

Municipal Employees' Annuity &  
Benefit Fund of Chicago

Performance Update (Net of Fees)

Ending December 31, 2015

	3 Mo	1 Yr	3 Yrs	5 Yrs	10 Yrs	2015	2014	2013	2012	2011
<b>Total Fund Composite</b>	<b>2.5</b>	<b>1.8</b>	<b>7.5</b>	<b>7.0</b>	<b>5.2</b>	<b>1.8</b>	<b>5.1</b>	<b>16.1</b>	<b>12.8</b>	<b>0.1</b>
<i>Policy Benchmark</i>	2.6	0.6	6.8	6.2	4.6	0.6	5.8	14.3	11.4	-0.4
<i>Actuarial Rate</i>	1.8	7.5	7.5	7.6	7.8	7.5	7.5	7.5	7.5	8.0
<b>Fixed Income Composite</b>	<b>-0.8</b>	<b>0.6</b>	<b>1.7</b>	<b>3.8</b>	<b>4.2</b>	<b>0.6</b>	<b>4.3</b>	<b>0.4</b>	<b>7.0</b>	<b>6.7</b>
<i>Barclays Aggregate</i>	-0.6	0.5	1.4	3.2	4.5	0.5	6.0	-2.0	4.2	7.8
<b>U.S. Equity Composite</b>	<b>4.9</b>	<b>-0.7</b>	<b>12.9</b>	<b>10.9</b>	<b>7.0</b>	<b>-0.7</b>	<b>8.6</b>	<b>33.6</b>	<b>16.2</b>	<b>0.4</b>
<i>Wilshire 5000 Total Market</i>	6.4	0.7	14.7	12.1	7.4	0.7	12.7	33.1	16.1	1.0
<b>International Equity Composite</b>	<b>4.8</b>	<b>-1.1</b>	<b>4.2</b>	<b>2.9</b>	<b>5.9</b>	<b>-1.1</b>	<b>-2.9</b>	<b>17.6</b>	<b>18.3</b>	<b>-13.8</b>
<i>MSCI ACWI ex USA</i>	3.2	-5.7	1.5	1.1	2.9	-5.7	-3.9	15.3	16.8	-13.7
<i>MSCI EAFE</i>	4.7	-0.8	5.0	3.6	3.0	-0.8	-4.9	22.8	17.3	-12.1
<b>Hedge Fund Composite</b>	<b>2.5</b>	<b>3.4</b>	<b>8.6</b>	<b>6.0</b>	<b>--</b>	<b>3.4</b>	<b>5.4</b>	<b>17.6</b>	<b>9.3</b>	<b>-4.7</b>
<i>HFRX Equity Hedge Index</i>	0.8	-2.3	3.2	-1.4	-0.3	-2.3	1.4	11.1	4.8	-19.1
<b>Real Estate Composite</b>	<b>2.5</b>	<b>12.5</b>	<b>12.2</b>	<b>12.2</b>	<b>4.7</b>	<b>12.5</b>	<b>11.7</b>	<b>12.4</b>	<b>9.3</b>	<b>15.3</b>
<i>NPI</i>	2.9	13.3	12.0	12.2	7.8	13.3	11.8	11.0	10.5	14.3
<b>Open-End Real Estate Comp</b>	<b>3.2</b>	<b>14.6</b>	<b>12.9</b>	<b>12.9</b>	<b>5.5</b>	<b>14.6</b>	<b>11.5</b>	<b>12.7</b>	<b>10.7</b>	<b>15.0</b>
<i>NFI</i>	3.3	14.5	12.9	12.7	5.6	14.5	11.5	12.9	9.8	15.0

Green denotes outperformance of the respective benchmark; Red denotes underperformance of the respective benchmark.

Asset Allocation vs. Target

	Current	Current	Policy
Fixed Income	\$1,187,183,400	25.9%	27.0%
U.S. Equity	\$1,100,643,627	24.0%	26.0%
Non-U.S. Equity	\$972,752,448	21.2%	22.0%
Hedge Funds	\$469,026,045	10.2%	10.0%
Real Assets	\$522,093,610	11.4%	10.0%
Private Equity	\$244,837,163	5.3%	5.0%
Other	\$90,417,392	2.0%	0.0%
<b>Total</b>	<b>\$4,586,953,686</b>	<b>100.0%</b>	<b>100.0%</b>

MEABF Policy Benchmark: A weighted average of the target allocations of the broad asset classes.