

NORTHERN FUNDS

QUICK REFERENCE GUIDE AS OF 6/30/23

EQUITY FUNDS	Ticker Symbol	Morningstar Category	Benchmarks	Portfolio Managers	Gross Expense Ratio	Inception Date	Fund #	CUSIP ²	AUM in Millions
Active M Emerging Markets Equity	NMMEX	Diversified Emerging Markets	MSCI Emerging Markets	K. Finegan/K. Sikora	1.32%	11/19/08	647	665162483	\$169.7
Active M International Equity	NMIEX	Foreign Large Blend	MSCI World Ex-USA IMI	K. Finegan/K.Sikora	0.94%	6/22/06	637	665162558	\$475.1
Emerging Markets Equity Index	NOEMX	Diversified Emerging Markets	MSCI Emerging Markets	B. Reeder/R. Anstine	0.31%	4/25/06	636	665162582	\$1,422.9
Global Real Estate Index	NGREX	Global Real Estate	MSCI ACWI IMI Core Real Estate	B. Reeder/V. Bagriy	0.49%	7/26/06	640	665162541	\$973.7
Global Sustainability Index Class I	NSRIX	Global Large Stock - Blend	MSCI World ESG Leaders	B. Reeder/S. Santiccioli	0.29%	3/5/08	644	665130308	\$906.9
Global Sustainability Index Class K	NSRKX	Global Large Stock - Blend	MSCI World ESG Leaders	B. Reeder/S. Santiccioli	0.24%	3/5/08	665	665162277	\$792.8
Global Tactical Asset Allocation	BBALX	Global Allocation	Asset Allocation Blend	D. Phillips/C. Shipley/T. Johnson	0.68%	7/1/93	654	665162392	\$105.9
Income Equity	NOIEX	Large Value	S&P 500 [®]	J. Sampson/R. LeMar/S. Kancharla	0.63%	4/1/94	602	665162202	\$144.8
International Equity	NOIGX	Foreign Large Value	MSCI World ex USA	M. Sodergren/M. Hunstad	0.65%	4/1/94	609	665162509	\$127.1
International Equity Index	NOINX	Foreign Large Blend	MSCI EAFE [®]	B. Reeder/B. Sullivan	0.16%	3/22/05	630	665130209	\$4,405.7
Large Cap Core	NOLCX	Large Blend	S&P 500 [®]	M. Sodergren/M. Hunstad	0.56%	12/16/05	635	665162590	\$254.7
Large Cap Value	NOLVX	Large Value	Russell 1000 [®] Value	S. Kancharla/M. Sodergren	0.75%	8/3/00	632	665162632	\$59.6
Mid Cap Index	NOMIX	Mid-Cap Blend	S&P MidCap [®] 400	B. Reeder/L. Johnson	0.16%	3/22/05	629	665130100	\$1,968.8
Multi-Manager Global Listed Infrastructure	NMFIK	Infrastructure	S&P Global Infrastructure Net	K. Finegan/J. Hardman	1.00%	9/18/12	655	665162384	\$1,036.2
Multi-Manager Global Real Estate	NMMGX	Global Real Estate	FTSE [®] EPRA [®] /NAREIT [®] Developed	K. Finegan/J. Hardman	1.07%	11/19/08	646	665162475	\$116.9
Northern Engage360 [™]	NENGX	World Large Stock - Blend	MSCI ACWI Index	K. Finegan /L. Diez	0.79%	11/20/17	662	665162319	\$178.6
Small Cap Core Class I	NSGRX	Small Blend	Russell 2000 [®]	R. Bergson/M. Hunstad	0.68%	9/30/99	628	665162665	\$200.1
Small Cap Core Class K	NSCKX	Small Blend	Russell 2000 [®]	R. Bergson/M. Hunstad	0.58%	9/30/99	663	665162293	\$243.1
Small Cap Index	NSIDX	Small Blend	Russell 2000 [®]	B. Reeder/S. Shah	0.17%	9/3/99	624	665162723	\$1,182.0
Small Cap Value	NOSGX	Small Value	Russell 2000 [®] Value	R. Bergson/M. Hunstad	1.14%	4/1/94	603	665162400	\$1,619.1
Stock Index	NOSIX	Large Blend	S&P 500 [®]	B. Reeder/C. Jaeger	0.10%	10/7/96	618	665162772	\$11,211.6
U.S. Quality ESG Class I	NUEIX	Large Blend	Russell 1000 [®]	J Sampson/P. Zymali	0.55%	10/2/17	664	665162285	\$22.7
U.S. Quality ESG Class K	NUESX	Large Blend	Russell 1000 [®]	J Sampson/P. Zymali	0.44%	10/2/17	661	665162327	\$370.0

FIXED INCOME FUNDS	Ticker Symbol	Morningstar Category	Benchmarks	Portfolio Managers	Gross Expense Ratio	Inception Date	Fund #	CUSIP ²	AUM in Millions
Arizona Tax-Exempt	NOAZX	Muni Single State Intermediate	Bloomberg Arizona Municipal Bond	A. Shane	0.63%	10/1/99	622	665162764	\$75.4
Bond Index	NOBOX	Intermediate Core Bond	Bloomberg U.S. Aggregate Bond	K. O'Shaughnessy/C. Mandavakuriti	0.12%	2/27/07	641	665162533	\$2,259.3
CA Intermediate Tax-Exempt	NCITX	Muni CA Intermediate	Bloomberg CA Intermediate Municipal Bond	A. Shane	0.52%	10/1/99	621	665162749	\$266.9
CA Tax-Exempt	NCATX	Muni CA Long	Bloomberg CA Municipal Bond	A. Shane	0.56%	4/8/97	623	665162731	\$159.0
Core Bond	NOCBX	Intermediate Core Bond	Bloomberg U.S. Aggregate Bond	M. Olsen	0.50%	3/29/01	657	665162376	\$108.1
Fixed Income	NOFIX	Intermediate Core Plus Bond	Bloomberg U.S. Aggregate Bond	M. Olsen	0.51%	4/1/94	605	665162806	\$444.0
High Yield Fixed Income	NHFIX	High Yield Bond	Bloomberg U.S. Corp High Yield 2% Issuer Capped	D. Williams/B. McCubbin	0.65%	12/31/98	627	665162699	\$2,715.3
High Yield Municipal	NHYMX	High Yield Muni	Bloomberg Muni Bond 60-40 High Yield/Inv. Grade	A. Shane	0.64%	12/31/98	626	665162681	\$359.9
Intermediate Tax-Exempt	NOITX	Muni National Intermediate	Bloomberg 1-15 Year Municipal	A. Shane	0.49%	4/1/94	608	665162871	\$1,478.3
Limited Term Tax-Exempt ³	NSITX	Muni National Short	Bloomberg 1-5 Year Blend Municipal Bond	A. Shane	0.51%	8/22/07	643	665162525	\$521.2
Limited Term U.S. Government ⁴	NSIUX	Short Government	Bloomberg1-5 Year U.S. Government	M. Chico	0.59%	10/1/99	620	665162756	\$46.0
Multi-Manager Emerging Markets Debt Opportunity	NMEDX	Emerging Markets Bond	50% JP Morgan EMBI Global Diversified and 50% JP Morgan GBI-EM Global Diversified	L. Diez/N. Barrett	1.06%	12/3/13	659	665162343	\$86.8
Multi-Manager High Yield Opportunity	NMHYX	High Yield Bond	ICE BofAML US High Yield Constrained Index	L. Diez/N.Barrett	0.78%	9/23/09	650	665162442	\$209.5
Short Bond	BSBAX	Short-Term Bond	Bloomberg1-3 Year U.S. Govt/Credit	B. Memon/M. Chinara	0.45%	1/11/93	658	665162368	\$329.2
Tax-Advantaged Ultra-Short Fixed Income	NTAUX	Ultrashort Bond	75% ICE BofAML 6-12 Month Muni Securities and 25% ICE BofAML 1-3 Year U.S. Muni Securities	A. Shane	0.28%	6/18/09	649	665162459	\$2,181.1
Tax-Exempt	NOTEX	Muni National Long	Bloomberg U.S. Municipal	A. Shane	0.50%	4/1/94	607	665162863	\$763.4
Ultra-Short Fixed Income	NUSFX	Ultrashort Bond	ICE BofAML 1-Year U.S. Treasury Note	M. Olsen/B. Memon	0.29%	6/18/09	648	665162467	\$2,273.3
Ultra-Short Fixed Income SWS Shares	SWSFX	Ultrashort Bond	ICE BofAML 1-Year U.S. Treasury Note	M. Olsen/B. Memon	0.29%	9/13/22	667	665162269	\$31.1
U.S. Government	NOUGX	Intermediate Government	Bloomberg Intermediate U.S. Government Bond	M. Chico	0.62%	4/1/94	606	665162889	\$46.5
U.S. Treasury Index	BTIAX	Intermediate Government	Bloomberg U.S. Treasury	M. Chico	0.27%	1/11/93	656	665162350	\$80.3

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ABOUT NORTHERN TRUST ASSET MANAGEMENT

Northern Trust Asset Management is a global investment manager that helps investors navigate changing market environments, so they can confidently realize their long-term objectives.

Entrusted with \$1.1 trillion of assets,* we understand that investing ultimately serves a greater purpose and believe investors should be compensated for the risks they take — in all market environments and any investment strategy.

* Assets under management were \$1.1 trillion as of June 30, 2023.

Go to northerntrust.com/morningstar to view Morningstar highlights for Northern Funds.

Past performance is no guarantee of future results.

Mutual fund investing involves risk, including loss of principal.

HOW TO INVEST IN NORTHERN FUNDS

Contact your Northern Funds financial advisor or Northern Funds to open a new account or add to an existing account.

By Phone	Call 800-595-9111	Minimum Investments	
By Mail	Send your completed application & check to: Northern Funds P.O. Box 75986 Chicago, IL 60675-5986	<ul style="list-style-type: none"> ■ Minimum initial investment: \$2,500 ■ IRAs: minimum initial investment \$500 ■ Automatic Investment Plan: minimum initial investment \$250 	<ul style="list-style-type: none"> ■ Additional purchases: \$50 minimum, except for reinvestments of distributions, which have no minimum ■ Exchanges: \$2,500 minimum for new accounts, \$1,000 minimum for exchanges between existing accounts
In Person	Visit any Northern Trust location		

If you have any questions, call the Northern Funds Center at 800-595-9111.

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²Effective February 1, 2022, the fund's name changed from the Short-Intermediate Tax-Exempt Fund to the Limited Term Tax-Exempt Fund.

³Effective February 1, 2022, the fund's name changed from the Short-Intermediate U.S. Government Fund to the Limited Term U.S. Government Fund.

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

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FOR MORE INFORMATION ABOUT NORTHERN FUNDS

- Contact your financial advisor
- Call **800-595-9111**
- Visit northerntrust.com/funds

NORTHERN FAMILY OF FUNDS

EQUITY FUNDS

INTERNATIONAL EQUITIES & SECTOR FUNDS

Active M Emerging Markets Equity
Emerging Markets Equity Index
Multi-Manager Global Real Estate
Global Real Estate Index
Multi-Manager Global Listed Infrastructure
International Equity
Active M International Equity
International Equity Index
Northern Engage360™
Global Sustainability Index

SMALL- & MEDIUM-CAP EQUITY FUNDS

Small Cap Value
Small Cap Core
Small Cap Index
Mid Cap Index

INCOME & LARGE-CAP EQUITY FUNDS

U.S. Quality ESG
Large Cap Value
Large Cap Core
Stock Index
Income Equity

ASSET ALLOCATION FUND

Global Tactical Asset Allocation

FIXED INCOME FUNDS

LONGER-TERM & HIGH YIELD BOND FUNDS

Multi-Manager Emerging Markets Debt Opportunity
Multi-Manager High Yield Opportunity
High Yield Fixed Income
High Yield Municipal
California Tax-Exempt
Arizona Tax-Exempt
Tax-Exempt
U.S. Treasury Index

SHORT & INTERMEDIATE-TERM BOND FUNDS

Fixed Income
Bond Index
Core Bond
California Intermediate Tax-Exempt
Intermediate Tax-Exempt
Limited-Term Tax-Exempt
U.S. Government
Short Bond
Limited-Term U.S. Government
Ultra-Short Fixed Income
Tax-Advantaged Ultra-Short Fixed Income

HIGHER
RISK/
REWARD

GROWTH

INCOME

LOWER
RISK/
REWARD

NOT FDIC INSURED | May lose value / No bank guarantee

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