elected and married	Yes, if elected and married
Child's Annuity	Yes, children are eligible for survivors if the meet certain criteria	Yes, children are eligible for survivors if the meet certain criteria
Parent's Annuity	None.	None.
Beneficiary/Retiree Health Insurance Coverage	Yes, though not administered by GARS	Yes, though not administered by GARS
Single-Sum Death Benefits	If the member dies prior to retirement, a death benefit equal to the member's employee contributions shall be payable. If the member dies after retirement, a death benefit equal to the member's employee contributions less any benefits paid shall be payable.	Same as Tier 1

Traditional Define Plan Detail:	Tier 1	Tier 2
Rate of Interest for buyback of Creditable Service/reinstatement:	4%	Same as Tier 1
Allowed voluntary refunds of contributions?	Refund consists of all member contributions.	Refund consists of all member contributions.
Non-Duty Disability Percentage	Permanent Disabled member w' 8 yrs., eligible to receive pension without reduction percentage. Percentage based on final rate of salary and years of service.	
Duty Disability Benefit Percentage	N/A	N/A
Occupational Disability Percentage	N/A	N/A

Website: https://srs.illinois.gov/GARS/home_gars.htm

Tier 3 information (if applicable otherwise leave blank)

None

ILLINOIS PENSION CODE – ARTICLE 2
GENERAL ASSEMBLY RETIREMENT SYSTEM

DEFINITION OF / ADDITIONAL INFORMATION

Notes:

In the previous report, salary expense for Tier 1 GARS members were listed as follows: FY 14 - \$8,391,481

FY 15 - \$6,901,964 FY 16 -\$7,531,743

Typically, we do not report salary by Tier group, however the data as presented reflects a more accurate approximation.

In the previous report, benefit payment expenses for Tier 1 GARS members were listed as follows: FY 14 - \$20,684,262

FY 15 - \$21,728,750 FY 16 -\$21,805,977

The information as reflected in this year's report is a more accurate representation.

In the previous report, salary expense for Tier 1 GARS members were listed as follows: FY 14 - \$2,844,569

FY 15 - \$3,206,973 FY 16 -\$3,765,871

Typically, we do not report salary by Tier group, however the data as presented reflects a more accurate approximation.

ILLINOIS PENSION CODE – ARTICLE 2
GENERAL ASSEMBLY RETIREMENT SYSTEM

LEGISLATIVE AMENDMENTS

Effective Fiscal Year 2017 Legislative amendments having an impact on the System:

Public Act 99-683 effective July 29, 2016: Provides that each retirement system except for Article 3 and Article 4 must implement a procedure to identify deceased annuitants. The procedure must include the requirement that the system check for deceased annuitants at least once per month. The bill also requires that the systems shall have access to the Illinois Department of Public Health vital records. Pension Act modification of 40 ILCS 5/1-140

Effective Fiscal Year 2018 Legislative amendments having an impact on the System:

Public Act 100-0023 effective July 6, 2017: Requires that any changes in the pension liability that result from actuarial assumption modifications, shall be smoothed over a five-year period.

Public Act 100-0350 effective August 25, 2017: Provides that an eligible survivor of a member shall be ineligible for benefits if convicted of any felony relating to, arising out of, or in connection with the service of the member that earned such benefit.

Effective Fiscal Year 2019 Legislative amendments having an impact on the System:

Public Act 100-0902 effective August 27, 2018: Provides that most retirement systems regulated under the Illinois Pension Code, shall make its best efforts to ensure that the racial and ethnic makeup of the senior administrative staff reflects such demographics of the membership of the respective fund.

ILLINOIS PENSION CODE – ARTICLE 3

DOWNSTATE AND SUBURBAN POLICE PENSION FUNDS

Pension Data: (Defined Benefit Plan)	Tier 1				
For Fiscal Year Ending:	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	11,211	10,634	10,113	9,523	8,878
Number of Inactive Participants with at least 20 years of service	91	91	97	108	120
Number of Inactive Participants with less than 20 years of service (vested)	251	284	312	356	365
Salary Expense	\$944,977,397	\$926,544,197	\$908,764,426	\$880,620,512	\$848,584,675
Number of Beneficiaries/Retirees	9,749	10,049	10,353	10,698	11,067
Beneficiary/ Retiree Pension Expense	\$504,933,599	\$541,941,807	\$578,023,602	\$618,187,979	\$663,130,157
Pension Data: (Defined Benefit Plan)	Tier 2				
For Fiscal Year Ending:	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	1,932	2,488	3,001	3,555	4,111
Number of Inactive Participants with at least 20 years of service	0	0	2	2	2
Number of Inactive Participants with less than 20 years of service (vested)	0	0	0	0	0
Salary Expense	\$114,226,528	\$155,448,732	\$197,299,403	\$244,371,212	\$296,126,967
Number of Beneficiaries/Retirees	3	4	7	11	16
Beneficiary/ Retiree Pension Expense	\$97,085	\$123,112	\$206,437	\$394,414	\$573,825

ILLINOIS PENSION CODE – ARTICLE 3
DOWNSTATE AND SUBURBAN POLICE PENSION FUNDS

Traditional Plan Detail:	Tier 1 Year 2018	Tier 2 Year 2018
Maximum Salary Cap	\$275,000 limit set under Section 401 (a) (17) of the IRS code, if applicable.	\$113,644.91
Total Employee Contribution %	9.91%	9.91%
Salary Used for Regular Pension (S)	Salary attached to rank held on the last day of service or for one year prior to the last day, whichever is greater.	Final Avg. Salary: Average of the 96 highest-paid consecutive months during the last 120 months of employment
Employer Share of Normal Cost from Actuarial Valuation	Varies by pension fund	Varies by pension fund
Cost of Living Adjustment	3%	1.10%
Source of Employer Funds	Tax Levy	Tax Levy
Vesting in Years	10 yrs. [Section 3-124 & 3-111(c)]	10 yrs. at 55 yrs./10 yrs. [Section 3-111 (d)]
Age and Length of Service:	50/20 yrs.	55/10 or 50/10 with Penalty
Compulsory Retirement Age	None	None
Reduction for Early Retirement	Not applicable	Yes, ½ of 1 % per month under 55 of age
Statutory Rate of Interest:	3%	3%
Basic Rate of Annuity (S)*(%)*(Yrs.)	2.5% per year	2.5% per year
Maximum Annuity %	75%	75%

Traditional Plan Detail:	Tier 1 Year 2018	Tier 2 Year 2018
Spouse's Annuity	Yes	Yes
Child's Annuity	Yes	Yes, if upon the member's death there is no surviving spouse
Parent's Annuity	No, unless upon the Police Officer's death there is no surviving spouse or minor child, and dependent parent is entitled based on criteria set forth in Section 3-112	No, unless upon the Police Officer's death there is no surviving spouse or minor child, and dependent parent is entitled based on criteria set forth in Section 3-112
Single-Sum Death Benefit	No	No
Allowed refunds of contributions?	Yes, refund consists of all member contributions and payments without interest based on age and service limitation in Section 3-124	Yes, refund consists of all member contributions and payments without interest based on age and service limitation in Section 3-124
Nonduty Disability	Yes, available based on the criteria set forth in Section 3-114.2	Yes, available based on the criteria set forth in Section 3-114.2
Occupational Disease Disability	Yes, with 5 or more years based on criteria set forth in Section 3-114.6	Yes, with 5 or more years based on criteria set forth in Section 3-114.6
Disability Pension Option	Yes, option allowable based on the criteria set forth in Section 3-116.1	Yes, option allowable based on the criteria set forth in Section 3-116.1

Website: Varies based on each of the Municipality

Disclaimer: The report is compiled from data reported in the fund's annual statement to the Department of Insurance under 40 ILCS 5/1A-109.

ILLINOIS PENSION CODE – ARTICLE 3
DOWNSTATE AND SUBURBAN POLICE PENSION FUNDS

DEFINITION OF / ADDITIONAL INFORMATION

Article 3 of the Illinois Pension Code provides for pension annuities and disability benefits to active members, retirees, and survivors in an Article 3 pension funds. The pension funds are established by municipalities and are administered individually by a board of trustees in accordance with the Code.

Note: Data was modified from fiscal year 2015 forward as delinquent pension funds or pension funds modified their submitted Annual Statement and/or corrected their tier data.

Annuity/Pension: Terms are used interchangeably relating to a retirement benefit.

Basic Rate of Annuity: 2.5% for each year of service, dependent on years of service. Final annuity is based on provisions as outlined by member's entry date and/or pension fund's established date, if applicable.

Beneficiary/Retiree: A person eligible for or receiving benefits from the pension fund including disability.

Beneficiary / Retiree Healthcare Expense: Not applicable directly to the Pension funds

COLA: Cost of living annual pension increase. As of January 2011, the pensionable salary limitation must be reviewed. Effective date varies, dependent on applicable code. Effective amount varies, dependent on applicable code.

Inactive participant: A deferred pensioner or annuitant who may be entitled to a future benefit.

Maximum Salary Cap: Based on the Internal Revenue Code applicable for participants after January 01, 1996, if applicable.

Normal cost: Percentage of the part of the actuarial present value of all future benefit payments and appropriate administrative expenses assigned to the current year under the actuarial valuation method used by the plan (excluding any amortization of the unfunded accrued liability). Varies based on individual pension fund actuarial report.

Pensionable Salary: Salary as defined by the code and administrative rule.

Provisions: Plan provisions are general and are not all inclusive. For a better understanding of the plan's provisions review the corresponding Article of the Illinois Pension Code.

Tier 2 member: An individual who first became a firefighter under Article 4 and/or within a fund that was established on or after January 1, 2011.

Total Employee Contribution Percentage: Percentage is the total sum of all required contributions if contributions are refunded, or a pension benefit is not applicable at the time of retirement, then a portion of contributions may be refunded. Varies based on the provisions of the pension code.

Type of Plan: A defined benefit plan, which provides retirement annuities and other benefits for employees, for survivors, dependents, and other beneficiaries of such employees based on the plan's provisions.

ILLINOIS PENSION CODE – ARTICLE 3
DOWNSTATE AND SUBURBAN POLICE PENSION FUNDS

LEGISLATIVE AMENDMENTS

This section presents an overview of changes to Article 3 of the Illinois Pension Code enacted by the 100th General Assembly in years 2017 and 2018. Amendments and additions to the other Articles of the Illinois Pension Code are found in the summary page of each pension fund and retirement system. Amendments and additions in Article 1 and Article 1A are found in the section titled *Legislative Changes Impacting Public Retirement Systems and Pension Funds*. Public Acts encompassing Articles that are not Article 3 are also included in the summary page of the affected Article.

Public Act 100-281, effective August 24, 2017:

The Act amended Sections 3-109.1, 3-124.1, and 7-109 and added Section 3-109.4. It added a provision preventing certain police chiefs from electing to participate in the Illinois Municipal Retirement Fund unless that person became a participating employee in the Illinois Municipal Retirement Fund before January 1, 2019. The Act created a provision in which each municipality shall establish a defined contribution plan that aggregates police officer and employer contributions in individual accounts used for retirement. It allows members to participate in the defined contribution plan without accruing creditable service in the defined benefit plan. Police officers who are vested with more than 10 years of creditable service and enter active service in a different municipality may elect to participate in the defined contribution plan. They may also rescind their election to participate in the defined contribution plan and join the defined benefit plan. Police officers who first become members on or after January 1, 2019, may continue to receive retirement benefits while employed in another municipality, however, they may only participate in a defined contribution plan established by the municipality.

Public Act 100-334, effective August 25, 2017:

The Act amended Sections 2-156, 3-147, 4-138, 5-227, 6-221, 7-219, 8-251, 9-235, 10-109, 11-230, 12-191, 13-807, 14-149, 15-187, 16-199, 17-149.1, and 18-163. The Act added a provision preventing survivors of police officers who were convicted of any felony relating to or arising out or in connection with the service of the police officer. The Act made this provision applicable to participants entering active service subsequent to the effective date of this Act. The Act does not prohibit survivors who are vested prior to the effective date of this Act from collecting survivor benefits.

Public Act 100-544, effective November 8, 2017:

The Act amended Sections 4-108, 4-108.6, and 6-227 and added Section 3-110.12. The Act added a provision allowing certain Article 4 firefighters to transfer up to 6 years of creditable service time earned as an Article 3 police officer in the same municipality. Electing members must satisfy specific conditions and must transfer the time during the 6 months following the effective date of this Act.

Public Act 100-863, effective August 14, 2018:

The Act made technical changes in Sections 1-113.22, 3-143, 7-172, 8-251, 11-223.1, 11-230, and 16-158.

ILLINOIS PENSION CODE – ARTICLE 4

DOWNSTATE AND SUBURBAN FIREFIGHTERS PENSION FUNDS

Pension Data: (Traditional)	Tier 1				
For Fiscal Year Ending:	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	7,982	7,616	7,250	6,903	6,519
Number of Inactive Participants with at least 20 years of service	24	19	36	34	30
Number of Inactive Participants with less than 20 years of service (vested)	200	226	250	269	305
Total Salary Expense	\$686,200,699	\$677,170,690	\$663,408,903	\$649,221,540	\$632,877,654
Number of Beneficiaries/Retirees	7,781	7,977	8,183	8,413	8,618
Beneficiary/ Retiree Pension Expense	\$388,385,540	\$414,823,269	\$443,823,595	\$473,924,641	\$504,239,759
Pension Data: (Traditional Defined Benefit Plan Only)	Tier 2				
For Fiscal Year Ending:	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	1,229	1,581	1,921	2,301	2,712
Number of Inactive Participants with at least 20 years of service	0	0	0	1	1
Number of Inactive Participants with less than 20 years of service (vested)	2	5	0	0	0
Salary Expense	\$75,960,992	\$103,258,489	\$131,890,601	\$165,631,764	\$202,556,390
Number of Beneficiaries/Retirees	4	5	6	9	14
Beneficiary/ Retiree Pension Expense	\$33,348	\$90,416	\$140,561	\$202,069	\$303,030

ILLINOIS PENSION CODE – ARTICLE 4

DOWNSTATE AND SUBURBAN FIREFIGHTERS PENSION FUNDS

Traditional Plan Detail:	Tier 1 Year 2018	Tier 2 Year 2018
Maximum Salary Cap	\$275,000 limit set under section 401 (a) (17) of the IRS code, if applicable.	\$113,644.91
Total Employee Contribution %	9.455%	9.455%
Salary Used for Regular Pension (\$)	Salary attached to the rank at the date of retirement	Final Avg. Salary: Average of the 96 highest-paid consecutive months during the last 120 months of employment
Employer Share of Normal Cost from Actuarial Valuation	Varies by pension fund	Varies by pension fund
Cost of Living Adjustment	3%	1.10%
Source of Employer Funds	Tax Levy	Tax Levy
Vesting in Years	10 yrs. [Section 4-109(b)]	10 yrs. [Section 4-109(c)]
Age and Length of Service:	50/20 yrs. or 60/10 yrs.	55/10 or 50/10 with Penalty
Compulsory Retirement Age	None	None
Reduction for Early Retirement	Not applicable	Yes, ½ of 1 % for each month under 55 of age
Basic Rate of Annuity (\$X(%)XYRS)	2.5% per year at 20 yrs. (increases at a rate of 1/12 of 2.5% for each month between 20 and 30 yrs.), if less than 20 yrs. % set in Section 4-109 (b)	2.5% per year at 10 yrs. as set in Section 4-109(c)
Maximum Annuity %	75%	75%

Traditional Plan Detail:	Tier 1 Year 2018	Tier 2 Year 2018
Spouse's Annuity	Yes	Yes
Child's Annuity	Yes	Yes, if upon the member's death there is no surviving spouse
Parent's Annuity	No, unless upon the firefighter's death there is no surviving spouse or minor child, and parent claimed as dependent based on the criteria as set forth in Section 4-114(c)	No, unless upon the firefighter's death there is no surviving spouse or minor child, and parent claimed as dependent based on the criteria as set forth in Section 4-114(c)
Single-Sum Death Benefit	No	No
Allowed refunds of contributions?	Yes, refund consists of all member contributions without interest based on age and service limitation in Section 4-116	Yes, refund consists of all member contributions without interest based on age and service limitation in Section 4-116)
Nonduty Disability	Yes, allowable after 7 years of service allowable based on criteria set forth in Section 4-111	Yes, allowable after 7 years of service allowable based on criteria set forth in Section 4-111
Occupational Disease Disability	Yes, allowable after 5 years of service allowable based on criteria set forth in Section 4-110.1	Yes, allowable after 5 years of service allowable based on criteria set forth in Section 4-110.1
Disability Pension Option	Yes, pension option allowable based on criteria set forth in Section 4-113	Yes, pension option allowable based on criteria set forth in Section 4-113

Website: Varies based on each of the Municipality

Disclaimer: The report is compiled from data reported in the fund's annual statement to the Department of Insurance under 40 ILCS 5/1A-109.

ILLINOIS PENSION CODE – ARTICLE 4

DOWNSTATE AND SUBURBAN FIREFIGHTERS PENSION FUNDS

DEFINITION OF / ADDITIONAL INFORMATION

Article 4 of the Illinois Pension Code provides for pension annuities and disability benefits to active members, retirees, and survivors in an Article 4 pension funds. The pension funds are established by municipalities and fire protection districts and are administered individually by a board of trustees in accordance with the Code.

Note: Data was modified from fiscal year 2016 forward as delinquent pension funds submitted their Annual Statement and corrected their tier data.

Annuity/Pension: Terms are used interchangeably relating to a retirement benefit.

Basic Rate of Annuity: 2.5% for each year of service (tier 2), dependent on years of service and 1/12 of 2.5 for each month after 20 years (tier 1). Final annuity is based on provisions as outlined based on the member's entry date, creditable service, effective code provisions and/or pension funds' established date, if applicable.

Beneficiary/Retiree: A person eligible for or receiving benefits from the pension fund including disability.

Beneficiary / Retiree Healthcare Expense: Cost is not a direct cost of the Pension funds.

COLA: Cost of living annual pension increase. As of January 2011, the pensionable salary limitation must be reviewed along with the applicable percentage benefit increase. Effective amount varies, dependent on applicable code.

Inactive participant: A deferred pensioner or annuitant who may be entitled to a future benefit, dependent on the applicable/effective code provisions.

Maximum Salary Cap: Based on the Internal Revenue Code applicable for participants after January 01, 1996, if applicable.

Normal cost: Percentage of the part of the actuarial present value of all future benefit payments and appropriate administrative expenses assigned to the current year under the actuarial valuation method used by the plan (excluding any amortization of the unfunded accrued liability). Varies based on individual pension fund actuarial report.

Pensionable Salary: Salary as defined by the applicable code / section and administrative rule.

Provisions: Plan provisions are general and are not all inclusive. For a better understanding of the plan's provisions review the corresponding Article of the Illinois Pension Code.

Tier 2 member: An individual who first became a firefighter under Article 4 and/or within a fund that was established on or after January 1, 2011.

Total Employee Contribution Percentage: Percentage is the total sum of all required contributions if contributions are refunded, or a pension benefit is not applicable at the time of retirement, then a portion of contributions may be refunded. Varies based on the provisions of the pension code.

Type of Plan: A defined benefit plan, which provides retirement annuities and other benefits for employees, for survivors, dependents, and other beneficiaries of such employees based on the plan's provisions.

ILLINOIS PENSION CODE – ARTICLE 4

DOWNSTATE AND SUBURBAN FIREFIGHTERS PENSION FUNDS

LEGISLATIVE AMENDMENTS

This section presents an overview of changes to Article 4 of the Illinois Pension Code enacted by the 100th General Assembly in years 2017 and 2018. Amendments and additions to the other Articles of the Illinois Pension Code are found in the summary page of each pension fund and retirement system. Amendments and additions in Article 1 and Article 1A are found in the section titled *Legislative Changes Impacting Public Retirement Systems and Pension Funds*. Public Acts encompassing Articles that are not Article 3 are also included in the summary page of the affected Article.

Public Act 100-201, effective August 18, 2017

The Act made technical changes in Sections 1-113, 1-113.4, 1-160, 4-106.1, 4-121, 8-107.2, 8-114, 9-121.6, 11-116, 11-125.5, 18-125, and 22A-111.

Public Act 100-334, effective August. 25, 2017

The Act amended Sections 2-156, 3-147, 4-138, 5-227, 6-221, 7-219, 8-251, 9-235, 10-109, 11-230, 12-191, 13-807, 14-149, 15-187, 16-199, 17-149.1, and 18-163. The Act added a provision preventing survivors of firefighters who were convicted of any felony relating to or arising out of or in connection with the service of the firefighter. The Act made this provision applicable to participants entering active service subsequent to the effective date of this Act. The Act does not prohibit survivors who are vested prior to the effective date of this Act from collecting survivor benefits.

Public Act 100-539, effective November 7, 2017

The Act amended Sections 4-108.5 and 6-164. The Act created a provision allowing a firefighters or fire chiefs who worked in a municipality from 2008 to 2015 without participating in an Article 4 pension fund due to a municipality's delay in establishing the pension fund. Upon fulfilling certain requirements, the affected member can establish creditable service lost during that time.

Public Act 100-544, effective. November. 8, 2017

The Act amended Sections 4-108, 4-108.6, and 6-227 and added Section 3-110.12. The Act added a provision allowing certain Article 4 firefighters to transfer up to 6 years of creditable service time earned as an Article 3 police officer in the same municipality. Electing members must satisfy specific conditions under Section 3-110.12.

Public Act 100-1097, effective August. 26, 2018

The Act amended Sections 4-112, 7-109, and 7-109.3. The Act created a provision allowing members who are receiving a disability pension for post-traumatic stress disorder related to his or her service as a firefighter to not have to undergo annual examination required until age 50 if he or she meets certain conditions.

ILLINOIS PENSION CODE – ARTICLE 5

POLICEMEN’S ANNUITY AND BENEFIT FUND OF CHICAGO

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending : 12/31	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	10,702	10,328	9,841	9,240	8,869
Number of Inactive Participants Vested	100	161	151	139	141
Number of Inactive Participants Not vested	478	410	392	385	389
Salary Expense	\$987,678,630	\$969,382,337	\$954,728,107	\$914,008,739	\$883,800,855
Number of Beneficiaries/Retirees	13,230	13,210	13,392	13,627	13,630
Beneficiary/Retiree Annual Benefits	\$644,211,045	\$663,672,037	\$693,804,697	\$738,405,149	\$759,832,724
Beneficiaries’/Retirees Healthcare Premiums	\$9,657,123	\$9,441,534	\$9,155,514	0	0
Pension Data (Traditional Defined Benefit Plan Only)	Tier 2				
For Fiscal Year Ending	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	1,318	1,733	2,336	3,393	4,569
Number of Inactive Participants Vested	0	0	0	0	0
Number of Inactive Participants Not vested	52	65	63	116	191
Salary Expense	\$86,654,688	\$117,225,642	\$164,798,880	\$236,397,354	\$321,523,590
Number of Beneficiaries/Retirees	0	0	2	1	1
Beneficiary/Retiree Annual Benefits	0	0	\$49,300	\$55,521	\$55,521
Beneficiaries’/Retirees Healthcare Premiums	0	0	0	0	0

ILLINOIS PENSION CODE – ARTICLE 5
POLICEMEN’S ANNUITY AND BENEFIT FUND OF CHICAGO

Traditional Defined Benefit Plan Detail:	Tier 1	Tier 2
Maximum Salary Cap	\$275,000: compensation limits set under section 401(a) (17), if applicable.	\$113,644.91
Total Employee Contribution %	9.0%	9.0%
Salary Used for Regular Pension (Defined)	Compensation attached to rank, plus duty availability allowance	Compensation attached to rank, plus duty availability allowance
Salary Used for Disability Benefit	Annual Salary at the date of injury (calculated as a full year).	Annual Salary at the date of injury (calculated as a full year).
Employer Share of Normal Cost from Actuarial Valuation	\$96,438,599 (NOTE: Normal cost is not used to determine employer contributions in 2018)	\$24,437,981 (NOTE: Normal cost is not used to determine employer contributions in 2018)
Cost of Living Adjustment	3%	The lesser of 3% or ½ of the Annual CPI-U (not less than zero)
Source of Employer Funds	Tax levy plus other	Tax levy plus other
Vesting at	10 Years	10 years
Age Requirement Minimum for Pension	50 yrs.	50 yrs. at reduced rate, age 55 for full rate
Length of Service for Full Pension	20- Formula Annuity 30- Maximum of 75% of Final Average Salary	10-Formula Annuity 30-Maximum of 75% of Final Average Salary
Compulsory Retirement Age	Yes, 63 years old	Yes, 63 years old
Reduction for Early Retirement	No early retirement.	Yes, ½ of 1% for each month below age 55
Basic Rate of Annuity	Money Purchase and Formula based on entry date, age, and years of credited service	Formula based on entry date, age, and years of credited service
Minimum Annuity % / Amount	For member’s retiring before January 1, 2016, with over 50 years of age with at least 20 years of service, the	For member’s retiring before January 1, 2016, with over 50 years of age with at least 20 years of service, the

Traditional Defined Benefit Plan Detail:	Tier 1	Tier 2
	minimum shall be no less than 125% of the Federal Poverty Level. See Section 5/5-167.2 of the Illinois Pension Code for minimums of other retirees not included above.	minimum shall be no less than 125% of the Federal Poverty Level. See Section 5/5-167.2 of the Illinois Pension Code for minimums of other retirees not included above.
Maximum Annuity %	75%	75%
Spouse's Annuity	Yes	Yes
Child's Annuity	Yes	Yes
Parent's Annuity	Yes	Yes
Beneficiary/Retiree Health Insurance Coverage		
Single-Sum Death Benefits	\$12,000 on or before 49 years of age reduced by \$400 each year after that \$6,000 post retirement.	\$12,000 on or before 49 years of age reduced by \$400 each year after that \$6,000 post retirement.
Rate of Interest for buyback of Creditable Service/reinstatement:	Refund plus 3% Interest compounded annually, after returning for 3 years before age 57.	Refund plus 3% Interest compounded annually, after returning for 3 years before age 57.
Allowed voluntary refunds of contributions?	Yes, refund consists of all member contributions and 1-1/2% interest per year. See Section 5/5-163 of the Illinois Pension Code for restrictions on refunds.	Yes, refund consists of all member contributions and 1-1/2% interest per year. See Section 5/5-163 of the Illinois Pension Code for restrictions on refunds.
Non-Duty Disability Percentage	50% of salary at the time the disability occurs, and as more fully described in Section 5/5-155 of the Illinois Pension Act.	50% of salary at the time the disability occurs, and as more fully described in Section 5/5-155 of the Illinois Pension Act.
Duty Disability Benefit Percentage	75% of salary at the time the disability is allowed or 50% of salary if disability is a result of a pre-existing condition, and as more fully described in Section 5/5-154 of the Illinois Pension Act.	75% of salary at the time the disability is allowed or 50% of salary if disability is a result of a pre-existing condition, and as more fully described in Section 5/5-154 of the Illinois Pension Act.
Occupational Disability Percentage	65% of salary attached to the rank held by the officer at the time of his/her removal from the CPD payroll, and as more fully described in Section 5/5-154.1 of the Illinois Pension Act.	65% of salary attached to the rank held by the officer at the time of his/her removal from the CPD payroll, and as more fully described in Section 5/5-154.1 of the Illinois Pension Act.

Website: <http://www.chipabf.org/>

ILLINOIS PENSION CODE – ARTICLE 5
POLICEMEN’S ANNUITY AND BENEFIT FUND OF CHICAGO

DEFINITION OF / ADDITIONAL INFORMATION

Annuity/Pension: Terms are used interchangeably relating to retirement benefit.

Basic Rate of Annuity: 2.5% for each year of service (must have attained 20 years for Tier 1 and 10 years for Tier 2).

Beneficiary/Retiree: A person eligible for or receiving benefits from the retirement system.

COLA: Cost of living annual pension increase, the effective date varies, dependent on applicable code.

Inactive participant: a deferred pensioner or annuitant.

Maximum Salary Cap: Based on the Internal Revenue Code applicable for participants after January 01, 1996, if applicable.

Provisions: Plan provisions are general and are not all inclusive. For a better understanding of the plan’s provisions review the corresponding Article of the Illinois Pension Code.

Rate of Compensation: Actual rate upon which the compensation of an individual is calculated at any time as certified on a payroll.

Tier 2: Individual who first became a participant on or after January 1, 2011.

Total Employee Contribution Percentage: Percentage is the sum of all required contributions, if refunded, or not applicable at the time of retirement, a portion may be refunded. Varies based on provisions of the pension code approximately - employee contributions 7.0%, automatic annuity increase .5%, and spouse and survivor 1.5%.

Type of Plan: A defined pension plan which provides retirement annuities and other benefits for employees, for survivors, dependents, and other beneficiaries of such employees.

ILLINOIS PENSION CODE – ARTICLE 5
POLICEMEN’S ANNUITY AND BENEFIT FUND OF CHICAGO

LEGISLATIVE AMENDMENTS

The State of Illinois fiscal year July 1 – June 30 was used to list the legislative amendments

Effective Fiscal Year 2016 Legislative amendments having an impact on the System:

Public Act 99-462: effective date August 25, 2015: Sets aspirational goals that, beginning January 1, 2016, at least 20% of the total funds under management be managed by emerging investment managers and that at least 20% of the investment advisors be minorities, females, and persons with disabilities. And a goal that at least 20% of contracts for “information technology services,” “accounting services,” “insurance brokers,” “architectural and engineering services” and “legal services” be awarded to businesses owned by minorities, females and persons with disabilities

P.A. 99-506: Effective May 30, 2016: Changes Funding policy. Specifies the amount the City of Chicago must pay to the fund in million by fiscal year: 2016-\$420, 2017-\$464, 2018-\$500, 2019- \$557, and 2020-\$579. Thereafter, it shall be an amount that is equal to the normal cost of the fund, plus an amount sufficient to bring the total assets up to 90% of total actuarial liabilities by 2055. Actuarial cost method changed to entry age normal also, includes provisions for funding from any proceeds received by the city in relation to the operation of a casino. Provides a mechanism to enforce funding through mandamus (judicial remedy in the form of an order) and creates a new minimum retirement annuity provision equal to 125% of the federal poverty level for certain individuals.

Public Act 99-905: effective November 29, 2016: Specifies the manner of calculating the Tier 2 Surviving spouse’s annuity for tier 2 and provides that tier 2 duty-death benefits are not payable where the death is the result of an intervening cause. Also, adds provisions for a minimum surviving spouse’s annuity equal to 125% of the federal poverty level. Increased Tier 1 automatic annual increase in retirement annuity for person born after December 31, 1954 but before January 1, 1966. Amends the State Mandates Act to require implementation without reimbursement

Effective Fiscal Year 2017 Legislative amendments having an impact on the System:

Public Act 99-683 effective July 29, 2016: Provides that the retirement system must implement a procedure to identify deceased annuitants by June 30, 2017. The procedure must include the requirement that the system check for deceased annuitants at least once per month. The bill also requires that the systems shall have access to the Illinois Department of Public Health vital records. No reimbursement by the State is required for the implementation.

P.A. 100-0334 effective August 25, 2017: States a person otherwise entitled to a survivor benefit and who has been convicted of a felony in connection with the service rendered by the member, is not eligible for such survivor benefit, if such conviction was after the effective date. For participants that first becomes members after the effective date the change is a condition of employment

Effective Fiscal Year 2018 Legislative amendments having an impact on the System:

Public Act P.A. 100-1148 effective December 10, 2018: Technical correction related to filing copies of the report as required by Section 3.1 of the General Assembly Organizational Act and with the State Government Report Distribution Center for the General Assembly.

ILLINOIS PENSION CODE – ARTICLE 6

FIREMEN'S ANNUITY AND BENEFIT FUND OF CHICAGO

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending : 12/31	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	4,289	4,120	3,930	3,701	3,420
Number of Inactive Participants Vested	16	16	21	16	21
Number of Inactive Participants Not vested	23	25	28	26	26
Salary Expense	\$1,469,445	\$1,335,769	\$1,343,950	\$1,179,618	\$1,066,489
Number of Beneficiaries/Retirees	4,704	4,732	4,780	4,885	5,026
Beneficiary/ Retiree Pension Expense	\$443,743,202	\$449,037,894	\$461,906,144	\$452,794,618	\$440,786,992
Beneficiaries' / Retirees Health Pension Expense	See above	See above	See above	See above	See above
Pension Data (Traditional Defined Benefit Plan Only)	Tier 2				
For Fiscal Year Ending	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	519	612	827	908	1,062
Number of Inactive Participants Vested	0	0	0	0	0
Number of Inactive Participants Not vested	26	35	39	39	42
Salary Expense	\$105,530	\$138,033	\$129,252	\$154,948	\$141,306
Number of Beneficiaries/Retirees	0	0	0	1	2
Beneficiary/ Retiree Pension Expense	0	0	0	\$5,863	\$29,109
Beneficiaries' / Retirees Pension Expense	See above	See above	See above	See above	See above

ILLINOIS PENSION CODE – ARTICLE 6
FIREMEN’S ANNUITY AND BENEFIT FUND OF CHICAGO

Traditional Define Plan Detail:	Tier 1	Tier 2
Maximum Salary Cap	\$275,000 limit set under section 401 (a) (17) of the IRS code, if applicable.	\$113,645
Total Employee Contribution %	9.125%	9.125%
Salary Used for Regular Pension (Defined)	Compensation attached to rank	Compensation attached to rank
Salary Used for Disability Benefit	Annual Salary at the date of injury (calculated as a full year).	Annual Salary at the date of injury (calculated as a full year)
Employer Share of Normal Cost from Actuarial Valuation		
Cost of Living Adjustment	An automatic increase one year after retirement with twenty or more years of service, or age 60, at 1½% of original annuity for each year lived after retirement subject to a maximum of twenty increases. If born prior to 01/01/1966 rate is 3% maximum is not applicable.	An automatic increase on the January 1st after age 60 or January 1st after one year of retirement (whichever is later), at the lesser of 3% of ½ the CPI-U (not less than zero). This amount was 1.1% in 2018.
Source of Employer Funds	Tax Levy	Tax Levy
Vesting at	10 Years	10 years
Age Requirement Minimal for Pension	50	55
Length of Service for Full Pension	20	10
Compulsory Retirement Age	Yes, 63 for firefighters, none for EMT	Yes, 63 for firefighters, none for EMT
Reduction for Early Retirement	Not applicable	Yes, at 50 with a reduction ½ of 1% for each month below age 55
Basic Rate of Annuity	Money Purchase based on age, contributions and years of service. Minimum Formula based on age, salary and years of service. 50% of average salary for 1st 20 yrs. of service plus 2.5% year or fraction thereof after reaching 20 yrs./service.	2.5% of average salary for each complete year of service.

Traditional Define Plan Detail:	Tier 1	Tier 2
Minimum Annuity % / Amount	\$1,2,64.58 or 125% pf the Federal Poverty level at age 50/20yrs	None
Maximum Annuity %	75% of final average salary	75% of final average salary
Spouse's Annuity	Yes	Yes
Child's Annuity	Yes	Yes
Parent's Annuity	Yes, if there is no spouse/ or child and firefighter was contributing to the parent's support	Yes, if there is no spouse/ or child and firefighter was contributing to the parent's support
Beneficiary/Retiree Health Insurance Coverage	Yes	Yes
Single-Sum Death Benefits	\$12,000 but reduced by \$400 for each year over 49 (minimum is \$6,000) while active. \$6,000 while retired if qualify	\$12,000 but reduced by \$400 for each year over 49 (minimum is \$6,000) while active. \$6,000 while retired if qualify
Rate of Interest for buyback of Creditable Service/reinstatement:	8.0%	8.0%
Allowed voluntary refunds of contributions?	Yes, refund consists of all member contributions and 3% interest per year if don't qualify for annuity	Yes, refund consists of all member contributions and 3% interest per year if don't qualify for annuity
Non-Duty Disability Percentage	50% (less 9% for contributions) for lesser of 5 yrs. or ½ length of service (not entitled if eligible for minimum formula annuity.	50% (less 9% for contributions) for lesser of 5 yrs. or ½ length of service
Duty Disability Benefit Percentage	75% until mandatory retirement	75% until mandatory retirement
Occupational Disability Percentage	65% until mandatory retirement	65% until mandatory retirement

Website: <http://fabf.org/>

Tier 3 information (if applicable otherwise leave blank)

None

ILLINOIS PENSION CODE – ARTICLE 6
FIREMEN’S ANNUITY AND BENEFIT FUND OF CHICAGO

DEFINITION OF / ADDITIONAL INFORMATION

Accumulation Annuity: At age 50 or more, with 10 or more years of service, the employee is entitled to an annuity based on the sums accumulated for age and service annuity plus 1/10 of the sum accumulated from the contributions by the City for the age and service annuity for each completed year of service after the first 10 years. At age 50 or more with 20 or more years entitled to an annuity based on all sums accumulated to his or her credit. Maximum is 75 percent.

Annuity/Pension: Terms are used interchangeably relating to retirement benefit.

Basic Rate of Annuity: 2.5% for each year of service or fraction thereof (must have attained 20 years, for tier 1 employees). 2.5% for each complete year of service (must have attained 10 years for tier 2 employees).

Beneficiary/Retiree: A person eligible for or receiving benefits from the retirement system.

COLA: Cost of living annual pension increase, the effective date varies, dependent on applicable code

Compulsory Retirement: Separation of a fireman from the service due to his reaching age 63 beyond which the fireman is prohibited from working as a fireman. There is no compulsory retirement age for paramedics.

Compulsory Retirement benefit: At compulsory retirement age 63 with less than 20 years of service and more than 10 years of service the employee is entitled to a minimum annuity equal to 30 percent of final average salary for the first 10 years of service plus an additional 2 percent for each year or fraction thereof in excess of 10, not to exceed 50 percent of final average salary (for tier 1 employees).

Inactive participant: a deferred pensioner or annuitant.

Maximum Salary Cap: Based on the Internal Revenue Code applicable for participants after January 01, 1996, if applicable for tier 1 employees. Based on the CPI-U for tier 2 employees.

Money-purchase pension plan: A pension plan in which employer and employee make contributions based on a percentage of annual salary, in accordance with the terms of the plan. Upon retirement, the amount of contributions in the member's account can be used to purchase an annuity, dependent on applicable code.

Normal cost: Percentage of the part of the actuarial present value of all future benefit payments and appropriate administrative expenses assigned to the current year under the actuarial valuation method used by the plan (excluding any amortization of the unfunded accrued liability).

Provisions: Plan provisions are general and are not all inclusive. For a better understanding of the plan’s provisions review the corresponding Article of the Illinois Pension Code.

Salary: Amount of the annual salary attached to the permanent career service rank held by the fireman with exception and provisions outline in {40 ILCS 5/6-111}

Tier 2 member: An individual who first became a participant on or after January 1, 2011.

Total Employee Contribution Percentage: Percentage is the sum of all required contributions, if refunded, or not applicable at the time of retirement, a portion may be refunded. Varies based on provisions of the pension code employee contributions 7.25%, automatic annuity increase .375%, and spouse and survivor 1.5%, 0.125% for ordinary disability benefits.

Type of Plan: A defined pension plan which provides retirement annuities and other benefits for employees, for survivors, dependents, and other beneficiaries of such employees.

ILLINOIS PENSION CODE – ARTICLE 6
FIREMEN’S ANNUITY AND BENEFIT FUND OF CHICAGO

LEGISLATIVE AMENDMENTS

Effective Fiscal Year 2015 Legislative amendments having an impact on the System:

Public Act 98-1022: effective date August 22, 2014: Amends the Illinois Pension Code Requires by January 1, 2015 that investment managers and consultants entering into a contract to disclose information on use of vendors owned by minorities, females, and persons with disabilities. Act requires consideration within the bounds of financial and fiduciary prudence. Defines “minority investment managers” and requires funds to adopt a policy to increase goals for utilization. Act requires an annual review. Declares it is the public policy of the State to encourage use of minority investment managers.

Effective Fiscal Year 2016 Legislative amendments having an impact on the System:

Public Act 99-462: effective date August 25, 2015: Sets aspirational goals that, beginning January 1, 2016, at least 20% of the total funds under management be managed by emerging investment managers and that at least 20% of the investment advisors be minorities, females, and persons with disabilities. And a goal that at least 20% of contracts for “information technology services,” “accounting services,” “insurance brokers,” “architectural and engineering services” and “legal services” be awarded to businesses owned by minorities, females and persons with disabilities.

Public Act 99-506: effective May 30, 2016: A change in funding policy, specifies the funding amount required to be paid by the City of Chicago’s to the fund. Starting in 2021, the City’s total required contribution to the fund shall be an amount that is equal to the normal cost of the fund, plus an amount sufficient to bring the total assets to 90% of total actuarial liabilities by 2055. Changes actuarial cost method to entry age normal. Includes provisions for funding from any proceeds received by the city in relation to the operation of a casino. Provides a mechanism to enforce funding through mandamus (judicial remedy in the form of an order) and creates a new minimum retirement annuity provision equal to 125% of the federal poverty level for certain individuals.

Public Act 99-793: effective August 12, 2016: Authorizes the Board of Trustees of the Fund to lend securities owned by the Fund to a borrower upon such terms and conditions as may be mutually agreed upon. Requires the agreement to provide that during the period of the loan the Fund shall retain the right to receive, or collect from the borrower, all dividends, interest rights, or any distributions to which the Fund would have otherwise been entitled. Provides that the borrower shall deposit with the Fund, as collateral, cash equal to the market value of the securities at the time the loan is made and shall increase the amount of collateral if and when the Fund requests an additional amount because of subsequent increased market value of the securities. Provides that the period for which the securities may be loaned shall not exceed one year, and the loan agreement may specify earlier termination by either party upon mutually agreed conditions.

Authorizes the board of trustees of the Fund to have any records kept by the board photographed, microfilmed, or digitally or electronically reproduced in accordance with the Local Records Act and provides that the photographs, microfilm, and digital and electronic reproductions shall be deemed original records and documents for all purposes, including introduction in evidence before all courts and administrative agencies.

Public Act 99-905: effective November 29, 2016: Specifies the manner of calculating the Tier 2 Surviving spouse’s annuity for tier 2 and provides that tier 2 duty-death benefits are not payable where the death is the result of an intervening cause. Adds provisions for a minimum surviving spouse’s annuity equal to 125% of the federal poverty level. Increases the Tier 1 automatic annual increase in retirement annuity for person born after December 31, 1954 but before January 1, 1966. Amends the State Mandates Act to require implementation without reimbursement

Effective Fiscal Year 2017 Legislative amendments having an impact on the System:

Public Act 99-683 effective July 29, 2016: Provides that each retirement system must implement a procedure to identify deceased annuitants. The procedure must include the requirement that the system check for deceased annuitants at least once per month. The bill also requires that the systems shall have access to the Illinois Department of Public Health vital records.

Public Act 100-0334 effective August 25, 2017: Provides the forfeiture of benefits for any person who otherwise would receive a survivor benefit who is convicted of any felony relating to or arising out of or in connection with the service of the member from whom the benefits result.

Public Act 100-0539 effective November 7, 2017: For firemen born after December 31, 1954, but before January 1, 1966, changed the initial increase granted and provides for a 3% increase if a 1.5% increase was previously granted.

Public Act 100-0544 effective November 8, 2017: At any time during the six months following the effective date of the Public Act, an active member may apply for transfer of up to ten years of his or her credible service accumulated in an Article 4 (downstate) pension fund.

Effective Fiscal Year 2018 Legislative amendments having an impact on the System:

Public Act 100-1144 effective November 28, 2018: Authorizes a person to participate in the Chicago Firefighter Article if he or she (1) is or was employed and receiving a salary as a fireman, (2) has at least 5 years of service under the Chicago Firefighter Article, (3) is employed in a position covered under a specified provision of the Chicago Municipal Article relating to aldermen and members of the city council, (4) made an election under the Chicago Municipal Article to not receive service credit or be a participant under that Article, and (5) made an election to participate under the Chicago Firefighter Article. Defines salary for such a person as the lesser of (i) the salary associated with the highest career service rank under the Chicago Firefighter Article or (ii) the actual salary received by that person for service under a specified provision of the Chicago Municipal Article relating to aldermen and member of city council.

Public Act 100-1148 effective December 10, 2018: Technical correction related to filing copies of the report as required by Section 3.1 of the General Assembly Organizational Act and with the State Government Report Distribution Center for the General Assembly.

ILLINOIS PENSION CODE – ARTICLE 7

ILLINOIS MUNICIPAL RETIREMENT SYSTEM

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending : 12/31	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	134,438	126,029	118,396	110,746	103,434
Number of Inactive Participants Vested	12,679	13,050	13,360	13,759	14,071
Number of Inactive Participants Not vested	91,629	88,914	74,829	72,467	70,378
Salary Expense	\$5,674,991,444	\$5,540,346,353	\$5,321,383,464	\$5,124,088,820	\$4,971,211,791
Number of Beneficiaries/Retirees	113,810	118,952	124,050	128,938	133,860
Beneficiary/ Retiree Pension Expense	N/A	N/A	N/A	N/A	N/A
Beneficiaries' / Retirees Pension Expense	\$1,5697,803,089	\$1,729,742,778	\$1,871,510,701	\$2,013,742,561	\$2,160,617,751
Pension Data (Traditional Defined Benefit Plan Only)	Tier 2				
For Fiscal Year Ending	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	39,530	48,069	56,623	64,819	73,083
Number of Inactive Participants Vested	3	4	6	16	15
Number of Inactive Participants Not vested	14,129	19,696	24,409	29,728	35,475
Salary Expense	\$1,057,509,432	\$1,378,991,454	\$1,685,326,800	\$2,003,403,801	\$2,350,267,802
Number of Beneficiaries/Retirees	35	70	82	92	124
Beneficiary/ Retiree Pension Expense	N/A	N/A	N/A	N/A	N/A
Beneficiaries' / Retirees Pension Expense	\$433,448	\$669,894	\$858,227	\$1,199,947	\$1,540,458

Note- Numbers for FY 2014, 2015 and 2016 modified for 10 year versus 8 year vesting from prior report.

ILLINOIS PENSION CODE – ARTICLE 7
ILLINOIS MUNICIPAL RETIREMENT SYSTEM

Traditional Define Plan Detail:	Tier 1	Tier 2
Maximum Salary Cap	N/A	\$113,644.91
Total Employee Contribution %	4.5%	4.5%
Salary Used for Regular Pension (Defined)	Final Rate of Earnings (FRE) Highest consecutive 48 months in the last 10 years.	Final Rate of Earnings (FRE) Highest consecutive 96 months in the last ten years.
Salary Used for Disability Benefit	Average monthly earnings based on the 12 months prior to the month the member became disabled.	Average monthly earnings based on the 12 months prior to the month the member became disabled.
Employer Share of Normal Cost from Actuarial Valuation		
Cost of Living Adjustment	3% of original amount of pension.	0%: increase in the annual salary maximum equals the lesser of 3% or ½ of the CPI-U.
Source of Employer Funds	Tax Levy	Tax Levy
Vesting at	8 Years	10 Years
Age Requirement Minimal for Pension	Age 55/8years, age 60/10 years.	Age 62/10 years, age 67/10 years.
Length of Service for Full Pension	Any age with 35+ years of service.	Any age with 35 years of service.
Compulsory Retirement Age	None	None
Reduction for Early Retirement	At age 55, discount based on age and service reduced ¼ of 1% for the lesser of each month the age is less than age 60 or each month of service less than 35 years.	At the age 62, discount based on age and service reduced by ½ of 1% for the lesser of each month the age is less than 67 or each month of service less than 35 years.
Basic Rate of Annuity	1.67% each of the first 15 years and 2% each year thereafter.	1.67% each of the first 15 years and 2% each year thereafter.
Minimum Annuity % / Amount		
Maximum Annuity %	75%	75%
Spouse's Annuity	One-half of the member's pension.	66 2/3% of member's pension.

Traditional Define Plan Detail:	Tier 1	Tier 2
Child's Annuity	Yes	Yes
Parent's Annuity	None	None
Beneficiary/Retiree Health Insurance Coverage		
Single-Sum Death Benefits	Yes - varies	Yes -varies
Rate of Interest for buyback of Creditable Service/reinstatement:	Based on assumed rate of return in effect for period for service buyback.	Based on assumed rate of return in effect for period for service buyback...
Allowed voluntary refunds of contributions?	Refund of contributions without interest, rules vary.	Refund of contributions without interest, rules vary.
Non-Duty Disability Percentage	None	None
Duty Disability Benefit Percentage	50% of salary	50% of salary
Occupational Disability Percentage	50% of salary	50% of salary

Website: <https://www.imrf.org/>

Tier 3 information (if applicable otherwise leave blank)

Not Applicable

ILLINOIS PENSION CODE – ARTICLE 7
ILLINOIS MUNICIPAL RETIREMENT SYSTEM

DEFINITION OF / ADDITIONAL INFORMATION

Illinois Municipal Retirement Fund (IMRF) serves 3,010 employers including cities, villages, counties, school districts, townships, and various special districts, such as parks, forest preserves, and sanitary districts with populations of 5,000 or more. Each employer contributes to separate accounts to provide future retirement benefits for its employees. IMRF has three pension classifications with different vesting rights, benefit calculations, normal costs, retirement age, disability benefits, and employee contributions.

Annuity/Pension: Terms are used interchangeably relating to retirement benefit. IMRF has three formulas with different vesting rights, benefit calculations, normal costs, retirement age, disability benefits, and employee contributions.

Basic Rate of Annuity: Varies – see tables above.

Beneficiary/Retiree: A person eligible for or receiving benefits from the retirement system.

COLA: Cost of living annual pension/salary limitation the timing of the increase varies dependent on applicable code section.

Inactive participant: a deferred pensioner or annuitant.

Maximum Salary Cap: Based on the Internal Revenue Code applicable for participants after January 01, 1996, if applicable.

Money Purchase Minimum: pension is provided if it exceeds the normal formula amount. The money purchase minimum is the amount that may be purchased by 2.4 times the member's applicable accumulated contributions including interest at current rate 7.25%

Normal cost: Percentage of the part of the actuarial present value of all future benefit payments and appropriate administrative expenses assigned to the current year under the actuarial valuation method used by the plan (excluding any amortization of the unfunded accrued liability).

Other: Regular Plan Members are covered by Federal Social Security and Medicare programs. Social Security and Medicare taxes are paid by the employee and the employer.

Provisions: Plan provisions are general and are not all-inclusive. For a better understanding of the plan's provisions, review the corresponding Article of the Illinois Pension Code.

SLEP: For Sheriffs chief deputies full-time deputy sheriffs Forest Preserve District rangers police chiefs and, airport police

Tier 2 member: An individual who first became a participant on or after January 1, 2011.

Total Employee Contribution Percentage: Percentage is the sum of all required contributions. Regular plan participants' contributions are divided into retirement and survivor benefit, 3.75% and 0.75%, respectively. SLEP and ECO plan participants' contributions are divided into retirement and survivor benefit, 6.75% and 0.75%, respectively.

Type of Plan: A defined pension plan, which provides retirement annuities and other benefits for employees, for survivors, dependents, and other beneficiaries of such employee

ILLINOIS PENSION CODE – ARTICLE 7
ILLINOIS MUNICIPAL RETIREMENT SYSTEM

LEGISLATIVE AMENDMENTS

The State of Illinois' fiscal year, July 1 – June 30, was used to order the legislative amendments based on the effective date.

Effective Fiscal Year 2017 Legislative amendments having an impact on the Fund:

Public Act 99-580 effective July 15, 2016: Amends the Illinois Municipal Retirement Fund (IMRF) Article of the Illinois Pension Code. Deletes the one-year limit on backdating a survivor benefit. Provides that annuity payments for periods before the application date shall be paid without interest based on late payment. Authorizes annuitants previously limited by the one-year limit to reapply for benefits for the period denied. Applies without regard to whether the deceased spouse was in service on or after the effective date of the amendatory Act.

Public Act 99-642 effective July 28, 2016: Describes actions to enforce payments by municipalities and instrumentalities.

Public Act 99-682 effective July 29, 2016: Provides that certain annuitants who received a refund of contributions for survivor benefits may elect to repay the refund, with interest, and have their survivor benefit rights reinstated. It specifies the required time and manner of repayment. Election must be made within one year.

Public Act 99-683 effective July 29, 2016: Provides that each retirement system must implement a procedure to identify deceased annuitants. The procedure must include the requirement that the system check for deceased annuitants at least once per month. The bill also requires that the systems shall have access to the Illinois Department of Public Health vital records.

Public Act 99-745 effective August 5, 2016: Provides that to be required to reimburse certain annuity payments paid to employed or re-employed annuitants, the participating employer must have knowingly failed to notify (rather than the participating employer failed to notify) the Board to suspend the annuity. Reduces the amount that the participating employer may be required to reimburse to one-half of the total of any annuity payments made to the annuitant after the date the annuity should have been suspended. Provides that in no case shall the total amount repaid by the annuitant plus any amount reimbursed by the employer to the Fund be more than the total of all annuity payments made to the annuitant after the date the annuity should have been suspended. Provides that the reimbursement provisions of the amendatory Act do not apply if the annuitant returned to work for the employer for less than 12 months. Requires the Fund to notify all annuitants of the requirement to notify the Fund if they return to work for a participating employer. Requires the Fund to develop and maintain a system to track annuitants who have returned to work

Public Act 99-900 effective August 26, 2016: Amends the Illinois Municipal Retirement Fund (IMRF) Article of the Illinois Pension Code. Provides that a person who holds elective office as a member of a governing body of a participating municipality shall not be considered a participating employee, unless (1) the person has elected to become a participating employee (2) the governing body has filed a resolution certifying that a person in that position is expected to work more than 600 hours (or 1,000 hours if the participating municipality has adopted a specified resolution) and (3) the person has submitted logs evidencing that he or she has met the hourly standard. Requires the resolution to be adopted and filed with the Fund no more than 90 days after the general election in which any member of the governing body was elected. Requires participating governing body members to file the log with the authorized agent of the participating municipality. **Public Act 99-747 effective January 1, 2017:** Amends the Illinois Municipal Retirement Fund (IMRF) Article of the Illinois Pension Code, allows a participant who is terminating service to elect a separation benefit rather than a retirement annuity if his or her annuity would be less than \$100 (now \$30) per month. Effective January 1, 2017.

Public Act 99-830 effective January 1, 2017: Amends the Illinois Pension Code. In the Illinois Municipal Retirement Fund (IMRF) Article, provides that the definition of "employee" does not include a person who on or after the effective date becomes an employee of the following participating instrumentalities: the Illinois Municipal League the Illinois Association of Park Districts the Illinois Supervisors, County Commissioners and Superintendents of Highways Association the United Counties Council the Will County Governmental League or certain other associations and not-for-profit corporations. In the State Universities Article, provides that a person who, on or after the effective date of the amendatory Act,

becomes an employee of any association of community college boards organized under a certain provision of the Public Community College Act, the Association of Illinois Middle-Grade Schools, the Illinois Association of School Administrators, the Illinois Association for Supervision and Curriculum Development, the Illinois Principals Association, the Illinois Association of School Business Officials, or the Illinois Special Olympics shall not be deemed an employee under the Article. Provides that an individual that begins employment after the effective date of the amendatory Act with an entity not defined as an employer in the Article shall not be deemed an employee for the purposes of the Article. Provides that in the case of doubt as to whether any person is an employee, as defined in the Article, the decision of the Board of Trustees shall be final. In the Downstate Teacher Article, provides that an employee of a school board association who becomes an employee after the effective date of the amendatory Act is not a teacher for the purposes of the Article. Provides that in the case of doubt as to whether any person is an employee within the meaning of any rule adopted by the Board, the decision of the Board shall be final.

Effective Fiscal Year 2018 Legislative amendments having an impact on the Fund:

Public Act 100-0935 Effective January 1, 2019: Allows for electronic and phone balloting options to be offered in addition to paper ballots for member and annuitant trustee elections.

Public Act 100-1097 Effective August 26, 2018, but the police chief provision is only applicable to prospective enrollments on or after January 1, 2019: Provides that a person who participated as a police chief under the Downstate Police (Article 3) pension fund and returns to work with the same municipality in any capacity with the police department, with any oversight of the police department, or in an advisory capacity for the police department, regardless of whether he or she is eligible for participation in the Article 3 fund or he or she is considered an employee of the police department is not eligible for IMRF participation. Applicable only to employees who have no IMRF service credit in any capacity prior to January 1, 2019. Also, clarifies that for certain employers permitted to opt their police and/or fire employees in to IMRF SLEP, such election is only applicable for members who are first hired on or after January 1, 2011.

Public Act 100-0902 Effective August 17, 2018: Requires all Illinois pension funds to use best efforts to ensure that the racial and ethnic makeup of its senior administrative staff represents the racial and ethnic makeup of its membership.

ILLINOIS PENSION CODE – ARTICLE 8

MUNICIPAL EMPLOYEES ANNUITY & BENEFIT FUND OF CHICAGO

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending: 12/31	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	22,931	21,711	20,252	19,586	18,372
Number of Inactive Participants Vested	1,865	1,900	1,956	1,933	2,014
Number of Inactive Participants Not vested	13,630	14,368	14,920	15,616	15,561
Salary Expense	\$1,602,977,593	\$1,643,480,973	\$1,646,939,238	\$1,686,532,720	\$1,734,595,691
Number of Beneficiaries/Retirees	25,272	25,362	25,628	25,755	25,899
Beneficiary/ Retiree Pension Expense	\$754,391,331	\$782,083,805	\$813,092,340	\$842,632,392	\$878,738,782
Beneficiaries' / Retirees Pension Expense-Disability	\$9,050,883	\$8,491,284	\$7,725,538	\$11,711,092	\$10,415,725
Pension Data (Traditional Defined Benefit Plan Only)	Tier 2				
For Fiscal Year Ending	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	7,229	8,972	10,044	9,349	8,248
Number of Inactive Participants Vested	n/a	n/a	n/a	n/a	n/a
Number of Inactive Participants Not vested	n/a	n/a	n/a	n/a	n/a
Salary Expense	n/a	n/a	n/a	n/a	n/a
Number of Beneficiaries/Retirees	n/a	n/a	n/a	n/a	n/a
Beneficiary/ Retiree Pension Expense	n/a	n/a	n/a	n/a	n/a
Beneficiaries' / Retirees Pension Expense	n/a	n/a	n/a	n/a	n/a

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 3				
For Fiscal Year Ending: 12/31	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	n/a	n/a	n/a	1,987	4,665
Number of Inactive Participants Vested	n/a	n/a	n/a	n/a	n/a
Number of Inactive Participants Not vested	n/a	n/a	n/a	n/a	n/a
Salary Expense	n/a	n/a	n/a	n/a	n/a
Number of Beneficiaries/Retirees	n/a	n/a	n/a	n/a	n/a
Beneficiary/ Retiree Pension Expense	n/a	n/a	n/a	n/a	n/a
Beneficiaries' / Retirees Pension Expense	n/a	n/a	n/a	n/a	n/a

ILLINOIS PENSION CODE – ARTICLE 8

MUNICIPAL EMPLOYEES ANNUITY & BENEFIT FUND OF CHICAGO

Traditional Define Plan Detail:	Tier 1 FY 2017 & 2018	Tier 2 FY 2017 & 2018
Maximum Salary Cap	\$270,000 FY 2017 & \$ 275,000 FY2018	\$112,408 FY 17, \$113,645 FY 18
Total Employee Contribution %	8.5%	8.5%
Salary Used for Regular Pension (Defined)	Final Avg. Salary(FAS): highest 4 years of service of last 10 years	Final Avg. Salary(FAS): highest 8 years of service of last 10 years
Salary Used for Disability Benefit	Not Applicable	Not Applicable
Employer Share of Normal Cost from Actuarial Valuation	Not Applicable	Not Applicable
Cost of Living Adjustment	3%	increase in the annual salary maximum equals the lesser of 3% or ½ of the CPI-U
Source of Employer Funds	Employer Discretion	Employer Discretion
Vesting at	10	10
Age Requirement Minimal for Pension	50/ w 30 yrs. service 55 w 20 yrs., 60 w' 10 yrs.	62/10 yrs. reduced
Length of Service for Full Pension	50/ w 30 yrs. service 55 w 25 yrs., 60 w' 10 yrs. Maximum is 80% with 33.5 yrs. of Service	67/w 10 yrs.
Compulsory Retirement Age	None	None
Reduction for Early Retirement	Yes, if less than 25 yrs. of service reduction at 55, 1/4 of 1% for each month below age 60:	Yes, at 62 with a reduction ½ of 1% for each month below age 67
Basic Rate of Annuity	2.4%	2.4%
Minimum Annuity % / Amount	2.4% / yrs. of service	2.4% / yrs. of service
Maximum Annuity %	80% of final average salary	80% of final average salary
Spouse's Annuity	Yes	Yes

Traditional Define Plan Detail:	Tier 1 FY 2017 & 2018	Tier 2 FY 2017 & 2018
Child's Annuity	Yes	Yes
Parent's Annuity	None	None
Beneficiary/Retiree Health Insurance Coverage	None	None
Single-Sum Death Benefits	Not Applicable	Not Applicable
Rate of Interest for buyback of Creditable Service/reinstatement:	3% compounded	3% compounded
Allowed voluntary refunds of contributions?	Yes, before age 55 or 60 and less than 10/yrs. {member's contributions with interest plus .50% of contributions that are classified as annuity increase w/o interest.	Yes, before age 62 or less than 10/yrs. {member's contributions with interest plus .50% of contributions that are classified as annuity increase w/o interest.
Non-Duty Disability Percentage	Temporary (50% salary as of the last day of work from 31 st day if sick leave exhausted Termination at the lesser of 5 years or 25% total service.	Same as T1
Duty Disability Benefit Percentage	None	None
Occupational Disability Percentage	Until age 65 75% of salary date of injury, 50% if pre-existing condition prevails.	Same as T1

Traditional Define Plan Detail:	Tier 3
Maximum Salary Cap	112, 408 FY 17,\$113,645 FY2018
Total Employee Contribution %	Lesser of 11.5% or the Normal Cost of the accrued benefit calculated on an annual basis not less than 8.5%
Salary Used for Regular Pension (Defined)	Same as Tier 2
Salary Used for Disability Benefit	Not Applicable
Employer Share of Normal Cost from Actuarial Valuation	Not Applicable
Cost of Living Adjustment	Same as Tier 2
Source of Employer Funds	Employer Discretion
Vesting at	10
Age Requirement Minimal for Pension	60/10 yrs. reduced
Length of Service for Full Pension	65/10 yrs.
Compulsory Retirement Age	None
Reduction for Early Retirement	Yes, at 60 with a reduction ½ of 1% for each month below age 65
Basic Rate of Annuity	2.4%
Minimum Annuity % / Amount	2.4%/yrs. of service
Maximum Annuity %	80% of final average salary
Spouse's Annuity	Yes
Child's Annuity	Yes
Parent's Annuity	None
Beneficiary/Retiree Health Insurance Coverage	None

Traditional Define Plan Detail:	Tier 3
Single-Sum Death Benefits	Not applicable
Rate of Interest for buyback of Creditable Service/reinstatement:	3% compounded
Allowed voluntary refunds of contributions?	Yes, before age 60 or less than 10 yrs. (member's contributions with interest plus .5% of contributions that are classified as annuity increase w/o interest)
Non-Duty Disability Percentage	Same as Tier 1
Duty Disability Benefit Percentage	none
Occupational Disability Percentage	Same as Tier 1

Website: <https://www.meabf.org/>

MUNICIPAL EMPLOYEES ANNUITY & BENEFIT FUND OF CHICAGO

DEFINITION OF / ADDITIONAL INFORMATION

Annuity/Pension: Terms are used interchangeably relating to retirement benefit.

COLA: Cost of living annual pension increase, the effective date varies, dependent on applicable code.

Elected City Officer's Optional Plan: An alternative plan for elected officials of 3% of final salary for the first eight years, 4% for the next four years, and 5% thereafter, subject to an 80% maximum, is available. The elected official must contribute an additional 3% of salary to receive these benefits. This plan also includes alternative widow and disability benefit formulas.

Money-purchase pension plan: A pension plan in which employer and employee make contributions based on a percentage of annual salary, in accordance with the terms of the plan. Upon retirement, the amount of contributions in the member's account can be used to purchase an annuity, dependent on applicable code.

Salary the actual amount of the annual salary attached to an appropriation with exception and provisions outlined in [40 ILCS 8/117].

Tier 2: An individual who first became a participant on or after January 1, 2011.

Tier 3: An individual who first became a participant on or after July 6, 2017 or a Tier 2 member who irrevocably elected between October 1 and November 15, 2017 to be subject to Tier 3 eligibility conditions and contribution levels ("Elective Tier 3 Member").

Total Employee Contribution Percentage: Percentage is the sum of all required contributions, if refunded, or not applicable at the time of retirement, a portion may be refunded. Varies based on provisions of the pension code Tier 1 and 2 employee contributions 6.5%, automatic annuity Increase .5%, and spouse and survivor 1.5%. Tier 3 employee contributions 9.5%, automatic annuity Increase .5%, and spouse and survivor 1.5%. Beginning January 1, 2018 members would contribute the lesser of 11.5% or the normal cost of the accrued benefit calculated on an annual basis not less than 8.5%

Type of Plan: A defined pension plan which provides retirement annuities and other benefits for employees, for survivors, dependents, and other beneficiaries of such employees.

Fiscal Year: The State of Illinois fiscal year July 1 – June 30 was used to list the legislative amendments

Notes explaining changes and Differences in Annual Report

Fiscal year 2014 head count was changed to 25,272 from 24,855. Disability of 420 was added and 3 for deferred was removed. Deferred should not be included because there are no expenses for deferred pension.

Fiscal year 2015 head count was changed to 25,362 from 24,964. Disability of 400 was added and 2 for deferred was removed. Deferred should not be included because there are no expenses for deferred pension. **Also, annual report for 2015** is missing head count of 134 for revisionary which is included in Biennial number.

Fiscal year 2016 head count was changed to 25,628 from 25,236. Disability of 394 was added and 2 for deferred was removed. Deferred should not be included because there are no expenses for deferred pension. **Also, annual report for 2016** is missing head count of 128 for revisionary which is included in Biennial number.

MUNICIPAL EMPLOYEES ANNUITY & BENEFIT FUND OF CHICAGO

LEGISLATIVE AMENDMENTS

Public Act 100-0023 effective July 6, 2017 Creates a new tier of benefits eligibility and contribution requirements for members (Tier 3) who first become member on or after the effective date of the Act. Benefit structure is consistent with Tier 2 members but with different member contribution rate and different retirement age. Required law department employee first hired after the effective date of the Act to be members of the Fund. Increased the city contribution rate to the Fund from 2018 to 2022 (ramp period) and then city is to begin paying a required contribution to achieve 90% funding in 40 years. Provides any refund to a person who was convicted of a felony that was in relation to their service as a municipal employee, shall be reduced by any benefit received by the person prior to the calculation of the refund. This relates to person who first became members after the effective date of the Act. Provides the Fund ability to subrogate a disability injury of a member that was caused by a third party. Closes the Alternative Annuity for City Officer Plan to officers who first become an elected officer after the effective date of the act.

Public Act 100-00334 effective August 25, 2017 Provides for the forfeiture of benefits for any person who otherwise would receive a survivor benefit who is convicted of any felony relating to or arising out of or in connection with the service of the member from whom the benefit results. This legislation will not affect any right to survivor benefits prior to the effective date of this Act.

Public Act 100-0542 effective November 8, 2017 Amends the General Provisions Article 1 of the Illinois Pension Code. Requires an investment consultant to annually disclose to the Board (of a retirement system, pension fund, or investment board) total searches conducted for investment services in the prior year. Total searches conducted for investment services in the prior year that include minority owned, female owned, or businesses owned by persons with a disability (MWDBE), number of MWDBE recommendations made, and amounts awarded to the MWDBE. Requires a consultant to disclose any compensation or economic opportunity received in the last 24 months from any investment advisors recommended to or retained by the Board (of a retirement system, pension fund, or investment board). Requires consideration of these disclosures before awarding any contract for consulting services.

Public Act 100-1166 effective January 4, 2019 is a trailer bill to Public Act 100-0023. It clarifies what qualifies a participant as a Tier 3 member and it clarifies the member contribution rate once MEABF achieves 90% funding.

Public Act 101-0011 effective June 7, 2019 Amends the Cook County Article of the Illinois Pension Code. Provides that a participant may establish service credit and earnings credit for periods of furlough beginning on or after December 1, 2017 and ending on or before November 30, 2018 if the participant applies before December 31, 2019, makes a specified contribution, and meets other criteria. Provides that a participant may establish earnings credit for periods of salary reduction beginning on or after December 1, 2017 and ending on or before November 30, 2018 if the participant applies before December 31, 2019, makes a specified contribution, and meets other criteria. Amends the State Mandates Act to require implementation without reimbursement.

Public Act 101-0069 effective July 12, 2019 Amends the Chicago Municipal Article of the Illinois Pension Code. Provides that the date on which an annuity payment period begins shall not be prior to termination or more than one year prior to receipt by the board of the written application for benefits. Provides that each disabled employee who receives duty or ordinary disability benefit shall be examined at least once a year, or a longer period of time as determined by the board (rather than shall be examined at least once a year), by one or more licensed and practicing physicians appointed by the board. Provides that an annuitant who directs the board to pay the annuity due him or her to a financial institution shall hold the board and Fund harmless from any claim or loss related to any error as to whether the financial institution is or continues to be federally insured. Removes a provision concerning the payment of benefits to certain persons confined in publicly owned and operated mental institutions.

Public Act 101-0081 effective July 12, 2019 An ACT to revise the law by combining multiple enactments and making technical corrections. This Act may be cited as the First 2019 General Revisory Act. This Act is not intended to make any substantive change in the law. It reconciles conflicts that have arisen from multiple amendments and enactments and makes technical corrections and revisions in the law. This Act revises and, where appropriate, renumbers certain Sections that have been added or amended by more than one Public Act. In certain cases, in which a repealed

Act or Section has been replaced with a successor law, this Act may incorporate amendments to the repealed Act or Section into the successor law. This Act also corrects errors, revises cross-references, and deletes obsolete text. Public Acts 100-534 through 100-1177 were considered in the preparation of the combining revisories included in this Act.

ILLINOIS PENSION CODE – ARTICLE 9

COUNTY EMPLOYEES’ AND OFFICERS’ ANNUITY AND BENEFIT FUND OF COOK COUNTY

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending: 12/31	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	18,255	17,205	16,229	15,205	14,216
Number of Inactive Participants Vested	1,309	1,371	1,489	1,529	1,589
Number of Inactive Participants Not vested	10,941	10,519	10,666	10,798	10,523
Salary Expense	\$1,319,939,432	\$1,325,998,622	\$1,300,478,512	\$1,250,174,976	\$1,186,799,536
Number of Beneficiaries/Retirees	17,074	17,953	17,904	18,211	18,596
Member Beneficiary/ Retiree Pension Expense	\$622,003,259	\$676,470,215	\$706,186,225	\$661,594,080	\$704,246,643
Beneficiaries’ / Retirees Pension Expense	\$87,304,062	\$95,469,716	\$101,186,264	\$51,858,792	\$55,962,295
Pension Data (Traditional Defined Benefit Plan Only)	Tier 2				
For Fiscal Year Ending	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	3,401	4,391	4,740	5,144	5,455
Number of Inactive Participants Vested	-	-	-	-	-
Number of Inactive Participants Not vested	944	1,300	1,850	2,297	2,786
Salary Expense	\$194,610,591	\$246,418,676	\$279,772,743	\$352,811,507	\$389,858,623
Number of Beneficiaries/Retirees	2	4	5	6	6
Beneficiary/ Retiree Pension Expense	-	-	-	-	-
Beneficiaries’ / Retirees Pension Expense	\$4,186	\$9,082	\$14,906	\$15,310	\$20,809

ILLINOIS PENSION CODE – ARTICLE 9

COUNTY EMPLOYEES’ AND OFFICERS’ ANNUITY AND BENEFIT FUND OF COOK COUNTY

Traditional Define Plan Detail:	Tier 1	Tier 2
Maximum Salary Cap	Currently \$280,000 limit set under section 401 (a)(17) of the IRS code, if applicable	Statutory amount as calculated by the Department of Insurance
Total Employee Contribution %	8.5%	8.5%
Salary Used for Regular Pension (Defined)	Final AVG Salary (FAS): highest 48 consecutive months within the last 10 years	Final AVG Salary (FAS): AVG highest last 96 months within last 10 years
Salary Used for Disability Benefit	Final Rate of Earnings at time of disability	Final Rate of Earnings at time of disability
Employer Share of Normal Cost from Actuarial Valuation	N/A	N/A
Cost of Living Adjustment	3%	% equals the lesser of 3% or ½ the CPI-U increase
Source of Employer Funds	Pegged Levy	Pegged Levy
Vesting at	60/10 yrs.	67/10 yrs.
Age Requirement Minimal for Pension	50/10 yrs. at reduced rate, age 60 for full rate	62/10Yrs at reduced rate, age 67 for full rate
Length of Service for Full Pension	10 years	10 years
Compulsory Retirement Age	None	None
Reduction for Early Retirement	Yes, ½ of 1% for each month below age 60, no discount with 30/ys. of service	Yes, ½ of 1% for each month below age 67
Basic Rate of Annuity	2.4 %	2.4%
Minimum Annuity % / Amount	N/A	N/A
Maximum Annuity %	80%	80%
Spouse’s Annuity	Yes	Yes
Child’s Annuity	Yes	Yes

Traditional Define Plan Detail:	Tier 1	Tier 2
Parent's Annuity	None	None
Beneficiary/Retiree Health Insurance Coverage	Yes	Yes
Single-Sum Death Benefits	Yes, \$1,000	Yes, \$1,000
Rate of Interest for buyback of Creditable Service/reinstatement:	3% for most statutorily allowable repayments	3% for most statutorily allowable repayments
Allowed voluntary refunds of contributions?	Yes, refund consists of all member contributions with interest. Age < 55 and/or < than 10 yrs. of service after separation from employment	Yes, refund consists of all member contributions with interest. Age < 55 and/or < than 10 yrs. of service after separation from employment
Non-Duty Disability Percentage	Temporary 50% from 31st payable until the first of the following shall occur: (a) the disability ceases or (b) the date that total payments equal the lesser of (1) 1/4 of the total service rendered prior to disability, and (2) five years	Temporary 50% from 31st payable until the first of the following shall occur: (a) the disability ceases or (b) the date that total payments equal the lesser of (1) 1/4 of the total service rendered prior to disability, and (2) five years
Duty Disability Benefit Percentage	75%, 50% if pre-existing condition prevails reduced by Workers' Compensation. Received for the Less of 5 years or reaching age 65	75%, 50% if pre-existing condition prevails reduced by Workers' Compensation. Received for the Less of 5 years or reaching age 65
Occupational Disability Percentage	Same as Duty Disability Benefit noted above	Same as Duty Disability Benefit noted above

Website: <https://www.cookcountypension.com/>

Tier 3 (plan type and benefit):

None

COUNTY EMPLOYEES' AND OFFICERS' ANNUITY AND BENEFIT FUND OF COOK COUNTY

DEFINITION OF / ADDITIONAL INFORMATION

The retirement plan provides retirement annuities and other benefits for staff members and employees of the County and for survivors/dependents of the employees.

Annuity/Pension: Terms are used interchangeably relating to retirement benefit.

Basic Rate of Annuity: 2.4% for each year of service entry. Final annuity based on the greater of provisions as outlined by member's entry date.

Beneficiary/Retiree: A person eligible for or receiving benefits from the retirement system.

COLA: Cost of living annual pension increase, the effective date varies, dependent on applicable code.

Inactive participant: a deferred pensioner or annuitant, contributions remain in pension fund.

Money Purchase Annuity. The amount of annuity based on the sum accumulated from the employee's salary deductions for age and service annuity plus 1/10 of the sum accumulated from the contributions by the County for age and service annuity for each completed year of service after the first 10.

Other Pension Formula(s):

Exception: upon attainment of age 65 with 15 years of service or more, an alternative is 1% of average salary per year of service plus \$25 per year.

County Official: Effective June 22, 1988, an elected county official can obtain alternative benefits in lieu of the regular retirement annuity of 3% for each of the first 8 years 4% for the next 4 years and, 5% thereafter up to a maximum of 80% of final salary by contributing 3% of salary plus interest for his service.

Members of County Police Department, if employed as Deputy Sheriffs, who withdraw from service after December 31, 1987, with at least 20 years of service are entitled to an annuity of 50% of average annual salary plus an additional 2% for each year or partial year in excess of 20 years up to a maximum of 80%.

Provisions: Plan provisions are general and are not all inclusive. For a better understanding of the plan's provisions review the corresponding Article of the Illinois Pension Code.

Tier 2 member: An individual who first became a participant on or after January 1, 2011.

Total Employee Contribution Percentage: Percentage is the sum of all required contributions if contributions are refunded, or not applicable at the time of retirement, then a portion of contributions may be refunded. Varies based on provisions of the pension code employee contributions 6.5%, automatic annuity Increase .5%, and spouse and survivor 1.5%. Amount is 9% for county police.

Type of Plan: A defined pension plan which provides retirement annuities and other benefits for employees, for survivors, dependents, and other beneficiaries of such employees.

COUNTY EMPLOYEES' AND OFFICERS' ANNUITY AND BENEFIT FUND OF COOK COUNTY

LEGISLATIVE AMENDMENTS

Effective Fiscal Year 2017 Legislative amendments having an impact on the System:

Public Act 100-0023 Provisions

- Added Optional Tier 3 for new hires. The public act added section 1-162 which allows the Cook County Board (Employer) to opt into a Tier 3 plan. If the plan is adopted by Employer ordinance, it would allow any future new hire to elect the current Tier 2 plan or the new Tier 3 plan.
- Changes will be effective the late of July 1, 2018 or the date the Board adopts an ordinance to adopt the changes.
- If adopted, it would then impact any new hires after six months after the adoption date. The earliest impact would be for new hires on or after January 1, 2019. New hires after January 1, 2019 (or later depending on ordinance date) would have option of the current Tier 2 benefit under section n1-160 or the new hybrid plan established under section 1-162.
- New hires must make an election of which plan within 30 days of becoming a participant. The Fund has the obligation to establish process for making this election and can adopt rules for participation.

Public Act 100-0542 Provisions

- Investment consultants to report annually to the Fund regarding search disclosures for MBE, WBE, and DBE, which has been implemented.
- Annual disclosure of all compensation or economic opportunity received during the last 24 months from investment advisors retained by the Fund which has been implemented.

Public Act 100-0554 Provisions

- Requires the Fund, as a lobbying entity, to have a sexual harassment policy, which has been implemented.

Effective Fiscal Year 2018 Legislative amendments having an impact on the System:

Public Act 100-0794 Provisions

- Amended 5-9/228 to allow payments to be directed to a member's certified and licensed nursing home under limited conditions where they are legally disabled.
- The act requires the nursing home to notify the Fund in the event of the disabled member's death or any other relevant change in their status.

Public Act 100-0902 Provisions

- Amended 5-1/109.1(5) requiring all Illinois pension funds to make best efforts to ensure the racial and ethnic makeup of its senior staff represents the racial and ethnic makeup of its membership.

ILLINOIS PENSION CODE – ARTICLE 10

FOREST PRESERVE DISTRICT EMPLOYEES' ANNUITY AND BENEFIT FUND

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending : 12/31	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	376	369	346	331	301
Number of Inactive Participants Vested	35	35	36	30	33
Number of Inactive Participants Not vested	971	861	950	965	963
Salary Expense	\$22,955,433	\$22,719,944	\$23,077,933	\$23,322,762	\$21,439,302
Number of Beneficiaries/Retirees	535	529	530	527	531
Service Beneficiary/ Retiree Pension Expense	\$12,464,872	\$12,820,708	\$12,896,736	\$13,253,194	\$13,844,830
Beneficiaries' / Retirees Pension Expense	\$2,206,512	\$2,281,100	\$2,523,376	\$2,630,286	\$2,761,444
Pension Data: (Traditional Defined Benefit Plan Only)	Tier 2				
For Fiscal Year Ending	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	149	199	226	217	235
Number of Inactive Participants Vested	-	-	-	-	-
Number of Inactive Participants Not vested	180	253	310	370	414
Salary Expense	\$6,856,479	\$9,287,710	\$11,431,078	\$11,755,411	\$12,632,017
Number of Beneficiaries/Retirees	-	-	-	-	-
Beneficiary/ Retiree Pension Expense	-	-	-	-	-
Beneficiaries' / Retirees Pension Expense	-	-	-	-	-

ILLINOIS PENSION CODE – ARTICLE 10

FOREST PRESERVE DISTRICT EMPLOYEES’ ANNUITY AND BENEFIT FUND

Traditional Define Plan Detail:	Tier 1	Tier 2
Maximum Salary Cap	Currently \$280,000 limit set under section 401 (a) (17) of the IRS code, if applicable	Statutory amount as calculated by the Department of Insurance
Total Employee Contribution %	8.5%	8.5%
Salary Used for Regular Pension (Defined)	Final AVG Salary (FAS): highest 48 consecutive months within the last 10 years	Final AVG Salary (FAS): AVG highest last 96 months within last 10 years
Salary Used for Disability Benefit	Final Rate of Earnings at time of disability	Final Rate of Earnings at time of disability
Employer Share of Normal Cost from Actuarial Valuation	N/A	N/A
Cost of Living Adjustment	3%	% equals the lesser of 3% or ½ of the CPI-U increase
Source of Employer Funds	Pegged Levy	Pegged Levy
Vesting at	10 Years	10 Years
Age Requirement Minimal for Pension	50/10 yrs. at reduced rate, age 60 for full rate	62/10 yrs. at reduced rate, age 67 for full rate
Length of Service for Full Pension	10 yrs.	10 yrs.
Compulsory Retirement Age	None	None
Reduction for Early Retirement	Yes, ½ of 1% for each month below age 60, no discount with 30/ysr. of service	Yes, ½ of 1% for each month below age 67
Basic Rate of Annuity	2.4 %	2.4%
Minimum Annuity % / Amount	N/A	N/A
Maximum Annuity %	80%	80%
Spouse’s Annuity	Yes	Yes
Child’s Annuity	Yes	Yes

Traditional Define Plan Detail:	Tier 1	Tier 2
Parent's Annuity	None	None
Beneficiary/Retiree Health Insurance Coverage	Yes	Yes
Single-Sum Death Benefits	Yes, \$1,000	Yes, \$1,000
Rate of Interest for buyback of Creditable Service/reinstatement:	3% for most statutorily allowable repayments	3%: for credits, transfers, and charges
Allowed voluntary refunds of contributions?	Yes, refund consists of all member contributions with interest. Age < 55 and/or < than 10 yrs. of service after separation from employment	Yes, refund consists of all member contributions with interest. Age < 55 and/or < than 10 yrs. of service after separation from employment
Non-Duty Disability Percentage	Temporary 50% from 31st payable until the first of the following shall occur: (a) the disability ceases or (b) the date that total payments equal the lesser of (1) 1/4 of the total service rendered prior to disability, and (2) five years	Temporary 50% from 31st payable until the first of the following shall occur: (a) the disability ceases or (b) the date that total payments equal the lesser of (1) 1/4 of the total service rendered prior to disability, and (2) five years
Duty Disability Benefit Percentage	75% of, 50% if pre-existing condition prevails reduced by Workers' Compensation. Received for the Less of 5 years or reaching age 65	75% of, 50% if pre-existing condition prevails reduced by Workers' Compensation. Received for the Less of 5 years or reaching age 65
Occupational Disability Percentage	Same as Duty Disability Benefit noted above	Same as Duty Disability Benefit noted above

Tier 3 information(if applicable otherwise leave blank)

None

FOREST PRESERVE DISTRICT EMPLOYEES' ANNUITY AND BENEFIT FUND

DEFINITION OF / ADDITIONAL INFORMATION

The retirement plan provides retirement annuities and other benefits for staff members and employees of the County and for survivors/dependents of the employees.

Annuity/Pension: Terms are used interchangeably relating to retirement benefit.

Basic Rate of Annuity: 2.4% for each year of service entry. Final annuity based on the greater of provisions as outlined by member's entry date.

Beneficiary/Retiree: A person eligible for or receiving benefits from the retirement system.

COLA: Cost of living annual pension increase, the effective date varies, dependent on applicable code.

Inactive participant: a deferred pensioner or annuitant, contributions remain in pension fund.

Money Purchase Annuity. The amount of annuity based on the sum accumulated from the employee's salary deductions for age and service annuity plus 1/10 of the sum accumulated from the contributions by the County for age and service annuity for each completed year of service after the first 10.

Other Pension Formula(s): Exception: upon attainment of age 65 with 15 years of service or more, an alternative is 1% of average salary per year of service plus \$25 per year.

County Official: Effective June 22, 1988, an elected county official can obtain alternative benefits in lieu of the regular retirement annuity of 3% for each of the first 8 years 4% for the next 4 years and, 5% thereafter up to a maximum of 80% of final salary by contributing 3% of salary plus interest for his service. **Members of County Police Department,** if employed as Deputy Sheriffs, who withdraw from service after December 31, 1987, with at least 20 years of service are entitled to an annuity of 50% of average annual salary plus an additional 2% for each year or partial year in excess of 20 years up to a maximum of 80%.

Provisions: Plan provisions are general and are not all inclusive. For a better understanding of the plan's provisions review the corresponding Article of the Illinois Pension Code.

Tier 2 member: An individual who first became a participant on or after January 1, 2011.

Total Employee Contribution Percentage: Percentage is the sum of all required contributions if contributions are refunded, or not applicable at the time of retirement, then a portion of contributions may be refunded. Varies based on provisions of the pension code employee contributions 6.5%, automatic annuity Increase .5%, and spouse and survivor 1.5%. Amount is 9% for county police.

Type of Plan: A defined pension plan which provides retirement annuities and other benefits for employees, for survivors, dependents, and other beneficiaries of such employees.

FOREST PRESERVE DISTRICT EMPLOYEES' ANNUITY AND BENEFIT FUND

LEGISLATIVE AMENDMENTS

Effective Fiscal Year 2017 Legislative amendments having an impact on the System:

Public Act 100-0023 Provisions

- Added Optional Tier 3 for new hires. The public act added section 1-162 which allows the Cook County Board (Employer) to opt into a Tier 3 plan. If the plan is adopted by Employer ordinance, it would allow any future new hire to elect the current Tier 2 plan or the new Tier 3 plan.
- Changes will be effective the late of July 1, 2018 or the date the Board adopts an ordinance to adopt the changes.
- If adopted, it would then impact any new hires after six months after the adoption date. The earliest impact would be for new hires on or after January 1, 2019. New hires after January 1, 2019 (or later depending on ordinance date) would have option of the current Tier 2 benefit under section n1-160 or the new hybrid plan established under section 1-162.
- New hires must make an election of which plan within 30 days of becoming a participant. The Fund has the obligation to establish process for making this election and can adopt rules for participation.

Public Act 100-0542 Provisions

- Investment consultants to report annually to the Fund regarding search disclosures for MBE, WBE, and DBE, which has been implemented.
- Annual disclosure of all compensation or economic opportunity received during the last 24 months from investment advisors retained by the Fund which has been implemented.

Public Act 100-0554 Provisions

- Requires the Fund, as a lobbying entity, to have a sexual harassment policy, which has been implemented.

Effective Fiscal Year 2018 Legislative amendments having an impact on the System:

Public Act 100-0794 Provisions

- Amended 5-9/228 to allow payments to be directed to a member's certified and licensed nursing home under limited conditions where they are legally disabled.
- The act requires the nursing home to notify the Fund in the event of the disabled member's death or any other relevant change in their status.

Public Act 100-0902 Provisions

- Amended 5-1/109.1(5) requiring all Illinois pension funds to make best efforts to ensure the racial and ethnic makeup of its senior staff represents the racial and ethnic makeup of its membership.

ILLINOIS PENSION CODE – ARTICLE 11

LABORERS’ & RETIREMENT BOARD EMPLOYEES’ ANNUITY & BENEFIT FUND OF CHICAGO

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending: December 31	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	2,371	2,284	2,198	2,125	1,998
Number of Inactive Participants Vested	113	113	126	113	120
Number of Inactive Participants Not vested	1,292	1,283	1,278	1,269	1,261
Salary Expense	\$176,193,843	\$173,547,780	\$170,787,919	\$166,968,957	\$163,609,223
Number of Beneficiaries/Retirees	3,902	3,846	3,768	3,702	3,683
Beneficiary/ Retiree Pension Expense ¹	\$139,981,798	\$143,631,400	\$145,563,667	\$148,773,710	\$152,113,371
Retiree/ Beneficiary Health Expense	\$2,359,700	\$2,154,073	\$1,839,998	0	0
Pension Data: (Traditional Defined Benefit Plan Only)	Tier 2				
For Fiscal Year Ending: December 31	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	466	532	624	609	576
Number of Inactive Participants vested	0	0	0	0	0
Number of Inactive Participants Not Vested	44	59	72	87	102
Salary Expense (w/o cap)	\$26,479,171	\$31,225,123	\$37,366,999	\$37,905,461	\$39,985,854
Number of Beneficiaries/Retirees	0	0	1	1	5
Beneficiary/ Retiree Pension Expense	0	0	\$3,000	\$3,000	\$11,558
Retiree/ Beneficiary Health Expense	0	0	0	0	0

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 3				
For Fiscal Year Ending: December 31	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	NA	NA	NA	60	141
Number of Inactive Participants vested	NA	NA	NA	0	0
Number of Inactive Participants Not Vested	NA	NA	NA	0	6
Salary Expense (w/o cap)	NA	NA	NA	\$3,610,162	\$7,938,779
Number of Beneficiaries/Retirees	NA	NA	NA	0	0
Beneficiary/ Retiree Pension Expense	NA	NA	NA	0	0
Retiree/ Beneficiary Health Expense	NA	NA	NA	0	0

ILLINOIS PENSION CODE – ARTICLE 11

LABORERS' & RETIREMENT BOARD EMPLOYEES' ANNUITY & BENEFIT FUND OF CHICAGO

Traditional Define Plan Detail:	Tier 1	Tier 2	Tier 3
Maximum Salary Cap 2017	\$270,000 limit set under section 401 (a) (17) of the IRS Code, if applicable.	112,408	Same as Tier 2
Maximum Salary Cap 2018	\$275,000 limit set under section 401 (a) (17) of the IRS Code, if applicable.	113,645	Same as Tier 2
Total Employee Contribution %	Total - 8.5%	Same as Tier 1	Total - 11.5%
Salary Used for Regular Pension (Defined)	Final Avg. Salary (FAS) is based on highest 4 years of salary within the last 10 years of service.	Final Avg. Salary (FAS) is based on highest 8 years of salary within the last 10 years of service.	Same as Tier 2
Salary Used for Disability Benefit	Salary at the last day of worked for Ordinary Disability or date of injury for Duty Disability.	Same as Tier 1	Same as Tier 1
Employer Share of Normal Cost from Actuarial Valuation 2016 for 2017 2	\$19,354,089	\$1,863,087	NA
Employer Share of Normal Cost from Actuarial Valuation 2017 for 2018	\$18,783,843	\$2,249,052	\$234,666
Employer Share of Normal Cost from Actuarial Valuation 2018 for 2019	\$19,916,456	\$2,517,263	\$486,100
Cost of Living Adjustment	3% Compounded	Increases are equal to the lesser of 3% or ½ of the percentage increase in the CPI-u during the preceding 12 months, applied to original annuity.	Same as Tier 2
Source of Employer Funds	Tax Levy or other lawfully available funds.	Same as Tier 1	Same as Tier 1
Vesting at	10 yrs.	Same as Tier 1	Same as Tier 1

Traditional Define Plan Detail:	Tier 1	Tier 2	Tier 3
Age/Service Requirement for Minimum Formula Annuity Pension	55/20 yrs. reduced below age 60 50/30 yrs., 55/25 yrs., 60/10 yrs., unreduced.	62/10 yrs. reduced below age 67 67/10 yrs., unreduced.	60/10 yrs. reduced below age 65 65/10 yrs., unreduced.
Age/Service Requirement Money Purchase Annuity Pension	55/10 yrs.	62/10 yrs.	60/10 yrs.
Compulsory Retirement Age	None	None	None
Reduction for Early Retirement	Yes, ¼ of 1% for each month below age 60 if less than 25 yrs. of service.	Yes, ½ of 1% for each month below age 67.	Yes, ½ of 1% for each month below age 65.
Annuities (based on age and years of service) the greater of Money Purchase Annuity or Minimum Formula Annuity	Money Purchase: Annuity is based on total contributions divided by life expectancy factor. If member retires before age 60 with less than 20 yrs.- the annuity is based on employee contributions plus 1/10th of the City contributions for each year of service over 10. Max. 60% of highest Salary Minimum Formula Annuity: 2.4%/yr. Max. 80% of FAS.	Money Purchase: The annuity is based on total contributions divided by life expectancy factor minimum service requirement is 10 yrs. Max – 60% of highest Salary. Minimum Formula Annuity: 2.4%/yr. Max. 80% of FAS, age reduction if under age 67.	Money Purchase: The annuity is based on total contributions divided by life expectancy factor minimum service requirement is 10 yrs. Max – 60% of highest Salary. Minimum Formula Annuity: 2.4%/yr. Max. 80% of FAS, age reduction if under age 65.
Minimum Annuity % / Amount	Minimum annuity of \$850 per month if 60 or older with 10 yrs.		
Maximum Annuity %	80% of final average salary	Same as Tier 1	Same as Tier 1
Spouse's Annuity	Yes	Yes	Yes
Child's Annuity	Yes	Yes	Yes
Parent's Annuity	None	None	None
Beneficiary/Retiree Health Insurance Coverage	None	None	None
Single-Sum Death Benefits	None	None	None

Traditional Define Plan Detail:	Tier 1	Tier 2	Tier 3
Rate of Interest for buyback of Creditable Service/Rights. Annual/Compounded	Refund may be repaid in full, or in part, with 3% compounded interest to date of repayment [40 ILCS5/11-163&123].	Same as Tier 1	Same as Tier 1
Allowed voluntary refunds of contributions?	Yes, if an employee leaves covered employment without qualifying for an annuity, contributions for employee and spouse accumulated w/3% compounded interest to date of resignation and contributions for Automatic Increase to Annuity w/o interest.	Same as Tier 1	Same as Tier 1
Occupational Disability Percentage	Temporary – 50% of Salary payable for a maximum period of ¼ employee’s total service not to exceed 5 yrs.	Same as Tier 1	Same as Tier 1
Duty Disability Pension	None	None	None
Duty Disability Benefit Percentage	Permanent – 75%, or 50% if pre-existing condition payable until 65 or for 5 yrs. maximum if disability occurs after age 60.	Same as Tier 1	Same as Tier 1

Website: <http://www.labfchicago.org>

If blank, no data was entered in the table by the retirement system.

Note

Corrections from Previous Report:

¹FYE 2016 Beneficiary / Retiree

Pension Expense Tier 1

Previously reported:

\$145,566,667

Corrected value: \$145,563,667

²FYE 2016 Employer Share of

Normal Cost from Actuarial

Valuation Previously reported:

Tier1: \$33,871,062 Tier 2: \$5,039,282

Corrected values:

Tier1: \$19,354,089 Tier 2: \$1,863,087

LABORERS' & RETIREMENT BOARD EMPLOYEES' ANNUITY & BENEFIT FUND OF CHICAGO

DEFINITION OF / ADDITIONAL INFORMATION

Annuity/Pension: Terms are used interchangeably relating to retirement benefit.

Automatic Increase in Annuity: Post-retirement adjustment, the effective date varies, dependent on applicable Code.

Fiscal Year: LABF fiscal year is January 1 to December 31.

Inactive participant: Member of the Fund without contributions in the previous fiscal year, and may be a deferred pensioner or annuitant.

LABF/System/Fund/Pension Fund: Used interchangeably in this document describing the Laborers' and Retirement Board Employees' Annuity and Benefit Fund of Chicago.

Maximum Salary Cap: Based on the Internal Revenue Code applicable for participants after January 01, 1996, if applicable.

Money-Purchase Annuity: An age and service annuity based upon employee and employer contributions (reduced employer contributions if service is less than 20 years and less than age 60) in accordance with the terms of the applicable Code.

Normal cost: Actuarial present value of all future benefits and appropriated administrative costs assigned to the current year under the actuarial valuation method used by the plan.

Provisions: Plan provisions are general and are not all inclusive. For a better understanding of the plan's provisions review the corresponding Article of the Illinois Pension Code.

Retiree/Beneficiary: A person eligible for or receiving benefits from the retirement system.

Salary: The annual salary of an employee.

Service: For minimum annuity, one half-year credit is given for one complete month of service and a full year credit is given for one complete month of service plus service in five additional months. For money purchase annuity, 700 hours of service in any calendar year constitutes one year of service credit. For Ordinary Disability credit, the number of days worked is used to determine Ordinary Disability credit.

Tier 1: An LABF participant who first became a contributing member in LABF, or became a contributing member under any reciprocal fund, prior to January 1, 2011.

Tier 2: An LABF participant who first became a contributing member in LABF, or became a contributing member under any reciprocal fund, on or after January 1, 2011 and before July 6, 2017.

Tier 3: An LABF participant who first became a contributing member in LABF, or became a contributing member under any reciprocal fund, on or after July 6, 2017, or an LABF participant under Tier 2 and chose to make a one-time irrevocable election to be subject to the tier 3 of benefits ("Elective Tier 3 Members").

Total Employee Contribution Percentage: Percentage as outlined in applicable Code is the sum of: employee contributions of 6.5% (9.5% for Tier 3 members), spouse contributions of 1.5%, and Automatic Increase in Annuity contributions of 0.5%. Contributions may be refunded in total upon separation of service from the employer, or in part, if applicable at the time of separation from service.

Type of Plan: A defined benefit plan which provides retirement benefits and other benefits, as outlined in applicable Code for certain eligible employees, their survivors, and other beneficiaries.

LABORERS' & RETIREMENT BOARD EMPLOYEES' ANNUITY & BENEFIT FUND OF CHICAGO

LEGISLATIVE AMENDMENTS HAVING AN IMPACT ON LABF

2017

Public Act 100-0023 (HB 0042)

- Approved and effective July 6, 2017.
- Implements a new funding policy designed to achieve 90% funded status by 2058. Employer required contributions are \$36MM in 2018 \$48MM in 2019 \$60MM in 2020 \$72MM in 2021 \$84MM in 2022 and for 2023 through 2058, contributions are determined as a level percentage of employee payroll sufficient to achieve 90% funding by 2058.
- Provides a new tier of benefits for participants who first become members on or after the effective date of July 6, 2017 (“Required Tier 3 Members”). Allows participants who first become members on or after January 1, 2011 and prior to July 6, 2017 to make a one-time irrevocable election to be subject to the new tier of benefits (“Elective Tier 3 Members”).
 - Introduces new annuity eligibility ages:
 - Age 65 with 10 years of service, unreduced.
 - Age 60 with 10 years of service, reduced reduction is ½ of 1% for each month that retirement precedes age 65.
 - Requires increased contributions:
 - Required Tier 3 Members will pay 11.5% of capped salary beginning July 6, 2017 and the lesser of 11.5% or normal cost (subject to 8.5% floor) effective January 1, 2018.
 - Elective Tier 3 Members will pay 9.5% effective July 6, 2017 10.5% effective January 1, 2018 and the lesser of 11.5% or normal cost (subject to 8.5% floor) effective January 1, 2019.
 - When 90% funded status is reached, employee contributions drop from 11.5% to 7.5% and remain at 7.5% unless the funded ratio falls below 75%.
 - Changes the provisions for automatic increase in annuity:
 - Increases begin in the year following the later of the first anniversary of annuity start date and attainment of age 65.
- Provides that the governing body of the unit of local government may elect by ordinance or resolution to create a new tier of benefits—structured as a hybrid between a defined benefit and a defined contribution plan—which would be made available to certain members by choice in lieu of the benefits they would otherwise receive.
- For participants who first become members on or after the effective date, allows the Fund to pursue subrogation when a death or disability benefit is payable if such death or disability was caused by a third party.
- For participants who first become members on or after the effective date, the Fund is authorized to reduce any refund which may become payable due to felony conviction relating to or arising out of or in connection with service as an employee by any annuity benefit previously received by the member or the member’s beneficiaries.
- Allows payment of annuity to a member’s federally insured financial institution or trust established by the member or for the benefit of the member or if the member is confined to a publicly owned and operated mental institution, payment can be paid on the member’s behalf to the superintendent or head of such institution.

Public Act 100-0334 (HB 0350)

- Approved and effective August 25, 2017.

- States a person otherwise entitled to a survivor benefit and who has been convicted of a felony in connection with the service rendered by the member, is not eligible for such survivor benefit, if such conviction was after the effective date.
- Its further states for participants that first becomes members after the effective date the change is a condition of employment.

Public Act 100-0542 (SB 1714)

- Approved and effective November 9, 2017.
- Investment consultants are required annually, as well as prior to being hired, to provide certain disclosures regarding searches involving and investments made with minority owned businesses, female owned businesses and businesses owned by persons with disabilities. Such disclosures shall be considered within the bounds of financial and fiduciary prudence prior to the awarding of a new investment consulting contract.
- Investment consultants are required annually, as well as prior to being hired, to provide certain disclosures regarding all compensation and economic opportunity received in the last 24 months from any investment advisors retained by Fund or any investment advisor that is recommended for selection by the consultant.

Public Act 100-1166 (HB 0166)

- Approved and effective January 4, 2019.
- Amends certain provisions created by Public Act 100-0023.
 - Clarifies the applicability of the Tier 3 benefit structure and contribution requirements to employees who first became members on or after July 6, 2017.
 - Clarifies the applicability of the irrevocable Tier 3 election option to employees who first became members on or after January 1, 2011 and prior to July 6, 2017.
 - Modifies the methodology for determining Tier 3 employee contributions.
 - Restores the provision allowing employer contributions to be credited to members' accounts.
 - Provides that an annuitant who directs the retirement board to pay the annuity due him or her to a financial institution shall hold the board and the fund harmless from any claim or loss related to any error as to whether the financial institution is or continues to be federally insured.
 - Eliminates redundancies and resolves conflicts with respect to payments made to entities caring for disabled members.

ILLINOIS PENSION CODE – ARTICLE 12

PARK EMPLOYEES’ & RETIREMENT BOARD EMPLOYEES’ ANNUITY & BENEFIT FUND OF CHICAGO

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending: 12/31	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	2,248	2,145	2,041	1,901	1,672
Number of Inactive Participants Vested	147	145	149	150	145
Number of Inactive Participants Not vested	3,876	3,976	3,929	3,770	3,873
Salary Expense	\$115,156,033	\$116,298,875	\$118,976,634	\$88,191,299	\$83,850,199
Number of Beneficiaries/Retirees	2,891	2,876	2,870	2,876	2,854
Beneficiary/ Retiree Pension Expense	\$67,206,100	\$67,935,347	\$71,029,420	\$73,019,403	\$75,254,618
Beneficiaries’ / Retirees Pension Expense	0	0	0	0	0
Pension Data (Traditional Defined Benefit Plan Only)	Tier 2				
For Fiscal Year Ending	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	725	918	1,073	1,642	1,515
Number of Inactive Participants Vested	0	0	0	0	0
Number of Inactive Participants Not vested	n/a	n/a	141	378	761
Salary Expense	n/a	n/a	n/a	\$46,067,029	\$46,072,976
Number of Beneficiaries/Retirees	0	0	0	0	0
Beneficiary/ Retiree Pension Expense	0	0	0	0	0
Beneficiaries’ / Retirees Pension Expense	0	0	0	0	0

ILLINOIS PENSION CODE – ARTICLE 12

PARK EMPLOYEES' & RETIREMENT BOARD EMPLOYEES' ANNUITY & BENEFIT FUND OF CHICAGO

Traditional Define Plan Detail:	Tier 1	Tier 2
Maximum Salary Cap	None	\$ 113,645
Total Employee Contribution %	9%	9%
Salary Used for Regular Pension (Defined)	Final average salary: highest 48 consecutive months within the last 10 years	Final average salary: highest 96 consecutive months within the last 10 years
Salary Used for Disability Benefit	n/a	n/a
Employer Share of Normal Cost from Actuarial Valuation	4.22%	4.22%
Cost of Living Adjustment	3% of original granted annuity	Lesser of ½ CPI-U or 3% of original granted annuity
Source of Employer Funds	Tax levy	Tax levy
Vesting at	10 years	10 years
Age Requirement Minimal for Pension	Age 50 at reduced rate age 60 no reduction	Age 62 at reduced rate age 67 no reduction
Length of Service for Full Pension	33.5 years = 80%	33.5 years = 80%
Compulsory Retirement Age	None	None
Reduction for Early Retirement	¼ of 1% for each month below age 60 no discount with 30 years of service	½ of 1% for each month below age 67
Basic Rate of Annuity	2.4%	2.4%
Minimum Annuity % / Amount	\$100	\$100
Maximum Annuity %	80%	80%
Spouse's Annuity	Yes	Yes
Child's Annuity	Yes	Yes

Traditional Define Plan Detail:	Tier 1	Tier 2
Parent's Annuity	None	None
Beneficiary/Retiree Health Insurance Coverage	Yes, offered through the Chicago Park District at time of retirement	Yes, offered through the Chicago Park District at time of retirement
Single-Sum Death Benefits	Yes	Yes
Rate of Interest for buyback of Creditable Service/reinstatement:	3%	3%
Allowed voluntary refunds of contributions?	Yes, refund consists of all member contributions without interest, prior to vesting. An unmarried employee at retirement is entitled to a refund of the full amount contributed for the spouse's pension without interest.	Yes, refund consists of all member contributions without interest, prior to vesting. An unmarried employee at retirement is entitled to a refund of the full amount contributed for the spouse's pension without interest.
Non-Duty Disability Percentage	Temporary - 45% after 8 consecutive days without pay. Payable for the lesser of, not to exceed ¼ of the length of service or 5 years.	Temporary - 45% after 8 consecutive days without pay. Payable for the lesser of, not to exceed ¼ of the length of service or 5 years.
Duty Disability Benefit Percentage	75% of salary from the first day of absence without pay. The benefit is offset by Workers' Compensation benefits received. The benefit is payable until the employee reaches the age 65 if disability is incurred before age 60 or for 5 years if disability is incurred at age 60 or older.	75% of salary from the first day of absence without pay. The benefit is offset by Workers' Compensation benefits received. The benefit is payable until the employee reaches the age 65 if disability is incurred before age 60 or for 5 years if disability is incurred at age 60 or older.
Occupational Disability Percentage	None	None

Website: <https://www.chicagoparkpension.org/>

Tier 3 information (if applicable otherwise leave blank)

Tier 3 (plan type and benefit):

DEFINITION OF / ADDITIONAL INFORMATION

LEGISLATIVE AMENDMENTS

ILLINOIS PENSION CODE – ARTICLE 13

METRO WATER RECLAMATION DISTRICT RETIREMENT FUND

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending: December 31, XXXX	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	1,671	1,572	1,484	1,399	1,322
Number of Inactive Participants Vested	38	41	46	41	35
Number of Inactive Participants Not vested	71	75	70	72	66
Salary Expense (Pensionable Sal.)	\$161,117,499	\$157,174,910	\$154,134,566	\$148,728,061	\$145,118,272
Number of Beneficiaries/Retirees	2,375	2,389	2,417	2,408	2,443
Beneficiary/ Retiree Pension Expense	\$132,913,502	\$139,160,911	\$145,325,385	\$152,152,914	\$159,561,047
Beneficiary / Retiree Healthcare Expense	0	0	0	0	0
Pension Data: (Traditional)	Tier 2				
For Fiscal Year Ending: December 31, XXXX	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	202	274	359	436	510
Number of Inactive Participants Vested	0	0	0	0	0
Number of Inactive Participants Not vested	6	14	19	24	26
Salary Expense (Pensionable Sal.)	\$15,066,442	\$20,617,399	\$28,505,597	\$35,657,127	\$42,731,436
Number of Beneficiaries/Retirees	0	0	0	0	0
Beneficiary/ Retiree Pension Expense	0	0	0	0	0
Beneficiaries' / Retirees Healthcare Expense	0	0	0	0	0

ILLINOIS PENSION CODE – ARTICLE 13

METRO WATER RECLAMATION DISTRICT RETIREMENT FUND

Traditional Define Plan Detail:	Tier 1	Tier 2
Maximum Salary Cap	\$265,000 limit set under section 401 (a)(17) of the IRS code.	\$113,645
Total Employee Contribution %	12.0%: until pension fund's funded percentage is 90%	9.0%
Salary Used for Regular Pension	Final Avg. Salary (FAS): Average of highest-paid 52 consecutive bi-weekly pay periods within last 10 yrs. of employment	Final Avg. Salary (FAS): Average of the 96 highest-paid consecutive months during the last 120 months of employment
Salary Used for Disability Benefit	Salary earned at time of disability, less amount paid by Workers' Compensation	Salary earned at time of disability, less amount paid by Workers' Compensation
Employer Share of Normal Cost from Actuarial Valuation (Yrs. beg 1/1/18)	6.5% (for the fund)	6.5% (for the fund)
Cost of Living Adjustment	3%	Increase in the annual salary maximum equals the lesser of 3% or ½ the CPI-U
Source of Employer Funds	Tax Levy	Tax Levy
Vesting at (Years)	5	10
Age and Length of Service for Full Pension:	50/10 yrs. entry date before 6/13/1997, or 55/10 yrs. if entry date is on/after 06/13/1997 60/5yrs.	62/10 yrs. 67/10yrs.
Compulsory Retirement Age	None	None
Reduction for Early Retirement	Yes, ½ of 1% for the lesser of each month under age 60 or under 30 years of service for retirement between age 50 and age 60 (for those hired after June 13, 1997, between the age of 55 and age 60)	Yes, ½% of 1 % per month under 67
Basic Rate of Annuity (FAS)X(%)XYRS)	2.2% per year for first 20 years 2.4% each additional year above 20	2.2% per year for first 20 years 2.4% each additional year above 20
Minimum Annuity % / Amount	\$500 per month plus \$25 / per yrs. of service over 10 years, a maximum of \$750 with 20 yrs. If less than 10 years and retirement prior to 60 yrs. than \$250 per month	\$500 per month plus \$25 / per yrs. of service over 10 years, a maximum of \$750 with 20 yrs. If less than 10 years and retirement prior to 60 yrs. than \$250 per month

Traditional Define Plan Detail:	Tier 1	Tier 2
Maximum Annuity %	80%	80%
Spouse's Annuity	Yes	Yes
Child's Annuity	Yes	Yes
Parent's Annuity	No	No
Beneficiary/Retiree Health Insurance Coverage	Yes, offered by the employer – MWRDGC	Yes, offered by the employer – MWRDGC
Single-Sum Death Benefits	No	No
Allowed voluntary refunds of contributions?	Yes, refund consists of all member contributions and payments without interest based on age and service limitation.	Yes, refund consists of all member contributions and payments without interest based on age and service limitation.
Non-Duty Disability Percentage	Temporary (50% of salary). Max period of lesser of 25% of service time prior to disability, or 5 years.	Temporary (50% of salary). Max period of lesser of 25% of service time prior to disability, or 5 years.
Duty/Occupational Disability Percentage	75% of salary 1st day duty disability less WC's. Payable throughout disability. (50% if pre-existing condition) payable for period of disability until age 65. If 60+ max. payable of 5 yrs.	75% of salary 1st day duty disability less WC's. Payable throughout disability. (50% if pre-existing condition) payable for period of disability until age 65. If 60+ max. payable of 5 yrs.

Website: <http://mwrdrf.org/>

METRO WATER RECLAMATION DISTRICT RETIREMENT FUND

DEFINITION OF / ADDITIONAL INFORMATION

The Fund is a single employer defined benefit plan, established by the Illinois State Legislature in 1931 to provide retirement annuities, death and disability benefits for certain employees of the Metropolitan Water Reclamation District as well as Fund employees. The Fund is administered in accordance with 40 ILCS 5 of the Illinois Compiled Statutes.

Annuity/Pension: Terms are used interchangeably relating to retirement benefit.

Basic Rate of Annuity: 2.2% or 2.4% for each year of service, dependent on years of service. Final annuity based on provisions as outlined by member's entry date.

Beneficiary/Retiree: A person eligible for or receiving benefits from the retirement system.

COLA: Cost of living annual pension increase/pensionable salary limitation. Effective date varies, dependent on applicable code.

Inactive participant: a deferred pensioner or annuitant.

Normal cost: Percentage of the part of the actuarial present value of all future benefit payments and appropriate administrative expenses assigned to the current year under the actuarial valuation method used by the plan (excluding any amortization of the unfunded accrued liability).

Pensionable Salary: Salary paid to member for service to the District or Fund, including salary paid for vacation and sick leave and any amounts deferred under a deferred compensation plan under code. Salary excludes payment for, unused vacation, sick leave, overtime pay, termination pay and any benefit compensation not salary.

Tier 2 member: An individual who first became a participant on or after January 1, 2011.

Total Employee Contribution Percentage: Percentage is the total sum of all required contributions if contributions are refunded, or a pension portion is not applicable at the time of retirement, then a portion of contributions may be refunded. Varies based on provisions of the pension code Tier 1: employee contribution 10.0%, spousal portion 2%. Tier 2 employee contribution 7.5% and spousal portion 1.5%

Type of Plan: A defined pension plan which provides retirement annuities and other benefits for employees, for survivors, dependents, and other beneficiaries of such employees.

Fiscal Year: The State of Illinois fiscal year July 1 – June 30 was used to list the legislative amendments

METRO WATER RECLAMATION DISTRICT RETIREMENT FUND

LEGISLATIVE AMENDMENTS

Public Act 99-0683 signed July 29, 2016: Provides that each retirement system must implement a procedure to identify deceased annuitants. The procedure must include the requirement that the system check for deceased annuitants at least once per month. The bill also requires that the systems shall have access to the Illinois Department of Public Health vital records. Process to be implemented no later than June 30, 2017.

Public Act 100-0244 signed August 22, 2017, amends Article 13: Provides an opportunity for annuitants in same- sex marriages or unions recognized in Illinois a) between June 1, 2011 and June 30, 2016 under the Illinois Religious Freedom Protection and Civil Union Act of 2011, or b) between February 26, 2014 and June 30, 2016 under the Illinois Marriage and Dissolution of Marriage Act of 2014, who retired prior to June 1, 2011 and received a refund of surviving spouse contributions, to repay the no-spouse refund with interest and establish eligibility for a surviving spouse annuity.

The annuitant must make an irrevocable election between January 22, 2018 and January 21, 2019. Repayment of the no-spouse refund includes interest at the actuarially assumed rate of return, compounded from the date of the refund to the date of payment. Payment may be made in full or in installments. All payments must be made in full within 24 months of the election.

Public Act 100-0334 signed August 25, 2017, amends several Articles, including Article 13: Expands the felony forfeiture language to include the forfeiture of surviving spouse benefits that would have been payable to the surviving spouse of a person entering service on or after August 25, 2017 who was convicted of any felony relating to and arising out of service as an employee.

Public Act 100-0542 signed November 8, 2017, amends Article 1: No later than January 1, 2018, and each January thereafter, requires a consultant to annually disclose to the board of the retirement system, board of the pension fund, or the investment board that retains the consultant certain information concerning searches for investment services from minority owned businesses, female owned businesses, and businesses owned by persons with a disability. Requires a consultant to disclose any compensation or economic opportunity received in the last 24 months from investment advisors retained by the board of a retirement system, board of a pension fund, or investment board. Requires consideration of these disclosures before awarding a contract for consulting services.

Public Act 100-0902 signed August 17, 2018, amends Article 1: States that each retirement system, pension fund, or investment board shall make its best efforts to ensure that the racial and ethnic makeup of its senior administrative staff represents the racial and ethnic makeup of its membership.

ILLINOIS PENSION CODE – ARTICLE 14

STATE EMPLOYEES' RETIREMENT SYSTEM OF ILLINOIS

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending : 06/30	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	52,593	49,433	45,943	43,046	40,261
Number of Inactive Participants Vested	4,178	4,180	4,107	4,022	3,925
Number of Inactive Participants Not vested	16,556	16,612	16,479	12,475	11,266
Salary Expense	\$3,920,328,397	\$3,760,471,044	\$3,481,761,425	\$3,271,519,305	\$3,114,825,711
Number of Beneficiaries/Retirees	66,536	67,890	69,943	71,661	73,012
Beneficiary/ Retiree Pension Expense	\$1,916,826,273	\$1,976,003,838	\$2,126,336,518	\$2,264,608,446	\$2,400,846,373
Beneficiaries' / Retirees Pension Expense					
Pension Data (Traditional Defined Benefit Plan Only)	Tier 2				
For Fiscal Year Ending	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	10,251	13,840	15,374	17,566	21,136
Number of Inactive Participants Vested	0	0	0	0	0
Number of Inactive Participants Not vested	3,445	4,516	5,534	8,262	9,551
Salary Expense	\$494,455,833	\$691,898,177	\$800,258,925	\$921,063,190	\$1,125,283,228
Number of Beneficiaries/Retirees	73	64	88	144	167
Beneficiary/ Retiree Pension Expense	\$236,366	\$428,555	\$662,410	\$1,075,525	\$1,518,050

ILLINOIS PENSION CODE – ARTICLE 14
STATE EMPLOYEES’ RETIREMENT SYSTEM OF ILLINOIS

Traditional Define Plan Detail:	Tier 1	Tier 2
Maximum Salary Cap	\$275,000 – is the limit for 2018 under Section 401(a)(17) of the IRC	\$113,644 for 2018
Total Employee Contribution % with Social Security Regular Formula Positions (R1)	4.0% / + SS rate	4.0% / + SS rate
Total Employee Contribution % w/o Social Security Regular Formula Positions (R2)	8.0%	8.0%
Total Employee Contribution % with Social Security - Alternative Formula Positions (A1)	8.5%/+SS rate	8.5%/+SS rate
Total Employee Contribution % w/o SS – Alternative Formula Positions (A-2)	12.5%	12.5%
Salary Used for Regular Pension (Defined)	“Final Average Compensation” is the AVG highest 48 consecutive monthly wages within last 120.	“Final Average Compensation” is the AVG highest 96 consecutive monthly wages within last 120.
Salary Used for Alternative Positions Pension (Defined)	For those with membership dates on or after 01/1/98: highest of final monthly rate or AVG. last 48 months. For those with membership dates prior to 1/1/98: highest of final monthly rate, or AVG. last 48 months, or AVG highest 48 consecutive monthly wages within last 120.	AVG highest 96 consecutive monthly wages within last 120.
Salary Used for Disability Benefit	The greater of the “Final Average Compensation” (FAC) or the compensation rate at date of disability.	The 96 highest consecutive months of service within the last 10 years. The benefit is calculated on a maximum salary of \$106,800.
Employer Share of Normal Cost from Actuarial Valuation	14.91% (blended Tier 1 and Tier 2) 18.6% (Tier 1 – approximation)	14.91% (blended) 4.0% (Tier 2 – approximation)
Cost of Living Adjustment	3% compounded	Lesser of ½ CPI-U increase or 3%, non- compounded
Source of Employer Funds	State GRF, Other State Funds, Federal Funds	State GRF, Other State Funds, Federal Funds
Vesting at	8 years	10 years

Traditional Define Plan Detail:	Tier 1	Tier 2
Age Requirement Minimal for Pension	Regular: 60/8yrs Age 55 with 25 years (1/2% for each month under age 60) or age + Service = 85 (Rule of 85) Alternative: 50/25 yrs. or 55/20 yrs.	Regular: 67/10yrs or 62 with reduction Alternative: 60/20 yrs.
Length of Service for Full Pension	R1 – 44.91 years gets member to the maximum benefit of 75% of FAC. R2 – 34.1 years of service gets member to the maximum benefit of 75% of FAC. A1 – 32 years of service gets member to the maximum benefit of 80% of FAC A2 – 26.67 years of service gets member to the maximum benefit of 80% of FAC	Same as Tier 1
Compulsory Retirement Age	None	None
Reduction for Early Retirement	Between ages 55-60 with 25-30 years of service credit (reduced 1/2 of 1% for each month under age 60). Reduction does not apply to those that meet the alternative formula service and age requirements (age 50 with 25 yrs., or age 55 with 20 yrs.), nor to those that meet the rule of 85.	If member retires before age 67, pension is reduced by ½ of 1% for each year under age 67.
Basic Rate of Annuity	(R1) 1.67 % for each year, (R2) 2.2% for each year, (A1) 2.5 % for each year, (A2) 3.0 % for each year.	Same as Tier 1
Minimum Annuity % / Amount	Members with Social Security – monthly annuity is \$15 per month for each year of service members without Social Security – monthly annuity is \$25 per month for each year of service.	Same as Tier 1
Maximum Annuity %	R: 75%, A: 80%	R: 75%, A: 80%
Spouse's Annuity	Yes	Yes
Child's Annuity	Yes, if a child is eligible for survivor's benefits (assuming the child is under 18 (if not a full- time student) or under 22 if they are a full- time student. Disabled son or daughter is eligible for a survivor's benefits.	Yes, if a child is eligible for survivor's benefits (assuming the child is under 18 (if not a full-time student) or under 22 if they are a full-time student. Disabled son or daughter is eligible for a survivor's benefits.

Traditional Define Plan Detail:	Tier 1	Tier 2
Parent's Annuity	If there are no eligible spouse or children, then dependent parents are eligible for survivor's benefits.	Same as Tier 1
Beneficiary/Retiree Health Insurance Coverage	Yes, but not administered by SERS	Yes, but not administered by SERS
Single-Sum Death Benefits	<p>Death Benefits Before Retirement: If an active employee dies and a monthly survivor annuity is payable, the nominated beneficiary on file with SERS receives a lump sum death benefit. The lump sum death benefit consists of the member's retirement contributions and interest.</p> <p>If an active employee dies and a monthly survivor is not payable, the nominated beneficiary on file with SERS receives a lump sum death benefit. The payment consists of the member's contributions plus interest, and one month's salary for each year of service, up to a maximum of six months' salary.</p> <p>Death Benefits After Retirement: If a retired SERS member dies with no survivors, the nominated beneficiary(ies) receive any contributions and interest remaining in the retiree's account, or \$500, whichever is greater.</p>	Same as Tier 1
Rate of Interest for buyback of Creditable Service/reinstatement:	Refunds require 6.5%, some types of service credit purchases require the actuarially assumed rate (currently 7.0%).	Refunds require 6.5%, some types of service credit purchases require the actuarially assumed rate (currently 7.0%).
Allowed voluntary refunds of contributions?	Yes, refund consists of all member contributions	Yes, refund consists of all member contributions
Non-Duty Disability Percentage	50% of FAC or the compensation rate at date of disability, whichever is greater. Amount is reduced by the amount payable form Social Security disability, or the amount of Social Security Retirement if the member attains the full normal retirement age.	50% of FAC. Amount is reduced by the amount payable form Social Security disability, or the amount of Social Security Retirement if the member attains the full normal retirement age.
Occupational Disability Percentage	75% of final average compensation or the compensation rate at date of disability and is reduced by any payments under the Workers' Compensation Act, or the Workers' Occupational Diseases Act.	75% of final average compensation at date of disability and is reduced by any payments under the Workers' Compensation Act, or the Workers' Occupational Diseases Act.

Website: https://www.srs.illinois.gov/SERS/home_sers.htm

Notes:

- 2014 Active Participants - The last report submitted by SERS indicated that the number of actives totaled 52,459. that was an oversight

The last report submitted by SERS indicated that the non-vested Tier 1 members totaled the following: FY 14 – 18,250, FY 15 – 19,608, FY 16 – 20,001 However, as indicated in that report, we do not track inactives by Tier in a reliable manner. The updated numbers reflect a more accurate approximation

- *The last report submitted by SERS indicated that the Tier 1 payrolls were as follows: FY 14 – \$3,462,618,999, FY 15 – \$3,299,510,768, FY 16 – \$3,050,565,991*
However, as indicated, we do not track inactives by Tier in a reliable manner. The updated numbers reflect a more accurate approximation.
- *The last report submitted by SERS indicated that we do not break out beneficiaries by tier status. Although we are still not able to produce such information by Tier in a reliable manner, we are able to produce more accurately.*
- *The last report submitted by SERS indicated that the non-vested Tier 2 members totaled the following: FY 15 – 6,060, FY 16 – 7,064*
However, as indicated in that report, we do not track inactives by Tier in a reliable manner. The updated numbers reflect a more accurate approximation
- *The last report submitted by SERS indicated that the Tier 1 payrolls were as follows: FY 14 – \$674,905,545, FY 15 – \$923,780,248, FY 16 – \$1,020,817,133*
However, as indicated, we do not track inactives by Tier in a reliable manner. The updated numbers reflect a more accurate approximation.

Tier 3 (plan type and benefit):

The Tier 3 plan is a hybrid plan that was created for members subject to the Tier 2 plan that are not coordinated with social security.

The Hybrid plan shall consist of a defined benefit component as well as a defined contribution component. The defined contribution component must attain qualified plan status and receive necessary approvals from the IRS prior to the enrollment of any members into the plan.

Defined benefit component

A member shall be eligible to receive the defined benefit component of his or her hybrid plan upon achieving the normal retirement age under the Social Security Act (no earlier than age 67) and accruing 10 years of service credit. Members shall contribute 6.2% of compensation to the defined benefit component of the plan. The defined benefit plan shall consist of the following:

The base retirement annuity shall be calculated as laid out below:

$(\text{Benefit formula} \times \text{Years of Service}) \times \text{Final Average Monthly Compensation} = \text{Base monthly retirement pension}$

Benefit formula shall equal 1.25% for each year of service

Final Average Monthly Compensation shall be the average monthly compensation during the last 10 years of service. This amount shall be limited by the Social Security Wage base.

The base annuity will increase annually beginning on the first anniversary of the annuity start date and shall equal

½ of the increase to the Consumer Price Index-W with non-compounded interest.

Survivor's benefits shall equal 66.7% of the earned retirement annuity and increases to the benefit shall equal ½ of the increase to the Consumer Price Index-W with non-compounded interest.

Defined contribution component

The defined contribution component shall consist of employee contributions, an employer match, and investment earnings derived from these contributions. Employee contributions shall total 4% of compensation. Employer contributions can vary by employee as determined by the employer but shall not be less than 2% of compensation and no greater than 6% of compensation. Administrative fees shall be deducted as a uniform percentage from each participating member's employee contributions

A variety of investment and distribution options associated with the defined contribution plan shall be provided. A member vests in the employer match as soon as the match is deposited into his or her account. Such plan shall allow for members who terminate service to roll over account balances into other qualified retirement plans. The defined contribution component must attain qualified plan status and receive necessary approvals from the IRS prior to the enrollment of any members into the plan.

It should be mentioned that the Tier 3 plan is not operational because the plan is currently not in compliance with the Internal Revenue Code. Legislation (SB 779, as amended by Senate Amendment #2) was introduced in the Fall of 2017 to increase the likelihood that such plan would comply, but the bill did not advance out of the House.

ILLINOIS PENSION CODE – ARTICLE 14
STATE EMPLOYEES' RETIREMENT SYSTEM OF ILLINOIS

DEFINITION OF / ADDITIONAL INFORMATION

Tier 1 positions under the alternative formula without Social Security are: State policemen, Special Agents, Fire Fighters, Secretary of State Investigators, Conservation Police Officers, Department of Revenue or the Illinois Gaming Board Investigators, Central Management Services Police Officers, Mental Health Police Officers, Dangerous Drug Investigators, State Police Investigators, Attorney General Investigators, Controlled Substance Inspectors, State's Attorney Appellate Prosecutor Investigators, Commerce Commission Police Officers and Arson Investigators.

Tier 1 positions under the alternative formula with Social Security are: Security employees of the Departments of Corrections, Juvenile Justice and Human Services, Air Pilots and State Highway Maintenance Workers.

Tier 2 positions under the alternative formula without Social Security are: State Policemen and Fire Fighters.

Tier 2 positions under the alternative formula with Social Security are: Correction Officers at the Departments of Corrections and Juvenile Justice.

Tier 2 member: Defined as an individual who first became a participant under a reciprocal retirement system on or after January 1, 2011.

Beneficiary / Retiree Healthcare Expense: Not applicable directly to the Pension funds

COLA: Cost of Living Annual Pension increase effective date varies, dependent on applicable statute.

Provisions: Plan provisions are general and are not all inclusive. For a better understanding of the plan's provisions review the corresponding Article of the Illinois Pension Code.

Type of Plan: A defined pension plan which provides retirement annuities and other benefits for employees, for survivors, dependents, and other beneficiaries of such employees.

Rate of Compensation: Actual rate upon which the compensation of an individual is calculated at any time as certified on a payroll.

ILLINOIS PENSION CODE – ARTICLE 14
STATE EMPLOYEES' RETIREMENT SYSTEM OF ILLINOIS

LEGISLATIVE AMENDMENTS

Effective Fiscal Year 2017 Legislative amendments having an impact on the System:

Public Act 99-683 effective July 29, 2016: Provides that each retirement system must implement a procedure to identify deceased annuitants. The procedure must include the requirement that the system check for deceased annuitants at least once per month. The bill also requires that the systems shall have access to the Illinois Department of Public Health vital records.

Effective Fiscal Year 2018 Legislative amendments having an impact on the System:

Public Act 100-0019 effective January 1, 2018 Adjusts the educational requirement from a specific bachelor's or advanced degree (criminal justice, psychology, etc.) to any bachelor's or advanced degree for certain employees of the Department of Juvenile Justice (DJJ) with job duties to either participate or assist in the rehabilitative and vocational training of delinquent youths, supervise the daily activities involving direct and continuing responsibility for the youth's security, welfare and development, or participate in the personal rehabilitation of delinquent youth by training, supervising, and assisting lower level personnel who perform these duties. Additionally, Public Act 100- 0019 amends the SERS article in the compiled statutes to mirror this change in the alternative formula requirements.

Public Act 100-0023 effective July 6, 2017: Created a Hybrid Plan. Such plan will be available to members that first join the System on or after the implementation date and who are not coordinated with Social Security. In addition, those current Tier 2 members not coordinated with social security may irrevocably elect to participate in the Hybrid plan.

The Hybrid plan shall consist of a defined benefit component as well as a defined contribution component. New members eligible for the plan shall have the choice to elect to participate in this plan, or the Tier 2 plan, but must make the election within 30 days of becoming enrolled in the System. The defined contribution component must attain qualified plan status and receive necessary approvals from the IRS prior to the enrollment of any members into the plan.

Furthermore, PA 100-0023 requires that any changes in liabilities resulting from assumption modifications shall be smoothed over a 5-year period. Beginning in fiscal year 2018, State contribution rate changes due to changes in the actuarial assumptions will be phased-in over a five-year period. In addition, any actuarial assumption changes that impacted the State contribution rate in fiscal years 2014 through 2017 are to be smoothed over a five-year period applying only the portion of the five-year phase-in that is applicable to fiscal years on and after 2018.

Public Act 100-0334 effective August 25, 2017: Provides that an eligible survivor of a member shall be ineligible for benefits if convicted of any felony relating to, arising out of, or in connection with the service of the member that earned such benefit. The intent of the law appears to only apply this provision to survivors of members that first enter service on or after the effective date of the bill, which is immediate.

Public Act 100-0587 effective June 4, 2018: Creates an accelerated benefit payment program election for SERS members based on certain eligibility factors. Members who are Tier 1 and eligible for a retirement annuity but have never received one can elect to participate in the automatic annual increase (AAI) accelerated benefit upon termination of service. The member forfeits all rights to future 3% compounded automatic annual increases in favor of a 1.5% automatic annual increase (not compounded) that begins on January 1 of the later of their retirement anniversary or their sixty seventh birthday. Additionally, the member receives 70% of the actuarially determined present value of the difference in the two AAI programs.

Members (Tier 1 or 2) who are vested but inactive that have not yet received a retirement annuity can elect to participate in the vested inactive accelerated benefit program. The member electing this option forfeits all rights to future benefit payments but retains access to state retiree healthcare. Additionally, the member receives 60% of the actuarially determined present value of the retirement benefits that the member is entitled to at the date of the election.

Accelerated benefit payments will be funded by the issuance of bonds. The ability to participate in the accelerated benefit program expires June 30, 2021. In June 2019, the fiscal year 2019 employer contribution will also be recertified based on the participation level in the accelerated benefit programs.

Public Act 100-0902 effective August 27, 2018: Provides that most retirement systems regulated under the Illinois Pension Code, shall make its best efforts to ensure that the racial and ethnic makeup of the senior administrative staff reflects such demographics of the membership of the respective fund.

Effective Fiscal Year 2019 Legislative amendments having an impact on the System:

Public Act 101-0010 effective June 4, 2018: extends the current buyout programs through June 30, 2024. PA 101-0010 provides that an individual appointed to serve as a Human Rights Commissioner on or after June 1, 2019 may elect to participate in SERS.

ILLINOIS PENSION CODE – ARTICLE 15

STATE UNIVERSITIES RETIREMENT SYSTEM

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending : 06/30	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	50,254	36,775	33,474	31,074	28,922
Number of Inactive Participants Vested ⁽¹⁾	65,222	60,164	59,746	59,090	57,459
Number of Inactive Participants Not vested ⁽¹⁾	N/A	N/A	N/A	N/A	N/A
Salary Expense	\$2,268.4	\$1,969.0	\$1,848.5	\$1,761.0	\$1,706.6
Number of Beneficiaries/Retirees	54,918	56,028	57,506	58,331	59,356
Beneficiary/ Retiree Pension Expense ⁽³⁾	\$1,893.8	\$1,977.3	\$2,070.9	\$2,141.2	\$2,220.6
Beneficiaries'/Retirees Pension Expense ⁽²⁾	N/A	N/A	N/A	N/A	N/A
Pension Data (Traditional Defined Benefit Plan Only)	Tier 2⁽⁴⁾				
For Fiscal Year Ending	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	N/A	13,305	14,121	14,838	16,078
Number of Inactive Participants Vested(1)	N/A	6,044	8,200	10,155	12,159
Number of Inactive Participants Not vested ⁽¹⁾	N/A	N/A	N/A	N/A	N/A
Salary Expense	N/A	\$395.8	\$453.6	\$494.7	\$561.0
Number of Beneficiaries/Retirees	N/A	N/A	N/A	N/A	N/A
Beneficiary/ Retiree Pension Expense ⁽³⁾	N/A	N/A	N/A	N/A	N/A
Beneficiaries' / Retirees Pension Expense ⁽²⁾	N/A	N/A	N/A	N/A	N/A

Pension Data: (Portable Pension Plan)	Tier 1				
For Fiscal Year Ending: June 30, XXXX	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	19,182	13,863	12,670	11,812	10,950
Number of Inactive Participants Vested ⁽¹⁾	10,270	9,388	9,535	9,514	9,395
Number of Inactive Participants Not vested ⁽¹⁾	N/A	N/A	N/A	N/A	N/A
Salary Expense(\$ in millions)	\$1,126.6	\$943.7	\$892.0	\$852.0	\$825.7
Number of Beneficiaries/Retirees/ Disabilitant	4,488	4,992	5,640	6,214	6,813
Beneficiary/ Retiree/ Disabilitant Pension Expense ⁽³⁾ (\$ in millions)	\$130.4	\$151.6	\$176.7	\$200.0	\$225.4
Beneficiary / Retiree Healthcare Expense ⁽²⁾	N/A	N/A	N/A	N/A	N/A
Pension Data (Portable Pension Plan)	Tier 2⁽⁴⁾				
For Fiscal Year Ending: June 30, XXXX	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	N/A	5,438	5,980	6,393	6,894
Number of Inactive Participants vested ⁽¹⁾	N/A	1,388	2,014	2,557	3,102
Number of Inactive Participants	N/A	N/A	N/A	N/A	N/A
Not Vested ⁽¹⁾					
Salary Expense(\$ in millions)	N/A	\$243.9	\$285.4	\$314.9	\$354.9

Pension Data: Self-Managed Plan (Defined Contribution)					
For Fiscal Year Ending: June 30, XXXX	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	11,409	11,928	11,880	11,852	12,106
Number of Inactive Participants vested ⁽¹⁾	7,992	8,476	9,041	9,503	9,759
Number of Inactive Participants Not Vested ⁽¹⁾	N/A	N/A	N/A	N/A	N/A
Salary Expense (\$ in millions)	\$736.0	\$879.3	\$909.9	\$935.9	\$983.3
Number of Beneficiaries/Retirees/ Disabilitants	381	432	557	533	739

ILLINOIS PENSION CODE – ARTICLE 15
STATE UNIVERSITIES RETIREMENT SYSTEM

Traditional Define Plan Detail:	Tier 1	Tier 2
Maximum Salary Cap	Limit set under IRC section 401(a)(17): FY2018 earnings limit is \$270,000. FY2019 earnings limit is \$275,000.	Limited to a max earnings of \$112,408.42 for FY2018 and \$113,644.91 for FY2019. Increases annually thereafter by the lesser of 3% or 1/2 of the Consumer Price Index change for the preceding year as provided by the IL Dept of Insurance.
Total Employee Contribution %	8.0%	8.0%
Salary Used for Regular Pension (Defined)	Final Avg. Earning (FAE) is greater of: (a) average earnings during 4 highest consecutive academic years, or (b) average of the last 48 months prior to termination	Final Avg. Earning (FAE) is greater of: (a) average earnings during 8 highest consecutive academic years of the last 10 years, or (b) average earnings of the highest 96 consecutive months during the last 120 months of service
Salary Used for Disability Benefit	Greater of either 50% of the basic compensation at time of disability or 50% of the average earnings for 24 months prior to the date member became disabled	Greater of either 50% of the basic compensation at time of disability or 50% of the average earnings for 24 months prior to the date member became disabled
Employer Share of Normal Cost from Actuarial Valuation	25.01%	10.76%
Cost of Living Adjustment	3%, compounded annually	Calculated using the lesser of 3% or 1/2 of the Consumer Price Index change for the preceding year. The increase is not compounded
Source of Employer Funds	State Appropriations, Federal, Trust Funds, and other	State Appropriations, Federal, Trust Funds, and other
Vesting at	5 years of service	10 years of service
Age Requirement Minimal for Pension	At age 62 with at least 5 years of service. At age 55 with at least 8 years of service. Or at any age with at least 30 years of service	At age 67 with 10 years of service or age 62 with at least 10 years of service with age reduction
Length of Service for Full Pension	Retire at any age with 36.364 or more years of service	Retire at age 67 or older with 36.364 or more years of service.
Compulsory Retirement Age	None, normal retirement age is 60	None, normal retirement age is 67
Reduction for Early Retirement	age reduction of 0.5% for each month under age 60 no age reduction if member has 30 years of service	age reduction of 0.5% for each month under age 67

Traditional Define Plan Detail:	Tier 1	Tier 2
Basic Rate of Annuity	2.2% / Year : Money purchase is not available for employee starting at 07/01/2005	2.2% / Year
Minimum Annuity % / Amount	\$25 per month for every year of service credit	\$25 per month for every year of service credit
Maximum Annuity %	80%	80%
Spouse's Annuity	Yes	Yes
Child's Annuity	Yes	Yes
Parent's Annuity	Yes	Yes
Beneficiary/Retiree Health Insurance Coverage	Yes	Yes
Single-Sum Death Benefits	With survivor: 7/8 of accumulated member's contribution balance. Without Eligible survivor: refund of total accumulated member contribution and interest and if the member was active at death, an amount up to \$5,000 based on annual FAE to a dependent beneficiary (or \$2,500 to a non-dependent beneficiary).	With survivor: 7/8 of accumulated member's contribution balance. Without Eligible survivor: refund of total accumulated member contribution and interest and if the member was active at death, an amount up to \$5,000 based on annual FAE to a dependent beneficiary (or \$2,500 to non- dependent beneficiary).
Rate of Interest for buyback of Creditable	Interest rate used is 6% compounded annually from the date they became	Beginning 9/1/82 the effective rate of interest is used
Service/reinstatement:	participant until 8/31/82 • Beginning 9/1/82 the effective rate of interest is used	
Allowed voluntary refunds of contributions?	Yes, refund consists of all member contributions and interest at 4-1/2%.	Yes, refund consists of all member contributions and interest at 4-1/2%.
Non-Duty Disability Percentage	Temporary - After 2 years of service, 50% from 61st consecutive day of being disabled if sick leave exhausted.	Temporary - After 2 years of service, 50% from 61st consecutive day of being disabled if sick leave exhausted.
Duty Disability Benefit Percentage	Permanent – 35% of final salary, payable after exhaustion of temporary (non-duty) disability benefit	Permanent – 35% of final salary, payable after exhaustion of temporary (non-duty) disability benefit
Occupational Disability Percentage	Permanent – 35% of final salary, payable after exhaustion of temporary (non-duty) disability benefit	Permanent – 35% of final salary, payable after exhaustion of temporary (non-duty) disability benefit

Web-site: <https://www.surs.org/>

ILLINOIS PENSION CODE – ARTICLE 15
STATE UNIVERSITIES RETIREMENT SYSTEM

DEFINITION OF / ADDITIONAL INFORMATION

The retirement plan provides retirement annuities and other benefits for staff members and employees of the state universities, certain affiliated organizations and certain other state educational and scientific agencies and for survivors/ dependents of the employees.

- (1) The actuarial valuation does not report the number of inactive participants vested and non-vested separately.
- (2) The Beneficiary/Retiree Healthcare Expense is maintained by the Illinois Central Management Service (CMS) SURS does not receive this information.
- (3) The reporting of Tier 2 participant statistical data was not reported in the actuarial valuation until 2015.
- (4) As of Fiscal Year, 2018, there are no Tier 2 beneficiaries, retirees, or disabilitants.

Annuity/Pension: Terms are used interchangeably relating to retirement benefit.

Basic Rate of Annuity: 2.2% for each year of service.

Beneficiary/Retiree: A person eligible for or receiving benefits from the retirement system.

COLA: Cost of living annual pension increase, the effective date varies, dependent on applicable code.

Effective Rate of Interest ("ERI") is the interest rate that is applied to member contribution balances. Effective since

July 1, 2005 with the enactment of Public Act 94-0004, the ERI is established by the Comptroller of the State of Illinois for purposes of the calculation of retirement annuities under the money purchase formula and when crediting to member contribution balances. That rate is 6.5% for the year ended June 30, 2018 and 6.75% for the year ended June 30, 2019.

Inactive participant: A deferred pensioner or annuitant.

Normal cost: Percentage of the part of the actuarial present value of all future benefit payments and appropriate administrative expenses assigned to the current year under the actuarial valuation method used by the plan (excluding any amortization of the unfunded accrued liability).

Portable Plan: A plan offered to new employees in place of the traditional defined benefit plan. Individuals are vested in the plan after 5 years of Service for Tier 1 or 10 years for Tier 2, at a contribution rate of 8%. Under the plan contributions may be refunded, consisting of all member contributions and total interest credited, plus for those members with greater than or equal to years of service credit (5 years for Tier 1 and 10 years for Tier 2), an equal amount of employer contributions. New employees are allowed 6 months after their date of hire to make an irrevocable election. If an election is not made within that time, the traditional benefit plan is deemed chosen.

Special Formula: Annuity rate available for police officers and firefighter with over 20 years of service. Rate varies based on years of service, 10 years at 2.25%, next 10 of 20 years. At 2.5%, next 10+ years at 2.75%. Application of provision along with the rates to years of service varies dependent on entry date.

Tier 2 member: An individual who first became a participant on or after January 1, 2011.

Total Employee Contribution Percentage: Percentage is the sum of all required contributions if contributions are refunded, or not applicable at the time of retirement, then a portion of contributions may be refunded. Varies based on provisions of the pension code employee contributions 6.5%, automatic annuity Increase of 0.5%, and spouse and survivor 1.0%.

Type of Plan: A defined pension plan that provide retirement annuities and other benefits for employees, survivors, dependents, and other beneficiaries of such employees. SURS also offers a defined contribution plan that provide benefits for employees.

Fiscal Year: The State of Illinois fiscal year July 1 – June 30 was used to list the legislative amendments

ILLINOIS PENSION CODE – ARTICLE 15
STATE UNIVERSITIES RETIREMENT SYSTEM

LEGISLATIVE AMENDMENTS

EFFECTIVE FISCAL YEAR 2017

Public Act 099-0830 effective Jan 1, 2017: SURS Participation Limited to Public Employees - Excludes individuals who begin employment with certain employers on or after the effective date from participation under SURS. Gives the SURS Board of Trustees final determination as to whether a person is an employee covered under SURS.

Public Act 099-0897 effective Jan 1, 2017: SURS Participation, Basic Compensation, and Earnings Limitations - Excludes individuals who begin employment with certain employers on or after the effective date from participation under SURS. Requires the SURS Board of Trustees to promulgate rules to determine whether a person is an employee covered under SURS and gives the Board final determination as to whether a person is an employee covered under SURS. Excludes amounts for bonuses, housing allowances, vehicle allowances, social club dues, and athletic club dues from the calculation of pensions for employees who first become participants of SURS on and after the effective date of the legislation. Establishes penalties for the failure to provide information to SURS. Requires employers under SURS to certify with each payroll submission that the information is correct and complies with all applicable State and federal laws. Allows a SURS participant to establish service and earnings credit for periods of furlough, as well as earnings credit for periods of a voluntary pay reduction taken in lieu of furlough, beginning on or after July 1, 2015 and ending on or before June 30, 2017. Requires SURS to include earnings that would have been paid to a participant had he or she not taken a period of furlough or a voluntary pay reduction in lieu of furlough beginning on or after July 1, 2015 and ending on or before June 30, 2017 for the purposes of determining whether the employer must pay a 6% bill to SURS. Codifies the default investment fund under the Self-Managed Plan.

Public Act 099-0682 effective Jul 29, 2016: Election to Restore Survivors Insurance Benefits - Allows eligible SURS retirees to restore their survivor's insurance benefits by making a one-time, irrevocable election to repay their survivors refund or additional annuity, along with interest compounded at the actuarially assumed rate of return, to SURS.

Public Act 099-0683 effective Jul 29, 2016: Deceased Annuitant Identification Process - Requires the development and implementation of a process to identify deceased annuitants. Requires a retirement system or pension fund to check for deceased annuitants at least once per month using common methods to identify deceased persons. Requires any information contained in the State vital records to be made available, at no cost, to any pension fund or retirement system under the Illinois Pension Code for administrative purposes.

EFFECTIVE FISCAL YEAR 2018

Public Act 100-0587, effective Jun 4, 2018: FY 2019 Budget Implementation - Offers a buyout equal to 60% of the present value of pension benefits for vested inactive members. Offers a buyout equal to 70% of the present value of the difference between the Tier 1 AAI and a reduced and delayed AAI (1.5% simple, delayed until the later of age 67 or 1 year after retirement) for Tier 1 members. Authorizes the issuance of \$1 billion worth of bonds to finance the buyout payments under SERS, SURS, and TRS. Reduces the 6% rule to 3%. Requires recertification of the FY 2019 State contribution based on the changes made by the legislation and using the assumptions used to certify the original FY 2019 State contribution.

Public Act 100-0551, effective Jan 1, 2018: No Investments in Expatriated Entities - Prohibits the state-funded retirement systems from investing in expatriated entities. Authorizes the state-funded retirement systems to use shareholder activism prior to divestment from expatriated entities.

Public Act 100-0556, effective Dec 8, 2017: Return-to-Work Law for Affected Annuitants and SURS Technical and Administrative Changes - Allows SURS retirees who became affected annuitants between August 1, 2013 and May 31, 2015 and who receive annualized retirement annuities of less than \$10,000 to return to work with a SURS-covered employer without the employer having to pay a contribution to SURS. Authorizes SURS to issue subpoenas in connection with an attempt to obtain information to assist in the collection of sums due to the System, all personal

identifying information necessary for the administration of benefits, and the determination of the death of a benefit recipient or a potential benefit recipient. Codifies longstanding practices related to the administration of disability benefits and disability retirement annuities.

Public Act 100-0563, effective Dec 8, 2017: Public Act 100-0023 Trailer Bill, Tier Clarification - Clarifies that individuals who first become members of SURS on or after January 1, 2011 and prior to the implementation date of the Optional Hybrid Plan will participate in SURS as Tier 2 members.

Public Act 100-0542, effective Nov 8, 2017: Investment Consultant Disclosures - Requires investment consultants to make certain disclosures related to searches for investment services. Prohibits the board from awarding a contract without receiving these disclosures and requires the Board to consider these disclosures prior to the award of a contract. Requires investment consultants to disclose all compensation and economic opportunity received in the last 24 months by investment advisors retained by the Board. Requires investment consultants to disclose any compensation or economic opportunity received in the last 24 months by an investment advisor that is recommended for selection by the consultant. Prohibits the board from awarding a contract without receiving these disclosures.

Public Act 100-0334, effective Aug 25, 2017: Survivors Felony Forfeiture - Prohibits any benefits from being paid to a person who is convicted of a felony relating to, arising out of, or in connection with a person's service as an employee under SURS. This change applies to individuals who first become participants in SURS on or after the effective date of the legislation.

Public Act 100-0323, effective Jul 6, 2017: FY 2018 Budget Implementation - Authorizes the use of money in the State Pensions Fund as part of the FY 2018 State contribution to SURS. Creates an optional hybrid plan for: new participants of SURS on or after the implementation date of the optional hybrid plan and current Tier II participants who irrevocably elect to participate in the optional hybrid plan. Requires the State to make additional contributions in FY 2018, FY 2019, and FY 2020 equal to 2% of the total payroll for each employee who participates in the optional hybrid plan or who participates in the Tier II plan in lieu of the optional hybrid plan. Requires prospective and retroactive smoothing of any changes in actuarial assumptions made to the State contribution since FY 2014. Requires recertification of the FY 2018 State contribution. Requires the employer to contribute the employer normal cost of the defined benefits of optional hybrid plan participants and participants who would have been in the optional hybrid plan but elected to participate in the Tier II plan, beginning in FY 2018. Requires the employer to pay the unfunded liability of the defined benefits of optional hybrid plan participants, participants who would have been in the optional hybrid plan but elected to participate in the Tier II plan, and participants who currently participate in the Tier II plan but elect to participate in the optional hybrid plan, beginning in FY 2018. Requires the employer to pay a 2% surcharge for optional hybrid plan participants and participants who would have been in the optional hybrid plan but elected to participate in the Tier II plan, beginning in FY 2021. Requires the employer to pay the employer normal cost of the portion of an employee's earnings that exceeds the amount of salary set for the Governor, for academic years beginning on or after July 1, 2017.

EFFECTIVE FISCAL YEAR 2019

Public Act 101-0010, effective June 5, 2019: Fiscal Year 2020 Budget Implementation Bill - Creates the FY 2020 Budget Implementation Act to make changes in State programs that are necessary to implement the State budget for Fiscal Year 2020. Authorizes the use of moneys in the State Pensions Fund as part of the FY 2020 State contribution to SURS. Repeals the 3% rule and re-enacts the 6% rule. Extends the existing accelerated pension benefit payment options for three years (from June 30, 2021 to June 30, 2024).

Public Act 101-0988, effective Aug 20, 2018: SURS Comptroller Intercept - Enhances SURS' ability to obtain delinquent employer payments that are owed under the law by intercepting them through the State Comptroller and/or the county treasurer for the county in which the employer is located.

Public Act 101-0902, effective Aug 17, 2018: Senior Administrative Staff Diversity - Requires each retirement system, pension fund, or investment board to make its best efforts to ensure that the racial and ethnic makeup of its senior administrative staff represents the racial and ethnic makeup of its membership.

Public Act 100-0769, effective Aug 10, 2018: Optional Defined Contribution Benefit - Creates optional, supplemental defined contribution plans under SURS and TRS.

Public Act 100-0611, effective Jul 20, 2018: Department of Innovation and Technology Act - Establishes that the Department of Central Management Services is an employer with respect to persons employed by the State Board of Higher Education in positions with the Illinois Century Network as of June 30, 2004 who remain continuously employed after that date by the Department of Central Management Services in positions with the Department of Innovation and Technology.

Public Act 100-0624, effective Jul 20, 2018: SURS Governor's Salary Rule - Corrects the Governor's Salary Rule that was enacted by the General Assembly as part of Public Act 100-0023 for SURS and TRS. Removes the requirement that SURS use an employee's full-time equivalent earnings for purposes of the calculation, changes the term academic/school year to State fiscal year, clarifies that SURS will not "double-charge" on normal cost amounts previously paid by the employer during the State fiscal year, gives SURS the ability to recover delinquent amounts under the law, and makes the changes apply retroactively to the effective date of Public Act 100-0023.

ILLINOIS PENSION CODE – ARTICLE 15
STATE UNIVERSITIES RETIREMENT SYSTEM

JUDICIAL ADMINISTRATIVE REVIEW COMMITTEE (JCAR) AMENDMENTS

EFFECTIVE FISCAL YEAR 2016

40 Ill. Reg 8437 (June 3, 2016): Employer Contributions for Employing Affected Annuitants. Section 1600.275 of the Amendment implemented the addition of Section 15-139.5 of the Illinois Pension Code [40 ILCS 5/15-139.5], initially enacted under PA 97-968, effective August 16, 2012, and subsequently amended under PA 98-596, effective November 19, 2013, and PA 98-1144, effective June 1, 2015. After the enactment of PA 97-968, SURS held various working groups with employers to create efficient reporting and monitoring mechanisms for employed annuitants, an unprecedented endeavor in the retirement system's history. During these efforts, SURS was advised of the likelihood of legislation that would substantially change the substance of Section 15-139.5. Therefore, to avoid waste of system resources, SURS decided to delay rulemaking pending these changes. After the enactment of PA 98-596, SURS continued to work with employers to build online database systems that efficiently collected and disseminated annuitant status reporting for purposes of Section 15-139.5. PA 98-1144 amended Section 15-139.5 further to exclude annuitants receiving \$10,000 or less annually from the scope of "affected annuitant" status. Soon after the enactment of PA 98-1144, the SURS Board tentatively approved the substance of the Amendments in June 2015, and finally approved their filing for First Notice in September 2015. In the absence of rulemaking, SURS has enforced Section 15-139.5 through the terms of that provision along with the general authorizations under the Illinois Pension Code regarding employer reporting [40 ILCS 5/15-168] and the carrying of reasonable activities which are deemed necessary to accomplish the purposes of the System [40 ILCS 5/15-177]. No employer appeals concerning Section 15-139.5 have been permitted in the absence of rulemaking. Sections 1600.202 and 1600.203 of the Amendment make conforming amendments necessary to implement Section 1600.275 while rearranging some provisions for easier reading. Section 1600.510 of the Amendment provides a procedure for employer appeals of SURS staff decisions. Several provisions of the Illinois Pension Code require SURS to make decisions that affect employers in the administration of the system, including, but not limited to, informational reporting, determinations of pensionable earnings, determinations of service credit (contract dates, leaves of absence, part-time status, etc.), and employer contributions from trust, federal, or other funds. Under the 6% Rule [40 ILCS 5/15-156(g)], an employer may request a recalculation of the 6% bill while claiming certain exceptions. There is no statutory requirement that employers be provided a hearing to contest SURS staff decisions. Because staff decisions on employer matters are currently not appealable to the Executive Committee, the only recourse of an employer would be to seek Administrative Review in circuit court. To reduce the expense and delay of seeking resolution of employer matters in court, SURS proposes to permit internal reviews of employer matters. Because employers, as governmental bodies, are not subject to Due Process protections, SURS proposed a document review process, rather than a live-hearing process in order to conserve system resources and minimize administrative delays. Section 15-188 of the Illinois Pension Code [40 ILCS 5/15- 188] provides that all final administrative decisions (including employer-related decisions) of the SURS Board are subject to appeal under the Administrative Review Law. Section 1600.270 of the Amendment makes a conforming amendment implementing Section 1600.510 in the 6% Rule process.

EFFECTIVE FISCAL YEAR 2018

40 Ill. Reg. 15353 (December 5, 2017): The rulemaking amended Sections 1600.500 and 1600.720, adding a clarification to Section 1600.500 concerning staff argumentation and evidence submissions before the Claims Panel where the claimant has waived his or her appearance at the hearing and amended Section 1600.720 to provide for the electronic delivery of election materials and electronic balloting in trustee elections.

40 Ill. Reg. 11606 (September 1, 2017): This rulemaking added a SIMPLE IRA clarification to Section 1600.140, adds a vacation payment and disability benefit commencement Section and further clarifies Section 1600.605 to further define what documents SURS may accept as evidence of a Consent to Issuance of QILDRO.

EFFECTIVE FISCAL YEAR 2019

41 Ill. Reg. 19078 (October 5, 2018): The amendments to Sections 1600.205, 1600.270, and the new addition of Section 1600.271 are implemented legislative changes to Article 15 of the Illinois Pension Code (40 ILCS 5/15) made by PA 99-897, effective January 1, 2017, and PA 100-23, effective July 6, 2017, in addition to making minor stylistic corrections.

ILLINOIS PENSION CODE – ARTICLE 16

TEACHERS’ RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending: 06/30	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	144,987	138,700	133,498	128,262	123,933
Number of Inactive Participants Vested					
Number of Inactive Participants Not vested					
Salary Expense	\$8,975,899,676	\$8,705,746,049	\$8,649,528,420	\$8,587,965,096	\$8,508,107,682
Number of Beneficiaries/Retirees					
Beneficiary/ Retiree Pension Expense					
Beneficiaries’ / Retirees Pension Expense					
Pension Data (Traditional Defined Benefit Plan Only)	Tier 2				
	Data reported in valuation for FY shown (data one year older)				
For Fiscal Year Ending	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	16,003	21,136	26,186	31,323	36,492
Number of Inactive Participants Vested					
Number of Inactive Participants Not vested					
Salary Expense	\$360,008,829	\$553,631,439	\$785,878,433	\$1,017,495,824	\$1,254,284,878
Number of Beneficiaries/Retirees					
Beneficiary/ Retiree Pension Expense					
Beneficiaries’ / Retirees Pension Expense					

ILLINOIS PENSION CODE – ARTICLE 16
TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

Traditional Define Plan Detail:	Tier 1 FY 2018	Tier 2 FY 2018
Maximum Salary Cap	Hired after June 30, 1996: \$270,000 limit set under section 401 (a) (17) of the IRS code	\$113,644.91
Total Employee Contribution %	9.0%	9.0%
Salary Used for Regular Pension (Defined)	Final Avg. Salary (FAS): Average of the four highest-paid consecutive 10 years of employment	Final Avg. Salary (FAS): Average of the eight highest-paid consecutive years during the last 10 years of employment
Salary Used for Disability Benefit	Salary at time of disability	Salary at time of disability
Employer Share of Normal Cost from Actuarial Valuation	12.57%	Negative 1.89%
Cost of Living Adjustment	3%, compounded	Lesser of 3% or ½ the CPI-U, not compounded
Source of Employer Funds	State appropriations, federal, trust funds, school districts, other	State appropriations, federal, trust funds, school districts, other
Vesting at	5	10
Age Requirement Minimal for Pension	55/20 yrs. (reduced), 60/10 yrs., 62/5 yrs.	62/10 yrs. (reduced), 67/10 yrs.
Length of Service for Full Pension	34 years to reach maximum	34 years to reach maximum (payable at 67)
Compulsory Retirement Age	No	No
Reduction for Early Retirement	1/2% per month under 60, exception: no reduction at age 55 with 35 yrs. of service.	1/2% per month under 67
Basic Rate of Annuity	2.2% / Year for earnings after 7/1/1998 with option to upgrade prior years.	2.2% / Year
Minimum Annuity % / Amount	\$25 / per yr. of services up to a maximum of \$750 with 30 yrs. requires member payment	\$25 / per yr. of services up to a maximum of \$750 with 30 yrs. requires member payment
Maximum Annuity %	75%	75%

Traditional Define Plan Detail:	Tier 1 FY 2018	Tier 2 FY 2018
Spouse's Annuity	Generally, 50% of member's pension other provisions for lump sums and death before retirement	Generally, 66 2/3% of member's pension other provisions for lump sums and death before retirement
Child's Annuity	Yes	Yes
Parent's Annuity	Yes (none in payment)	Yes (none in payment)
Beneficiary/Retiree Health Insurance Coverage	Available but not administered by TRS	Available but not administered by TRS
Single-Sum Death Benefits	Yes	Yes
Rate of Interest for buyback of Creditable Service/reinstatement:	6% (lower rates for years before June 30, 1981)	6%
Allowed voluntary refunds of contributions?	Refund consists of all member contributions (except 1% survivor contributions) and payments without interest 4 months after termination.	Refund consists of all member contributions (except 1% survivor contributions) and payments without interest 4 months after termination.
Non-Duty Disability Percentage	Temporary: 40% from 31st day, if sick leave exhausted after 3 years of service. Max duration equals 25% of credible service.	Temporary: 40% from 31st day, if sick leave exhausted after 3 years of service. Max duration equals 25% of credible service.
Duty Disability Benefit Percentage	Permanent – Greater of 35% of final salary at expiration of temporary disability or the benefit payable under the retirement formula reduced ½% if not 60 or 55 with less than 20 yrs.	Permanent – Greater of 35% of final salary at expiration of temporary disability or the benefit payable under the retirement formula reduced ½% if not 60 or 55 with less than 20 yrs.
Occupational Disability Percentage	60% of salary from first day duty- connected disability less any worker's compensation. Payable throughout disability.	60% of salary from first day duty- connected disability less any worker's compensation. Payable throughout disability.

Website: <http://www.trsil.org/>

Tier 3 information (if applicable otherwise leave blank)

None

ILLINOIS PENSION CODE – ARTICLE 16
TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

DEFINITION OF / ADDITIONAL INFORMATION

The retirement plan provides retirement, disability, and death benefits for teachers employed by Illinois public school districts outside Chicago in positions requiring licensure. Persons employed at certain state agencies and certain non-government entities are also members.

Annuity/Pension: Terms are used interchangeably relating to retirement benefits.

Basic Rate of Annuity: 2.2% for each year of service beginning July 1, 1998. Prior service can be upgraded to the 2.2% formula with a contribution. Members with service before July 1, 2005 [40 ILCS 5/16-133] receive the greater of the formula benefit or an actuarial calculation.

COLA: Cost of living annual pension increase. The term is often applied to automatic annual increases which are not tied to the cost of living and are not technically COLAs.

Inactive participant: Member who is not currently contributing to the system and has not taken a refund of prior contributions.

Normal cost: Percentage of the part of the actuarial present value of all future benefit payments and appropriate administrative expenses assigned to the current year under the actuarial valuation method used by the plan (excluding any amortization of the unfunded accrued liability). Total normal cost includes the member contribution employer normal cost excludes it.

Single Sum Benefit: A lump sum payment is available for individuals age 65 with fewer than 5 years of service. 1.67% of final average salary times years of service.

Tier 2 member: An individual who first became a participant on or after January 1, 2011.

Total Employee Contribution Percentage: 9.0% for the year ended June 30, 2016 and 9.0% thereafter. Components: retirement contributions 8.0% survivor 1% and automatic annual increase 0.5%.

Upgrade Provision: Beginning May 27, 1998, Tier I members can upgrade service earned under the graduated formula by making a specified optional contribution (1% of pay per year of service maximum contribution of 20%) and retire under the 2.2% formula. For members continuing to teach, every three full years worked under the new 2.2% formula reduces the number of years to be upgraded by one year. Other provisions apply.

TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

LEGISLATIVE AMENDMENTS**Public Acts Effective in Fiscal Year 2018**

P.A. 100-0023, effective July 5, 2017 (FY 2018 Budget Implementation Act): Required TRS, SURS, and SERS to each establish a Tier 3/Optional Public Hybrid Plan for members not covered by Social Security. However, the plan has not been established by any of the systems because it requires a trailer (follow-up) bill to clarify its requirements and allow the systems to maintain their tax-qualified status.

P.A. 100-0227, effective August 18, 2017: Requires the school district report card which is compiled and released by the Illinois State Board of Education (ISBE) to include the total and per pupil normal cost amount the state contributes annually to TRS for the district's employees. TRS must report this information to ISBE during the month of October, because by statute, the school district report card must be released annually no later than October 31.

P.A. 100-0334, effective August 25, 2017: Provides that if a survivor is convicted of a felony that relates to the initial member's pensionable service, then the survivor forfeits his or her benefit. The legislation affects only new hires.

P.A. 100-0340, effective August 25, 2017: Establishes the TRS retirement contribution rate applicable to salaries paid with federal funds at the total employer normal cost.

P.A. 100-0542, effective November 8, 2017: Requires pension fund consultants to disclose total number of searches and the total number that included a minority firm. Additionally, the consultant must disclose the amounts awarded to a minority firm. This information is not restricted to the business of the Illinois pension fund.

P.A. 100-0551, effective January 1, 2018: Requires, among other things, that state pension funds divest from "expatriate corporations." Expatriate corporations are those that are "a foreign incorporated entity which is treated as an inverted domestic corporation under subsection (b) of Section 835 of the Homeland Security Act of 2002, 6

U.S.C. 395(b)." The Illinois Investment Policy Board determines which entities are on the list. There is one notable difference from former divestment attempts: this new act allows for "shareholder activism" instead of divestment at the Board's discretion.

P.A. 100-0587, effective June 4, 2018 (FY 2019 Budget Implementation Act): Reduced the cap on salaries used in final average salary calculations from 6% to 3%. (However, the cap returned to 6% under P.A. 101-0010.) The act also included two voluntary programs that each sunset June 30, 2021. One program provides Tier I members with an "accelerated pension benefit payment" they can receive at retirement in exchange for receiving a lower and delayed noncompounded automatic increase compared to the current 3% compound automatic annual increase. The second program allows vested inactive members in either tier to receive a lump sum in lieu of receiving pension benefits. Under the automatic increase buyout, the member receives 70% of the difference in present values of the two annual increase streams. Under the inactive vested buyout, the member receives 60% of the present value of the future benefit stream. The state is authorized to sell up to \$1 billion in bonds to fund the programs no system assets are to be used to pay the buyouts.

Public Acts Effective in Fiscal Year 2019

P.A. 100-0596, effective July 1, 2018: Raised post-retirement work limits from 100 paid days or 500 paid hours to 120 paid days or 600 paid hours to address the teacher shortage problem. Retired members can teach up to these limits without affecting their benefits. The higher limits are in effect through June 30, 2020.

P.A. 100-0743, effective August 10, 2018: Extends the sunset provision for retired teachers returning to teaching in subject shortage areas from June 30, 2013 to June 30, 2019. (Later extended to 2021 by P.A. 101-0049.)

P.A. 100-0769, effective August 10, 2018: Directs TRS to offer an optional DC plan for all members of Tiers 1 and 2. The act allows TRS to offer a tax-qualified retirement savings account that can receive optional employee and employer contributions. TRS will use a third-party provider, and there will be no cost to the system as all costs are paid by participant contributions.

P.A. 100-0813, effective August 13, 2018: Requires ISBE to establish a program allowing school districts to utilize third party providers to provide substitute teachers by January 1, 2019. It also establishes some constraints on the use of substitute teachers provided by third party providers (for example, cannot use substitute teachers to reduce the number of full-time employees). The legislation is clear that substitute teachers hired from third party providers do not qualify to participate in TRS.

P.A. 100-0902, effective August 17, 2018: Sets a policy that executive staff at the pension funds should reflect the racial and ethnic makeup of the membership. The legislation originally only applied to SURS but was amended to include TRS and other retirement systems.

P.A. 100-1040, effective August 23, 2018: Amends the Local Records Act to require that if a school district, community college, or unit of local government enters into a severance agreement with an employee or contractor due to complaints of sexual harassment, specified details of the severance agreement must be posted on the public entity's website within 72 hours of the agreement's approval.

P.A. 101-0010, effective June 5, 2019 (FY 2020 Budget Implementation Act): Returns the 3% employer cost threshold applicable to a member's final average salary calculation to the pre-P.A. 100-0587 level of 6%. The act also extends the expiration dates for the Accelerated Annual Increase and Accelerated Pension Benefit Buyout Programs from June 30, 2021 to June 30, 2024. There has been no corresponding increase bonding authority provided to fund these two programs, however.

Public Acts Effective in Fiscal Year 2020

P.A. 101-0049, effective July 12, 2019: Extends the "retired return to work" program for TRS retirees from June 30, 2019 to June 30, 2021. The legislation allows school districts to hire annuitants to fill subject shortage teaching positions without the annuitants forfeiting their benefits for exceeding the retired return to work limitations in the Pension Code.

ILLINOIS PENSION CODE – ARTICLE 17

CHICAGO TEACHERS' PENSION FUND

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending: 06/30	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	24,717	22,857	21,620	20,271	19,389
Number of Inactive Participants Vested	4,818	5,464	5,715	6,062	9,398
Number of Inactive Participants Not vested	19,781	19,123	18,729	18,293	14,984
Salary Expense	\$ 2,149,841,688	\$2,155,604,327	\$2,071,040,979	\$2,030,175,116	\$2,094,830,446
Number of Beneficiaries/Retirees	27,722	28,114	28,298	28,439	28,549
Beneficiary/Retiree Pension Expense	\$1,306,341,856	\$1,331,567,406	\$1,384,826,398	\$1,424,938,184	\$1,466,280,439
Beneficiaries'/Retirees Pension Expense	\$72,874,594	\$79,316,153	\$66,673,226	\$49,000,701	\$66,867,696
Pension Data (Traditional Defined Benefit Plan Only)	Tier 2				
For Fiscal Year Ending	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	5,937	6,849	7,923	8,584	9,569
Number of Inactive Participants Vested	0	0	0	0	0
Number of Inactive Participants Not vested	1,011	2,242	3,313	4,277	5,298
Salary Expense					
Number of Beneficiaries/Retirees	0	0	0	0	0
Beneficiary/ Retiree Pension Expense	0	0	0	0	0
Beneficiaries' / Retirees Pension Expense	0	0	0	0	0

ILLINOIS PENSION CODE – ARTICLE 17

CHICAGO TEACHERS' PENSION FUND

Traditional Define Plan Detail:	Tier 1 FY 2018	Tier 2 FY 2018
Maximum Salary Cap	\$275,000 (limit set under Section 401(a)(17) of the IRS Code)	\$113,645
Total Employee Contribution %	9.0%	9.0%
Salary Used for Regular Pension (Defined)	Final Average Salary (FAS): average of 4 highest consecutive years within last 10 years of employment	Final Average Salary (FAS): average of the 96 highest-paid consecutive months during the last 120 months of employment
Salary Used for Disability Benefit	75% of final salary (duty disability)	75% of final salary (duty disability)
Employer Share of Normal Cost from Actuarial Valuation	9.06% (for the fund)	13.61% (for the fund)
Cost of Living Adjustment	3%	0% Increase in the annual salary maximum equals the lesser of 3% of ½ the CPI-U
Source of Employer Funds	Tax Levy	Tax Levy
Vesting at	5 years of service	10 years of service
Age Requirement Minimal for Pension	55 years of age with 20 years of service(reduced pension) 55 years of age with at least 33.95 years of service (unreduced pension) 60 years of age with at least 20 years of service (unreduced pension) 62 years of age with 5 years of service (unreduced pension)	62 years of age with 10 years of service (reduced pension) 67 years of age with 10 years of service (unreduced pension)
Length of Service for Full Pension	33.95 years of service	33.95 years of service
Compulsory Retirement Age	None	None
Reduction for Early Retirement	½ of 1% for each month under age 60 no reduction with 34 years of service and age 55 for retirement between ages 55 and 60	½ of 1% for each month under age 67
Basic Rate of Annuity	2.2% for all years after 1998 and upgraded years	2.2% per year
Minimum Annuity % / Amount	\$1,500	\$1,500

Traditional Define Plan Detail:	Tier 1 FY 2018	Tier 2 FY 2018
Maximum Annuity %	75%	75%
Spouse's Annuity	Yes	Yes
Child's Annuity	Yes	Yes
Parent's Annuity	No	No
Beneficiary/Retiree Health Insurance Coverage	Yes, partial reimbursement varies based on effective date (not to exceed 75%)	Yes, partial reimbursement varies based on effective date (not to exceed 75%)
Single-Sum Death Benefits	Yes, minimum of \$5,000	Yes, minimum of \$5,000
Rate of Interest for buyback of Creditable Service/reinstatement:	5%	5%
Allowed voluntary refunds of contributions?	Yes, refund consists of all member contributions and payments, without interest, prior to pension qualification	Yes, refund consists of all member contributions and payments, without interest, prior to pension qualification
Non-Duty Disability Percentage	2.2% of average salary for service prior to 7/1/1998 and for all service if upgrade elected. Without service upgrade, the formula is 1.67% of average salary per year from 10 to 20 years. At 20 years, the step-rate formula is discounted ½ of 1% per month for retirees less than age 55 to a maximum 5 years. No age discount after 25 years of service.	2.2% of average salary for service prior to 7/1/1998 and for all service if upgrade elected. Without service upgrade, the formula is 1.67% of average salary per year from 10 to 20 years. At 20 years, the step-rate formula is discounted ½ of 1% per month for retirees less than age 55 to a maximum 5 years. No age discount after 25 years of service.
Duty Disability Benefit Percentage	75% of annual salary at time of illness or injury, less Worker's Compensation Settlement	75% of annual salary at time of illness or injury, less Worker's Compensation Settlement
Occupational Disability Percentage	75% of annual salary at time of illness or injury, less Worker's Compensation Settlement	75% of annual salary at time of illness or injury, less Worker's Compensation Settlement

Website: <http://www.ctpf.org/> Article: Pubic School Teachers' Pension and Retirement Fund of Chicago If blank, no data was entered in the table by the retirement system.

Tier 3 information (if applicable otherwise leave blank)

None

DEFINITION OF / ADDITIONAL INFORMATION

The retirement plan provides retirement annuities and other benefits for staff members and employees of the Chicago Public Schools, approved charter schools, and the Chicago Teachers pension Fund.

Annuity/Pension: Terms are used interchangeably relating to retirement benefit.

Basic Rate of Annuity: 2.2% after June 30, 1998 for each year of service, dependent on years of service. Final annuity based on provisions as outlined by member's entry date. [Step rate prior to 7/1/98 without 2.2% formula upgrade: 1.67% first ten years, 1.9% next ten years, 2.1% another ten years, and 2.3% over 30years

Beneficiary/Retiree: A person eligible for or receiving benefits from the retirement system.

COLA: Cost of living annual pension increase/pensionable salary limitation. Effective date varies, dependent on applicable code. Annual pension increase begins for tier 1 at the later of age 61 or after one year of pension payments. A tier 2 retiree increase at later of age 67 or after one year of pension payments.

Inactive participant: a deferred pensioner or annuitant.

Normal cost: That portion of the Actuarial Present Value of pension plan benefits and expenses allocated to a valuation year by the Actuarial Cost Method. Any payment in respect of an Unfunded Actuarial Accrued Liability is not part of Normal Cost (see Amortization Payment). For pension plan benefits that are provided in part by employee contributions, Normal Cost refers to the total of employee contributions and employer Normal Cost unless otherwise specifically stated.

Pensionable Salary: Salary paid to member for service to the District or Fund, including salary paid for vacation and sick leave and any amounts deferred under a deferred compensation plan under code. Salary excludes payment for, unused vacation, sick leave, overtime pay, termination pay and any benefit compensation not salary.

Tier 2 member: An individual who first became a participant on or after January 1, 2011.

Total Employee Contribution Percentage: Percentage is the total sum of all required contributions if contributions are refunded, or a pension portion is not applicable at the time of retirement, then a portion of contributions may be refunded. Varies based on provisions of the pension code Contribution Breakout: employee contribution 7.5%, spousal portion 1%, and .5% automatic increases. Charter school contributions may vary for employer and teachers.

Type of Plan: A defined pension plan which provides retirement annuities and other benefits for employees, for survivors, dependents, and other beneficiaries of such employees.

Upgraded Years: Increasing prior annuity percentage to the current 2.2% required to pay additional employee contributions at 1% the teacher's highest salary within the last four years for each year of the prior service before July 1, 1998. Maximum is 20%, which upgrades all service years. No additional contribution is required with 30 years of service.

Fiscal Year: The State of Illinois fiscal year July 1 – June 30 was used to list the legislative amendments.

LEGISLATIVE AMENDMENTS**Legislative amendments having an impact on the Fund effective Fiscal Year 2017:**

Public Act 99-0683 effective July 29, 2016: Provides that each retirement system must implement a procedure to identify deceased annuitants. The procedure must include the requirement that the system check for deceased annuitants at least once per month. The bill also requires that the systems shall have access to the Illinois Department of Public Health vital records.

Public Act 99-0687 (SB 384) effective July 29, 2016: Amends the Open Meetings Act. Provides that a public body may hold closed meetings to consider, among other subjects, the discussion of matters protected under the Federal Patient Safety and Quality Improvement Act of 2005, and the regulations promulgated thereunder, or for the discussion of matters protected under the Federal Health Insurance Portability Accountability Act of 1996, and the regulations promulgated thereunder, by a hospital or other institution providing medical care that is operated by the public body.

Public Act 99-0702 (SB 2584) effective July 29, 2016: Amends the Chicago Teacher Article of the Illinois Pension Code. Provides that, for a person who first becomes a member after the effective date, the service retirement pension shall not commence more than one year prior to the date of the Fund's receipt of an application for the benefit.

Public Act 99-0786 effective August 12, 2016: Grants the Board of Trustees of the Fund the power to issue subpoenas to compel the attendance of witnesses and the production of documents and records in conjunction with the determination of certain employer payments, a disability claim, an administrative review proceeding, an attempt to obtain information to assist in the collection of sums due to the Fund, or a felony forfeiture investigation. Provides that fees of witnesses for attendance and travel shall be the same as the fees of witnesses before the circuit courts of this State and shall be paid by the party seeking the subpoena. Authorizes the Board to apply to any circuit court in the State for an order requiring compliance with the subpoena. In a provision concerning compensation limitations in the case of a service retirement pensioner who is re-employed as a teacher, provides that a service retirement pension shall not be cancelled in the case of a service retirement pensioner who teaches only driver education courses after regular school hours and does not teach any other subject area, so long as the person does not work as a teacher for compensation for more than 900 hours in a schoolyear.

Legislative amendments having an impact on the Fund effective Fiscal Year 2018:

Public Act 100-0023 (SB 42) effective July 6, 2017: Contains language that allows the Chicago Board of Education to adopt a new Tier 3 retirement plan by resolution or ordinance. The new Tier 3 plan is a hybrid plan with elements from a traditional defined benefit plan and a defined-contribution plan. No action has been taken by the Chicago Board of Education to adopt this plan.

Public Act 100-0334 (HB 350) effective August 25, 2017: Amends several articles of the Illinois Pension Code. The bill eliminates benefits for survivors of members convicted of a felony relating to or arising out of or in connection with the member's service as a teacher.

Public Act 100-0465 (SB 1947) effective August 31, 2017: Amongst other actions (e.g. an evidence-based funding formula for Illinois schools), provides for the State to cover the CTPF's normal pension costs and to defray retiree health care costs (\$221.3 million for fiscal year 2018), as a continuing appropriation going forward.

ILLINOIS PENSION CODE – ARTICLE 18

JUDGES' RETIREMENT SYSTEM OF ILLINOIS

Pension Data: (Traditional Defined Benefit Plan Only)	Tier 1				
For Fiscal Year Ending: 06/30	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	810	760	701	640	594
Number of Inactive Participants Vested	9	10	12	11	9
Number of Inactive Participants Not vested	7	10	8	5	4
Salary Expense	\$134,364,296	\$122,885,358	\$111,129,641	\$103,320,897	\$91,537,171
Number of Beneficiaries/Retirees	1,100	1,120	1,143	1,174	1,190
Beneficiary/ Retiree Pension Expense	\$118,590,965	\$122,813,117	\$128,643,211	\$136,722,040	\$144,138,214
Beneficiaries' / Retirees Pension Expense					
Pension Data (Traditional Defined Benefit Plan Only)	Tier 2				
For Fiscal Year Ending	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of Active Participants	141	201	246	313	342
Number of Inactive Participants Vested	0	0	0	0	0
Number of Inactive Participants Not vested	3	4	5	7	8
Salary Expense	\$15,915,727	\$23,017,716	\$28,408,326	\$36,416,611	\$40,527,684
Number of Beneficiaries/Retirees	0	1	1	1	3
Beneficiary/ Retiree Pension Expense	\$0	\$323	\$556	\$556	\$6,982
Beneficiaries' / Retirees Pension Expense					

ILLINOIS PENSION CODE – ARTICLE 18
JUDGES’ RETIREMENT SYSTEM OF ILLINOIS

Traditional Define Plan Detail:	Tier 1	Tier 2
Maximum Salary Cap	\$275,000 – is the limit for 2018 under Section 401(a)(17) of the IRC	\$119,791.79 for Calendar Year 2018
Total Employee Contribution %	11%	11%
Salary Used for Regular Pension (Defined)	Final Average Salary: Salary on the last day of employment as a judge, or the highest salary received by the participant for employment as a judge in a position held by the participant for at least 4 consecutive years, whichever is greater. Dependent of start date 40 ILCS 5/18 Section 125.	Final Avg. Salary: AVG highest 96 consecutive monthly wages within last 120.
Salary Used for Disability Benefit	See above	See Above
Employer Share of Normal Cost from Actuarial Valuation	20.80% (blended) 28.61% (Tier 1 approximation)	20.80% (blended) (10.28% Tier 2 approximation)
Cost of Living Adjustment	Compounded 3% increases	Lesser of 3% or the CPI-U increase, compounded
Source of Employer Funds	State Appropriations (GRF)	State Appropriations (GRF)
Vesting at	6 years	8 years
Age Requirement Minimal for Pension	62	67 with no reduction, 62 years with reduction of ½ of 1% for each month under age 67
Length of Service for Full Pension	20 years	20 years
Compulsory Retirement Age	None	None
Reduction for Early Retirement	Yes at 55, reduction of ½% / month of 1% under 60 with less than 20 years of service. Reduction is reduced by 5/12 of 1% for every month of service over 20 yrs.: A Tier 1 participant may retire at age 55 with no reduction in the annuity if he or she has earned 26 years of service credit.	Reduction of ½ of 1% for each month under age 67
Basic Rate of Annuity	3.5 % for first 10 yrs. of service and 5% for each yr. over 10.	3% per years. of service
Minimum Annuity % / Amount	21%: The figure assumes that the member retires independently without reciprocity. Members retiring	24%: The figure assume that the member retires independently without reciprocity. Members retiring

Traditional Define Plan Detail:	Tier 1	Tier 2
	reciprocally only need 1 year of service in the System if the combined service under all the systems they are retiring reciprocally meets the minimum vesting requirement for each system.	reciprocally only need 1 year of service in the System if the combined service under all the systems they are retiring reciprocally meets the minimum vesting requirement for each system.
Maximum Annuity %	85%	60%
Spouse's Annuity	Yes, if elected	Yes, if elected
Child's Annuity	Yes	Yes
Parent's Annuity	None	None
Beneficiary/Retiree Health Insurance Coverage	Yes, though not administered by JRS	Yes, though not administered by JRS
Single-Sum Death Benefits	For JRS members that die before retirement with no eligible survivors, then a death benefit equal to employee contributions shall be payable. For JRS members that die after retirement with no qualified survivors, a death benefit equal to contributions less any benefit payments shall be payable.	Same as Tier 1
Rate of Interest for buyback of Creditable Service/reinstatement:	4%	4%
Allowed voluntary refunds of contributions?	Yes, refund consists of all member contributions.	Same as Tier 1
Temporary Disability Percentage	Temporary (50% of rate of salary, during disability until the end of the term of office; after 2 years of service).	Same as Tier 1
Permanent Disability Benefit Percentage	Permanent Disabled member w' 10 yrs., eligible to receive pension without reduction percentage. Percentage based on final average salary and years of service.	N/A

Website: https://srs.illinois.gov/Judges/home_jrs.htm

Notes:

- In the last report, all inactives of JRS were included in the vested row. Should have been broken down in the same manner as this year's report.

- In the previous report, salary expense for Tier 1 Judges were listed as follows: FY 14 - \$146,984,031, FY 15 - \$139,883,439, FY 16 - \$131,534,436 . Typically, we do not report salary by Tier group, however the data as presented reflects a more accurate approximation.
- In the previous report, benefit payment expense for Tier 1 Judges were listed as follows: FY 14 - \$120,684,700, FY 15 - \$127,867,105, FY 16 - \$134,584,393. The information presented in this year's report is an accurate representation of such expense.
- In the previous report, salary expense for Tier 2 Judges were listed as follows: FY 14 - \$25,586,109, FY 15 - \$36,995,488, FY 16 - \$46,159,017. Typically, we do not report salary by Tier group, however the data as presented reflects a more accurate approximation and is based on the "capped/pensionable salary"

Tier 3 (plan type and benefit):

No Tier 3 plan for JRS

ILLINOIS PENSION CODE – ARTICLE 18
JUDGES' RETIREMENT SYSTEM OF ILLINOIS

DEFINITION OF / ADDITIONAL INFORMATION:

A tier 2 member: an individual who first became a participant on or after January 1, 2011.

COLA: Cost of Living Annual Pension increase effective date varies, dependent on applicable statute.

Type of Plan: A defined pension plan which provides retirement annuities and other benefits for employees, for survivors, dependents, and other beneficiaries of such employees.

For Tier 2: members the retirement annuity is suspended when an annuitant accepts full time employment in a position covered under the General Assembly Retirement System or any other Article of the Illinois Pension Code.

Provisions: Plan provisions are general and are not all inclusive. For a better understanding of the plan's provisions review the corresponding Article of the Illinois Pension Code.

ILLINOIS PENSION CODE – ARTICLE 18
JUDGES' RETIREMENT SYSTEM OF ILLINOIS

LEGISLATIVE AMENDMENTS

Effective Fiscal Year 2017 Legislative amendments having an impact on the System:

Public Act 99-683; effective July 29, 2016: Provides that each retirement system except for Article 3 and Article 4 must implement a procedure to identify deceased annuitants. The procedure must include the requirement that the system check for deceased annuitants at least once per month. The bill also requires that the systems shall have access to the Illinois Department of Public Health vital records. Pension Act modification of 40 ILCS 5/1-140.

Effective Fiscal Year 2018 Legislative amendments having an impact on the System:

Public Act 100-0023; effective July 6, 2017: Requires that any changes in the pension liability that result from actuarial assumption modifications, shall be smoothed over a five-year period.

Public Act 100-0334; effective August 25, 2017: Provides that an eligible survivor of a member shall be ineligible for benefits if convicted of any felony relating to, arising out of, or in connection with the service of the member that earned such benefit.

Public Act 100-0902; effective August 27, 2018: Provides that most retirement systems regulated under the Illinois Pension Code, shall make its best efforts to ensure that the racial and ethnic makeup of the senior administrative staff reflects such demographics of the membership of the respective fund.