

Preliminary, subject to revision



City of Baltimore OPEB Trust

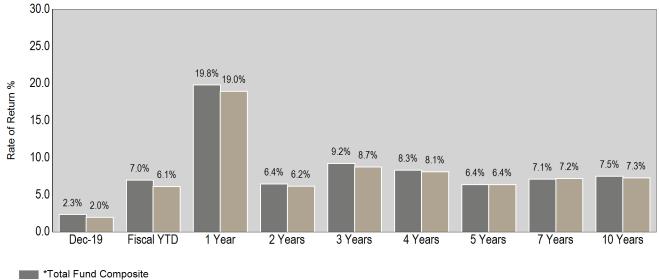
City of Baltimore Retiree Benefits Trust Flash Report

December 31, 2019

Investment Portfolio Analysis

December 31, 2019

Market Value: \$688.6 Million and 100.0% of Fund



Return Summary Ending December 31, 2019

*Total Fund Composite
Policy Benchmark

| Gross Return Summary 1 | 0 Years | | Asset Alloc | ation vs. T | arget | | |
|--------------------------------|---------|-----------------|---------------|-------------|--------|---------------|-------|
| | Anlzd | | Current | Current | Policy | Difference | % |
| | Return | Fixed Income | \$119,512,174 | 17.4% | 15.0% | \$16,226,812 | 2.4% |
| *Total Fund Composite | 7.5% | U.S. Equity | \$248,029,589 | 36.0% | 31.0% | \$34,573,174 | 5.0% |
| Fixed Income Composite | 4.0% | Non-U.S. Equity | \$161,825,599 | 23.5% | 22.0% | \$10,340,401 | 1.5% |
| U.S. Equity Composite | 11.5% | Hedge Funds | \$43,152,767 | 6.3% | 8.0% | -\$11,932,760 | -1.7% |
| International Equity Composite | 6.2% | Real Assets | \$75,524,795 | 11.0% | 12.0% | -\$7,103,495 | -1.0% |
| Defensive Equity Composite | | Private Equity | \$10,745,015 | 1.6% | 7.0% | -\$37,454,821 | -5.4% |
| Hedge Fund of Funds Composite | | Other | \$29,779,142 | 4.3% | 5.0% | -\$4,649,312 | -0.7% |
| Real Estate Composite | | Total | \$688,569,082 | 100.0% | 100.0% | | |

Summary of Cash Flows

| | Last Month | One Year | Three Years | Five Years |
|------------------------|---------------|---------------|---------------|---------------|
| Beginning Market Value | \$674,308,336 | \$557,477,894 | \$458,153,260 | \$396,052,474 |
| Net Cash Flow | -\$1,522,364 | \$18,217,681 | \$79,099,780 | \$121,045,010 |
| Net Investment Change | \$15,783,110 | \$112,873,506 | \$151,316,042 | \$171,471,598 |
| Ending Market Value | \$688,569,082 | \$688,569,082 | \$688,569,082 | \$688,569,082 |



Manager Status

Market Value: \$688.6 Million and 100.0% of Fund

| | | | | Most Recent |
|--|--------------------------|-------------|----------------|--------------|
| Investment Manager | Asset Class | Status | Reason | Meeting Date |
| CF MCM Aggregate Bond Fund | Core Fixed Income | | | 11/21/2019 |
| Baird Advisors | Core Plus Fixed Income | | | 10/21/2019 |
| Invesco US Senior Loan Fund | Senior Secured Loans | | | 10/31/2019 |
| MCM Large Cap Stock Index Fund | Large-Cap Core | | | 11/21/2019 |
| Edgar Lomax | Large-Cap Value | | | 10/3/2019 |
| Cooke & Bieler | Small-Cap Value | | | 10/18/2019 |
| MCM All Country World Index Ex-US Fund | Non-U.S. Large-Cap Core | | | 11/21/2019 |
| Earnest Capital Partners | Non-U.S. Large-Cap Core | | | 9/23/2019 |
| Mondrian | Non-U.S. Small-Cap Value | | | 8/29/2019 |
| Neuberger Berman | Defensive Equity | | | 9/19/2019 |
| Rock Creek Georgetown Fund | Hedged Equity Hedge FoF | Termination | Fund Structure | 10/21/2019 |
| Barings | Core Real Estate | | | 10/25/2019 |

Total Fund Composite

Market Values

Market Value: \$688.6 Million and 100.0% of Fund

| | | Endin | ig December 3 | 1, 2019 | | |
|--|---------------------------------|---------------|------------------------|-------------------|----------|-------------------|
| | Asset Class | Market Value | 1 Mo Net Cash Flows | % of Portfolio | Policy % | Policy Difference |
| Total Fund Composite | | \$688,569,082 | -\$1,522,364 | 100.0% | 100.0% | \$0 |
| *Total Fund Composite | | \$686,374,089 | -\$731,837 | 99.7% | 100.0% | -\$2,194,993 |
| Fixed Income Composite | | \$119,512,174 | -\$1,724,381 | 17.4% | 15.0% | \$16,226,812 |
| CF MCM Aggregate Bond Fund | Core Fixed Income | \$35,916,672 | -\$599 | 5.2% | 6.3% | -\$7,118,896 |
| Baird Advisors | Core Plus Fixed Income | \$60,538,625 | -\$1,713,215 | 8.8% | 6.3% | \$17,503,058 |
| Invesco US Senior Loan Fund | Senior Secured Loans | \$23,056,877 | -\$10,568 | 3.3% | 2.5% | \$5,842,650 |
| U.S. Equity Composite | | \$248,029,589 | -\$2,033,205 | 36.0% | 31.0% | \$34,573,174 |
| MCM Large Cap Stock Index Fund | Large-Cap Core | \$132,774,500 | -\$2,002,213 | 19.3% | 15.0% | \$29,489,138 |
| Edgar Lomax | Large-Cap Value | \$62,364,894 | -\$4,547 | 9.1% | 8.0% | \$7,279,367 |
| Cooke & Bieler | Small-Cap Value | \$52,890,195 | -\$26,445 | 7.7% | 8.0% | -\$2,195,331 |
| International Equity Composite | | \$161,825,599 | -\$49,636 | 23.5% | 22.0% | \$10,340,401 |
| MCM All Country World Index Ex-US Fund | Non-U.S. Large-Cap Core | \$77,338,356 | -\$1,289 | 11.2% | 10.0% | \$8,481,448 |
| Earnest Capital Partners | Non-U.S. Large-Cap Core | \$23,064,709 | -\$11,148 | 3.3% | 3.0% | \$2,407,637 |
| Mondrian | Non-U.S. Small-Cap Value | \$61,422,535 | -\$37,199 | 8.9% | 9.0% | -\$548,683 |
| Defensive Equity Composite | | \$27,584,149 | -\$6,896 | 4.0% | 5.0% | -\$6,844,305 |
| Neuberger Berman | Defensive Equity | \$27,584,149 | -\$6,896 | 4.0% | 5.0% | -\$6,844,305 |
| Hedge Fund of Funds Composite | | \$43,152,767 | \$0 | 6.3% | 8.0% | -\$11,932,760 |
| Rock Creek Georgetown Fund | Hedged Equity Hedge FoF | \$43,152,767 | \$0 | 6.3% | 8.0% | -\$11,932,760 |
| Real Estate Composite | | \$75,524,795 | -\$120,788 | 11.0% | 12.0% | -\$7,103,495 |
| Barings | Core Real Estate | \$75,524,795 | -\$120,788 | 11.0% | 12.0% | -\$7,103,495 |
| Private Equity Composite | | \$10,745,015 | \$3,203,070 | 1.6% | 7.0% | -\$37,454,821 |
| I Squared Global Infrastructure II | Global Infrastructure | \$2,213,505 | \$360,936 | 0.3% | | |
| Landmark Partners XVI | Secondary Private Equity FoF | \$2,863,408 | \$1,459,755 | 0.4% | | |
| Reverence Capital Partners Opportunities Fund II | LBO Private Equity | \$1,424,764 | \$0 | 0.2% | | |
| RLJ Equity Partners II | LBO Private Equity | \$1,072,203 | \$0 | 0.2% | | |
| Siris Partners IV | LBO Private Equity | \$1,875,248 | \$632,173 | 0.3% | | |
| Chicago Pacific Founders | LBO Private Equity | \$607,989 | \$617,577 | 0.1% | | |
| Vivo Captial Fund IX | LBO Private Equity | \$687,898 | \$132,629 | 0.1% | | |
| Cash Equivalents Composite | | \$2,194,993 | -\$790,527 | 0.3% | 0.0% | \$2,194,993 |
| Money Market Fund | Cash & Equivalents | \$1,257,146 | -\$1,648,393 | 0.2% | | |
| Standish Mellon | Cash & Equivalents | \$937,847 | \$857,866 | 0.1% | | |

Market Values Excluding Cash Composite

| | Market Value | % of Portfolio | Policy % | Policy Difference |
|--------------------------------|---------------|----------------|----------|-------------------|
| *Total Fund Composite | \$686,374,089 | 100.0% | 100.0% | \$0 |
| Fixed Income Composite | \$119,512,174 | 17.4% | 15.0% | \$16,556,061 |
| U.S. Equity Composite | \$248,029,589 | 36.1% | 31.0% | \$35,253,621 |
| International Equity Composite | \$161,825,599 | 23.6% | 22.0% | \$10,823,300 |
| Defensive Equity Composite | \$27,584,149 | 4.0% | 5.0% | -\$6,734,555 |
| Hedge Fund of Funds Composite | \$43,152,767 | 6.3% | 8.0% | -\$11,757,160 |
| Real Estate Composite | \$75,524,795 | 11.0% | 12.0% | -\$6,840,096 |
| Private Equity Composite | \$10,745,015 | 1.6% | 7.0% | -\$37,301,171 |

Total Fund Composite

*Rock Creek Georgetown Fund: market value as of November 30, 2019.

*Neuberger: market value estimated for December.

*Mondrian: market value estimated for December.

*Barings,: market value estimated as of December 31, 2019.

*I Squared: market value as of September 30, 2019; adjusted for capital calls/distributions.

*Landmark : market value as of September 30, 2019; adjusted for capital calls/distributions.

*Reverence Capital Partners: market value as of September 30, 2019; adjusted for capital calls/distributions.

*RLJ: market value as of September 30, 2019; adjusted for capital calls/distributions.

*Siris Partners: market value as of September 30, 2019; adjusted for capital calls/distributions.

*Chicago Pacific Founders: market value as of September 30, 2019; adjusted for capital calls/distributions.

*Vivo Capital: market value as of September 30, 2019; adjusted for capital calls/distributions.

*Edgar Lomax inception date is November 1, 2016.



Annualized Performance (Gross of Fees)

Market Value: \$688.6 Million and 100.0% of Fund

Ending December 31, 2019

| | 1 Mo | Fiscal YTD | 1 Yr | 2 Yrs | 3 Yrs | 4 Yrs | 5 Yrs | 7 Yrs | 10 Yrs |
|--------------------------------|-------|---------------|-------|-------|-------|-------|-------|-------|--------|
| *Total Fund Composite | 2.3% | 7.0% | 19.8% | 6.4% | 9.2% | 8.3% | 6.4% | 7.1% | 7.5% |
| Policy Benchmark | 2.0% | 6.1% | 19.0% | 6.2% | 8.7% | 8.1% | 6.4% | 7.2% | 7.3% |
| Fixed Income Composite | 0.3% | 2.6% | 9.1% | 4.5% | 4.4% | 4.4% | 3.6% | 3.1% | 4.0% |
| BBgBarc US Aggregate TR | -0.1% | 2.5% | 8.7% | 4.3% | 4.0% | 3.7% | 3.0% | 2.7% | 3.7% |
| U.S. Equity Composite | 3.0% | 11.2% | 31.0% | 11.1% | 14.2% | 13.1% | 9.3% | 11.8% | 11.5% |
| Russell 3000 | 2.9% | 10.4% | 31.0% | 11.4% | 14.6% | 14.1% | 11.2% | 14.4% | 13.4% |
| International Equity Composite | 4.3% | 7.7% | 23.1% | 3.0% | 11.2% | 9.1% | 6.7% | 6.4% | 6.2% |
| MSCI ACWI ex USA Gross | 4.4% | 7.1% | 22.1% | 2.6% | 10.4% | 9.0% | 6.0% | 5.9% | 5.4% |

| | | Ending December 31, 2019 | | | | | | | | | | | |
|-------------------------------|------|--------------------------|-------|-------|-------|-------|-------|-------|--------|--|--|--|--|
| | 1 Mo | Fiscal YTD | 1 Yr | 2 Yrs | 3 Yrs | 4 Yrs | 5 Yrs | 7 Yrs | 10 Yrs | | | | |
| Defensive Equity Composite | 1.4% | 6.6% | 16.6% | 5.1% | | | | | | | | | |
| CBOE Put Write Index | 0.9% | 5.6% | 14.1% | 3.6% | 6.0% | 6.4% | 6.4% | 7.2% | 7.4% | | | | |
| 50% S&P 500/50% 91 Day T-Bill | 1.6% | 5.8% | 16.1% | 7.2% | 8.5% | 7.9% | 6.4% | 7.7% | 7.1% | | | | |

| | Ending December 31, 2019 | | | | | | | | | | |
|------------------------------------|--|------|-------|------|------|------|------|------|------|--|--|
| | 1 Mo Fiscal 1 Yr 2 Yrs 3 Yrs 4 Yrs 5 Yrs 7 Yrs 10 Yr | | | | | | | | | | |
| Hedge Fund of Funds Composite | 0.0% | 2.5% | 13.6% | 3.5% | 6.2% | 4.5% | 4.7% | 6.2% | | | |
| HFRI Fund of Funds Composite Index | 0.0% | 0.2% | 6.4% | 1.1% | 3.3% | 2.6% | 2.0% | 3.2% | 2.6% | | |

| | Ending December 31, 2019 | | | | | | | | | | | |
|-----------------------|--------------------------|---------------|------|-------|-------|-------|-------|-------|--------|--|--|--|
| | 3 Mo | Fiscal YTD | 1 Yr | 2 Yrs | 3 Yrs | 4 Yrs | 5 Yrs | 7 Yrs | 10 Yrs | | | |
| Real Estate Composite | 1.6% | 3.0% | 7.0% | 7.2% | 7.4% | 8.0% | | | | | | |
| NPI | 0.0% | 1.4% | 4.8% | 5.7% | 6.2% | 6.6% | 7.9% | 8.9% | 10.0% | | | |

*Total Fund Composite: does not include cash.

Investment Manager

Annualized Performance (Gross of Fees)

Market Value: \$688.6 Million and 100.0% of Fund

Ending December 31, 2019

| | 1 Mo | Fiscal YTD | 1 Yr | 2 Yrs | 3 Yrs | 4 Yrs | 5 Yrs | 7 Yrs | 10 Yrs | Inception | Inception Date |
|--|-------|---------------|-------|-------|-------|-------|-------|-------|--------|-----------|-------------------|
| Total Fund Composite | 2.3% | 7.0% | 19.8% | 6.4% | 9.2% | 8.3% | 6.4% | 7.1% | 7.5% | | |
| Policy Benchmark | 2.0% | 6.1% | 19.0% | 6.2% | 8.7% | 8.1% | 6.4% | 7.2% | 7.3% | | |
| Fixed Income Composite | 0.3% | 2.6% | 9.1% | 4.5% | 4.4% | 4.4% | 3.6% | 3.1% | 4.0% | | |
| BBgBarc US Aggregate TR | -0.1% | 2.5% | 8.7% | 4.3% | 4.0% | 3.7% | 3.0% | 2.7% | 3.7% | | |
| CF MCM Aggregate Bond Fund | -0.1% | 2.4% | 8.7% | 4.3% | 4.0% | 3.7% | 3.0% | 2.7% | 3.7% | 4.2% | Jul-08 |
| BBgBarc US Aggregate TR | -0.1% | 2.5% | 8.7% | 4.3% | 4.0% | 3.7% | 3.0% | 2.7% | 3.7% | 4.2% | Jul-08 |
| Baird Advisors | 0.0% | 2.8% | 9.6% | 4.8% | 4.6% | 4.5% | 3.7% | | | 3.5% | Feb-13 |
| BBgBarc US Aggregate TR | -0.1% | 2.5% | 8.7% | 4.3% | 4.0% | 3.7% | 3.0% | 2.7% | 3.7% | 2.8% | Feb-13 |
| Invesco US Senior Loan Fund | 1.8% | 2.5% | 8.5% | 4.5% | 4.4% | 6.0% | 4.7% | | | 4.4% | Oct-14 |
| Credit Suisse Leveraged Loans | 1.6% | 2.6% | 8.2% | 4.6% | 4.5% | 5.8% | 4.5% | 4.4% | 5.2% | 4.3% | Oct-14 |
| U.S. Equity Composite | 3.0% | 11.2% | 31.0% | 11.1% | 14.2% | 13.1% | 9.3% | 11.8% | 11.5% | | |
| Russell 3000 | 2.9% | 10.4% | 31.0% | 11.4% | 14.6% | 14.1% | 11.2% | 14.4% | 13.4% | | |
| MCM Large Cap Stock Index Fund | 2.9% | 10.6% | 31.4% | 11.9% | 15.1% | 14.3% | 11.5% | 14.7% | | 14.5% | Jul-1 |
| Russell 1000 | 2.9% | 10.6% | 31.4% | 11.9% | 15.0% | 14.3% | 11.5% | 14.6% | 13.5% | 14.4% | Jul-10 |
| Edgar Lomax | 2.0% | 10.6% | 25.3% | 10.3% | 13.3% | | | | | 15.1% | Oct-16 |
| S&P 500 Value | 3.1% | 13.0% | 31.9% | 9.6% | 11.5% | 12.9% | 9.5% | 12.9% | 12.2% | 13.9% | Oct-1 |
| S&P 500 | 3.0% | 10.9% | 31.5% | 12.1% | 15.3% | 14.4% | 11.7% | 14.7% | 13.6% | 16.5% | Oct-16 |
| Cooke & Bieler | 4.4% | 13.6% | 37.2% | 10.7% | | | | | | 13.1% | Feb-17 |
| Russell 2000 Value | 3.5% | 7.9% | 22.4% | 3.3% | 4.8% | 10.9% | 7.0% | 10.1% | 10.6% | 4.8% | Feb-1 |
| Russell 2000 | 2.9% | 7.3% | 25.5% | 5.7% | 8.6% | 11.6% | 8.2% | 11.6% | 11.8% | 8.2% | Feb-17 |
| International Equity Composite | 4.3% | 7.7% | 23.1% | 3.0% | 11.2% | 9.1% | 6.7% | 6.4% | 6.2% | | |
| MSCI ACWI ex USA Gross | 4.4% | 7.1% | 22.1% | 2.6% | 10.4% | 9.0% | 6.0% | 5.9% | 5.4% | | |
| MCM All Country World Index Ex-US Fund | 4.3% | 7.0% | 21.6% | 2.1% | 9.9% | 8.5% | 5.5% | 5.5% | | 5.5% | Aug-1 |
| MSCI ACWI ex USA Gross | 4.4% | 7.1% | 22.1% | 2.6% | 10.4% | 9.0% | 6.0% | 5.9% | 5.4% | 6.0% | Aug-1 |
| Earnest Capital Partners | 3.4% | 5.7% | 20.8% | | | | | | | 1.4% | Feb-18 |
| MSCI ACWI ex USA Gross | 4.4% | 7.1% | 22.1% | 2.6% | 10.4% | 9.0% | 6.0% | 5.9% | 5.4% | 2.5% | Feb-18 |
| Mondrian | 4.5% | 9.4% | 25.9% | 4.1% | 13.0% | 9.8% | 8.5% | 7.9% | | 10.3% | Jul-1 |
| MSCI World ex USA Small Cap | 4.6% | 11.1% | 25.4% | 1.4% | 10.4% | 8.9% | 8.2% | 8.4% | 8.0% | 9.2% | Jul-10 |
| Defensive Equity Composite | 1.4% | 6.6% | 16.6% | 5.1% | | | | | | | |
| CBOE Put Write Index | 0.9% | 5.6% | 14.1% | 3.6% | 6.0% | 6.4% | 6.4% | 7.2% | 7.4% | | |
| 50% S&P 500/50% 91 Day T-Bill | 1.6% | 5.8% | 16.1% | 7.2% | 8.5% | 7.9% | 6.4% | 7.7% | 7.1% | | |
| Neuberger Berman | 1.4% | 6.6% | 16.6% | 5.1% | | | | | | 6.5% | Feb-1 |
| CBOE Put Write Index | 0.9% | 5.6% | 14.1% | 3.6% | 6.0% | 6.4% | 6.4% | 7.2% | 7.4% | 5.1% | Feb-1 |
| 50% S&P 500/50% 91 Day T-Bill | 1.6% | 5.8% | 16.1% | 7.2% | 8.5% | 7.9% | 6.4% | 7.7% | 7.1% | 7.8% | Feb-17 |

| | Ending December 31, 2019 | | | | | | | | | | | |
|------------------------------------|--------------------------|---------------|-------|-------|-------|-------|-------|-------|--------|-----------|-------------------|--|
| | 1 Mo | Fiscal YTD | 1 Yr | 2 Yrs | 3 Yrs | 4 Yrs | 5 Yrs | 7 Yrs | 10 Yrs | Inception | Inception Date | |
| Hedge Fund of Funds Composite | 0.0% | 2.5% | 13.6% | 3.5% | 6.2% | 4.5% | 4.7% | 6.2% | | | | |
| HFRI Fund of Funds Composite Index | 0.0% | 0.2% | 6.4% | 1.1% | 3.3% | 2.6% | 2.0% | 3.2% | 2.6% | | | |
| Rock Creek Georgetown Fund | 0.0% | 2.5% | 13.6% | 3.5% | 6.2% | 4.5% | 4.7% | 6.5% | | 6.8% | Sep-11 | |
| HFRI Fund of Funds Composite Index | 0.0% | 0.2% | 6.4% | 1.1% | 3.3% | 2.6% | 2.0% | 3.2% | 2.6% | 2.8% | Sep-11 | |

*Total Fund Composite: does not include cash.

Annualized Performance (Gross of Fees)

Market Value: \$688.6 Million and 100.0% of Fund

Ending December 31, 2019

| | 1 Mo | Fiscal YTD | 1 Yr | 2 Yrs | 3 Yrs | 4 Yrs | 5 Yrs | 7 Yrs | 10 Yrs | Inception | Inception Date |
|-----------------------|------|---------------|------|-------|-------|-------|-------|-------|--------|-----------|-------------------|
| Real Estate Composite | 1.6% | 3.0% | 7.0% | 7.2% | 7.4% | 8.0% | | | | | |
| NPI | 0.0% | 1.4% | 4.8% | 5.7% | 6.2% | 6.6% | 7.9% | 8.9% | 10.0% | | |
| Barings | 1.6% | 3.0% | 7.0% | 7.2% | 7.4% | 8.0% | | | | 8.8% | Jul-15 |
| NPI | 0.0% | 1.4% | 4.8% | 5.7% | 6.2% | 6.6% | 7.9% | 8.9% | 10.0% | 7.3% | Jul-15 |

Investment Manager

DISCLOSURE

Marquette Associates, Inc. ("Marquette") has prepared this report for the exclusive use by the client for which it was prepared. The information herein was obtained from various sources, such as the client's custodian(s) accounting statements, commercially available databases, and other economic and financial market data sources.

The sources of information used in this report are believed to be reliable. Marquette has not independently verified all of the information in this report and its accuracy cannot be guaranteed. The market commentary, portfolio holdings, and characteristics are as of the date appearing in this material only and are subject to change without prior notice. Past performance does not guarantee future results. No graph, chart, or formula can, in and of itself, be used to determine which securities or investments to buy or sell.

Your custodian does not review whether the management fee is properly calculated. This report may contain data and content provided by third parties. The information contained in this material has been compiled or arrived at from sources believed to be reliable. We urge clients to compare the information set forth in this statement with the statements you receive directly from the custodian in order to ensure accuracy of all account information.

Forward-looking statements, including without limitation any statement or prediction about a future event contained in this presentation, are based on a variety of estimates and assumptions by Marquette, including, but not limited to, estimates of future operating results, the value of assets and market conditions. These estimates and assumptions, including the risk assessments and projections referenced, are inherently uncertain and are subject to numerous business, industry, market, regulatory, geo-political, competitive and financial risks that are outside of Marquette's control. There can be no assurance that the assumptions made in connection with any forward-looking statement will prove accurate, and actual results may differ materially. The inclusion of any forward-looking statement herein should not be regarded as an indication that Marquette considers forward-looking statements to be a reliable prediction of future events.

The views contained herein are those of Marquette and should not be taken as financial advice or a recommendation to buy or sell any security. Any forecasts, figures, opinions or investment techniques and strategies described are intended for informational purposes only. They are based on certain assumptions and current market conditions, and although accurate at the time of writing, are subject to change without prior notice. Opinions, estimates, projections and comments on financial market trends constitute our judgment and are subject to change without notice.