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# **ELECTED TRUSTEES**



Michael J. Shanahan Fund President



Timothy J. McPhillips Elected Member



Anthony R. Martin Fund Secretary



Daniel Fortuna Retired Member

# EX-OFFICIO TRUSTEES



Anthony Vasquez Deputy Fire Commissioner



Daniel Widawsky Comptroller of the City of Chicago



Susana Mendoza Vice President Clerk of the City of Chicago



**Kurt A. Summers Jr.** *City of Chicago Treasurer* 

# ADVISORS AND CONSULTANTS

Actuary - Gabriel, Roeder, Smith & Company Independent Auditors - Legacy Professionals Investment Consultant – Callan Legal Counsel - Burke, Burns & Pinelli Master Custodian - The Northern Trust Company

# PROFESSIONAL STAFF

Executive Director - Kenneth E. Kaczmarz Chief Investment Officer - Michael G. Moran, CFA, CPA Fund Comptroller - Jaclyn McAllister The Firemen's Annuity and Benefit Fund of Chicago (Fund) is providing this Popular Report for the year ended December 31, 2015 to its active, retired, and disabled members to provide an overview of the Fund. A complete copy of the Fund's audited financial statements, as well as other information pertaining to the operation of the Fund is available online at www.fabf.org.

Throughout 2015, the Board attended to the many items related to the administration of the Fund including the retirement of 175 members. The Board approved 13 applications for duty disability benefits, 13 applications for occupational disability benefits and 3 applications for ordinary disability benefits. Additionally, the board approved benefits for 5 children of active members who passed away while active members of the Chicago Fire Department. In 2015, 116 firefighter/paramedic members (page II) and 92 widows of former members died.

The major concern of the Fund continues to be adequate funding of our retirement plan. As you may recall, on December 30, 2010, Governor Pat Quinn signed PA 96-1495 consistent with police and fire union recommendations requiring the City of Chicago to begin funding our retirement system on an actuarial basis, to bring us to 90 percent over 25 years, beginning with increased payments to the Fund in 2016. Prior to PA 96-1495 becoming law, Mayor Richard Daley's Commission to Strengthen Chicago's Pension Funds put forward a recommendation that the City of Chicago fund city employee pensions to at least 80 percent of their obligations within 50 years.

On May 30, 2016, over the veto of Governor Bruce Rauner, the Illinois legislature passed SB 777. This amendment requires a new funding schedule beginning with \$199 million in 2016 and increasing every year over the next five years. At the end of five years, the City is required to contribute sufficient revenue on an actuarial basis for the Fund to achieve a 90 percent funded level within 40 years.

To put this into perspective, under the 2.26 multiplier method, the City paid to the Fund approximately \$107 million in employer contributions in 2015. Public Act 96-1495 would have provided an increase of employer contributions to the Fund to an amount of \$246 million in 2016. As previously stated, SB777 requires \$199 million in 2016. The major challenge for the Fund is that while SB 777 may provide sufficient revenue for the Fund to be cash neutral over the next five years, the cost associated with future benefit payments will continue to grow. While the Fund will receive more revenue, it will not be sufficient to improve our funding ratio. In 2021, the Fund will begin receiving actuarially based funding which will provide revenue sufficient to begin reversing the stress on our severely underfunded retirement plan caused by statutory insufficient contributions.

Given the funding crisis of Chicago's retirement systems, we are keenly aware that difficult decisions have been made and that resolving Chicago's financial challenges will require more difficult decisions. We are grateful for the efforts by both the City administration and the Chicago Firefighters Union Local 2 to continue their efforts toward obtaining additional revenue to address the historical underfunding of our retirement system. The Retirement Board of the Firemen's Annuity and Benefit Fund of Chicago will continue to work with all stakeholders to promote the fiscal integrity of the Fund and protect our participants' retirement security.

In closing, know that the primary commitment of the Retirement Board and staff of the Firemen's Annuity and Benefit Fund is to you, our members. We continue to dedicate all of our efforts to the prudent oversight of your Fund and are committed to providing the highest possible level of service to our participants. We encourage all members to communicate with the Board and Staff as necessary. Your opinions and suggestions are always welcome.

Fund Secretary



The Firemen's Annuity and Benefit Fund of Chicago (the Fund) was established in 1931 and is governed by Chapter 40, including specifically, Act 5, Article 6 of the Illinois Compiled Statutes (Statutes). The Illinois Legislature is the only entity that can amend the Fund's structure. The Fund was created for the purpose of providing retirement, disability and death benefits for employees of the City of Chicago (City) employed under the provisions of the Municipal Personnel Ordinance as fire service and for the dependents of such employees.

The Fund is a single-employer defined benefit pension fund with statutorily defined contribution minimums. These defined contributions come from two sources. Covered employees make a contribution in the amount of 9.125% of their salary to the Fund. Salary, under the Statues, is capped at \$111,571.63 in 2016 for participants who entered the Fund after January 1, 2011. The City of Chicago is required to make contributions in the amount of \$199 million in 2016, \$208 million in 2017, \$227 million in 2018, \$235 million in 2019 and \$245 million in 2020. Payment year 2021 and after require the City of Chicago to contribute an amount equal to the normal cost of the Fund plus an amount sufficient to bring the total assets of the Fund up to 90% by 2055. The City of Chicago contribution is made primarily in the form of property tax receipts.

The Statutes authorize a Board of Trustees of eight members to administer the Fund. According to the Statutes, four members of the Board are ex officio and four are to be elected by the employee members of the Fund. The four ex officio members are a Deputy Fire Commissioner, the City Clerk, the City Comptroller and the City Treasurer. All Board Trustees are fiduciaries to the Fund and are statutorily mandated to perform their duties solely in the interest of the Fund's participants and beneficiaries.

The Board has the powers and duties specified in the Statutes to collect all contributions due to the Fund, to invest the Fund's assets, to have an annual audit, to appoint employees, to authorize or suspend payment of any benefit and to have exclusive original authority in all matters relating to or affecting the Fund. The Board approves its own budget which is prepared by the staff of the Fund. The Board is required to submit specific financial information to the City Council of the City of Chicago and the State of Illinois Department of Insurance annually.

The Fund provides retirement, disability and death benefits for eligible members.

Participants hired before January 1, 2011 who retire with at least 20 years of service are entitled to receive a minimum formula annuity upon attainment of age 50. The calculation of a minimum formula annuity is equal to 50% of average salary for the highest 48 consecutive months of the last 10 years of service, plus an additional 2.5% of such average salary for each year of service or fraction thereof in excess of 20 years of service. This annuity shall not exceed 75% of the final average salary. The monthly annuity is increased by 3% of the original annuity at the first of the month following the later of age 55 or the first anniversary of retirement and by 3% each January 1st thereafter, if born before January 1, 1955. There is no limit on the increases. If born after January 1, 1955, the monthly annuity is increased by 1.5% of the original annuity at the first of the month following the later of age 60 or the first anniversary of retirement and 1.5% on each January 1st thereafter, but not to exceed a total increase of 30%.

Participants hired before January 1, 2011 who retire at age 50 with 10 or more but less than 20 years of service are entitled to an annuity of the entire sum accumulated for age and service annuity from deductions from salary, plus 1/10 of the sum accumulated from contributions by the City for each completed year of service after the first 10 years. If the participant has 10 years of service and has not yet attained age 50, his annuity shall be fixed as of and computed as if he were exactly age 50 and the benefit will be payable upon his attainment of age 50 and proper application.

Participants hired on or after January 1, 2011, age 50 or more with at least 10 years of service shall be entitled to receive a monthly retirement annuity. The calculation of a monthly retirement annuity is equal to 2.5% of average salary for the highest 96 consecutive months of the last 10 years of service subject to an annuity reduction factor of ½ of 1% for each month the participant is under age 55. This annuity shall not exceed 75% of the final average salary. The monthly annuity is increased by the lesser of (i) 3%) or (ii) ½ of the CPI-U on the January 1st either on or after the attainment of age 60 or the 1st anniversary of the annuity start date, whichever is later.

If an employee leaves covered employment without qualifying for an annuity, accumulated contributions are refunded with statutory interest.

For more information regarding the Fund's provision of disability and death benefits, see the Illinois Compiled Statutes, particularly Chapter 40, Act 5, Article 6, which specifically and exclusively refers to the Fund.

i. Illinois Compiled Statutes, Chapter 40, Act 5, Article 6 - detailed information regarding this Fund's provision of retirement, disability and death benefits

ii. Single Employer – City of Chicago
iii. Defined Benefit Pension Fund – a Fund in which a retired member receives a specific monthly payment based on a formula of the member's salary and years of service.

# STATEMENTS OF PLAN NET POSITION

ASSETS	2015	2014
Receivables	\$245,623,449	\$116,669,252
Cash and Investments, at fair value	802,505,864	922,505,115
Collateral Held For Securities on Loan	140,197,357	160,968,881
TOTAL ASSETS	1,188,326,670	1,200,143,248
LIABILITIES		
Payables	3,028,220	3,165,966
Securities Lending Collateral	140,197,357	160,968,881
TOTAL LIABILITIES	143,225,577	164,134,847
NET POSITION HELD IN TRUST FOR PENSION BENEFITS	\$1,045,101,093	\$1,036,008,401

The Statement of Plan Net Position presents the Fund's assets and liabilities and the resulting net position, which are held in trust for pension benefits. It reflects a year-end snapshot of the Fund's investments at market value, along with cash and short-term investments, receivables, and other assets and liabilities. Net assets equal the difference between the assets available for payments of future benefits and current liabilities that are owed at the end of the year. The net position increased 0.9% from 2014 to 2015 with certain categories

experiencing meaningful fluctuations. The increase in plan net position was primarily due to a significant increase in employer contributions of 117%. It should be noted that these financial statements reflect the funding policy in effect under Public Act 96-1495. After the financial statement date, Public Act 99-0506 replaced Public Act 96-1495. Under Public Act 99-0506 the Fund would have recognized approximately \$47 million less in revenue and plan net position would have decreased by 3.7%.

# STATEMENTS OF CHANGES IN PLAN NET POSITION

	2015	2014
BEGINNING NET ASSETS	\$ 1,036,008,401	\$ 1,116,704,857
REVENUES		and the latest live in
Contributions	285,038,067	157,861,847
Net Investment Income	(346,886)	30,863,888
TOTAL REVENUE	292,640,770	188,737,129
EXPENDITURES	THE PERSON NAMED IN COLUMN	
Retirement Benefits	214,127,585	202,899,248
Survivor and Dependent Benefits	34,125,254	32,914,445
Disability Benefits	25,016,515	24,456,379
Death Benefits	690,400	801,600
Health Care Benefits	2,381,458	2,471,055
Gift Fund Payments	500,000	500,000
TOTAL BENEFIT PAYMENTS	276,841,212	264,042,727
Refund of Contributions	3,557,317	2,321,666
Administrative Expenses	3,149,549	3,066,946
Litigation Settlements	-	2,246
TOTAL EXPENDITURES	283,548,078	269,433,585
NET INCREASE (DECREASE)	9,092,692	(80,696,456)
ENDING NET POSITION	\$1,045,101,093	\$1,036,008,401

The Statement of Changes in Plan Net Position presents the results of Fund operations. During 2015, the Fund's revenue of \$292.6 million was principally comprised of contributions received from the City of Chicago and active members. Fund expenditures totaling \$283.5 million were primarily payments to beneficiaries, refund of contributions and administrative expenses.

#### HIGHLIGHTS OF SIGNIFICANT CHANGES

Contributions: \$285 million in contributions consists of \$238.4 million from the City of Chicago and \$46.6 million from active members of the Chicago Fire Department. Receivables related to Employer contributions increased \$128.7 million (117%) from 2014 to 2015 due to the recognition of the actuarially determined contribution as a result of the implementation of Public Act 96-1495. After the financial statement date Public Act 99-0506 replaced Public Act 96-1495 and employer contributions under this law will be reduced by approximately \$47 million.

Investment Income: The Fund's market rate of return for 2015 was 0.4% in comparison to 3.9% in 2014. The Fund's gross investment return was approximately \$4.6 million.

Other Income: The Fund received \$7.9 million in interest from the City of Chicago due to the Lewis litigation settlement.

Benefit Payments: Accounting for \$276.8 million (97.6%) of the Fund's \$283.5 million in total expenditures were the benefits paid to eligible members and their dependents. Benefit payments increased \$12.8 million (4.9%) from 2014 to 2015 due to several factors including the continuation of a program for free retiree healthcare to those age 55 or higher which added annuitants above longer term expectations and cost of living increases.

#### **FUNDING**

The primary measure of the health of a defined benefit plan is its funded ratio, which compares assets on hand to the present value of all future liabilities expected to be paid. Each year, the Fund's actuary performs a valuation that determines our funded ratio.

According to the Fund's December 31, 2015 actuarial valuation the present value of the future liabilities was \$4.8 billion and the current assets were \$1.0 billion resulting in an unfunded liability of \$3.8 billion and corresponding 21.7% funded ratio. The funded ratio indicates that at December 31, 2015, the Fund has 21.7% of assets needed to cover its future actuarial liabilities which is below an adequate level of funding.

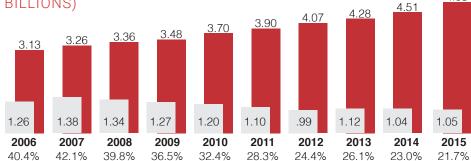
The graph at the bottom of this page indicates the Fund's actuarial assets, liabilities and corresponding funded ratios for the last ten years. As displayed in the graph, the funded ratio decreased 1.3% from the prior year. This decrease in the funded ratio was due to a combination of factors, most notably, insufficient funding from the employer and changes in actuarial assumptions. The 2015 actuarial report reflects the Board of Trustees reduction in the assumed investment return to 7.5% and assumed inflation rate to 2.5%. Prior to 2015, the assumed rate of return on investments was 8.0% and inflation was 3.0%. The switch to more conservative assumptions has been a trend among public pension funds nationally.

On May 30, 2016, Public Act 99-0506 became law and changed the City of Chicago's required contribution to the Fund. The 2015 actuarial report was based on the law that was in effect as of December 31, 2015 and does not reflect the impact of Public Act 99-0506. Public Act 99-0506 reduced the Fund's employer contributions for 2016 through 2020 by approximately \$275 million. The new law also extends the time frame for the Fund to reach a 90% funded ratio from 2040 to 2055. Public Act 99-0506 requires the City of Chicago contributions to be actuarially determined beginning in 2021.

4.83



Actuarial value of assets
Actuarial liability



As of December 31, 2015 there were 9,464 members in the Fund, consisting of 4,732 active members, 3,044 retired members, 1,286 widows, 79 children, 1 parent and 322 members on disability.

The population of active firefighters reflects a large proportion (74%) that is over the age of 40. This trend also shows of active members, 1,472 (31%) have 20 or more years of service required for a minimum formula annuity. 1,376 (93%) are age 50 or older and can retire at any time. 568 members have the years of service required for the maximum retirement benefit of 75% of final average salary.

Over the past 10 years, members' average age at the time of retirement has remained relatively consistent, fluctuating between 57.4 and 59 years old. Members' average years of service at retirement is the lowest it has been in the last 10 years. The average years of service at retirement over the last 10 years is 29.9 compared to 28.7 in 2015. The average annual retirement benefit consistently grew each year resulting in an increase of 43% over the last decade. The average annual benefit paid in 2006 was \$50,171 compared to \$71,823 in 2015. The average age at retirement was 58.4 years with an average of 28.7 years of service in 2015.

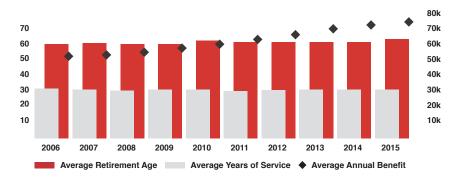
The population of benefit recipients indicates that the majority of the recipients are retired firefighters (64%). Approximately 64% of recipients receive an annuity of more than \$4,000 monthly. Another large portion (19%) of the population is recipients who collect less than \$2,000 per month. Nearly 86% of these recipients with monthly benefit checks less than \$2,000 are widows of deceased firefighters.

# ACTIVE PARTICIPANTS BY AGE AND YEARS OF SERVICE

YEARS OF SERVICE (AS OF DECEMBER 31, 2015)

AGE	<5	5 - 9	10 - 14	15-19	20 - 24	25 - 29	Over 30	TOTAL
20 - 24	2							2
25 - 29	119	30						149
30 - 34	305	242	12					559
35 - 39	160	224	88	36				508
40 - 44	22	159	257	387	7			832
45 - 49	5	84	262	353	58	31		793
50 - 54	6	41	118	195	211	508	16	1,095
55 - 59	2	12	50	67	123	250	143	647
Over 60		3	9	10	22	37	66	147
TOTAL	621	795	796	1,048	421	826	225	4,732

#### AVERAGE RETIREMENT BENEFITS



# NUMBER OF BENEFIT RECIPIENTS BY TYPE & MONTHLY BENEFIT AMOUNT

(AS OF DECEMBER 31, 2015)

MONTHLY BENEFIT AMOUNT	TOTAL NUMBER OF BENEFIT RECIPIENTS	SERVICE	DISABILITY	WIDOWS	CHILDREN/ PARENT
UNDER \$1,000	82	27			55
\$1,000 - \$2,000	797	19		753	25
\$2,001 - \$3,000	461	105	2	354	
\$3,001 - \$4,000	365	224	59	82	
\$4,001 - \$5,000	464	375	69	20	
\$5,001 - \$6,000	842	706	102	34	
\$6,001 - \$7,000	915	834	56	25	
\$7,001 - \$8,000	454	411	27	16	
OVER \$8,000	352	343	7	2	
TOTAL	4,732	3,044	322	1,286	80

The Firemen's Annuity and Benefit Fund of Chicago's investment portfolio gained 0.4% for the year ended December 31, 2015. U.S. equities posted modest returns (1.3%) due to improving employment trends, residential investment and auto sales. Fixed income returns were disappointing but not unexpected (-0.3%), as the Fed Funds rate was increased for the first time since 2006. International equity returns did not fare well either (0.3%), due to slower growth prospects (especially China) in international economies and a strengthening U.S. dollar. Commodity returns were again terrible in 2015 (-27%), led downward by the energy sector, most notably oil.

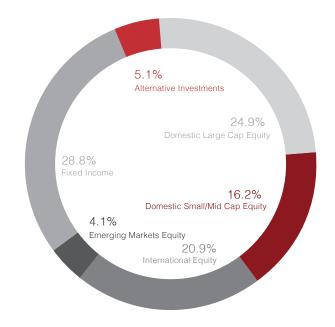
While the Fund's one year return was modest, the Fund's three and five year returns of 8.3% and 7.6% both exceed the Fund's actuarially assumed rate of return of 7.5% and placed the Fund at or near the top quartile of its peer universe. Fund performance over the longer term is just as impressive. Over the twenty and twenty-five year periods, the Fund has outperformed its actuarially assumed rate of return by approximately 0.5% and 1.7% respectively.

The Fund's all time portfolio low of \$660 million was at March 2009, the bottom of the "Great Recession." Since that time, the Fund has paid out approximately \$1.7 billion in total expenditures and its investments have generated \$867 million in earnings and as of December 31, 2015 the Fund's investments were valued at \$804 million.

Because of the critical underfunded status, the Fund continues to adhere to its long term investment objectives as stated by the Retirement Board in the Fund's Investment Policy. The primary purpose of the Fund's portfolio is to obtain the highest return possible, while at the same time managing risk. The asset allocation reflected in the accompanying pie chart corresponds to

POLICE

those policy objectives. It is the Fund's adherence to its investment objectives that has generated the additional returns, thus preventing further acceleration of the total unfunded liability.



The additional funding from Public Act 99-0506 will relieve some of the liquidity pressure on the current portfolio that has caused the sale of Fund investments each year to pay current benefits. In past years, the Fund had to liquidate approximately 12-13% of the investment portfolio each year to meet pension obligations. In 2016, with the increased funding, the Fund expects to liquidate between 6-7% of the portfolio each year for the next five years in order to meet its pension obligations. Beginning in 2021, employer contributions to fund the Plan will be based on the actuarially determined contribution. Such funding, over time, will reduce the need to sell portfolio assets to pay for benefits. It is the goal of Public Act 99-0506 to have the Fund at a 90% ratio of assets to liabilities by 2055.

#### LONG TERM INVESTMENT RETURNS



#### 2010

Members entering the Fund on or after January 1, 2011 will not earn service credit in this Fund for any period in which they are in receipt of retirement benefits from any other annuity and benefit fund in operation in the city.

#### Changes to Fund financing:

- Assets are marked to market at March 31, 2011. After that, the actuarial value of assets is used based on a five-year smoothing.
- The City levies a new tax to increase the funding beginning in 2015.
- Each year, employer contributions combined with member contributions and other Fund revenue must be equal to an amount that is sufficient to produce 90% funding by fiscal year 2040.
- If the City does not make the required contributions, then starting in 2016, the State could withhold grants to the City and directly deposit the funds into FABF. The withheld funds are limited to 33% of total State grants to the City in 2016, 67% in 2017 and 100% in 2018 and after.

### CHANGES TO BENEFITS FOR MEMBERS HIRED AFTER JANUARY 1, 2011

- A participant age 55 or > with 10 or > years of service is entitled, at his option, to receive a monthly retirement annuity for his creditable service computed by multiplying 2.5% for each year of service by his or her final average salary subject to a maximum of 75% of final average salary.
- If a participant retires after attaining age 50 with 10 or > years of service, the annuity shall be reduced by ½ or 1% for each month the participant is < age 55.
- Final average salary is based on 96 consecutive months within the last 120 months.
- For all purposes under this plan, the annual salary is capped at \$160,800 in 2011. However that cap shall be adjusted annually by the lesser of (i) 3% including all previous adjustments or (ii) ½ of the CPI-U.
- COLA begins the later of the January 1st after attainment of age 60 or the 1st anniversary of the annuity start date in an amount equal to the lesser of (i) 3% or (ii) ½ of the CPI-U (but not less than zero).
- Survivor benefits are 66 2/3% of the fireman's earned pension at the date of their death.
- Survivor's COLA is the lesser of 3% or ½ of the CPI-U, beginning when the survivor reaches age 60.







#### 2011

All pension funds subject to the Code are required to comply with the federal Heroes Earnings Assistance and Relief Tax Act of 2008.

Members hired on or after January 1, 2012 that receive a retirement annuity or pension and accept a contractual position to provide services to a governmental entity from which he or she has retired, shall have their annuity suspended during the contractual service. It is a class A misdemeanor for a pensioner who is seeking contractual employment to fail to notify certain persons about his or her retirement status before accepting an employment contract.

#### 2012

Any reasonable suspicion of fraud against the Fund must be reported to the State's Attorney for investigation.

#### 2013

Health insurance supplement payments to eligible employee annuitants is extended until such time as the city no longer provides a health care plan for such annuitants or December 31, 2016, whichever comes first.

Exceptions to the RFP process for obtaining investment services.

#### 2016

The board is authorized to lend securities owned by the Fund to a borrower provided that 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.

Any records kept by the board that are photographed, microfilmed, digitally or electronically reproduced can be deemed as original records for all purposes.

Every public pension fund must develop and implement a process to identify annuitants who are deceased.

Minimum retirees' annuity is increased to 125% of the Federal Poverty Level per month.

#### CHANGES TO FUND FINANCING

- Requires the city to contribute \$199 million in 2016, \$208 million in 2017, \$227 million in 2018, \$235 million in 2019 and \$245 million in 2020.
- Payment year 2021 and after require the City to contribute an amount equal to the normal cost of the fund, plus an amount sufficient to bring the funded ratio up to 90% by 2055.
- Proceeds derived from a casino in the City of Chicago may be used to satisfy the police and fire city pension contribution obligation in any year.
- The Fund can bring a mandamus action to compel the City to pay its pension obligations.

# IN MEMORIUM FF/PM DANIEL V. CAPUANO FINAL ALARM DECEMBER 14, 2015

The Daniel V. Capuano family would like to extend our deepest gratitude for everything that the active and retired members of the CFD have done for us. We are truly touched by the outpouring of love and support for our family and feel blessed to be counted as part of this firefighter/paramedic family. You are a group that epitomizes honor and commitment, not just to each other, but to the families left behind in time of tragedy. Thank you for giving your time to come to the memorials, for your donations, your hugs, your comforting words, and your help. These things mean more to us than you could ever know.

Julie, Amanda, Andrew and Nicholas



#### 2015 DECEASED MEMBERS

EUGENE J. ABBOTT JOHN D. AHERN RUDOLPH V. ALLEGRUCCI RICHARD P. ANDERSON STEPHEN APPELHANS MARTIN J. BARRETT FREDERICK G. BECKER WILLIAM F. BELLAIR RICHARD E. BENDY JOHN L. BINIAK THOMAS R. BREITFUSS WILLIAM J. BREITFUSS PATRICK D. BURKE JOEL THOMAS CALLAHAN RUSSELL A. CANGELOSI DANIEL V. CAPUANO JOHN F. CARAHER WALTER M. CARLSON JOHN A. CLANCY FRANK P. CLARK JAMES M. CODY JACKSON L. COLE MARTIN L. CONNOLLY THOMAS C. COOK RICHARD D. CORR JAMES T. DAVIN ROBERT M. DEMPSEY CORNELIUS P. DILL JOSEPH F. DIMARIA THOMAS DRYNAN DONALD R. DUCH JAMES C. DZIEDZIC EDWARD R. EHRHARDT CLARENCE E. ELLISON JAMES E. FANT RICHARD FITSCHEN RICHARD W. FORD MAURICE M. GRAYER WILLIAM GUILFOYLE

ANTHONY M. GUTH RICHARD M. HANRAHAN ARTHUR J. HAUSMAN JR. WALTER J. HECHT RICHARD C. HOFFMAN RICHARD A. IBATA HENRY JABLONSKI EDWARD E. JANECZKO **DENNIS T. KING OLIVER KROLL** ROBERT J. KUCHARSKI ALPHONSE J. KUDRECKI JOHN J. LALLY ROBERT J. LANDERS RONALD C. LELO JOHN M. LEONARD **GEORGE LINK** WALTER J. LYNCH OMER J MacDONALD CALVIN C. MADSEN GEORGE J. MAREK RICHARD T. MARTINEZ PHILLIP S. MARTINI MARTIN J. McCAFFERTY FRANCIS C. McCARTHY DANIEL P. McCORMICK JOHN J. McDONALD **BISHOP McGUIRE** WILLIAM C. MEIERS RAYMOND E. MIKKELSON JR. RALPH R. MINNICH RAYMOND W. MORAN SR. ROBERT T. MULLIN JOSEPH MURPHY TIMOTHY J. O'LEARY JOHN J. O'BRIEN JOSEPH W. O'CONNOR JOHN L. O'HARE WILLIAM G. OLSON

FRANK J. OMAN PATRICK J. O'TOOLE RALPH J. PALUCK GORDON J. PATRIARCA NICHOLAS A. PFEFFER WILLIAM J. RADTKE THOMAS V. RAYCHEK JAN L. RAYE WARREN A. REDICK PATRICK M. REIDY DONALD E. ROARK JOHN ROUDEBUSH JAMES R. RUSSELL JOHN J. RYAN PHILLIP SANFILIPPO CHRISTOPHER SCAPARDINE JAMES J. SCHAEFER **GEORGE SCHLOMAS** GEORGE SCHNEIDER JR. LAWRENCE H. SLATER JOHN E. SMITHERS WILLIAM S. STAHLMAN ARTHUR J. STANIEC KEN STEPHENS LAWRENCE L. STEWART **ROGER STILLMAN** EDWARD P. TOOMEY WILLIAM A. TORPY KENNETH F. TRACY EDWARD J. TUNNEY LEROY A. WALICZEK MARK S. WALLACE **EDWARD WALLNER** RONALD F. WIESE LOREN WILLIAMS STANLEY A. WOLAK JAMES M. WULFF

The information set forth herein is believed to be reliable but is not guaranteed as to accuracy or completeness by, and is not to be construed as a representation of, the Firemen's Annuity and Benefit Fund of Chicago, the Retirement Board (the "Board") or any member of the Board. The information contained herein is as of a certain date and does not necessarily represent the current state of the Fund's affairs. Any expression of opinion, whether or not expressly so stated, is intended merely as such and not as representations of fact. Financial information contained in this report is as of a certain date and is presented in summary form. Interested persons can obtain a copy of the complete audited financial report of the Fund's assets and liabilities on line at www. fabf. org or by contacting the Fund's office.