

NORTHERN INSTITUTIONAL FUNDS

Municipal Portfolio



Summary Prospectus | April 1, 2017

Ticker: Shares—NMUXX

Before you invest, you may want to review the Portfolio's complete Prospectus, which contains more information about the Portfolio and its risks. You can find the Portfolio's complete Prospectus and other information about the Portfolio online at northerntrust.com/nif-prospectus. You can also get this information at no cost by calling 800-637-1380 or by sending an e-mail request to northern-funds@ntrs.com. If you purchase shares of the Portfolio through a financial intermediary (such as a bank or a broker-dealer), the complete Prospectus and other information are also available from your financial intermediary. The Portfolio's complete Prospectus and Statement of Additional Information, both dated April 1, 2017, as supplemented, are incorporated by reference into this summary prospectus and may be obtained, free of charge, at the website, phone number or e-mail address noted above.

INVESTMENT OBJECTIVE

The Portfolio seeks to provide, to the extent consistent with the preservation of capital, a high level of income exempt from regular federal income tax by investing primarily in municipal instruments. This objective may be changed without shareholder approval.

FEES AND EXPENSES OF THE PORTFOLIO

This table describes the fees and expenses that you may pay if you buy and hold Shares of the Portfolio.

Shareholder Fees (fees paid directly from your investment)

None

Annual Portfolio Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)

	Shares
Management Fees	0.18%
Other Expenses	0.04%
Transfer Agent Fees	0.02%
Service Fees	None
Other Operating Expenses	0.02%
Total Annual Portfolio Operating Expenses	0.22%
Expense Reimbursement ⁽¹⁾	(0.02)%
Total Annual Portfolio Operating Expenses After Expense Reimbursement	0.20%

⁽¹⁾ Northern Trust Investments, Inc. has contractually agreed to reimburse a portion of the operating expenses of the Portfolio (other than certain excepted expenses, i.e., acquired fund fees and expenses, service fees, 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, extraordinary expenses and interest) to the extent the "Total Annual Portfolio Operating Expenses" exceed 0.20%. This contractual limitation may not be terminated before April 1, 2018 without the approval of the Board of Trustees.

EXAMPLE

The following Example is intended to help you compare the cost of investing in Shares of the Portfolio with the cost of investing in other mutual funds. The Example assumes that you

invest \$10,000 in the Portfolio for the time periods indicated and then redeem all of your shares at the end of those periods. The Example also assumes that your investment has a 5% return each year and that the Portfolio's operating expenses remain the same. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

	1 Year	3 Years	5 Years	10 Years
Shares	\$20	\$69	\$122	\$278

PRINCIPAL INVESTMENT STRATEGIES

The Portfolio seeks to achieve its objective by investing primarily in high-quality short-term municipal instruments, the interest on which is exempt from regular federal income tax. The high level of income sought by the Portfolio is relative to yields currently available in the tax-exempt marketplace. Municipal instruments may include:

- Fixed, variable and floating rate notes and similar debt instruments;
- Asset-backed securities that are considered municipal instruments (such as trust certificates backed by municipal bonds);
- Tax-exempt commercial paper;
- Municipal bonds, notes, paper or other instruments; and
- Municipal bonds and notes that are guaranteed as to principal and interest or backed by the U.S. government or by its agencies, instrumentalities or sponsored enterprises.

Except in extraordinary circumstances, at least 80% of the Portfolio's net assets will be invested in debt instruments that pay interest that is exempt from regular federal income tax. Alternative minimum tax ("AMT") obligations, which pay interest that may be treated as an item of tax preference to shareholders under the federal AMT, will be deemed eligible investments for the purposes of determining whether the portfolio meets this policy. To the extent that the Portfolio invests in AMT obligations, a significant portion of the Portfolio's dividends may be subject to federal income tax for shareholders subject to AMT. The Portfolio is not limited in the amount of its assets that may be invested in AMT obligations.

The Portfolio operates as an “institutional money market fund” under Rule 2a-7 of the Investment Company Act of 1940, as amended. As an “institutional money market fund” under Rule 2a-7, the Portfolio is (1) required to sell and redeem its shares at its net asset value (“NAV”) rounded to the fourth decimal place (e.g., \$1.0000) reflecting market-based values of the Portfolio’s holdings, and (2) the Board of Trustees (the “Board”) will be permitted to impose a “liquidity fee” on redemptions from the Portfolio (up to 2%) or temporarily restrict redemptions from the Portfolio for up to 10 business days during a 90-day period, as described in more detail under “Purchase and Sales of Portfolio Shares.”

The Securities and Exchange Commission (“SEC”) imposes strict requirements on the investment quality, maturity, diversification and liquidity of the Portfolio’s investments. Accordingly, the Portfolio’s investments must have a remaining maturity of no more than 397 days and must be high quality. The Portfolio’s investment adviser may consider, among other things, credit, interest rate and prepayment risks as well as general market conditions when deciding whether to buy or sell investments for the Portfolio.

PRINCIPAL RISKS

FLOATING NAV RISK is the risk that because the share price of the Portfolio will fluctuate, when you sell your shares they may be worth more or less than what you originally paid for them.

LIQUIDITY FEE AND REDEMPTION GATE RISK is the risk that the Portfolio may impose a “liquidity fee” (up to 2%) or “redemption gate” that temporarily restricts your ability to sell shares for up to 10 business days if the Portfolio’s liquidity falls below required minimums because of market conditions or other factors.

INTEREST RATE RISK is the risk that during periods of rising interest rates, the Portfolio’s yield (and the market value of its securities) will tend to be lower than prevailing market rates; in periods of falling interest rates, the Portfolio’s yield (and the market value of its securities) will tend to be higher. If interest rates rise, the Portfolio’s yield may not increase proportionately. The risks associated with increasing interest rates are heightened given that interest rates are near historic lows, but are expected to increase in the future with unpredictable effects on the markets and the Portfolio’s investments. A low interest rate environment may prevent the Portfolio from providing a positive yield or paying Portfolio expenses out of Portfolio assets and could lead to a decline in the Portfolio’s share price.

GUARANTOR (OR CREDIT ENHANCEMENT) RISK is the risk that changes in credit quality of a U.S. or foreign bank, insurance company or other financial institution or such entity’s failure to fulfill its obligations could cause the Portfolio’s investments to decline in value. Adverse developments in the banking or bond insurance industries also may negatively affect the Portfolio.

GEOGRAPHIC AND SECTOR RISK is the risk that if the Portfolio invests a significant portion of its total assets in certain issuers

within the same state, geographic region or economic sector, an adverse economic, business or political development affecting that state, region or sector may affect the value of the Portfolio’s investments more than if its investments were not so concentrated in such geographic region or economic sector.

LIQUIDITY RISK is the risk that the Portfolio will not be able to pay redemption proceeds in a timely manner because of unusual market conditions, an unusually high volume of redemption requests, legal restrictions impairing its ability to sell particular securities at an advantageous market price or other reasons. Certain portfolio securities may be less liquid than others, which may make them difficult or impossible to sell at the time and the price that the Portfolio would like and the Portfolio may have to lower the price, sell other securities instead or forgo an investment opportunity. Any of these events could have a negative effect on the Portfolio’s performance.

PREPAYMENT (OR CALL) RISK is the risk that prepayment of the underlying mortgages or other collateral of some fixed-income securities may result in a decreased rate of return and a decline in value of those securities.

DEBT EXTENSION RISK is the risk that an issuer will exercise its right to pay principal on an obligation held by the Portfolio (such as an asset-backed security) later than expected. This may happen during a period of rising interest rates. Under these circumstances, the value of the obligation will decrease and the Portfolio will suffer from the inability to invest in higher yielding securities.

INCOME RISK is the risk that falling interest rates will cause the Portfolio’s income to decline. Income risk is generally higher for short-term debt securities.

MANAGEMENT RISK is the risk that a strategy used by the Portfolio’s investment adviser may fail to produce the intended results or that imperfections, errors or limitations in the tools and data used by the investment adviser may cause unintended results.

CREDIT (OR DEFAULT) RISK is the risk that the inability or unwillingness of an issuer or guarantor of a fixed-income security, or a counterparty to a repurchase or other transaction, to meet its payment or other financial obligations will adversely affect the value of the Portfolio’s investments and its yield. Changes in the credit rating of a debt security held by the Portfolio could have a similar effect.

MUNICIPAL SECURITIES RISK is the risk that municipal securities may be subject to credit/default risk, interest rate risk and certain additional risks. The Portfolio may be more sensitive to adverse economic, business or political developments if it invests more than 25% of its assets in the debt securities of similar projects (such as those relating to education, health care, housing, transportation, and utilities), industrial development bonds, or in particular types of municipal securities (such as general obligation bonds, private activity bonds and moral obligation bonds). Municipal securities may be fully or partially backed or enhanced by the taxing authority of a local government, by the current or

anticipated revenues from a specific project or specific assets, or by the credit of, or liquidity enhancement provided by, a private issuer. Special factors, such as legislative changes, and state and local economic and business developments, may adversely affect the yield and/or value of the Portfolio's investments in municipal securities.

TAX RISK is the risk that future legislative or administrative changes, court decisions or noncompliant conduct by issuers may materially affect the value of municipal instruments or the ability of the Portfolio to pay tax-exempt dividends.

MUNICIPAL MARKET VOLATILITY RISK is the risk that the Portfolio may be adversely affected by the volatile municipal market. The municipal market can be significantly affected by adverse tax, legislative, or political changes and the financial condition of the issuers of municipal securities. In recent periods an increasing number of municipal issuers have defaulted on obligations, been downgraded or commenced insolvency proceedings. Municipalities continue to experience difficulties in the current economic and political environment.

LARGE SHAREHOLDER TRANSACTIONS RISK is the risk that the Portfolio may experience adverse effects when certain large shareholders purchase or redeem large amounts of shares of the Portfolio. Such large shareholder redemptions may cause the Portfolio to sell its securities at times it would not otherwise do so, which may negatively impact its liquidity. In addition, large redemptions could lead to an increase in the Portfolio's expense ratio due to a smaller asset base. Large Portfolio share purchases may adversely affect the Portfolio's performance to the extent that the Portfolio is delayed in investing new cash and is required to maintain a larger cash position than it ordinarily would.

CYBERSECURITY RISK is the risk of an unauthorized breach and access to fund assets, customer data (including private shareholder information), or proprietary information, or the risk of an incident occurring that causes the Portfolio, the investment adviser, custodian, transfer agent, distributor and other service providers and financial intermediaries to suffer data breaches, data corruption or lose operational functionality. Successful cyber-attacks or other cyber-failures or events affecting the Portfolio or its service providers may adversely impact the Portfolio or its shareholders.

MARKET RISK is the risk that general market conditions, such as real or perceived adverse economic or political conditions, inflation, changes in interest rates, lack of liquidity in the bond markets or adverse investor sentiment could cause the value of your investment in the Portfolio, or its yield, to decline.

MARKET EVENTS RISK relates to the increased volatility, depressed valuations, decreased liquidity and heightened uncertainty in the financial markets during the past several years. These conditions may continue, recur, worsen or spread. The U.S. government and the Federal Reserve, as well as certain foreign governments and central banks, have taken steps to support financial markets, including by keeping interest rates at historically low levels. This and other government intervention

may not work as intended, particularly if the efforts are perceived by investors as being unlikely to achieve the desired results. The U.S. government and the Federal Reserve have recently reduced market support activities. Further reduction, including interest rate increases, could negatively affect financial markets generally, increase market volatility and reduce the value and liquidity of securities in which the Portfolio invests. Policy and legislative changes in the United States and in other countries may also continue to contribute to decreased liquidity and increased volatility in the financial markets. The impact of these changes on the markets, and the practical implications for market participants, may not be fully known for some time.

You could lose money by investing in the Portfolio. Because the share price of the Portfolio will fluctuate, when you sell your shares they may be worth more or less than what you originally paid for them. The Portfolio may impose a fee upon sale of your shares or may temporarily suspend your ability to sell shares if the Portfolio's liquidity falls below required minimums because of market conditions or other factors. An investment in the Portfolio is not a deposit of any bank and is not insured or guaranteed by the Federal Deposit Insurance Corporation, any other government agency, or The Northern Trust Company, its affiliates, subsidiaries or any other bank. The Portfolio's sponsor has no legal obligation to provide financial support to the Portfolio, and you should not expect that the sponsor will provide financial support to the Portfolio at any time.

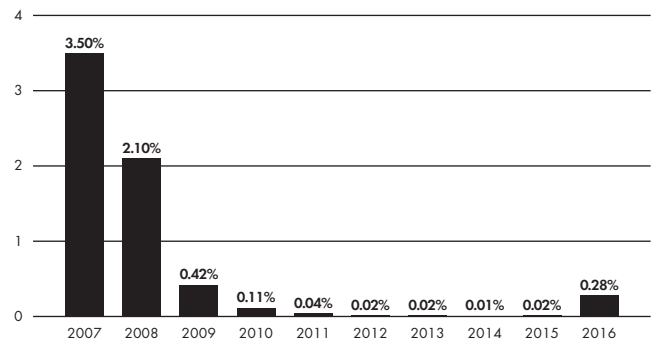
PORTFOLIO PERFORMANCE

The bar chart and table that follow provide an indication of the risks of investing in the Portfolio by showing changes in the performance of the Portfolio's Shares from year to year.

The Portfolio's past performance is not necessarily an indication of how the Portfolio will perform in the future.

Updated performance information for the Portfolio is available and may be obtained on the Portfolio's website at northerntrust.com/institutional or by calling 800-637-1380.

CALENDAR YEAR TOTAL RETURN (SHARES) *



* For the periods shown in the bar chart above, the highest quarterly return was 0.89% in the second quarter of 2007, and the lowest quarterly return was 0.00% in the third quarter of 2015.

AVERAGE ANNUAL TOTAL RETURNS
(For the periods ended December 31, 2016)

	Inception Date	1-Year	5-Year	10-Year	Since Inception
Shares	12/1/99	0.28%	0.07%	0.64%	1.31%

The 7-day yield for Shares of the Portfolio as of December 31, 2016: 0.53%. For the current 7-day yield call 800-637-1380 or visit northerntrust.com/institutional.

MANAGEMENT

INVESTMENT ADVISER. Northern Trust Investments, Inc., a subsidiary of Northern Trust Corporation, serves as the investment adviser of the Portfolio. The Northern Trust Company, an affiliate of Northern Trust Investments, Inc., serves as transfer agent, custodian and sub-administrator to the Portfolio.

PURCHASE AND SALE OF PORTFOLIO SHARES

You may purchase Shares of the Portfolio through an account directly with Northern Institutional Funds (the "Trust") generally with a minimum initial investment of \$5 million in one or more of the Trust's portfolios. There is no minimum for subsequent investments. The Trust reserves the right to waive the minimum investment requirement in connection with the purchase of Portfolio Shares.

You may also purchase Shares of the Portfolio through your institutional account at Northern Trust (or an affiliate) or an authorized intermediary.

On any business day, you may sell (redeem) or exchange Portfolio shares through your institutional account by contacting your Northern Trust account representative or authorized intermediary. If you purchase Portfolio shares directly from the Trust, you may sell (redeem) or exchange your shares in one of the following ways:

- By Mail – Send a written request to: Northern Institutional Funds, P.O. Box 75986, Chicago, Illinois 60675-5986.
- By Telephone – Call the Northern Institutional Funds Center at 800-637-1380 for instructions.
- By Wire – Authorize wire redemptions on your New Account Application and have proceeds sent by federal wire transfer to a previously designated bank account (the minimum redemption amount by this method is \$10,000).

The Portfolio may impose a liquidity fee on redemptions (up to 2%) or temporarily restrict redemptions from the Portfolio for up to 10 business days during a 90-day period (a redemption gate), in the event that the Portfolio's weekly liquid assets fall below the following thresholds:

- *30% weekly liquid assets* – If the Portfolio's weekly liquid assets fall below 30% of the Portfolio's total assets as of the end of a

business day, and the Board of Trustees determines it is in the best interests of the Portfolio, the Board may impose a liquidity fee of no more than 2% of the amount redeemed and/or a redemption gate that temporarily suspends the right of redemption. Liquidity fees and/or redemption gates may be implemented as early as the same business day that weekly liquid assets of the Portfolio fall below 30% of the total assets.

- *10% weekly liquid assets* – If the Portfolio's weekly liquid assets fall below 10% of the Portfolio's total assets as of the end of a business day, the Portfolio will impose, at the beginning of the next business day, a liquidity fee of 1% of the amount redeemed, unless the Board determines that imposing such a fee would not be in the best interests of the Portfolio or determines that a lower or higher fee (not to exceed 2%) would be in the best interests of the Portfolio.

TAX INFORMATION

The Portfolio will not maintain a stable share price and a sale of Portfolio shares may result in a capital gain or loss for you. When you sell your shares, you will generally recognize a capital gain or loss in an amount equal to the difference between your adjusted tax basis in the shares and the amount received, unless you adopt a simplified "NAV method" of accounting with respect to your shares. You are urged to consult your tax professional regarding which method of accounting is appropriate for you. Any liquidity fees you incur on shares redeemed will generally decrease the amount of any capital gain (or increase the amount of any capital loss) you recognize with respect to such redemption. The Portfolio's distributions may be taxable as ordinary income or capital gains. However, the Portfolio anticipates that substantially all of its income dividends will be "exempt-interest dividends" that are generally exempt from regular federal income taxes. In certain instances, dividends paid by the Portfolio, while exempt from regular federal income tax, may be subject to the federal AMT. State and local income taxes may apply to all or a portion of the exempt-interest dividends paid by the Portfolio. Tax-exempt institutions, IRAs and other tax advantaged retirement accounts will not gain an additional benefit through investment in the Portfolio because such investors are already tax-exempt.

PAYMENTS TO BROKERS-DEALERS AND OTHER FINANCIAL INTERMEDIARIES

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as a bank), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio shares and related services. These payments may create a conflict of interest by influencing the broker-dealer or other intermediary and your salesperson to recommend the Portfolio over another investment. Ask your salesperson or visit your financial intermediary's website for more information.