

Secondary Layout Report Date:

TARGET DELIVERY DATE: JANUARY 24, 2023

This spreadsheet and the accompanying instructions do not constitute, and should not be considered a substitute for, legal advice. The rules governing the proper tax characterization of distributions by mutual funds can be complex. Each fund should consult its own tax advisor regarding the proper tax characterization and reporting of the fund's distributions.

Please Skip Rows Between Entries
(no requirement to list in CUSIP order)

Expressed as an annual percentage with six (6) digits after the decimal point.

1	2	3	4	5	6	7	8	9	10
Security Description (Fund and Class)	CUSIP	Ticker Symbol	Reserved	Creditable Tax Reportable on IRS Form 8912	Foreign Source Income: % of Box 1a, Col. 17 on Primary Layout	Optional Foreign Source Income (% of Primary Layout Box 1a, Col. 17) as adjusted for IRC 904(b)(2)(B) type limitation for foreign QDI	Optional Foreign Qualified Dividend Income: % of Box 1a, Col. 17 on Primary Layout	Threshold Requirements For Exempt Interest Dividends from Federal Obligations Not Satisfied (Indicate by State)	Threshold Requirements For State and Local Exempt Interest Dividends Not Satisfied (Indicate by State)
NF Mid Cap Index	665130100	NOMIX			0.00%		0.00%	CA, CT, NY	CA, MN
Northern Global Sustainability Index - Class I	665130308	NSRIX			0.00%		0.00%	CA, CT, NY	CA, MN
Northern Global Sustainability Index - Class K	665162277	NSRKX			0.00%		0.00%	CA, CT, NY	CA, MN
NF International Equity Index	665130209	NOINX			99.45%		99.45%	CA, CT, NY	CA, MN
NF Income Equity	665162202	NOIEX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Small Cap Value	665162400	NOSGX			0.00%		0.00%	CA, CT, NY	CA, MN
NF International Equity	665162509	NOIGX			100.00%		100.00%	CA, CT, NY	CA, MN
Active M International Equity	665162558	NMIEX			99.42%		99.42%	CA, CT, NY	CA, MN
Active M Emerging Markets Equity	665162483	NMMEX			96.82%		96.82%	CA, CT, NY	CA, MN
Northern Emerging Markets Equity Index	665162582	NOEMX			98.20%		59.38%	CA, CT, NY	CA, MN
NF Large Cap Core	665162590	NOLCX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Large Cap Value	665162632	NOLVX			0.00%		0.00%	CA, CT, NY	CA, MN
NF U.S. Quality ESG Fund - Class K	665162327	NUESX			0.00%		0.00%	CA, CT, NY	CA, MN
NF U.S. Quality ESG Fund - Class I	665162285	NUEIX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Engage 360	665162319	NENGX			0.00%		0.00%		CA, MN
NF Small Cap Index	665162723	NSIDX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Stock Index	665162772	NOSIX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Global Real Estate Index Fund	665162541	NGREX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Multi-Manager Global Real Estate Fund	665162475	NMMGX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Small Cap Core - Class I	665162665	NSGRX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Small Cap Core - Class K	665162293	NSCKX			0.00%		0.00%	CA, CT, NY	CA, MN
Northern Bond Index	665162533	NOBOX			0.00%		0.00%	CA, CT, NY	CA, MN
Limited Term U.S. Govt. Fund	665162756	NSIUX			0.00%		0.00%		CA, MN

Security Description (Fund and Class)	CUSIP	Ticker Symbol	Reserved	Creditable Tax Reportable on IRS Form 8912	Foreign Source Income: % of Box 1a, Col. 17 on Primary Layout	Optional Foreign Source Income (% of Primary Layout Box 1a, Col. 17) as adjusted for IRC 904(b)(2)(B) type limitation for foreign QDI	Optional Foreign Qualified Dividend Income: % of Box 1a, Col. 17 on Primary Layout	Threshold Requirements For Exempt Interest Dividends from Federal Obligations Not Satisfied (Indicate by State)	Threshold Requirements For State and Local Exempt Interest Dividends Not Satisfied (Indicate by State)
NF High Yield Fixed Income	665162699	NHFIX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Fixed Income	665162806	NOFIX			0.00%		0.00%	CA, CT, NY	CA, MN
NF US Govt Select Money Mkt	665162822	NOSXX			0.00%		0.00%	CA, CT, NY	CA, MN
NF US Govt Money Market	665162848	NOGXX			0.00%		0.00%	CA, CT, NY	CA, MN
NF US Government	665162889	NOUGX			0.00%		0.00%		CA, MN
NF High Yield Municipal	665162681	NHYMX			0.00%		0.00%	CA, CT, NY	CA, MN
NF California Tax Exempt	665162731	NCATX			0.00%		0.00%	CA, CT, NY	MN
NF California Intermediate Tax Exempt	665162749	NCITX			0.00%		0.00%	CA, CT, NY	MN
NF Tax-Exempt	665162863	NOTEX			0.00%		0.00%	CA, CT, NY	CA, MN
Limited Term Tax Exempt Fund	665162525	NSITX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Arizona Tax Exempt	665162764	NOAZX			0.00%		0.00%	CA, CT, NY	CA, MN
Northern Ultra Short Fixed Income	665162467	NUSFX			0.00%		0.00%	CA, CT, NY	CA, MN
Northern Ultra Short Fixed Income - SWS	665162269	SWSFX			0.00%		0.00%	CA, CT, NY	CA, MN
Northern Tax-Advantaged Ultra Short Fixed Income	665162459	NTAUX			0.00%		0.00%	CA, CT, NY	CA, MN
Northern Multi-Manager High Yield Opportunity Fund	665162442	NMHYX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Intermediate Tax Exempt Bond	665162871	NOITX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Global Tactical Asset Allocation	665162392	BBALX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Multi-Manager Global Listed Infrastructure	665162384	NMFIX			73.04%		67.45%	CA, CT, NY	CA, MN
NF Multi-Manager Emerging Markets Debt Opportunity Fund	665162343	NMEDX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Core Bond	665162376	NOCBX			0.00%		0.00%	CA, CT, NY	CA, MN
NF Short Bond	665162368	BSBAX			0.00%		0.00%	CA, CT, NY	CA, MN
NF U.S. Treasury Index	665162350	BTIAX			0.00%		0.00%		CA, MN

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Please Skip Rows Between Entries
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1	2	3	11	12	13	14	15	16	17	18	19	20
Security Description (Fund and Class)	CUSIP	Ticker Symbol	% of Income From Exempt Federal Securities: % of Box 1a, Col. 17 on Primary Layout	% of Taxable Distribution Eligible for the Dividend Received Deduction	AL	AK	AZ	AR	CA	CO	CT	DE
NF Mid Cap Index	665130100	NOMIX	0.38%	88.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Global Sustainability Index - Class I	665130308	NSRIX	0.18%	61.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Global Sustainability Index - Class K	665162277	NSRKX	0.18%	61.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF International Equity Index	665130209	NOINX	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Income Equity	665162202	NOIEX	0.13%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Small Cap Value	665162400	NOSGX	0.71%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF International Equity	665162509	NOIGX	0.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Active M International Equity	665162558	NMIEX	0.00%	0.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Active M Emerging Markets Equity	665162483	NMMEX	0.52%	0.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Emerging Markets Equity Index	665162582	NOEMX	0.20%	0.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Large Cap Core	665162590	NOLCX	0.19%	95.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Large Cap Value	665162632	NOLVX	0.16%	77.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF U.S. Quality ESG Fund - Class K	665162327	NUESX	0.34%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF U.S. Quality ESG Fund - Class I	665162285	NUEIX	0.34%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Engage 360	665162319	NENGX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Small Cap Index	665162723	NSIDX	0.57%	96.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Stock Index	665162772	NOSIX	0.31%	97.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Global Real Estate Index Fund	665162541	NGREX	0.21%	0.49%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Multi-Manager Global Real Estate Fund	665162475	NMMGX	0.50%	1.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Small Cap Core - Class I	665162665	NSGRX	1.88%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Small Cap Core - Class K	665162293	NSCKX	1.88%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Bond Index	665162533	NOBOX	28.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Limited Term U.S. Govt. Fund	665162756	NSIUX	95.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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NF High Yield Fixed Income	665162699	NHFIX	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Fixed Income	665162806	NOFIX	17.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Govt Select Money Mkt	665162822	NOSXX	31.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Govt Money Market	665162848	NOGXX	26.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Government	665162889	NOUGX	95.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF High Yield Municipal	665162681	NHYMX	8.68%	0.00%	0.66%	0.00%	6.38%	0.06%	12.13%	5.53%	0.41%	0.00%
NF California Tax Exempt	665162731	NCATX	19.98%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
NF California Intermediate Tax Exempt	665162749	NCITX	12.71%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
NF Tax-Exempt	665162863	NOTEX	8.21%	0.00%	0.76%	0.00%	2.25%	0.17%	10.35%	5.74%	0.95%	0.00%
Limited Term Tax Exempt Fund	665162525	NSITX	20.65%	0.00%	1.79%	0.00%	0.93%	0.05%	9.63%	2.56%	1.59%	0.08%
NF Arizona Tax Exempt	665162764	NOAZX	19.82%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Ultra Short Fixed Income	665162467	NUSFX	6.65%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Ultra Short Fixed Income - SWS	665162269	SWSFX	6.65%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Tax-Advantaged Ultra Short Fixed Income	665162459	NTAUX	1.42%	0.00%	9.64%	0.23%	1.26%	0.46%	8.76%	2.06%	4.56%	0.37%
Northern Multi-Manager High Yield Opportunity Fund	665162442	NMHYX	0.31%	0.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Intermediate Tax Exempt Bond	665162871	NOITX	9.44%	0.00%	1.09%	0.71%	2.91%	0.18%	9.61%	4.21%	1.72%	0.03%
NF Global Tactical Asset Allocation	665162392	BBALX	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Multi-Manager Global Listed Infrastructure	665162384	NMFIX	0.46%	25.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Multi-Manager Emerging Markets Debt Opportunity Fund	665162343	NMEDX	0.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Core Bond	665162376	NOCBX	26.91%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Short Bond	665162368	BSBAX	7.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF U.S. Treasury Index	665162350	BTIAX	99.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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1	2	3	21	22	23	24	25	26	27	28	29	30	31	32
Security Description (Fund and Class)	CUSIP	Ticker Symbol	DC	FL	GA	Guam GQ	HI	ID	IL	IN	IA	KS	KY	LA
NF Mid Cap Index	665130100	NOMIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Global Sustainability Index - Class I	665130308	NSRIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Global Sustainability Index - Class K	665162277	NSRKX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF International Equity Index	665130209	NOINX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Income Equity	665162202	NOIEX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Small Cap Value	665162400	NOSGX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF International Equity	665162509	NOIGX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Active M International Equity	665162558	NMIEX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Active M Emerging Markets Equity	665162483	NMMEX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Emerging Markets Equity Index	665162582	NOEMX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Large Cap Core	665162590	NOLCX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Large Cap Value	665162632	NOLVX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF U.S. Quality ESG Fund - Class K	665162327	NUESX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF U.S. Quality ESG Fund - Class I	665162285	NUEIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Engage 360	665162319	NENGX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Small Cap Index	665162723	NSIDX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Stock Index	665162772	NOSIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Global Real Estate Index Fund	665162541	NGREX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Multi-Manager Global Real Estate Fund	665162475	NMMGX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Small Cap Core - Class I	665162665	NSGRX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Small Cap Core - Class K	665162293	NSCKX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Bond Index	665162533	NOBOX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Limited Term U.S. Govt. Fund	665162756	NSIUX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Security Description (Fund and Class)	CUSIP	Ticker Symbol	DC	FL	GA	Guam GQ	HI	ID	IL	IN	IA	KS	KY	LA
NF High Yield Fixed Income	665162699	NHFIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Fixed Income	665162806	NOFIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Govt Select Money Mkt	665162822	NOSXX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Govt Money Market	665162848	NOGXX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Government	665162889	NOUGX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF High Yield Municipal	665162681	NHYMX	0.62%	9.49%	2.62%	0.30%	0.00%	0.56%	4.95%	2.32%	1.42%	0.74%	0.95%	1.57%
NF California Tax Exempt	665162731	NCATX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF California Intermediate Tax Exempt	665162749	NCITX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Tax-Exempt	665162863	NOTEX	2.59%	7.55%	2.68%	0.00%	0.64%	0.29%	5.50%	0.57%	0.15%	0.01%	1.78%	2.48%
Limited Term Tax Exempt Fund	665162525	NSITX	0.72%	2.98%	6.55%	0.00%	0.76%	0.00%	1.42%	1.28%	0.12%	1.28%	2.67%	1.00%
NF Arizona Tax Exempt	665162764	NOAZX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Ultra Short Fixed Income	665162467	NUSFX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Ultra Short Fixed Income - SWS	665162269	SWSFX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Tax-Advantaged Ultra Short Fixed Income	665162459	NTAUX	1.48%	2.19%	2.09%	0.00%	0.00%	0.01%	1.14%	0.97%	0.16%	0.20%	0.39%	1.47%
Northern Multi-Manager High Yield Opportunity Fund	665162442	NMHYX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Intermediate Tax Exempt Bond	665162871	NOITX	1.62%	5.70%	4.58%	0.00%	1.65%	0.09%	4.47%	1.46%	0.11%	0.11%	4.08%	1.73%
NF Global Tactical Asset Allocation	665162392	BBALX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Multi-Manager Global Listed Infrastructure	665162384	NMFIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Multi-Manager Emerging Markets Debt Opportunity Fund	665162343	NMEDX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Core Bond	665162376	NOCBX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Short Bond	665162368	BSBAX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF U.S. Treasury Index	665162350	BTIAX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Secondary Layout Report Date:

This spreadsheet and the accompanying instructions do not constitute, and should not be considered, tax advice. Please consult your own tax advisor regarding the proper tax characterization and reporting of the fund's distributive income.

Please Skip Rows Between Entries
(no requirement to list in CUSIP order)

1	2	3	33	34	35	36	37	38	39	40	41	42	43	44
Security Description (Fund and Class)	CUSIP	Ticker Symbol	ME	MD	MA	MI	MN	MS	MO	MT	NE	NV	NH	NJ
NF Mid Cap Index	665130100	NOMIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Global Sustainability Index - Class I	665130308	NSRIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Global Sustainability Index - Class K	665162277	NSRKX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF International Equity Index	665130209	NOINX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Income Equity	665162202	NOIEX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Small Cap Value	665162400	NOSGX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF International Equity	665162509	NOIGX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Active M International Equity	665162558	NMIEX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Active M Emerging Markets Equity	665162483	NMMEX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Emerging Markets Equity Index	665162582	NOEMX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Large Cap Core	665162590	NOLCX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Large Cap Value	665162632	NOLVX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF U.S. Quality ESG Fund - Class K	665162327	NUESX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF U.S. Quality ESG Fund - Class I	665162285	NUEIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Engage 360	665162319	NENGX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Small Cap Index	665162723	NSIDX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Stock Index	665162772	NOSIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Global Real Estate Index Fund	665162541	NGREX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Multi-Manager Global Real Estate Fund	665162475	NMMGX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Small Cap Core - Class I	665162665	NSGRX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Small Cap Core - Class K	665162293	NSCKX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Bond Index	665162533	NOBOX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Limited Term U.S. Govt. Fund	665162756	NSIUX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Security Description (Fund and Class)	CUSIP	Ticker Symbol	ME	MD	MA	MI	MN	MS	MO	MT	NE	NV	NH	NJ
NF High Yield Fixed Income	665162699	NHFIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Fixed Income	665162806	NOFIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Govt Select Money Mkt	665162822	NOSXX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Govt Money Market	665162848	NOGXX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Government	665162889	NOUGX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF High Yield Municipal	665162681	NHYMX	0.32%	1.26%	2.37%	3.82%	0.94%	0.29%	0.96%	0.00%	0.52%	0.23%	0.08%	2.08%
NF California Tax Exempt	665162731	NCATX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF California Intermediate Tax Exempt	665162749	NCITX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Tax-Exempt	665162863	NOTEX	0.00%	0.97%	3.75%	1.80%	0.41%	0.05%	0.63%	0.01%	1.18%	0.63%	0.00%	1.00%
Limited Term Tax Exempt Fund	665162525	NSITX	0.00%	1.85%	6.34%	2.16%	1.80%	0.10%	1.85%	0.00%	0.04%	1.93%	0.00%	1.79%
NF Arizona Tax Exempt	665162764	NOAZX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Ultra Short Fixed Income	665162467	NUSFX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Ultra Short Fixed Income - SWS	665162269	SWSFX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Tax-Advantaged Ultra Short Fixed Income	665162459	NTAUX	0.03%	0.87%	0.38%	2.15%	4.47%	0.17%	0.25%	0.00%	0.45%	0.94%	0.02%	0.79%
Northern Multi-Manager High Yield Opportunity Fund	665162442	NMHYX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Intermediate Tax Exempt Bond	665162871	NOITX	0.18%	3.22%	1.93%	2.11%	0.54%	0.10%	1.04%	0.00%	0.75%	1.14%	0.06%	0.71%
NF Global Tactical Asset Allocation	665162392	BBALX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Multi-Manager Global Listed Infrastructure	665162384	NMFIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Multi-Manager Emerging Markets Debt Opportunity Fund	665162343	NMEDX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Core Bond	665162376	NOCBX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Short Bond	665162368	BSBAX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF U.S. Treasury Index	665162350	BTIAX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Security Description (Fund and Class)	CUSIP	Ticker Symbol	Northern Mariana Islands											Puerto Rico	
			NM	NY	NC	ND	CQ	OH	OK	OR	PA	RQ	RI	SC	
NF High Yield Fixed Income	665162699	NHFIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Fixed Income	665162806	NOFIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Govt Select Money Mkt	665162822	NOSXX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Govt Money Market	665162848	NOGXX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Government	665162889	NOUGX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF High Yield Municipal	665162681	NHYMX	0.66%	4.89%	0.50%	0.13%	0.00%	1.73%	1.06%	0.59%	3.70%	0.49%	0.59%	1.14%	
NF California Tax Exempt	665162731	NCATX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
NF California Intermediate Tax Exempt	665162749	NCITX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
NF Tax-Exempt	665162863	NOTEX	0.09%	24.16%	0.53%	0.10%	0.00%	0.55%	0.10%	2.16%	3.30%	0.00%	0.48%	1.71%	
Limited Term Tax Exempt Fund	665162525	NSITX	0.00%	16.13%	0.96%	0.03%	0.00%	4.30%	0.33%	1.09%	1.44%	0.00%	0.00%	0.00%	
NF Arizona Tax Exempt	665162764	NOAZX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Northern Ultra Short Fixed Income	665162467	NUSFX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Northern Ultra Short Fixed Income - SWS	665162269	SWSFX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Northern Tax-Advantaged Ultra Short Fixed Income	665162459	NTAUX	0.74%	7.60%	8.72%	0.28%	0.00%	2.64%	0.22%	1.05%	12.37%	0.00%	0.01%	0.25%	
Northern Multi-Manager High Yield Opportunity Fund	665162442	NMHYX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
NF Intermediate Tax Exempt Bond	665162871	NOITX	0.09%	19.83%	1.51%	0.00%	0.00%	0.91%	0.00%	0.54%	3.06%	0.00%	0.00%	1.17%	
NF Global Tactical Asset Allocation	665162392	BBALX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
NF Multi-Manager Global Listed Infrastructure	665162384	NMFIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
NF Multi-Manager Emerging Markets Debt Opportunity Fund	665162343	NMEDX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
NF Core Bond	665162376	NOCBX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
NF Short Bond	665162368	BSBAX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
NF U.S. Treasury Index	665162350	BTIAX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

Security Description (Fund and Class)	CUSIP	Ticker Symbol	SD	TN	TX	US Virgin Islands		VT	VA	WA	WV	WI	WY	Other
						VQ	UT							
NF High Yield Fixed Income	665162699	NHFIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Fixed Income	665162806	NOFIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Govt Select Money Mkt	665162822	NOSXX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Govt Money Market	665162848	NOGXX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Government	665162889	NOUGX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF High Yield Municipal	665162681	NHYMX	0.00%	0.67%	6.85%	0.61%	1.73%	0.83%	1.32%	1.89%	0.87%	5.80%	0.37%	0.00%
NF California Tax Exempt	665162731	NCATX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF California Intermediate Tax Exempt	665162749	NCITX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Tax-Exempt	665162863	NOTEX	0.00%	0.70%	3.68%	0.00%	1.02%	0.00%	1.40%	2.81%	0.60%	1.72%	0.00%	0.00%
Limited Term Tax Exempt Fund	665162525	NSITX	0.00%	1.76%	6.66%	0.00%	1.21%	0.00%	2.41%	7.59%	0.00%	2.82%	0.00%	0.00%
NF Arizona Tax Exempt	665162764	NOAZX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Ultra Short Fixed Income	665162467	NUSFX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Ultra Short Fixed Income - SWS	665162269	SWSFX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Tax-Advantaged Ultra Short Fixed Income	665162459	NTAUX	0.00%	1.01%	8.64%	0.00%	0.35%	0.00%	2.83%	3.49%	0.00%	1.84%	0.00%	0.00%
Northern Multi-Manager High Yield Opportunity Fund	665162442	NMHYX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Intermediate Tax Exempt Bond	665162871	NOITX	0.00%	1.39%	5.06%	0.00%	1.13%	0.03%	2.39%	3.17%	0.03%	1.82%	0.03%	0.00%
NF Global Tactical Asset Allocation	665162392	BBALX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Multi-Manager Global Listed Infrastructure	665162384	NMFIX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Multi-Manager Emerging Markets Debt Opportunity Fund	665162343	NMEDX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Core Bond	665162376	NOCBX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Short Bond	665162368	BSBAX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF U.S. Treasury Index	665162350	BTIAX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Secondary Layout Report Date:

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Please Skip Rows Between Entries
(no requirement to list in CUSIP order)

1	2	3	69	70	71	72	73	74	75	76	77	
Security Description (Fund and Class)	CUSIP	Ticker Symbol	<i>Optional</i>		<i>Optional</i>				<i>Optional</i>			
			U.S. Treasury	Federal Farm Credit Banks	Federal Home Loan Banks	DIRECT FEDERAL OBLIGATIONS		Other Direct Federal Obligations	INDIRECT FEDERAL OBLIGATIONS		Federal Home Loan Mortgage Corp	
						Student Loan Marketing Association	Tennessee Valley Authority		GNMA	FNMA		
NF Mid Cap Index	665130100	NOMIX	0.25%	0.09%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Global Sustainability Index - Class I	665130308	NSRIX	0.08%	0.07%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Global Sustainability Index - Class K	665162277	NSRKX	0.08%	0.07%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF International Equity Index	665130209	NOINX	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Income Equity	665162202	NOIEX	0.09%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Small Cap Value	665162400	NOSGX	0.45%	0.17%	0.09%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
NF International Equity	665162509	NOIGX	0.03%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Active M International Equity	665162558	NMIEX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Active M Emerging Markets Equity	665162483	NMMEX	0.40%	0.08%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Northern Emerging Markets Equity Index	665162582	NOEMX	0.08%	0.08%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Large Cap Core	665162590	NOLCX	0.12%	0.05%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Large Cap Value	665162632	NOLVX	0.12%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF U.S. Quality ESG Fund - Class K	665162327	NUESX	0.21%	0.09%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF U.S. Quality ESG Fund - Class I	665162285	NUEIX	0.21%	0.09%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Engage 360	665162319	NENGX	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Small Cap Index	665162723	NSIDX	0.45%	0.08%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Stock Index	665162772	NOSIX	0.22%	0.06%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Global Real Estate Index Fund	665162541	NGREX	0.09%	0.08%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Multi-Manager Global Real Estate Fund	665162475	NMMGX	0.21%	0.19%	0.10%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
NF Small Cap Core - Class I	665162665	NSGRX	1.10%	0.52%	0.26%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%
NF Small Cap Core - Class K	665162293	NSCKX	1.10%	0.52%	0.26%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%
Northern Bond Index	665162533	NOBOX	28.09%	0.07%	0.25%	0.00%	0.14%	0.00%	6.74%	13.19%	10.28%	
Limited Term U.S. Govt. Fund NTAC:3NS-20	665162756	NSIUX	95.12%	0.38%	0.19%	0.00%	0.00%	0.00%	0.42%	0.60%	0.47%	

Security Description (Fund and Class)	CUSIP	Ticker Symbol	Optional		Optional				Optional		
			U.S. Treasury	Federal Farm Credit Banks	Federal Home Loan Banks	DIRECT FEDERAL OBLIGATIONS		Other Direct Federal Obligations	GNMA	FNMA	Federal Home Loan Mortgage Corp
					Student Loan Marketing Association	Tennessee Valley Authority					
NF High Yield Fixed Income	665162699	NHFIX	0.08%	0.07%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Fixed Income	665162806	NOFIX	17.27%	0.08%	0.04%	0.00%	0.00%	0.00%	1.40%	12.79%	4.77%
NF US Govt Select Money Mkt	665162822	NOSXX	13.51%	11.58%	6.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF US Govt Money Market	665162848	NOGXX	10.61%	10.65%	5.00%	0.00%	0.00%	0.00%	0.00%	0.33%	0.09%
NF US Government	665162889	NOUGX	94.34%	0.50%	0.25%	0.00%	0.00%	0.00%	0.39%	0.69%	0.06%
NF High Yield Municipal	665162681	NHYMX	3.68%	3.33%	1.67%	0.00%	0.00%	0.00%	0.00%	0.12%	0.07%
NF California Tax Exempt	665162731	NCATX	8.47%	7.66%	3.85%	0.00%	0.00%	0.00%	0.00%	0.27%	0.16%
NF California Intermediate Tax Exempt	665162749	NCITX	5.39%	4.87%	2.45%	0.00%	0.00%	0.00%	0.00%	0.17%	0.10%
NF Tax-Exempt	665162863	NOTEX	3.48%	3.15%	1.58%	0.00%	0.00%	0.00%	0.00%	0.11%	0.06%
Limited Term Tax Exempt Fund	665162525	NSITX	8.75%	7.92%	3.98%	0.00%	0.00%	0.00%	0.00%	0.28%	0.16%
NF Arizona Tax Exempt	665162764	NOAZX	8.40%	7.60%	3.82%	0.00%	0.00%	0.00%	0.00%	0.27%	0.15%
Northern Ultra Short Fixed Income	665162467	NUSFX	6.25%	0.21%	0.19%	0.00%	0.00%	0.00%	0.09%	0.53%	0.34%
Northern Ultra Short Fixed Income - SWS	665162269	SWSFX	6.25%	0.21%	0.19%	0.00%	0.00%	0.00%	0.09%	0.53%	0.34%
Northern Tax-Advantaged Ultra Short Fixed Income	665162459	NTAUX	0.93%	0.29%	0.20%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%
Northern Multi-Manager High Yield Opportunity Fund	665162442	NMHYX	0.13%	0.12%	0.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Intermediate Tax Exempt Bond	665162871	NOITX	4.00%	3.62%	1.82%	0.00%	0.00%	0.00%	0.00%	0.13%	0.07%
NF Global Tactical Asset Allocation	665162392	BBALX	0.02%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Multi-Manager Global Listed Infrastructure	665162384	NMFIX	0.27%	0.13%	0.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NF Multi-Manager Emerging Markets Debt Opportunity Fund	665162343	NMEDX	0.40%	0.36%	0.18%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%
NF Core Bond	665162376	NOCBX	26.78%	0.09%	0.04%	0.00%	0.00%	0.00%	1.55%	15.67%	5.37%
NF Short Bond	665162368	BSBAX	7.27%	0.10%	0.22%	0.00%	0.00%	0.00%	0.14%	3.51%	4.04%
NF U.S. Treasury Index	665162350	BTIAX	99.77%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Secondary Layout Report Date:

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Please Skip Rows Between Entries
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1	2	3	78	79	80	81	82
Security Description (Fund and Class)	CUSIP	Ticker Symbol	Other Indirect Federal Obligations	<i>Optional</i> Repurchase Agreements Income	RI Five-Year Capital Gains	Supplemental Information Statement	Section 163(j) Interest Dividends*
NF Mid Cap Index	665130100	NOMIX	0.00%	0.65%			1.06%
Northern Global Sustainability Index - Class I	665130308	NSRIX	0.00%	0.51%			0.73%
Northern Global Sustainability Index - Class K	665162277	NSRKX	0.00%	0.51%			0.73%
NF International Equity Index	665130209	NOINX	0.00%	0.05%			0.03%
NF Income Equity	665162202	NOIEX	0.00%	0.22%			0.37%
NF Small Cap Value	665162400	NOSGX	0.00%	1.27%			2.46%
NF International Equity	665162509	NOIGX	0.00%	0.20%			0.26%
Active M International Equity	665162558	NMIEX	0.00%	0.00%			2.00%
Active M Emerging Markets Equity	665162483	NMMEX	0.00%	0.62%			2.49%
Northern Emerging Markets Equity Index	665162582	NOEMX	0.00%	0.56%			0.95%
NF Large Cap Core	665162590	NOLCX	0.00%	0.36%			0.50%
NF Large Cap Value	665162632	NOLVX	0.00%	0.20%			0.38%
NF U.S. Quality ESG Fund - Class K	665162327	NUESX	0.00%	0.65%			1.08%
NF U.S. Quality ESG Fund - Class I	665162285	NUEIX	0.00%	0.65%			1.08%
NF Engage 360	665162319	NENGX	0.00%	0.00%			0.00%
NF Small Cap Index	665162723	NSIDX	0.00%	0.57%			1.19%
NF Stock Index	665162772	NOSIX	0.00%	0.43%			0.75%
NF Global Real Estate Index Fund	665162541	NGREX	0.00%	0.58%			1.52%
NF Multi-Manager Global Real Estate Fund	665162475	NMMGX	0.00%	1.43%			2.81%
NF Small Cap Core - Class I	665162665	NSGRX	0.00%	3.82%			11.14%
NF Small Cap Core - Class K	665162293	NSCKX	0.00%	3.82%			11.14%
Northern Bond Index	665162533	NOBOX	0.00%	0.35%			100.00%
Limited Term U.S. Govt. Fund	665162756	NSIUX	0.00%	2.79%			100.00%

Security Description (Fund and Class)	CUSIP	Ticker Symbol	OBLIGATIONS Other Indirect Federal Obligations	<i>Optional</i>			Section 163(j) Interest Dividends*
				Repurchase Agreements Income	RI Five-Year Capital Gains	Supplemental Information Statement	
NF High Yield Fixed Income	665162699	NHFIX	0.00%	0.54%			98.31%
NF Fixed Income	665162806	NOFIX	0.00%	0.63%			100.00%
NF US Govt Select Money Mkt	665162822	NOSXX	0.00%	68.00%			100.00%
NF US Govt Money Market	665162848	NOGXX	0.00%	73.01%			100.00%
NF US Government	665162889	NOUGX	0.00%	3.71%			99.98%
NF High Yield Municipal	665162681	NHYMX	0.00%	24.73%			100.00%
NF California Tax Exempt	665162731	NCATX	0.00%	56.86%			99.98%
NF California Intermediate Tax Exempt	665162749	NCITX	0.00%	36.17%			100.00%
NF Tax-Exempt	665162863	NOTEX	0.00%	23.34%			100.00%
Limited Term Tax Exempt Fund	665162525	NSITX	0.00%	58.75%			99.85%
NF Arizona Tax Exempt	665162764	NOAZX	0.00%	56.43%			100.00%
Northern Ultra Short Fixed Income	665162467	NUSFX	0.00%	1.22%			100.00%
Northern Ultra Short Fixed Income - SWS	665162269	SWSFX	0.00%	1.22%			100.00%
Northern Tax-Advantaged Ultra Short Fixed Income	665162459	NTAUX	0.00%	2.12%			100.00%
Northern Multi-Manager High Yield Opportunity Fund	665162442	NMHYX	0.00%	0.86%			93.00%
NF Intermediate Tax Exempt Bond	665162871	NOITX	0.00%	26.86%			99.16%
NF Global Tactical Asset Allocation	665162392	BBALX	0.00%	0.15%			0.20%
NF Multi-Manager Global Listed Infrastructure	665162384	NMFIX	0.00%	0.94%			1.41%
NF Multi-Manager Emerging Markets Debt Opportunity Fund	665162343	NMEDX	0.00%	2.69%			100.00%
NF Core Bond	665162376	NOCBX	0.00%	0.66%			100.00%
NF Short Bond	665162368	BSBAX	0.00%	0.71%			98.66%
NF U.S. Treasury Index	665162350	BTIAX	0.00%	0.19%			100.00%