



Annuity & Benefit Fund

Municipal Employees' of Chicago

Annuity & Benefit Fund

Monthly Update

February 28, 2013

Total Fund Composite

Market Value: \$5,107.3 Million and 100.0% of Fund

Ending February 28, 2013

	Asset Class	Market Value (\$)	1 Mo Net Cash Flows (\$)	% of Portfolio	Policy %	Policy Difference (\$)
Total Fund Composite		5,107,292,452	-45,773,315	100.0	100.0	0
Fixed Income Composite		1,320,793,222	-197,371	25.9	25.0	43,970,109
Neuberger Berman	Core Plus Fixed Income	276,271,059	-12,404	5.4		
LM Capital	Core Fixed Income	321,499,121	-38,443	6.3		
UBS	Core Fixed Income	114,418,186	-11,068	2.2		
Segall Bryant & Hamill	Int. Fixed Income	291,644,485	-21,064	5.7		
MacKay Shields	High Yield Fixed Income	186,972,525	-70,621	3.7		
Symphony	Senior Secured Loans	129,987,846	-43,771	2.5		
U.S. Equity Composite		1,369,903,073	-45,369,737	26.8	25.0	93,079,960
FIS Group U.S. Equity		119,873,671	-240	2.3	--	119,873,671
Great Lakes	Large-Cap Value	112,434,675	-27,777	2.2		
Herndon	Large-Cap Value	102,693,009	-15,030,240	2.0		
RhumbLine S&P 500 Index	Large-Cap Core	259,115,130	-2,162	5.1		
CastleArk	Large-Cap Growth	102,647,656	-33,431	2.0		
Holland Capital	Large-Cap Growth	110,335,603	-15,034,230	2.2		
Earnest Partners	Mid-Cap Core	106,775,315	-49,222	2.1		
William Blair	Mid-Cap Growth	91,016,865	-57,979	1.8		
Geneva Capital	Mid-Cap Growth	85,062,557	-15,035,549	1.7		
Ariel Investments	Smid-Cap Value	121,402,659	-39,644	2.4		
Keeley	Small-Cap Value	158,545,932	-59,262	3.1		
International Equity Composite		1,104,408,492	-332,193	21.6	20.0	82,950,002
FIS Group Non-U.S. Equity		49,545,902	-812	1.0	--	49,545,902
NTGI MSCI ACWI ex. U.S. Index Fund	Non-U.S. All-Cap Core	300,475,593	-17,571	5.9		
LSV	Non-U.S. Large-Cap Value	110,767,535	-57,283	2.2		
Cornerstone (fka Madison Square)	Non-U.S. Large-Cap Core	112,310,983	-47,130	2.2		
Walter Scott & Partners	Non-U.S. Large-Cap Growth	109,919,396	-75,905	2.2		
NTGI Small Cap International Index	Non-U.S. Small-Cap Core	261,413,329	-32,772	5.1		
William Blair	Emerging Markets	159,975,755	-100,720	3.1		
Hedge Fund Composite		548,040,875	0	10.7	10.0	37,311,630
Rock Creek Georgetown Fund	Hedged Equity Hedge FoF	279,812,590	0	5.5		
K2 Long Short Fund	Hedged Equity Hedge FoF	268,228,285	0	5.3		

Total Fund Composite

Market Value: \$5,107.3 Million and 100.0% of Fund

Ending February 28, 2013

	Asset Class	Market Value (\$)	1 Mo Net Cash Flows (\$)	% of Portfolio	Policy %	Policy Difference (\$)
Real Estate Composite		455,089,119	18,062	8.9	10.0	-55,640,126
Open-End Real Estate Comp		302,432,841	0	5.9	--	302,432,841
American Core Realty Fund, LLC	Core Real Estate	57,892,546	0	1.1		
AFL-CIO Building Investment Trust	Core Real Estate	69,163,661	0	1.4		
JPMorgan Strategic Property Fund	Core Real Estate	81,811,291	0	1.6		
PRISA	Core Real Estate	53,687,726	0	1.1		
PRISA II	Core Plus Real Estate	39,877,616	0	0.8		
Closed-End Real Estate Composite		152,656,278	18,062	3.0	--	152,656,278
Private Equity Composite		237,956,698	-2,544,764	4.7	10.0	-272,772,547
Fund of Funds Private Equity Composite		104,733,147	121,879	2.1	--	104,733,147
Direct Investment Private Equity Composite		133,223,551	-2,666,643	2.6	--	133,223,551
Cash Accounts		71,100,865	2,652,688	1.4	0.0	71,100,865

Total Fund Composite

Annualized Performance (Net of Fees)

Market Value: \$5,107.3 Million and 100.0% of Fund

Ending February 28, 2013

	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs
Total Fund Composite	0.7	4.9	3.5	9.1	6.4	10.1	15.0	3.8	4.2	7.1
<i>MEABF Actuarial Rate</i>	0.6	1.9	1.2	7.9	8.0	8.0	8.0	8.0	8.0	8.0
Fixed Income Composite	0.5	0.5	0.4	5.6	6.5	6.7	8.5	5.4	5.3	--
<i>Barclays Aggregate</i>	0.5	-0.3	-0.2	3.1	5.7	5.5	6.4	5.5	5.8	5.0
U.S. Equity Composite	1.4	9.2	7.5	13.0	8.7	14.7	24.8	6.5	5.2	--
<i>Dow Jones U.S. Total Stock Market</i>	1.3	8.2	6.9	13.6	9.0	13.9	23.3	5.5	5.0	9.1
International Equity Composite	-0.2	6.9	3.7	8.3	1.6	8.2	19.4	3.3	6.2	--
<i>MSCI ACWI ex USA</i>	-1.1	6.5	3.0	6.7	0.1	6.7	18.5	-0.9	3.0	10.7
<i>MSCI EAFE</i>	-0.9	7.6	4.3	9.8	0.8	6.8	17.2	-1.3	2.0	9.4
Hedge Fund Composite	1.0	5.0	4.0	7.6	3.5	4.6	5.1	--	--	--
<i>HFRX Equity Hedge Index</i>	1.2	4.3	3.8	5.1	-6.2	-1.1	2.4	-3.8	-1.7	0.9
Real Estate Composite	0.4	1.7	0.5	9.5	12.3	14.0	0.3	-3.3	1.3	4.9
<i>NPI</i>	0.0	0.8	0.0	8.7	11.2	12.4	5.7	1.9	5.6	8.3
Open-End Real Estate Comp	0.4	2.4	0.6	11.0	12.8	13.7	0.3	-2.2	2.5	5.9
<i>NFI</i>	0.0	0.7	0.0	8.0	11.0	13.2	2.8	-2.1	2.3	5.6

Total Fund Composite

Calendar Performance (Net of Fees)

Market Value: \$5,107.3 Million and 100.0% of Fund

Calendar Year

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002
Total Fund Composite	12.6	0.1	14.2	19.6	-28.6	7.3	12.7	6.7	10.4	19.6	-9.5
<i>MEABF Actuarial Rate</i>	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Fixed Income Composite	7.0	6.7	8.0	10.6	-4.6	5.2	4.6	2.3	4.4	--	--
<i>Barclays Aggregate</i>	4.2	7.8	6.5	5.9	5.2	7.0	4.3	2.4	4.3	4.1	10.3
U.S. Equity Composite	16.2	0.4	20.5	34.2	-38.7	5.2	12.6	5.5	12.6	--	--
<i>Dow Jones U.S. Total Stock Market</i>	16.4	1.1	17.5	28.6	-37.2	5.6	15.8	6.4	12.5	31.7	-20.9
International Equity Composite	18.3	-13.8	15.3	41.6	-36.6	14.3	29.8	17.2	16.4	--	--
<i>MSCI ACWI ex USA</i>	16.8	-13.7	11.2	41.4	-45.5	16.7	26.7	16.6	20.9	40.8	-14.9
<i>MSCI EAFE</i>	17.3	-12.1	7.8	31.8	-43.4	11.2	26.3	13.5	20.2	38.6	-15.9
Hedge Fund Composite	9.4	-4.7	5.3	--	--	--	--	--	--	--	--
<i>HFRX Equity Hedge Index</i>	4.8	-19.1	8.9	13.1	-25.5	3.2	9.2	4.2	2.2	14.5	2.1
Real Estate Composite	9.3	15.3	16.9	-31.8	-16.2	14.4	16.7	24.3	9.9	4.5	6.6
<i>NPI</i>	10.5	14.3	13.1	-16.9	-6.5	15.8	16.6	20.1	14.5	9.0	6.7
Open-End Real Estate Comp	10.7	15.0	14.8	-31.6	-11.1	15.8	15.3	22.6	12.7	8.3	5.2
<i>NFI</i>	9.8	15.0	15.3	-30.4	-10.7	14.8	15.3	20.2	12.0	8.3	4.6

Investment Manager

Annualized Performance (Net of Fees)

Market Value: \$5,107.3 Million and 100.0% of Fund

	Ending February 28, 2013										Inception	
	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	Return	Since
Total Fund Composite	0.7	4.9	3.5	9.1	6.4	10.1	15.0	3.8	4.2	7.1	--	--
<i>MEABF Actuarial Rate</i>	0.6	1.9	1.2	7.9	8.0	8.0	8.0	8.0	8.0	8.0	--	--
Fixed Income Composite	0.5	0.5	0.4	5.6	6.5	6.7	8.5	5.4	5.3	--	--	--
<i>Barclays Aggregate</i>	0.5	-0.3	-0.2	3.1	5.7	5.5	6.4	5.5	5.8	5.0	--	--
Neuberger Berman	0.4	-0.3	-0.3	3.7	6.0	6.3	8.9	6.2	6.1	5.3	5.9	May-01
<i>Barclays Aggregate</i>	0.5	-0.3	-0.2	3.1	5.7	5.5	6.4	5.5	5.8	5.0	5.7	May-01
LM Capital	0.6	-0.2	-0.1	3.9	6.0	5.6	--	--	--	--	6.7	Mar-09
<i>Barclays Aggregate</i>	0.5	-0.3	-0.2	3.1	5.7	5.5	6.4	5.5	5.8	5.0	6.2	Mar-09
UBS	0.5	-0.1	-0.1	3.8	5.9	--	--	--	--	--	5.1	Jul-10
<i>Barclays Aggregate</i>	0.5	-0.3	-0.2	3.1	5.7	5.5	6.4	5.5	5.8	5.0	4.6	Jul-10
Segall Bryant & Hamill	0.5	0.1	0.2	3.7	5.4	5.2	--	--	--	--	6.2	Apr-09
<i>Barclays Int Govt/Credit</i>	0.5	0.0	0.1	3.0	4.7	4.6	5.5	4.6	5.3	4.5	5.4	Apr-09
Mackay Shields	0.6	3.2	2.0	11.5	9.7	11.4	--	--	--	--	15.4	Apr-09
<i>BarCap Ba High Yield</i>	0.4	2.3	1.2	10.6	9.7	11.8	18.0	11.5	9.5	9.7	16.0	Apr-09
<i>Barclays High Yield</i>	0.5	3.5	1.9	11.8	9.4	12.0	21.7	11.3	9.2	10.3	18.2	Apr-09
Symphony	0.3	2.2	1.7	8.5	6.2	8.1	--	--	--	--	9.6	Aug-09
<i>CSFB Leveraged Loan</i>	0.4	2.3	1.5	8.1	5.0	6.8	14.1	6.3	4.8	5.5	8.5	Aug-09
U.S. Equity Composite	1.4	9.2	7.5	13.0	8.7	14.7	24.8	6.5	5.2	--	--	--
<i>Dow Jones U.S. Total Stock Market</i>	1.3	8.2	6.9	13.6	9.0	13.9	23.3	5.5	5.0	9.1	--	--
FIS Group U.S. Equity	1.1	8.7	6.9	11.9	6.5	--	--	--	--	--	14.7	Jul-10
<i>FIS Group Custom Benchmark</i>	1.2	9.6	7.1	13.8	8.0	14.3	24.3	6.4	4.8	10.0	15.8	Jul-10
Great Lakes	2.4	9.9	8.4	14.5	9.6	15.0	23.7	5.0	4.7	10.3	9.9	Mar-91
<i>Russell 1000 Value</i>	1.4	10.3	8.0	17.6	9.6	13.7	23.1	3.9	3.8	8.8	9.7	Mar-91
Hemdon	0.6	7.9	6.6	10.4	--	--	--	--	--	--	19.6	Nov-11
<i>Russell 1000 Value</i>	1.4	10.3	8.0	17.6	9.6	13.7	23.1	3.9	3.8	8.8	23.0	Nov-11
RhumbLine S&P 500 Index	1.4	7.6	6.6	13.7	9.5	13.6	22.5	--	--	--	6.4	Aug-08
<i>S&P 500</i>	1.4	7.6	6.6	13.5	9.2	13.5	22.4	4.9	4.6	8.2	6.1	Aug-08
CastleArk	1.3	6.6	6.6	7.6	6.4	13.8	23.3	3.9	5.2	--	7.8	Jul-04
<i>Russell 1000 Growth</i>	1.2	5.6	5.6	9.6	8.6	13.8	22.8	6.4	5.7	8.4	6.6	Jul-04
Holland Capital	1.3	7.6	6.6	8.4	8.5	13.5	22.8	8.1	6.6	8.7	8.0	Oct-02
<i>Russell 1000 Growth</i>	1.2	5.6	5.6	9.6	8.6	13.8	22.8	6.4	5.7	8.4	7.6	Oct-02
Earnest Partners	0.7	10.1	7.1	11.2	8.1	15.3	27.2	7.1	--	--	5.4	Nov-06
<i>Russell MidCap</i>	1.4	10.8	8.4	15.0	8.6	15.6	27.5	7.2	5.9	11.9	5.1	Nov-06
William Blair	1.7	8.7	7.1	6.4	7.2	14.7	23.3	7.9	--	--	5.9	Dec-06
<i>William Blair MCG Custom Benchmark</i>	1.0	9.2	7.2	10.8	7.3	15.3	26.1	7.2	5.2	11.6	4.5	Dec-06

Investment Manager

Annualized Performance (Net of Fees)

Market Value: \$5,107.3 Million and 100.0% of Fund

	Ending February 28, 2013										Inception	
	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	Return	Since
Geneva Capital	1.2	8.2	7.4	8.3	8.6	17.0	--	--	--	--	17.7	Nov-09
<i>Russell MidCap Growth</i>	1.0	9.2	7.2	10.8	7.3	15.3	26.5	6.8	5.8	11.3	16.4	Nov-09
Ariel Investments	2.3	13.6	10.9	19.6	5.9	15.0	35.0	8.0	5.2	9.8	12.6	Jun-84
<i>Russell 2500 Value</i>	1.6	11.9	8.5	18.9	8.6	15.2	26.8	7.8	5.1	11.7	--	Jun-84
Keeley	1.8	12.6	8.5	24.5	13.3	18.6	30.4	7.2	5.9	12.1	12.2	Dec-92
<i>Keeley SCV Custom Benchmark</i>	1.1	11.7	7.2	16.9	6.6	13.6	25.1	5.1	4.2	10.9	10.7	Dec-92
International Equity Composite	-0.2	6.9	3.7	8.3	1.6	8.2	19.4	3.3	6.2	--	--	
<i>MSCI ACWI ex USA</i>	-1.1	6.5	3.0	6.7	0.1	6.7	18.5	-0.9	3.0	10.7	--	
<i>MSCI EAFE</i>	-0.9	7.6	4.3	9.8	0.8	6.8	17.2	-1.3	2.0	9.4	--	
FIS Group Non-U.S. Equity	-0.9	5.8	3.2	--	--	--	--	--	--	--	--	Aug-12
<i>MSCI ACWI ex USA</i>	-1.1	6.5	3.0	6.7	0.1	6.7	18.5	-0.9	3.0	10.7	15.4	Aug-12
NTGI MSCI ACWI ex. U.S. Index Fund	-1.1	6.5	3.0	7.0	0.3	6.9	18.8	--	--	--	12.1	Oct-08
<i>MSCI ACWI ex USA</i>	-1.1	6.5	3.0	6.7	0.1	6.7	18.5	-0.9	3.0	10.7	11.9	Oct-08
LSV	-0.6	8.7	5.2	11.2	1.2	8.2	19.5	-0.2	2.0	--	4.7	Apr-05
<i>MSCI EAFE Value</i>	-2.4	7.5	3.4	9.7	-0.6	5.4	17.1	-1.8	1.0	9.6	3.7	Apr-05
Cornerstone (fka Madison Square)	1.1	4.5	3.9	9.7	1.6	5.6	12.5	2.0	4.8	--	6.3	Nov-04
<i>MSCI EAFE</i>	-0.9	7.6	4.3	9.8	0.8	6.8	17.2	-1.3	2.0	9.4	4.5	Nov-04
Walter Scott & Partners	-0.4	5.3	2.9	11.5	4.0	8.1	15.4	2.5	4.6	--	7.1	Nov-04
<i>MSCI EAFE Growth</i>	0.5	7.7	5.2	9.9	2.2	8.2	17.3	-0.7	2.9	9.1	5.1	Nov-04
NTGI Small Cap International Index	0.4	9.2	5.0	8.2	0.7	10.0	23.2	--	--	--	17.4	Oct-08
<i>MSCI World ex USA Small Cap</i>	0.4	9.2	5.2	8.0	0.3	9.7	22.9	1.4	2.4	12.8	17.1	Oct-08
William Blair	0.5	6.0	2.4	6.5	5.6	11.1	26.1	-0.9	5.8	--	10.4	Jul-05
<i>MSCI Emerging Markets</i>	-1.3	5.0	0.1	0.3	0.1	6.6	23.4	0.3	6.8	16.9	10.1	Jul-05
Hedge Fund Composite	1.0	5.0	4.0	7.6	3.5	4.6	5.1	--	--	--	--	
<i>HFRX Equity Hedge Index</i>	1.2	4.3	3.8	5.1	-6.2	-1.1	2.4	-3.8	-1.7	0.9	--	
Rock Creek Georgetown Fund	1.0	4.9	4.4	8.2	4.6	5.3	5.6	--	--	--	5.5	Jan-09
<i>HFRX Equity Hedge Index</i>	1.2	4.3	3.8	5.1	-6.2	-1.1	2.4	-3.8	-1.7	0.9	2.1	Jan-09
K2 Long Short Fund	1.1	5.1	3.7	7.0	2.5	3.8	4.6	--	--	--	4.4	Jan-09
<i>HFRX Equity Hedge Index</i>	1.2	4.3	3.8	5.1	-6.2	-1.1	2.4	-3.8	-1.7	0.9	2.1	Jan-09

Investment Manager

Annualized Performance (Net of Fees)

Market Value: \$5,107.3 Million and 100.0% of Fund

	Ending February 28, 2013										Inception	
	1 Mo	3 Mo	YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs	Return	Since
Real Estate Composite	0.4	1.7	0.5	9.5	12.3	14.0	0.3	-3.3	1.3	4.9	--	
<i>NFI</i>	0.0	0.8	0.0	8.7	11.2	12.4	5.7	1.9	5.6	8.3	--	
Open-End Real Estate Comp	0.4	2.4	0.6	11.0	12.8	13.7	0.3	-2.2	2.5	5.9	--	
<i>NFI</i>	0.0	0.7	0.0	8.0	11.0	13.2	2.8	-2.1	2.3	5.6	--	
American Core Realty Fund, LLC	0.0	2.3	0.0	10.2	12.1	11.4	-1.1	-2.2	1.9	--	4.4	Nov-03
<i>NFI</i>	0.0	0.7	0.0	8.0	11.0	13.2	2.8	-2.1	2.3	5.6	5.4	Nov-03
AFL-CIO Building Investment Trust	0.0	2.1	0.0	10.8	11.6	12.1	1.2	-1.2	3.0	4.9	4.8	Jun-02
<i>NFI</i>	0.0	0.7	0.0	8.0	11.0	13.2	2.8	-2.1	2.3	5.6	5.7	Jun-02
JPMorgan Strategic Property Fund	1.6	3.4	2.3	12.4	13.0	13.9	2.3	-0.5	3.6	6.9	7.0	Jun-02
<i>NFI</i>	0.0	0.7	0.0	8.0	11.0	13.2	2.8	-2.1	2.3	5.6	5.7	Jun-02
PRISA	0.0	1.7	0.0	8.7	13.3	14.7	-0.4	-3.3	1.8	5.5	6.1	Nov-81
<i>NFI</i>	0.0	0.7	0.0	8.0	11.0	13.2	2.8	-2.1	2.3	5.6	--	Nov-81
PRISA II	0.0	2.3	0.0	13.2	16.4	18.8	-2.2	-5.3	0.6	5.5	6.8	Nov-89
<i>NFI</i>	0.0	0.7	0.0	8.0	11.0	13.2	2.8	-2.1	2.3	5.6	--	Nov-89

Annuity & Benefit Fund

Inception Performance (Net of Fees)

Ending February 28, 2013

Asset Class	Benchmark	Manager	From	Performance		Difference
				Manager	Benchmark	
SMID-Cap Value Equity	Custom Benchmark ¹	Ariel	July-84	12.6%	11.7%	0.9%
Large-Cap Value Equity	Russell 1000 Value	Great Lakes	April-91	9.9%	9.7%	0.2%
Small-Cap Value Equity	Custom Benchmark	Keeley	January-93	12.2%	10.7%	1.5%
Enhanced Index Fixed Income	BarCap Aggregate	Neuberger Berman	June-01	5.9%	5.7%	0.2%
Large-Cap Growth Equity	Russell 1000 Growth	Holland	November-02	8.0%	7.6%	0.4%
Large-Cap Growth Equity	Russell 1000 Growth	CastleArk	August-04	7.8%	6.6%	1.2%
International Growth Equity	MSCI EAFE Growth	Cornerstone (fka Madison Square)	December-04	6.3%	4.5%	1.8%
International Growth Equity	MSCI EAFE Growth	Walter Scott	December-04	7.1%	5.1%	2.0%
International Value Equity	MSCI EAFE Value	LSV	May-05	4.7%	3.7%	1.0%
Int'l Emerging Core Equity	MSCI EM	William Blair	August-05	10.4%	10.1%	0.3%
Mid-Cap Core Equity	Russell MidCap	Earnest	December-06	5.4%	5.1%	0.3%
Mid-Cap Growth Equity	Custom Benchmark	William Blair	January-07	5.9%	4.5%	1.4%
Large-Cap Core Equity	S&P 500	Rhumblin	September-08	6.4%	6.1%	0.3%
International Core Equity	MSCI ACWI ex. U.S.	NTGI ACWI ex. U.S.	November-08	12.1%	11.9%	0.2%
Int'l Small-Cap Equity	MSCI Small-Cap International	MSCI World Ex USA Small Cap	November-08	17.4%	17.1%	0.3%
Hedged Equity Fund of Funds	HFRX Hedged Equity	K2 Advisors	February-09	4.4%	2.1%	2.3%
Hedged Equity Fund of Funds	HFRX Hedged Equity	Rock Creek	February-09	5.5%	2.1%	3.4%
Core Fixed Income	BarCap Aggregate	LM Capital	April-09	6.7%	6.2%	0.5%
Fixed Income - Intermediate	BarCap Int. Gov/Credit	Segall, Bryant, & Hamill	May-09	6.2%	5.4%	0.8%
Fixed Income - High Yield	BarCap Ba High Yield	MacKay Shields	May-09	15.4%	16.0%	-0.6%
Fixed Income - Senior Loan	CSFB Leveraged Loan	Symphony	September-09	9.6%	8.5%	1.1%
Mid-Cap Growth Equity	Russell MidCap Growth	Geneva Capital	December-09	17.7%	16.4%	1.3%
Core Fixed Income	BarCap Aggregate	UBS	August-10	5.1%	4.6%	0.5%
Large-Cap Value Equity	Russell 1000 Value	Herndon	December-11	19.6%	23.0%	-3.4%

¹ Ariel Custom Benchmark is Russell 2500 Value, and prior to March 2002, the Russell 2000 Value.