

NORTHERN FUNDS

BOND INDEX FUND

FIXED INCOME

MUTUAL FUND

AS OF 4Q18

Investment Objective

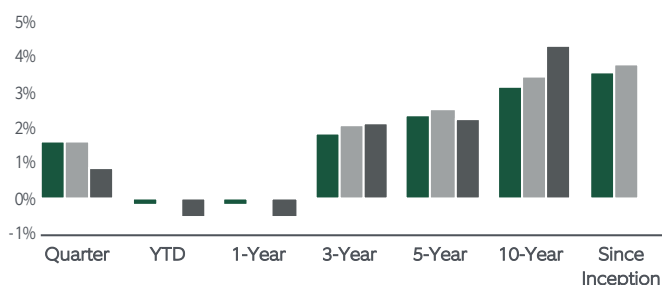
The Fund seeks to provide investment results approximating the overall performance of the securities included in the Barclays U.S. Aggregate Bond Index.

Investment Approach

The Fund will invest substantially all (and at least 80%) of its net assets in the U.S. investment-grade bond market, in weightings that approximate the relative composition of securities included in the Barclays U.S. Aggregate Bond Index.

INVESTMENT PERFORMANCE % — AS OF 12/31/18

- Northern Funds Bond Index Fund
- Bloomberg Barclays U.S. Aggregate Bond Index¹
- Morningstar Category Avg Intermediate-Term Bond



Average Annualized Returns

| | Quarter | YTD | 1-Year | 3-Year | 5-Year | 10-Year | Since Inception |
|--------------------------|---------|-------|--------|--------|--------|---------|-----------------|
| ■ Fund | 1.63 | -0.16 | -0.16 | 1.87 | 2.39 | 3.18 | 3.61 |
| ■ Benchmark ¹ | 1.64 | 0.01 | 0.01 | 2.06 | 2.52 | 3.48 | 3.82 |
| ■ Morningstar | 0.87 | -0.50 | -0.50 | 2.15 | 2.27 | 4.31 | — |

Performance quoted represents past performance and does not guarantee future results. Investment return and principal value will fluctuate so that shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than that shown here. Performance data current to the most recent month end is available by calling 800-595-9111.

Northern Trust Investments, Inc. has contractually agreed to reimburse a portion of the operating expenses of the Fund (other than certain excepted expenses, i.e., acquired fund fees and expenses; the compensation paid to each Independent Trustee of the Trust; expenses of third party consultants engaged by the Board of Trustees; membership dues paid to the Investment Company Institute and Mutual Fund Directors Forum; expenses in connection with the negotiation and renewal of the revolving credit facility; and extraordinary expense and interest) to the extent the "Total Annual Fund Operating Expenses" exceed 0.15%. The "Total Annual Fund Operating Expenses After Expense Reimbursement" may be higher than the contractual limitation as a result of the excepted expenses that are not reimbursed. This contractual limitation may not be terminated before July 31, 2019 without the approval of the Board of Trustees. In the absence of contractual expense reimbursements, yield, total return, growth since inception and dividends would have been reduced. Total return is based on net change in NAV assuming reinvestment of distributions.

Please see back page for calendar year returns, index definitions and investment terms.

Please carefully read the prospectus and summary prospectus and consider the investment objectives, risks, charges and expenses of Northern Funds before investing. Call 800-595-9111 to obtain a prospectus and summary prospectus, which contain this and other information about the funds.

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FUND OVERVIEW

| | Fund |
|---------------------------|---|
| Benchmark/Index | Bloomberg Barclays U.S. Aggregate Bond Index ¹ |
| Morningstar Category | Intermediate-Term Bond |
| Inception Date | 2/27/07 |
| Total Net Assets | \$3.1 Billion |
| Symbol/CUSIP | NOBOX |
| Dividend Schedule | Monthly |
| Expense Ratio - Gross (%) | 0.17 |
| Expense Ratio - Net (%) | 0.15 |

The Gross and Net Expense Ratios are as of the most recent prospectus. The Net Expense Ratio includes contractual expense reimbursements that, if not extended, will end on July 31, 2019.

FUND CHARACTERISTICS

| | Fund |
|----------------------------------|------------|
| Number of Holdings | 2,949 |
| 30-Day SEC Yield w/ Waivers (%) | 3.11 |
| 30-Day SEC Yield w/o Waivers (%) | 3.09 |
| Effective Duration | 5.76 years |
| Average Maturity | 8.29 years |

NOT FDIC INSURED

MAY LOSE VALUE

NO BANK GUARANTEE

NORTHERN FUNDS
BOND INDEX FUND

CALENDAR YEAR RETURNS %

| | 2018 | 2017 | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 | 2010 | 2009 |
|------------------------------------|-------|------|------|-------|------|-------|------|------|------|-------|
| Bond Index Fund | -0.16 | 3.47 | 2.33 | 0.50 | 5.93 | -2.29 | 4.06 | 7.63 | 6.21 | 4.60 |
| Benchmark ¹ | 0.01 | 3.54 | 2.65 | 0.55 | 5.97 | -2.02 | 4.21 | 7.84 | 6.54 | 5.93 |
| Morningstar Intermediate-Term Bond | -0.50 | 3.71 | 3.23 | -0.26 | 5.18 | -1.42 | 7.01 | 5.86 | 7.72 | 13.97 |

Performance quoted represents past performance and does not guarantee future results.

MATURITY DISTRIBUTION %

| Maturity Range | Fund | Fund |
|----------------|------|------|
| 0 — 1yr | 0.5 | 2.0 |
| 1yr — 2yrs | 12.1 | 2.5 |
| 2yrs — 3yrs | 10.4 | 4.4 |
| 3yrs — 5yrs | 16.7 | 7.1 |
| 5yrs — 7yrs | 13.7 | 0.3 |
| 7yrs — 10yrs | 30.1 | 0.2 |
| 10yrs — 15yrs | | |
| 15yrs — 20yrs | | |
| 20yrs — 25yrs | | |
| 25yrs — 30yrs | | |
| 30yrs — 35yrs | | |
| 35yrs+ | | |

QUALITY DISTRIBUTION %

| Quality Rating | Fund | Benchmark ¹ |
|--------------------------|------|------------------------|
| US Tsy (incl GNMA MBS) | 45.3 | 47.2 |
| US Agcy (incl FN/FH MBS) | 22.3 | 22.0 |
| AAA | 4.4 | 4.1 |
| AA | 2.7 | 3.1 |
| A | 11.2 | 10.0 |
| BBB | 13.5 | 13.6 |
| Committed Cash | 0.5 | 0.0 |

SECTOR WEIGHTINGS %

| Economic Sector | Fund | Benchmark ¹ |
|------------------|------|------------------------|
| Treasury | 36.8 | 38.9 |
| Mortgage-Backed | 28.8 | 28.2 |
| Industrial | 15.2 | 14.6 |
| Financial | 8.1 | 7.9 |
| Utilities | 2.0 | 1.8 |
| Commercial MBS | 2.0 | 2.0 |
| Supranational | 1.4 | 1.5 |
| Foreign Agencies | 1.4 | 1.4 |
| Agency | 1.3 | 1.4 |
| Municipals | 0.9 | 0.9 |
| Asset-Backed | 0.6 | 0.5 |
| Committed Cash | 0.5 | 0.0 |
| Sovereigns | 0.9 | 0.9 |

PORTFOLIO MANAGEMENT

LOUIS D'ARIENZO

Began career in 1981 | With Northern Trust since 2003

Mr. D'Arienzo received a B.S. in finance from the Stern School of Business at New York University.

BRANDON P. FERGUSON, CFA[®]

Began career in 2005 | With Northern Trust since 2007

Mr. Ferguson received a B.A. in business administration and psychology from Illinois Wesleyan University. He is an active CFA[®] charterholder and a member of the CFA Institute and the CFA Society Chicago.

DISCLOSURE AND RISKS

All data is as of date indicated and subject to change.

Bond Risk: Bond funds will tend to experience smaller fluctuations in value than stock funds. However, investors in any bond fund should anticipate fluctuations in price, especially for longer-term issues and in environments of rising interest rates.

Index Fund Risk: The performance of the Fund is expected to be lower than that of the Index because of Fund fees and expenses. It is important to remember that there are risks associated with index investing, including the potential risk of market decline, as well as the risks associated with investing in specific companies.

Mortgage-Backed Securities Risk: Mortgage-backed investments involve risk of loss due to prepayments and, like any bond, due to default. Because of the sensitivity of mortgage-related securities to changes in interest rates, the Fund's performance may be more volatile than if it did not hold these securities.

DEFINITIONS

¹ Bloomberg Barclays U.S. Aggregate Bond Index is an unmanaged index of prices of U.S. dollar denominated, fixed-rate, taxable, investment-grade fixed-income securities with remaining maturities of one year and longer. The Index includes Treasury, government, corporate, mortgage-backed, commercial mortgage-backed and asset-backed securities. It is not possible to invest directly in an index.

Effective Duration: Effective Duration measures percent change in price for 100 basis point parallel shift.

Characteristics: Benchmark and Fund analytics have been calculated using a third party vended model. All material has been obtained from sources believed to be reliable, but the accuracy, completeness and interpretation cannot be guaranteed. Information contained herein is current as of the date appearing in this material only and is subject to change without notice. Certain benchmark calculations may not match the published benchmark characteristics.

Distribution Calculations: All distribution calculations (Maturity Distribution, Sector Weightings and Quality Distribution) are measured on a trade date basis and are adjusted for uninvested cash from the market value used to compute the percentage calculations.

Quality Distribution: Credit quality ratings are based on the conservative average of Moodys, Standard & Poors and Fitch ratings. If ratings from all three rating agencies disagree, the model assigns the middle rating to the security. If two of the three agree, the model assigns the rating from those two to the security. If none of these three rating agencies has assigned a rating, the Fund will assign a rating of not rated. The ratings, expressed in Standard & Poors nomenclature, range from AAA (extremely strong capacity to meet its financial commitment) to D (in default). Short-term ratings, expressed in Standard & Poors nomenclature, range from A-1 (obligors capacity to meet its financial commitment on the obligation is strong) to A-3 (exhibits adequate protection parameters). Committed Cash includes any traded cash (forward settling trades), the sweep vehicle and commercial paper. The ratings represent the rating agencies opinions of the quality of the securities they rate. Ratings are relative and subjective and are not absolute standards of quality.

