



VERMILION RESEARCH, LLC

# ETF Navigator

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		Relative Strength Ranking - RSR																				% Price Δ								
		Price	MKT Cap(MM)	04/10	04/03	03/27	03/20	03/13	02/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF	INDEX																													
EF-01	Broad Index			19	23	24	24	23	21	21	20	20	18	14	15	14	13	12	12	11	11	D2	4	AF	AR	- 9	2.93%	3.10%	-0.71%	
	Vanguard Total Stock Market ETF	VTI	335.05	586,790	22	27	26	27	26	26	25	24	26	23	16	17	17	14	12	10	13	12	D3	1	AF	AR	- 42	3.49%	3.06%	-1.84%
	iShares Core S&P Total U.S. Stock Ma	ITOT	148.68	83,729	22	27	26	27	26	26	25	24	26	23	16	17	17	14	12	10	13	12	D3	1	AF	AR	- 42	3.48%	3.07%	-1.86%
	Schwab U.S. Broad Market ETF	SCHB	26.23	38,668	22	27	26	27	26	26	25	24	26	23	16	17	17	14	12	10	13	12	D3	1	AF	AR	- 42	3.55%	3.15%	-1.82%
	Vanguard Extended Market ETF	VXF	214.00	26,791	20	24	26	27	27	27	24	23	23	22	18	16	14	14	14	12	14	12	D2	4	AR	AR	- 41	2.78%	4.77%	-1.85%
	iShares Russell 3000 ETF	IWV	386.71	18,001	22	27	26	27	26	26	25	24	26	23	16	17	18	14	13	10	13	12	D3	1	AF	AR	- 42	3.46%	3.02%	-1.85%
	State Street SPDR Portfolio S&P 1500	SPTM	82.58	12,333	21	27	26	27	26	26	25	23	25	23	16	17	17	14	12	10	13	12	D3	1	AF	AR	- 42	3.52%	3.07%	-1.61%
	Schwab 1000 Index ETF	SCHK	32.71	4,974	23	27	26	27	26	26	25	24	26	23	16	18	18	14	13	10	13	13	D3	2	AF	AR	- 43	3.48%	2.99%	-1.91%
	Vanguard Russell 3000 ETF	VTHR	300.07	4,141	22	27	26	27	26	26	25	24	26	23	16	17	17	14	13	10	13	12	D3	1	AF	AR	- 42	3.41%	2.99%	-1.89%
	iShares Russell 2500 ETF	SMMD	80.47	2,800	12	13	19	20	20	20	17	17	17	15	13	11	11	11	12	10	12	11	D1	1	AR	AR	- 40	3.85%	6.37%	2.00%
	FlexShares Morningstar US Market Far	TILT	251.11	1,934	20	25	25	25	24	25	23	22	22	19	15	16	15	13	12	10	12	11	D2	4	AF	AR	- 42	3.14%	3.37%	-1.34%
	Schwab Fundamental U.S. Broad Mark	FNDB	27.99	1,181	13	11	10	12	13	15	15	17	16	14	12	13	13	12	11	9	12	11	D1	3	AR	AR	- 41	2.45%	3.42%	2.21%
	Vident U.S. Equity Strategy ETF	VUSE	64.89	615	27	27	27	27	27	27	25	28	28	28	20	21	21	17	16	13	15	14	D3	4	AF	BR	- 44	2.43%	1.52%	-3.64%
	iShares MSCI USA Size Factor ETF	SIZE	164.05	394	20	23	24	24	24	22	21	21	21	20	17	17	17	15	14	13	15	14	D2	3	AF	AR	- 42	2.27%	2.87%	-1.52%
	ALPS Barron's 400 ETF	BFOR	86.45	207	15	16	17	18	19	17	16	15	15	15	17	14	14	15	18	19	15	15	D2	3	AR	AR	- 6	3.19%	4.62%	0.90%
	Invesco Bloomberg MVP Multi-factor E	BMVP	50.47	100	20	15	12	13	13	13	16	17	17	15	14	16	15	17	16	14	17	15	D1	3	BF	AR	- 42	0.55%	0.03%	1.09%
	First Trust Dividend Strength ETF	FTDS	60.90	30	11	5	4	9	11	11	12	13	12	12	12	13	13	12	12	12	14	11	D1	3	AR	AR	- 41	0.95%	2.88%	3.71%
	ALPS Active Equity Opportunity ETF	RFFC	69.61	28	16	20	22	18	16	18	18	17	17	17	12	14	13	12	10	9	12	11	D2	3	AF	AR	- 41	3.88%	3.70%	1.15%
EF-02	Equal Weight				25	24	24	23	22	19	20	21	21	20	15	15	16	14	13	13	13	13	D2	3	BF	AR	- 6	1.56%	1.37%	-1.86%
	Invesco S&P 500 Equal Weight ETF	RSP	196.65	86,228	18	19	20	19	17	16	16	18	18	18	15	16	16	14	14	12	14	13	D2	3	BF	AR	- 42	1.84%	2.05%	-0.05%
	Invesco S&P MidCap Quality ETF	XMHQ	105.78	5,131	20	20	23	27	26	26	22	23	23	20	18	17	18	16	17	15	17	16	D2	3	AF	AR	- 40	1.52%	3.80%	-1.18%
	Invesco S&P 100 Equal Weight ETF	EQWL	117.88	2,374	25	25	25	22	21	18	21	20	19	18	15	16	17	14	12	11	13	12	D2	3	BF	AR	- 44	1.94%	1.13%	-1.81%
	Goldman Sachs Equal Weight U.S. Lar	GSEW	86.71	1,647	20	21	22	21	23	18	20	20	20	21	17	17	17	15	15	13	15	14	D2	3	AF	AR	- 43	1.64%	2.17%	-1.12%
	First Trust Nasdaq-100 Select Equal W	QQEW	127.29	1,553	30	30	30	28	28	28	29	29	30	29	22	21	23	17	16	12	14	14	D3	6	BF	BF	+ 7	-0.23%	-2.04%	-11.72%
	iShares MSCI USA Equal Weighted ET	EUSA	104.17	1,516	24	24	24	22	24	19	21	21	21	21	17	17	17	15	15	13	15	14	D2	3	BF	AR	- 42	1.58%	1.78%	-1.93%
	Direxion NASDAQ-100 Equal Weighted	QQQE	101.12	1,178	27	27	26	25	26	26	25	25	27	27	18	17	19	15	15	13	14	14	D3	2	AF	AR	- 44	1.87%	1.35%	-3.71%
	Invesco Russell 1000 Equal Weight ET	EQAL	56.54	775	11	6	5	12	12	13	13	16	15	16	14	14	15	14	13	12	14	13	D1	3	AR	AR	- 41	1.56%	3.29%	4.48%
	Alps Equal Sector Weight ETF	EQL	48.69	673	16	12	11	13	13	14	15	17	17	18	14	16	17	15	13	13	15	14	D1	3	AR	AR	- 43	1.97%	1.81%	2.95%
	First Trust Dow 30 Equal Weight ETF	EDOW	41.31	291	25	25	23	23	17	18	20	18	18	16	14	16	16	13	12	11	13	11	D2	3	BF	AR	- 43	1.95%	0.27%	-2.24%
EF-03	Large Cap				23	27	26	26	25	25	24	23	24	22	15	16	17	13	11	11	11	11	D3	1	AF	AR	- 28	3.26%	2.68%	-1.66%
	Vanguard S&P 500 ETF	VOO	624.60	864,550	22	27	26	27	26	26	25	24	26	23	16	18	18	14	12	10	13	12	D3	2	AF	AR	- 43	3.58%	2.87%	-1.84%
	iShares Core S&P 500 ETF	IVV	682.62	747,367	22	27	26	27	26	26	25	24	26	23	16	18	18	14	12	10	13	12	D3	2	AF	AR	- 43	3.59%	2.89%	-1.81%
	State Street SPDR S&P 500 ETF	SPY	679.46	689,334	22	27	26	27	26	26	25	24	26	23	16	18	18	14	12	10	13	12	D3	2	AF	AR	- 43	3.60%	2.87%	-1.84%
	Invesco QQQ Trust Series I	QQQ	611.07	394,873	24	27	27	27	26	27	27	28	28	27	17	18	19	14	13	10	13	12	D3	3	AF	AR	- 44	4.46%	3.05%	-2.36%
	State Street SPDR Portfolio S&P 500 E	SPYM	79.96	128,756	22	27	26	27	26	26	25	24	26	23	16	18	18	14	12	10	13	12	D3	2	AF	AR	- 43	3.59%	2.86%	-1.84%
	Schwab U.S. Large-Cap ETF	SCHX	26.76	64,320	24	27	27	27	26	27	25	25	27	24	17	18	18	15	13	11	13	13	D3	2	AF	AR	- 43	3.48%	2.82%	-2.13%
	Vanguard Large-Cap ETF	VV	312.12	47,748	25	27	27	27	26	27	25	25	27	24	17	18	18	15	13	10	13	12	D3	2	AF	AR	- 43	3.55%	2.79%	-2.20%
	iShares Russell 1000 ETF	IWB	372.04	44,291	23	27	26	27	26	26	25	24	26	23	16	18	18	15	13	10	13	13	D3	2	AF	AR	- 43	3.39%	2.84%	-2.01%
	State Street SPDR Dow Jones Industri	DIA	479.25	44,112	24	27	26	27	26	26	23	20	19	18	15	16	15	13	11	9	12	11	D2	4	AF	AR	- 41	3.05%	2.97%	-2.82%
	Schwab Fundamental U.S. Large Com	FNDX	28.65	24,526	13	11	10	12	13	15	16	17	16	14	12	14	13	12	11	9	12	11	D1	3	AR	AR	- 41	2.39%	3.25%	2.29%
	iShares S&P 100 ETF	OEF	333.22	18,427	27	28	28	27	27	27	27	28	28	25	17	19	19	15	12	9	13	11	D3	4	AF	AR	- 43	4.00%	2.62%	-3.44%
	Invesco S&P 500 Top 50 ETF	XLG	56.99	10,079	27	28	28	28	28	28	28	28	28	27	18	20	20	15	12	9	12	11	D3	4	AF	AR	- 42	3.79%	2.38%	-4.20%
	Invesco RAFI US 1000 ETF	PRF	49.18	9,050	14	13	13	13	14	15	16	17	16	15	12	14	13	12	10	9	12	11	D1	3	AR	AR	- 42	2.76%	3.70%	1.86%
	Vanguard Mega Cap ETF	MGC	247.38	8,815	25	27	27	27	26	27	25	25	28	24	16	18	18	14	12	9	13	12	D3	3	AF	AR	- 43	3.76%	2.72%	-2.57%

		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
				10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19								
EF-03 Large Cap																													
Vanguard Russell 1000 ETF	VONE	307.73	7,287	23	27	26	27	26	26	25	24	26	23	16	18	18	15	12	10	13	13	D3	2	AF	AR	- 43	3.42%	2.89%	-1.97%
iShares Dow Jones U.S. ETF	IYY	165.38	2,696	23	27	27	27	26	26	25	24	26	24	16	18	18	15	13	11	13	13	D3	2	AF	AR	- 43	3.49%	2.95%	-1.90%
iShares Russell Top 200 ETF	IWL	167.88	1,989	26	27	27	27	27	27	25	25	28	24	16	18	18	14	12	10	13	12	D3	3	AF	AR	- 43	3.69%	2.56%	-2.78%
Motley Fool 100 Index ETF	TMFC	69.32	1,865	27	28	28	28	28	28	29	28	29	29	27	27	25	21	19	15	15	16	D3	6	AF	BR	- 24	3.99%	2.65%	-4.39%
First Trust Large Cap Core AlphaDEX I FEX		126.33	1,453	12	10	9	12	14	15	16	17	16	16	14	15	15	14	12	11	14	13	D1	3	AR	AR	- 42	2.84%	4.39%	3.46%
iShares Morningstar U.S. Equity ETF	ILCB	93.83	1,163	24	27	27	27	26	27	25	25	27	24	16	18	18	15	13	10	13	13	D3	2	AF	AR	- 43	3.51%	2.80%	-2.12%
Goldman Sachs JUST U.S. Large Cap	JUST	97.04	517	20	26	26	26	26	26	25	24	26	22	15	18	18	14	12	10	14	13	D3	1	AF	AR	- 42	3.88%	3.75%	-1.38%
First Trust Nasdaq-100 Ex-Technology	QQXT	98.51	182	27	25	22	24	21	16	19	23	23	24	19	19	21	17	17	14	17	16	D2	3	BF	BF	- 45	0.95%	-0.05%	-2.42%
First Trust Bloomberg Shareholder Yiel	SHRY	43.58	17	18	12	6	11	13	13	17	18	19	19	16	19	20	18	17	17	19	16	D1	3	BR	AR	- 45	0.23%	0.83%	1.77%
EF-04 Mid-Cap				17	18	19	22	22	18	18	17	17	17	14	15	14	13	13	14	13	13	D2	3	AR	AR	- 6	2.57%	4.07%	0.38%
iShares Core S&P Mid-Cap ETF	IJH	70.45	111,431	12	13	16	18	19	18	16	16	16	15	14	14	13	13	13	12	14	13	D1	1	AR	AR	- 40	3.33%	5.55%	2.18%
Vanguard Mid-Cap ETF	VO	296.70	95,245	20	23	22	24	24	21	20	22	22	23	18	19	19	17	16	14	16	14	D2	3	AR	AR	- 43	2.32%	3.05%	-0.28%
iShares Russell Midcap ETF	IWR	100.64	50,360	17	16	19	20	21	18	18	18	19	19	17	16	16	15	13	15	13	14	D2	3	AR	AR	- 42	2.34%	3.94%	0.94%
State Street SPDR S&P MIDCAP 400 I MDY		643.10	25,317	12	14	16	19	19	18	16	16	16	15	15	14	13	13	13	12	14	13	D1	1	AR	AR	- 40	3.33%	5.51%	2.11%
Schwab U.S. Mid-Cap ETF	SCHM	32.39	13,597	11	10	15	14	15	16	14	15	16	15	13	12	12	12	13	11	13	12	D1	3	AR	AR	- 40	3.19%	5.21%	2.52%
Vanguard S&P Mid-Cap 400 ETF	IVOO	119.23	3,319	12	13	16	20	19	18	16	16	16	15	14	14	13	13	13	12	14	13	D1	1	AR	AR	- 40	3.35%	5.60%	2.22%
Franklin U.S. Mid Cap Multifactor Index	FLQM	55.85	1,689	27	27	25	26	26	24	22	23	23	22	19	19	19	16	16	14	15	14	D2	4	BF	BR	- 40	1.32%	1.69%	-3.47%
iShares Morningstar Mid-Cap ETF	IMCB	86.55	1,489	17	17	18	19	20	18	18	18	19	19	17	17	17	16	15	14	16	14	D2	3	AR	AR	- 42	2.60%	3.99%	1.55%
First Trust Mid Cap Core AlphaDEX Fu	FNX	133.36	1,274	15	16	18	23	24	21	18	16	16	14	14	13	12	12	12	11	13	11	D2	3	AR	AR	- 39	3.14%	5.29%	0.70%
Invesco S&P MidCap 400 GARP ETF	GRPM	121.58	470	20	22	22	27	27	27	25	23	23	21	19	18	19	16	15	13	14	13	D2	4	AR	AR	- 39	2.05%	4.69%	-1.39%
First Trust Mid Cap Value AlphaDEX Fu	FNK	58.55	211	14	12	10	20	17	16	16	15	15	14	13	14	14	13	13	12	14	12	D1	1	AR	AR	- 39	2.32%	4.26%	0.74%
First Trust SMID Capital Strength ETF	FSCS	35.79	57	27	27	25	26	26	23	23	23	23	22	19	20	20	18	20	16	18	17	D2	3	BF	BF	- 14	1.52%	0.87%	-2.62%
EF-05 Small-Cap				14	17	20	22	24	20	18	16	16	15	13	11	11	11	12	12	10	10	D2	3	AR	AR	- 7	3.53%	5.73%	0.97%
iShares Core S&P Small Cap ETF	IJR	130.19	96,783	9	10	13	18	19	18	17	15	15	14	13	12	11	12	12	10	12	10	D1	1	AR	AR	- 38	3.79%	6.84%	3.14%
iShares Russell 2000 ETF	IWM	261.30	73,216	14	18	22	24	24	24	20	17	17	15	13	10	9	10	11	9	11	9	D2	4	AR	AR	- 39	3.98%	6.15%	0.59%
Vanguard Small-Cap ETF	VB	272.11	73,129	15	14	18	20	20	20	18	17	17	16	14	12	12	12	12	11	13	12	D2	3	AR	AR	- 40	2.81%	4.81%	0.49%
Schwab U.S. Small-Cap ETF	SCHA	30.68	20,967	10	12	17	20	21	21	18	16	16	14	12	10	10	10	11	9	11	10	D1	1	AR	AR	- 39	3.93%	7.00%	2.03%
Vanguard Russell 2000 ETF	VTWO	105.57	14,775	14	18	22	25	24	24	19	17	17	15	13	10	9	10	11	9	11	9	D2	3	AR	AR	- 39	3.99%	6.22%	0.64%
State Street SPDR Portfolio S&P 600 SPSM		50.65	14,557	9	10	13	20	19	18	17	15	15	14	13	12	11	12	12	10	12	10	D1	1	AR	AR	- 38	3.79%	6.83%	3.19%
Schwab Fundamental U.S. Small Com	FNDA	33.98	9,751	11	12	14	19	19	16	14	14	14	13	13	12	11	11	13	11	12	11	D1	1	AR	AR	- 38	3.66%	6.35%	2.14%
Fidelity Nasdaq Composite Index ETF	ONEQ	90.13	9,135	25	28	28	27	27	28	27	28	28	27	16	17	18	14	12	9	12	11	D3	4	AF	AR	- 43	4.68%	3.63%	-3.07%
State Street SPDR S&P 600 Small Cap	SLYG	102.16	4,224	9	13	19	22	24	21	18	17	17	16	15	14	13	14	15	12	14	11	D1	1	AR	AR	- 39	4.22%	7.43%	3.91%
Vanguard S&P Small-Cap 600 ETF	VIOO	120.32	3,561	10	10	14	19	19	17	16	14	14	8	14	10	8	9	16	18	12	11	D1	1	AR	AR	- 6	3.78%	6.81%	3.09%
Invesco RAFI US 1500 Small-Mid ETF	PRFZ	47.80	2,722	17	19	22	25	26	23	20	18	19	18	14	12	12	12	13	10	11	10	D2	3	AR	AR	- 39	2.84%	5.31%	-0.73%
First Trust Small Cap Core Alphasex Fi	FYX	125.37	1,122	5	5	5	12	13	13	14	13	12	12	10	9	9	8	9	8	9	8	D1	3	AR	AR	- 39	3.80%	7.85%	4.99%
TR Activebeta US Small Cap Equity ET	GSSC	78.31	897	17	23	24	27	27	27	22	20	19	18	14	13	13	12	13	10	12	10	D2	3	AF	AR	- 40	3.88%	6.13%	-0.76%
JPMorgan Diversified Return U.S. Sma	JPSE	54.90	557	7	8	6	16	15	15	16	16	15	14	13	12	12	12	13	11	13	10	D1	3	AR	AR	- 39	3.65%	6.31%	4.58%
iShares Morningstar Small-Cap ETF	ISCB	67.77	258	17	18	21	24	24	21	18	17	17	15	14	12	11	11	12	9	11	10	D2	3	AR	AR	- 40	3.01%	5.05%	-0.45%
Franklin U.S. Small Cap Multifactor Ind	FLQS	44.48	49	18	22	22	27	26	24	22	21	21	19	17	17	17	16	17	13	14	13	D2	4	AR	AR	- 39	3.01%	4.47%	0.12%
First Trust SMID Growth Strength ETF	FSGS	29.90	28	27	27	27	27	28	28	27	28	29	28	29	25	24	23	29	29	27	26	D3	4	AF	BF	- 9	1.18%	2.05%	-5.55%
EF-06 Micro-Cap				6	7	9	15	14	12	13	13	12	7	8	7	7	7	8	7	7	6	D1	5	AR	AR	- 8	3.98%	7.06%	4.08%
iShares Micro-Cap ETF	IWC	169.40	1,279	9	12	17	20	15	15	16	17	17	14	9	7	7	7	8	7	7	6	D1	1	AR	AR	- 40	4.15%	5.94%	2.13%
First Trust Dow Jones Select MicroCap	FDM	86.46	238	5	5	5	13	14	14	14	13	12	10	9	11	10	10	11	8	8	7	D1	4	AR	AR	- 42	3.81%	8.16%	5.96%

		Relative Strength Ranking - RSR																				% Price Δ										
		Price	MKT Cap(MM)	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month				
Group or Corp	Ticker																															
EF-06	Micro-Cap																															
	STYLE																															
EF-07	Style: Large-Cap Growth			26	28	28	27	28	28	27	28	28	28	18	19	19	15	12	12	11	12	D3	5	AF	AR	- 28	4.82%	3.49%	-3.20%			
	Vanguard Growth ETF	VUG	461.13	195,580	28	29	30	28	28	28	29	29	30	20	21	21	17	14	11	13	13	D3	6	AF	BR	+ 5	4.32%	2.54%	-5.99%			
	iShares Russell 1000 Growth ETF	IWF	446.26	117,456	28	29	29	28	28	28	29	29	29	21	21	21	17	14	11	14	13	D3	6	AF	BR	+ 5	3.77%	1.91%	-6.20%			
	iShares S&P 500 Growth ETF	IYW	120.69	65,016	26	28	29	27	27	28	28	28	28	17	19	19	15	12	10	13	13	D3	4	AF	AR	- 44	5.26%	3.49%	-3.10%			
	Schwab U.S. Large-Cap Growth ETF	SCHG	30.51	50,889	28	29	30	28	28	28	29	29	30	20	21	21	16	13	10	13	12	D3	6	AF	BR	+ 5	3.70%	2.13%	-7.04%			
	State Street SPDR Portfolio S&P 500 C	SPYG	104.47	45,152	26	28	29	27	27	28	28	28	28	17	19	19	15	12	10	13	13	D3	4	AF	AR	- 44	5.25%	3.48%	-3.07%			
	Vanguard Russell 1000 Growth ETF	VONG	114.86	39,369	28	29	29	28	28	28	29	29	29	20	21	21	17	14	11	14	13	D3	6	AF	BR	+ 5	3.78%	1.95%	-6.14%			
	Vanguard Mega Cap Growth ETF	MGK	387.61	29,231	28	29	30	28	28	28	29	29	30	20	21	21	16	13	10	13	12	D3	5	AF	BR	+ 5	4.24%	2.34%	-6.41%			
	iShares Core S&P U.S. Growth ETF	IUSG	165.37	27,857	25	28	28	27	27	28	27	28	28	17	19	19	15	12	10	13	13	D3	4	AF	AR	- 44	5.14%	3.59%	-2.69%			
	Vanguard S&P 500 Growth ETF	VOOG	435.23	22,219	26	28	29	27	27	28	28	28	28	17	19	19	15	12	10	13	13	D3	4	AF	AR	- 44	5.26%	3.49%	-3.07%			
	iShares Russell Top 200 Growth ETF	IWY	260.61	15,428	28	29	29	28	28	28	29	29	30	20	21	21	17	13	10	13	13	D3	6	AF	BR	+ 5	3.83%	1.86%	-6.13%			
	iShares Morningstar Growth ETF	ILCG	101.74	2,696	27	29	29	28	28	28	29	29	29	19	21	21	17	17	15	13	15	15	D3	6	AF	AR	- 44	5.13%	3.72%	-3.47%		
	Invesco S&P 500 Pure Growth ETF	RPG	51.19	1,719	6	16	25	15	19	26	20	18	20	23	16	17	19	17	15	18	17	D1	1	AR	AR	- 44	6.56%	7.69%	5.76%			
	Invesco Large Cap Growth ETF	PWB	136.53	1,713	12	22	26	15	16	19	18	17	18	14	14	13	16	16	18	15	16	D2	3	AR	AR	- 6	6.32%	5.41%	3.77%			
	First Trust Large Cap Growth AlphaDE	FTC	164.20	1,215	18	27	27	27	27	27	25	24	27	25	19	18	18	17	15	13	15	15	D3	2	AR	AR	- 44	4.88%	5.91%	0.08%		
EF-08	Style: Mid-Cap Growth			17	21	24	23	25	24	19	19	22	21	18	16	15	15	14	16	13	13	D2	3	AR	AR	- 6	3.31%	4.77%	0.94%			
	iShares Russell Mid-Cap Growth ETF	IWP	130.36	18,883	29	29	28	28	28	28	28	29	29	24	24	22	22	21	19	21	20	D3	9	BF	BF	+ 9	0.91%	0.60%	-7.49%			
	Vanguard Mid-Cap Growth ETF	VOT	268.22	17,193	29	29	29	28	28	28	28	29	29	24	24	24	23	21	19	22	21	D3	16	AF	BF	+ 10	2.61%	2.11%	-6.00%			
	iShares S&P Mid-Cap 400 Growth ETF	IJK	105.35	10,050	8	9	12	10	14	16	14	15	17	15	14	13	13	13	12	14	13	D1	4	AR	AR	- 40	3.42%	5.51%	4.05%			
	Invesco S&P MidCap Momentum ETF	XMMO	155.65	6,361	3	5	5	10	13	15	14	16	17	16	17	17	15	15	12	10	13	13	U3	1	AR	AR	- 42	5.45%	9.16%	10.34%		
	iShares Morningstar Mid-Cap Growth E	IMCG	82.97	3,269	18	25	26	26	27	27	22	24	27	25	20	20	20	19	19	17	21	19	D2	4	AR	AR	- 43	3.52%	4.65%	0.66%		
	State Street SPDR S&P 400 Mid Cap C	MDYG	100.50	2,598	8	9	12	13	15	16	14	15	17	16	15	14	13	13	13	12	14	13	D1	3	AR	AR	- 40	3.46%	5.59%	4.11%		
	Vanguard S&P Mid-Cap 400 Growth E	IVOG	130.82	1,499	10	9	12	9	13	15	12	13	15	18	14	10	15	19	22	18	19	D1	4	AR	AR	- 5	3.36%	5.36%	3.87%			
	First Trust Mid Cap Growth AlphaDEX	IFNY	95.40	487	18	25	26	27	27	26	20	18	19	18	19	11	8	11	16	20	15	14	D2	4	AR	AR	- 9	3.80%	5.58%	-0.93%		
EF-09	Style: Small-Cap Growth			14	18	22	25	26	25	19	18	18	16	13	11	11	11	12	13	10	10	D2	4	AR	AR	- 7	4.29%	6.87%	1.28%			
	Vanguard Small-Cap Growth ETF	VBK	315.72	21,157	17	19	24	22	24	26	20	19	21	20	15	12	12	12	11	13	12	D2	3	AR	AR	- 40	2.74%	4.74%	-1.27%			
	iShares Russell 2000 Growth ETF	IWO	331.87	12,860	20	27	27	27	27	28	24	23	23	19	15	11	10	11	12	9	11	10	D3	1	AF	AR	- 40	4.24%	5.33%	-3.04%		
	iShares S&P Small-Cap 600 Growth E	IJT	152.98	6,884	10	13	19	22	24	21	18	17	17	16	15	14	13	14	15	12	14	11	D1	1	AR	AR	- 39	4.17%	7.40%	3.90%		
	Invesco S&P SmallCap Momentum ET	XSMO	81.76	2,488	4	6	7	17	16	16	15	17	15	14	15	14	14	16	16	12	14	12	D1	3	AR	AR	- 42	5.17%	9.19%	9.29%		
	Vanguard Russell 2000 Growth ETF	VTWG	242.15	1,275	20	27	27	27	27	28	23	23	23	19	15	11	10	10	12	9	11	10	D3	1	AF	AR	- 40	4.33%	5.34%	-3.14%		
	First Trust Small Cap Growth AlphaDE	FYC	102.82	951	10	12	20	20	24	19	18	17	15	15	10	6	5	4	5	4	4	3	D1	1	AR	AR	- 11	4.00%	8.05%	1.32%		
	Vanguard S&P Small-Cap 600 Growth	VIOG	131.53	894	9	13	18	22	24	21	18	17	17	16	15	14	13	14	15	12	14	11	D1	1	AR	AR	- 39	4.27%	7.41%	3.87%		
	iShares Morningstar Small-Cap Growth	ISCG	57.69	894	18	23	25	25	26	26	19	18	19	18	15	12	11	11	12	9	11	10	D2	4	AR	AR	- 40	3.52%	5.12%	-1.20%		
	Janus Henderson Small/Mid Cap Grow	JSMD	84.88	879	18	27	27	28	28	28	25	24	23	22	18	15	15	16	17	14	16	14	D3	1	AR	AR	+ 1	5.32%	9.02%	-0.40%		
	Janus Henderson Small Cap Growth A	JSML	75.34	292	19	28	27	28	28	28	25	25	26	23	18	16	15	14	15	12	13	11	D3	2	AF	AR	- 42	6.32%	7.38%	-1.97%		
	First Trust Small Cap Value AlphaDEX	FYT	64.04	160	4	4	3	9	11	10	12	10	11	10	10	11	11	10	12	11	11	9	D1	3	AR	AR	- 36	3.09%	6.84%	7.31%		
EF-10	Style: Large-Cap Value			15	13	11	9	10	13	14	15	15	13	12	13	13	12	11	11	10	11	D1	4	AR	AR	- 6	2.31%	2.83%	1.99%			
	Vanguard Value ETF	VTV	201.31	167,534	14	10	7	12	13	14	14	15	15	14	12	14	14	13	11	10	13	12	D1	3	AR	AR	- 42	2.19%	2.61%	2.85%		
	iShares Russell 1000 Value ETF	IWD	221.85	72,922	13	12	12	7	13	15	15	16	16	15	12	14	13	12	11	10	13	11	D1	4	AR	AR	- 42	2.94%	3.70%	2.35%		
	iShares S&P 500 Value ETF	IVE	215.42	47,532	20	20	18	20	19	17	18	19	19	18	15	16	16	13	12	11	13	12	D2	3	AF	AR	- 40	1.68%	2.13%	-0.55%		
	State Street SPDR Portfolio S&P 500	SPYV	57.71	32,462	20	20	18	20	19	17	18	19	19	18	15	16	16	13	12	11	13	12	D2	3	AF	AR	- 40	1.75%	2.14%	-0.50%		
	Vanguard Russell 1000 Value ETF	VONV	97.35	17,414	13	12	12	12	13	15	15	16	16	15	12	14	13	12	11	10	13	11	D1	3	AR	AR	- 42	2.96%	3.74%	2.42%		

			Relative Strength Ranking - RSR																				% Price Δ						
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
				10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19								
EF-10 Style: Large-Cap Value																													
Schwab U.S. Large-Cap Value ETF	SCHV	31.49	15,359	12	10	9	12	13	14	14	15	15	14	12	14	14	13	12	11	14	13	D1	3	AR	AR	- 43	2.64%	3.08%	3.32%
Vanguard Mega Cap Value ETF	MGV	148.75	11,620	14	11	9	11	12	14	14	15	14	13	12	14	13	13	11	10	13	12	D1	3	AR	AR	- 42	2.25%	2.19%	2.78%
Vanguard S&P 500 Value ETF	VOOV	208.08	6,143	20	20	18	20	19	17	18	19	19	18	14	16	16	13	12	11	13	12	D2	3	AF	AR	- 40	1.75%	2.19%	-0.49%
iShares Russell Top 200 Value ETF	IWX	96.05	3,616	14	14	14	6	13	15	15	17	16	15	11	13	13	12	10	9	12	11	D1	4	AR	AR	- 43	3.02%	3.10%	1.78%
Invesco Large Cap Value ETF	PWV	71.05	1,408	9	6	5	10	12	13	15	17	17	16	14	17	19	14	12	12	14	12	U3	1	AR	AR	- 45	1.76%	3.94%	5.30%
First Trust Large Cap Value AlphaDEX FTA		93.12	1,276	7	5	3	9	10	10	12	13	11	12	12	13	14	12	11	10	12	11	D1	3	AR	AR	- 41	0.89%	2.51%	5.23%
iShares Morningstar Value ETF	ILCV	95.45	1,193	19	20	20	18	17	17	18	19	19	17	13	15	14	12	10	8	11	10	D2	3	AF	AR	- 41	2.10%	2.16%	-0.65%
Invesco S&P 500 Concentrated QVM E QVMT		61.95	126	6	5	4	8	9	10	12	15	13	13	12	14	15	11	9	8	11	10	D1	3	AR	AR	- 43	3.17%	3.93%	6.27%
Xtrackers Russell 1000 US Quality at a QARP		61.04	73	17	18	19	13	14	16	18	18	18	16	13	15	15	13	12	10	13	11	D2	2	AF	AR	- 41	2.93%	2.47%	0.87%
Royce Quant Small-Cap Quality Value	SQLV	45.68	25	12	10	11	16	19	17	19	17	17	15	14	14	14	13	15	12	13	11	D1	4	AR	AR	- 38	2.65%	5.35%	1.84%
EF-11 Style: Mid-Cap Value																													
Vanguard Mid-Cap Value ETF	VOE	189.07	21,805	13	12	12	18	16	15	15	14	13	9	12	13	12	11	11	11	11	10	D1	1	AR	AR	- 6	2.75%	4.94%	1.87%
iShares Russell Mid-Cap Value ETF	IWS	151.50	14,559	12	7	5	12	13	13	13	15	14	15	13	14	14	13	12	11	14	12	D1	3	AR	AR	- 41	2.07%	3.76%	3.81%
iShares S&P Mid-Cap 400 Value ETF	IJJ	137.58	8,255	11	9	11	10	14	15	14	15	16	15	14	14	14	13	13	12	14	13	D1	4	AR	AR	- 41	2.75%	4.89%	3.57%
Vanguard S&P Mid-Cap 400 Value ETI IVOV		106.01	1,234	16	17	20	25	24	22	18	16	15	14	14	14	13	13	13	12	13	12	D2	3	AR	AR	- 40	3.22%	5.56%	0.12%
Invesco S&P MidCap Value with Mome XMVM		67.31	434	17	18	20	25	25	21	18	14	14	10	16	15	12	12	18	19	18	16	D2	3	AR	AR	- 6	3.28%	5.59%	0.16%
				11	7	5	13	16	15	18	15	13	11	12	13	12	10	8	7	8	8	D1	4	AR	AR	- 40	2.42%	5.60%	2.29%
EF-12 Style: Small-Cap Value																													
Vanguard Small Cap Value ETF	VBR	224.78	33,729	10	9	7	15	15	14	14	10	10	7	10	10	9	10	11	11	10	10	D1	4	AR	AR	- 6	3.31%	6.15%	3.34%
iShares Russell 2000 Value ETF	IWN	199.34	12,867	13	12	12	18	17	16	15	15	15	14	13	13	12	12	12	11	13	11	D1	1	AR	AR	- 39	2.84%	4.82%	1.81%
iShares S&P Small-Cap 600 Value ETI IJS		122.88	7,373	6	6	6	13	15	15	14	14	13	12	10	9	9	10	11	8	10	8	D1	4	AR	AR	- 38	3.72%	7.09%	4.59%
State Street SPDR S&P 600 Small Cap SLVY		98.10	4,214	10	10	6	14	16	15	15	14	13	11	11	10	9	9	11	8	10	9	D1	4	AR	AR	- 37	3.32%	6.13%	2.28%
Vanguard S&P Small-Cap 600 Value E VIOV		105.53	1,621	9	9	6	14	16	15	16	14	13	11	10	10	9	9	11	8	10	9	D1	4	AR	AR	- 37	3.33%	6.28%	2.32%
Vanguard Russell 2000 Value ETF	VTWV	175.63	1,104	6	6	6	14	15	15	14	14	13	12	10	9	9	10	11	8	10	8	D1	4	AR	AR	- 38	3.71%	7.16%	4.59%
Opus Small Cap Value ETF	OSCV	40.92	675	7	8	11	12	14	15	17	15	14	15	16	17	17	18	19	16	18	16	D1	3	AR	AR	- 39	3.55%	5.73%	7.29%
iShares Morningstar Small Cap Value E ISCV		71.82	625	14	14	15	21	20	17	17	15	15	14	13	12	12	11	11	9	11	10	D2	3	AR	AR	- 39	2.78%	5.11%	0.58%
Invesco S&P SmallCap Value with Mor XSVM		63.05	588	5	5	5	14	17	16	16	14	12	10	11	13	12	12	12	10	11	10	D1	4	AR	AR	- 38	3.23%	8.73%	6.22%
EF-13 Style: Multi-Cap Value																													
iShares Core S&P US Value ETF	IUSV	104.42	24,685	15	12	12	12	14	13	15	15	14	12	11	12	12	10	10	10	10	10	D1	1	AR	AR	- 6	2.44%	3.68%	1.47%
Fidelity Value Factor ETF	FVAL	71.97	1,137	19	20	18	19	19	17	18	19	19	18	14	16	16	13	12	11	13	12	D2	3	AF	AR	- 40	1.80%	2.32%	-0.40%
JPMorgan U.S. Value Factor ETF US \ JVAL		50.81	686	20	25	26	25	24	23	22	20	21	18	13	15	15	12	9	8	11	10	D2	4	AF	AR	- 42	2.99%	2.73%	-2.27%
State Street SPDR S&P 1500 Value Til IJLU		223.02	656	17	17	20	19	19	19	18	17	17	15	13	14	13	11	11	9	11	10	D2	3	AR	AR	- 41	2.92%	4.19%	0.15%
Alpha Architect US Quantitative Value I QVAL		53.43	507	12	10	10	12	13	15	16	17	16	14	13	14	14	12	11	10	12	11	D1	3	AR	AR	- 42	2.92%	4.03%	2.88%
First Trust Multi Cap Value AlphaDEX F FAB		96.45	135	6	4	9	9	11	11	12	12	11	10	10	10	10	9	9	7	9	9	D1	3	AR	AR	- 40	2.22%	5.66%	5.00%
				7	5	4	10	11	12	13	13	12	12	12	13	13	12	12	11	13	11	D1	3	AR	AR	- 39	1.78%	3.89%	4.26%
THEMATIC																													
EF-14 Equity Income																													
Vanguard Dividend Appreciation ETF	VIG	221.47	102,364	16	11	7	8	9	9	13	14	14	13	12	14	14	14	13	13	13	13	D1	4	BR	AR	- 5	1.46%	1.96%	2.73%
Schwab US Dividend Equity ETF	SCHD	30.56	85,747	22	25	25	25	24	23	22	22	20	18	16	18	17	15	13	12	14	12	D2	3	AF	AR	- 43	2.52%	2.20%	-1.08%
Vanguard High Dividend Yield Index E VYM		152.06	74,793	6	4	3	6	7	7	9	9	9	8	9	13	14	14	13	14	15	14	D1	2	BR	AR	- 37	0.00%	0.06%	7.95%
iShares Core Dividend Growth ETF	DGRO	71.77	38,623	13	11	7	6	13	14	15	15	15	14	13	16	15	14	12	11	14	11	D1	4	AR	AR	- 42	2.67%	3.05%	3.87%
iShares Select Dividend ETF	DVY	152.44	22,531	18	16	15	15	15	16	17	17	17	15	14	16	15	14	12	11	13	12	D2	2	AR	AR	- 42	2.08%	2.16%	1.60%
First Trust Rising Dividend Achievers ERDVY		72.11	21,034	12	5	4	4	10	12	13	14	12	14	12	15	15	15	13	13	14	13	D1	3	AR	AR	- 40	0.51%	2.02%	5.48%
State Street SPDR S&P Dividend ETF	SDY	147.31	20,845	14	22	24	18	24	24	20	18	19	16	12	14	12	10	10	8	11	10	D2	3	AR	AR	- 42	4.67%	5.95%	-0.52%
iShares Core High Dividend ETF	HDV	133.98	13,525	17	10	5	12	11	11	12	14	13	14	13	16	16	16	16	15	18	15	D1	3	BF	AR	- 42	0.81%	-0.24%	3.23%
				9	4	3	3	7	8	10	12	10	11	10	14	16	17	15	15	18	15	D1	1	BR	AR	- 120	-0.01%	-0.74%	9.04%

		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
				10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19								
EF-14 Equity Income																													
ProShares S&P 500 Dividend Aristocrats NOBL		107.15	11,181	20	19	15	20	14	14	13	16	15	14	13	15	15	16	16	14	16	14	D2	2	BF	AR	- 39	1.15%	0.25%	0.54%
First Trust SMID Cap Rising Dividend / SDVY		41.20	10,588	12	13	15	17	15	15	14	14	14	13	13	14	13	13	13	11	13	11	D1	1	AR	AR	- 39	3.70%	4.85%	2.92%
First Trust Value Line Dividend Index F FVD		47.93	8,232	18	14	12	14	13	13	14	17	16	18	15	18	19	18	16	14	17	15	D1	3	BR	AR	- 45	1.22%	0.91%	3.18%
First Trust Morningstar Dividend Leaders FDL		49.82	7,291	5	2	2	5	6	6	8	9	8	8	9	13	14	14	12	12	14	13	U3	20	BR	AR	- 121	-1.07%	0.52%	10.30%
First Trust Preferred Securities & Income FPE		18.03	6,319	25	22	20	19	20	24	25	24	26	25	19	20	21	18	15	14	15	15	D2	3	AF	AR	- 45	1.07%	0.79%	-0.21%
WisdomTree U.S. LargeCap Dividend IDLN		91.52	5,812	17	15	15	14	13	15	18	18	17	16	14	17	17	15	13	12	14	13	D1	3	AR	AR	- 44	2.17%	2.12%	2.35%
WisdomTree U.S. MidCap Dividend Fund DON		54.17	3,819	17	16	16	22	20	17	18	17	16	16	16	17	17	16	16	15	16	14	D2	3	AR	AR	- 39	2.52%	4.01%	1.49%
FT Vest S&P 500 Dividend Aristocrats KNG		49.21	3,382	23	21	17	21	15	15	14	17	16	15	14	16	16	16	15	14	16	14	D2	2	BF	AR	- 39	1.03%	0.16%	-0.20%
VanEck Preferred Securities ex Financial PFXX		17.86	2,147	20	19	17	19	16	16	22	20	19	21	15	15	17	15	13	14	14	14	D2	2	AF	AR	- 41	1.42%	0.97%	-0.31%
WisdomTree U.S. SmallCap Dividend IDES		37.49	2,026	5	5	4	11	13	12	14	13	12	12	14	13	14	13	14	13	14	12	D1	3	AR	AR	- 35	3.39%	6.77%	7.50%
WisdomTree U.S. Total Dividend Fund DTD		88.54	1,527	17	14	15	14	14	15	18	17	17	16	14	17	17	15	13	12	14	13	D1	3	AR	AR	- 43	2.24%	2.38%	2.53%
WisdomTree U.S. High Dividend Fund DHS		109.58	1,441	12	5	4	9	10	10	12	13	11	12	12	15	15	15	13	13	14	14	D1	3	BR	AR	- 43	0.82%	1.47%	5.89%
ALPS Sector Dividend Dogs ETF SDOG		65.27	1,339	10	5	4	4	10	9	12	13	11	13	12	14	15	14	13	12	14	13	D1	3	BR	AR	- 41	0.38%	1.60%	5.36%
Invesco High Yield Equity Dividend Act PEY		21.31	1,002	18	6	5	15	16	16	20	18	17	16	14	18	19	17	19	18	20	17	D1	3	BF	AR	- 14	-1.19%	2.19%	1.43%
Invesco S&P Ultra Dividend Revenue Fund DIV		54.75	944	17	6	4	9	12	12	16	16	14	14	14	16	18	14	13	13	14	11	D1	2	BR	AR	- 39	-1.05%	1.32%	2.64%
Invesco Dividend Achievers ETF PFM		52.42	742	20	22	22	22	19	19	20	20	19	18	15	18	17	15	13	12	14	13	D2	3	AF	AR	- 43	2.20%	1.80%	-0.05%
Global X SuperDividend US ETF DIV		19.24	731	6	9	7	7	8	8	11	12	11	13	12	16	16	17	16	17	18	15	D1	1	AR	AR	- 20	1.25%	2.22%	10.44%
Invesco KBW High Dividend Yield Fund KBWD		12.87	432	27	27	27	28	28	28	28	25	23	23	15	13	11	14	13	14	14	14	D3	1	AF	BF	- 37	1.66%	4.25%	-6.09%
WisdomTree U.S. AI Enhanced Value IAIVL		120.52	389	15	14	16	13	14	16	16	18	18	18	14	16	17	16	15	14	16	15	D1	3	AR	AR	- 44	2.65%	3.02%	2.66%
VictoryShares Dividend Accelerator ETF VSDA		55.33	232	18	18	13	18	13	14	13	15	13	14	14	16	17	17	17	16	18	15	D1	3	BR	AR	- 40	2.13%	1.27%	2.50%
Siren DIVCON Leaders Dividend ETF LEAD		81.52	71	12	20	22	15	20	20	19	18	19	18	15	16	14	14	15	13	15	14	D2	3	AR	AR	- 44	4.97%	5.64%	2.75%
WBI Power Factor High Dividend ETF WBIY		33.65	57	14	5	9	9	11	9	12	13	11	12	11	14	15	13	12	11	12	11	D1	2	BR	AR	- 40	-0.81%	1.46%	3.16%
First Trust S&P 500 Diversified Dividend KNGZ		36.61	57	20	19	17	22	20	16	18	17	16	15	13	16	15	13	13	12	14	12	D2	3	BF	AR	- 41	1.31%	2.29%	-1.03%
Global X S&P 500 Quality Dividend ETF QDIV		36.52	32	18	13	10	12	12	12	13	15	13	13	13	15	17	16	16	15	17	14	D1	2	BR	AR	- 37	0.23%	0.39%	2.80%
EF-15 Low Volatility																													
iShares MSCI USA Min Vol Factor ETF USMV		92.75	22,640	18	16	16	14	13	14	19	20	19	19	15	17	18	16	14	13	13	13	D2	2	AR	AR	- 5	1.25%	0.98%	1.28%
Global X NASDAQ 100 Covered Call E QYLD		17.60	8,199	27	23	22	20	16	17	22	25	24	24	19	21	22	21	18	15	18	16	D2	3	BF	BF	- 125	-0.65%	-2.04%	-1.59%
Invesco S&P 500 Low Volatility ETF SPLV		74.19	7,320	18	13	13	13	12	13	16	19	19	22	18	21	21	23	20	19	22	20	D1	3	BR	AR	- 11	0.38%	-0.63%	3.84%
Global X S&P 500 Covered Call ETF XYLD		39.93	3,099	18	16	17	13	14	16	21	20	21	19	14	16	16	13	10	9	12	11	D2	2	AF	AR	- 38	1.42%	1.36%	0.15%
First Trust BuyWrite Income ETF FTHI		23.66	2,121	18	18	20	21	22	26	24	22	23	23	17	18	19	16	13	12	14	13	D2	3	AR	AR	- 41	2.34%	3.53%	1.05%
Fidelity Low Volatility Factor ETF FDLO		66.45	1,372	26	25	25	24	24	21	23	24	25	22	16	19	19	16	14	12	15	14	D2	4	AF	AR	- 42	1.96%	1.21%	-1.54%
State Street SPDR US Large Cap Low LGLV		180.92	1,140	19	15	15	15	13	14	17	19	19	19	16	18	19	18	17	15	18	16	D1	3	BF	AR	- 123	0.73%	0.35%	1.34%
First Trust Nasdaq BuyWrite Income ETF FTQI		20.80	807	15	16	20	16	19	24	25	25	26	23	15	16	17	15	12	9	11	11	D2	3	AR	AR	- 40	3.02%	4.34%	2.45%
Invesco S&P MidCap Low Volatility ETF XMLV		65.17	742	17	15	17	20	13	14	18	19	19	19	19	20	19	18	18	16	18	16	D1	3	AR	AR	- 46	2.29%	1.22%	3.18%
VictoryShares US 500 Volatility Wtd ETF CFA		93.53	524	18	20	19	20	19	17	18	19	19	19	16	18	18	16	15	14	16	14	D2	2	AR	AR	- 42	1.71%	2.19%	0.32%
State Street SPDR Russell 1000 Low Vol ONEV		137.03	521	20	17	18	22	17	16	18	18	18	18	17	17	17	16	16	14	15	14	D2	3	BR	AR	- 42	1.29%	1.82%	0.22%
WisdomTree Equity Premium Income Fund WTPI		32.65	449	22	23	22	18	18	22	22	22	23	20	14	16	16	14	12	9	12	11	D2	3	AF	AR	- 42	1.97%	1.25%	-1.29%
VictoryShares US 500 Enhanced Volatility CFO		75.72	401	19	20	19	20	19	17	18	19	19	19	16	18	18	16	15	14	16	14	D2	2	AF	AR	- 42	1.59%	2.11%	0.20%
Vanguard U.S. Minimum Volatility ETF VFMV		136.05	398	17	12	12	12	13	14	16	19	19	19	15	19	19	17	16	14	16	14	D1	3	AR	AR	- 124	1.28%	1.22%	2.74%
AGF U.S. Market Neutral Anti-Beta Fund BTAL		13.27	386	30	27	22	22	23	26	30	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 22	-5.08%	-7.85%	-4.26%
iShares MSCI USA Small-Cap Min Vol SMMV		44.48	280	18	12	15	17	13	14	18	19	19	19	17	17	18	16	16	13	14	14	D1	3	BR	AR	- 45	0.44%	0.88%	1.21%
Invesco S&P SmallCap Low Volatility ETF XSLV		49.37	240	12	12	12	17	14	15	18	18	17	15	15	18	17	17	16	14	15	14	D1	3	AR	AR	- 34	3.60%	4.54%	4.76%
State Street SPDR US Small Cap Low SMLV		142.94	216	6	6	5	12	13	14	16	15	15	13	12	14	13	14	15	12	13	11	D1	3	AR	AR	- 39	3.21%	6.02%	6.13%
VictoryShares US Multi-Factor Minimum VSMV		57.32	149	17	14	12	10	11	13	15	18	16	16	13	14	14	12	11	9	11	10	D1	2	BR	AR	- 44	0.95%	0.60%	1.19%
Innovator U.S. Equity Ultra Buffer ETF UJUL		39.27	141	20	21	20	16	19	24	25	25	26	24	24	26	25	24	22	21	22	21	D2	3	AR	AR	- 30	1.98%	2.04%	0.73%



				Relative Strength Ranking - RSR																			% Price Δ							
			MKT	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)																		CYCLE	DAY	DAY	MACD	1 week	1 month	3 month		
EF-15	Low Volatility																													
	Franklin Income Equity Focus ETF	INCE	65.43	118	8	5	9	8	9	10	12	13	12	13	10	12	13	13	12	11	13	12	D1	2	AR	AR	- 42	1.08%	1.66%	6.01%
	First Trust Horizon Managed Volatility C	HUSV	38.77	72	27	22	22	22	17	17	22	25	26	25	20	21	22	23	21	19	22	21	D2	3	BF	BF	- 9	0.10%	-0.96%	-0.29%
EF-16	Volatility				21	4	2	2	4	3	28	29	28	30	25	28	28	29	28	27	28	28	U3	2	BR	BF	+ 11	-4.41%	-4.90%	8.94%
	Invesco S&P 500 High Beta ETF	SPHB	122.25	612	13	19	21	15	18	18	16	15	16	15	11	10	9	8	8	6	7	7	D2	3	AR	AR	- 42	4.59%	5.25%	-0.42%
	ProShares Ultra VIX Short-Term Futur	UVXY	41.92	344	30	2	1	1	1	1	30	30	30	30	30	30	30	30	30	30	30	30	U3	1	BR	BF	+ 11	-17.04%	-19.83%	22.39%
	ProShares Short VIX Short-Term Futur	SVXY	48.87	199	29	30	30	30	30	30	27	23	26	19	14	9	5	3	1	1	2	2	D3	2	BF	BR	- 11	5.71%	4.69%	-13.30%
	ProShares VIX Short-Term Futures ET	VIXY	29.75	175	27	2	1	1	2	2	30	30	30	30	30	30	30	30	30	30	30	30	U3	2	BR	BF	+ 11	-11.27%	-12.19%	19.10%
	ProShares VIX Mid-Term Futures ETF	VIXM	16.06	62	22	5	2	2	4	7	27	28	28	29	29	30	30	30	30	30	30	30	U3	2	BR	BF	+ 9	-4.00%	-5.14%	7.21%
EF-17	Momentum				15	19	22	21	21	23	18	18	19	18	13	14	13	12	11	11	11	12	D2	3	AR	AR	- 6	3.93%	4.97%	1.47%
	iShares MSCI USA Momentum Factor	MTUM	263.44	22,248	12	25	26	27	27	28	25	25	28	27	18	20	19	17	15	13	15	16	D3	3	AR	AR	- 47	7.15%	8.31%	2.60%
	Invesco S&P 500 Momentum ETF	SPMO	123.34	14,322	14	27	27	27	26	27	27	25	28	28	20	24	22	20	16	13	16	15	D3	5	AR	AR	- 47	7.50%	6.46%	3.05%
	First Trust Dorsey Wright Focus 5 ETF	FV	62.95	3,365	26	27	26	27	27	27	22	20	22	18	13	12	12	12	12	14	14	D2	4	AF	AR	- 40	3.21%	3.93%	-4.92%	
	Pacer Trendpilot US Large Cap ETF	PTLC	53.65	3,098	28	28	27	27	26	26	25	24	26	23	19	21	21	17	16	9	18	15	D3	2	BF	BR	- 21	1.87%	-0.55%	-5.17%
	Main Sector Rotation ETF	SECT	63.08	2,416	26	27	27	27	27	27	25	25	27	24	17	17	18	13	12	9	12	11	D3	3	AF	AR	- 42	3.38%	2.84%	-3.82%
	JPMorgan U.S. Momentum Factor ETF	JMOM	71.75	2,031	13	17	22	19	19	23	22	22	22	22	16	17	17	15	13	12	14	14	D2	3	AR	AR	- 44	3.85%	4.69%	2.57%
	VictoryShares US Small Mid Cap Value	USVM	98.78	1,487	7	13	13	15	16	16	16	15	14	13	13	13	12	12	12	10	12	11	D1	3	AR	AR	- 40	3.47%	6.48%	3.78%
	Vanguard U.S. Momentum Factor ETF	VFMO	211.62	1,455	6	11	18	20	19	22	15	17	17	16	13	10	10	12	12	10	12	11	D1	1	AR	AR	- 42	5.45%	8.23%	5.25%
	Invesco Dorsey Wright Momentum ET	PDP	130.60	1,392	5	10	18	12	16	20	13	12	15	16	18	15	10	18	20	24	19	19	D1	1	AR	AR	- 6	6.08%	8.34%	7.38%
	Pacer Trendpilot 100 ETF	PTNQ	75.16	1,176	28	29	27	27	26	26	27	28	28	26	21	21	23	17	17	7	16	15	D3	4	BF	BR	- 21	2.30%	-1.03%	-6.39%
	Fidelity Momentum Factor ETF	FDMO	84.80	784	19	27	27	27	27	28	25	25	27	25	15	16	14	13	12	10	13	13	D3	2	AF	AR	- 44	4.71%	5.02%	-2.13%
	Alpha Architect U.S. Quantitative Mom	QMOM	73.81	413	4	6	11	14	16	17	8	9	14	16	17	9	8	16	16	21	19	21	D1	4	AR	AR	+ 1	6.10%	10.21%	8.39%
	Pacer Trendpilot US Mid Cap ETF	PTMC	38.16	391	12	14	16	19	19	17	14	14	14	12	17	14	10	15	17	14	19	19	D1	1	AR	AR	- 6	3.39%	5.53%	2.17%
	Invesco Dorsey Wright SmallCap Mom	DWAS	105.49	383	6	6	16	21	24	20	16	16	18	14	15	8	7	8	13	7	5	5	D1	1	AR	AR	- 9	4.17%	10.53%	5.69%
	First Trust Managed Futures Strategy F	FMF	51.56	263	6	4	4	8	9	11	17	18	21	19	17	18	17	16	14	15	15	15	U3	15	AR	AR	- 35	0.06%	1.72%	7.29%
	VictoryShares US Value Momentum E	VLVM	98.68	242	8	12	12	12	12	13	14	15	14	15	14	16	14	14	12	11	13	12	D1	2	AR	AR	- 42	2.32%	3.74%	5.49%
	State Street SPDR S&P 1500 Momenti	MMTM	298.02	161	17	25	26	25	24	27	25	22	24	22	15	18	17	14	12	10	13	13	D2	4	AR	AR	- 41	4.86%	4.54%	0.34%
	First Trust Dorsey Wright Dynamic Foc	FVC	36.27	100	27	27	26	27	28	28	22	22	23	19	15	14	10	15	17	22	20	22	D2	5	AF	AR	- 8	3.13%	3.99%	-5.01%
	State Street SPDR Russell 1000 Mom	ONEO	138.31	26	12	10	11	13	14	15	15	17	16	16	14	15	15	14	13	12	14	14	D1	3	AR	AR	- 42	2.74%	4.28%	3.25%
	Pacer CFRA-Stovall Equal Weight Sea	SZNE	36.96	13	15	14	17	17	14	13	14	15	14	15	14	13	14	13	14	13	15	14	D1	1	AR	AR	- 17	2.80%	3.55%	0.91%
EF-18	Quality				21	25	26	24	24	23	22	22	22	19	15	16	16	13	12	12	11	12	D2	4	AF	AR	- 9	2.93%	2.79%	-1.20%
	iShares MSCI USA Quality Factor ETF	QUAL	199.47	48,322	22	27	26	24	24	24	22	22	23	21	15	16	16	13	12	10	13	12	D2	4	AF	AR	- 41	3.27%	2.43%	-2.05%
	Invesco S&P 500 Quality ETF	SPHQ	78.76	16,718	14	19	18	14	16	16	14	17	17	16	14	17	16	14	13	11	14	13	D1	1	AR	AR	- 45	3.96%	4.08%	2.21%
	JPMorgan U.S. Quality Factor ETF	JQUA	62.88	7,052	26	25	26	22	24	24	23	25	26	24	18	19	19	16	15	12	14	14	D2	3	AF	AR	- 44	1.75%	1.41%	-2.14%
	Fidelity Quality Factor ETF	FQAL	75.20	1,312	25	27	26	27	26	25	23	23	26	23	17	19	19	16	13	11	14	13	D3	1	AF	AR	- 44	2.93%	2.15%	-1.78%
	FlexShares US Quality Large Cap Inde	QLC	81.86	843	18	25	26	23	24	24	22	22	23	19	14	16	15	13	10	8	11	10	D2	4	AF	AR	- 43	3.65%	3.57%	-0.60%
	Vanguard U.S. Quality Factor ETF	VFQY	153.10	429	26	25	26	26	26	24	23	22	23	18	16	16	17	14	13	11	13	12	D2	3	BF	AR	- 41	1.73%	2.40%	-3.08%
	Invesco S&P SmallCap Quality ETF	XSHQ	43.60	242	18	23	23	27	26	27	23	22	20	18	19	18	19	17	17	14	16	14	D2	4	AR	AR	- 38	3.22%	4.87%	0.21%
EF-19	Multi-factor				17	15	15	17	15	14	17	16	15	15	13	14	14	13	12	12	12	12	D1	1	AR	AR	- 6	2.46%	3.32%	1.75%
	WisdomTree US Quality Dividend Grov	DGRW	90.41	15,835	22	25	25	24	21	22	22	21	21	20	17	19	19	16	15	13	15	14	D2	3	AF	AR	- 41	2.67%	1.55%	-0.70%
	TR Activebeta US Large Cap Equity E	GSLC	130.35	14,280	26	27	27	27	27	27	25	25	28	24	18	19	19	15	13	11	14	13	D3	3	AF	AR	- 43	3.23%	2.85%	-2.88%
	iShares MSCI USA Value Factor ETF	VLUE	152.14	10,863	4	5	4	3	9	10	10	9	9	7	6	7	7	6	6	5	7	6	D1	4	AR	AR	- 42	4.77%	5.60%	5.93%
	First Trust RBA American Industrial Re	AIRR	120.34	9,218	1	4	3	9	10	10	6	5	5	5	7	6	5	7	8	7	10	8	D1	3	AR	AR	- 42	6.62%	10.92%	11.91%

		Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19									
EF-19	Multi-factor																													
	State Street SPDR Portfolio S&P 500 I SPYD	45.76	7,166	15	6	5	12	11	10	13	14	13	15	15	17	18	17	16	15	18	16	D1	3	BR	AR	- 38	0.28%	0.95%	4.25%	
	John Hancock Multifactor Mid Cap ETF JHMM	69.54	5,061	14	13	15	15	16	16	13	14	14	13	16	14	12	15	16	12	19	16	D1	1	AR	AR	- 6	2.67%	4.34%	2.04%	
	Invesco Russell 1000 Dynamic Multifac OMFL	62.77	4,359	18	22	22	20	19	24	22	21	23	21	15	16	17	14	13	12	14	13	D2	3	AR	AR	- 45	3.26%	3.05%	-0.30%	
	iShares U.S. SmallCap Equity Factor E SMLF	78.41	3,438	16	17	21	20	22	26	26	20	18	19	18	15	14	13	12	12	11	12	11	D2	4	AR	AR	- 40	2.86%	5.62%	0.04%
	Invesco S&P 500 High Dividend Low V SPHD	49.61	3,288	19	12	6	13	13	11	14	16	15	18	15	19	20	21	18	17	20	17	D1	3	BF	AR	- 37	0.02%	-0.22%	3.41%	
	iShares U.S. Equity Factor ETF LRGF	68.63	3,023	26	27	27	27	27	27	27	25	28	25	19	20	20	17	14	12	14	13	D3	4	AF	AR	- 43	3.20%	2.91%	-2.18%	
	Principal U.S. Mega-Cap ETF USMC	67.15	3,014	26	28	27	27	27	27	27	29	28	28	20	21	21	17	14	11	14	13	D3	5	AF	AR	+ 3	4.17%	2.44%	-2.16%	
	Invesco S&P 500 GARP ETF SPGP	112.18	2,139	26	28	27	27	28	27	25	24	27	22	18	19	20	15	14	12	14	14	D3	2	AF	AR	- 41	3.85%	4.12%	-4.21%	
	FlexShares Quality Dividend Index Fun QDF	81.80	2,032	20	24	24	22	24	21	22	21	22	19	15	18	17	15	12	10	13	11	D2	3	AF	AR	- 42	2.89%	2.89%	-0.14%	
	Principal U.S. Small-Cap ETF PSC	59.84	1,885	17	21	22	25	26	26	22	19	19	18	14	13	13	12	12	10	11	10	D2	3	AF	AR	- 41	3.40%	5.43%	-0.66%	
	ProShares S&P MidCap 400 Dividend REGL	89.80	1,737	12	12	13	22	13	15	15	15	15	14	15	16	15	16	16	14	15	14	D1	1	AR	AR	- 41	2.97%	3.61%	3.61%	
	State Street SPDR MSCI USA Strategi QUS	175.77	1,447	22	23	23	20	17	18	20	21	20	19	19	21	22	19	19	17	17	18	D2	3	AF	AR	- 6	1.72%	1.10%	-0.84%	
	WisdomTree U.S. LargeCap Fund EPS	71.10	1,394	20	25	26	25	24	26	25	23	26	22	15	18	18	14	12	10	13	12	D3	1	AF	AR	- 42	3.60%	3.42%	-1.20%	
	John Hancock Multifactor Large Cap E JHML	81.41	1,060	18	24	25	23	23	21	21	20	21	19	17	19	18	16	16	11	18	15	D2	4	AF	AR	- 12	3.16%	3.29%	-0.48%	
	ALPS O'Shares US Small-Cap Quality OUSM	45.42	882	18	22	22	25	24	20	20	19	18	18	17	19	19	17	18	15	16	15	D2	3	AR	AR	- 39	2.95%	3.64%	0.83%	
	State Street SPDR Russell 1000 Yield I ONEY	122.42	847	12	6	5	12	12	12	12	14	13	14	14	14	14	14	14	14	15	13	D1	3	AR	AR	- 40	1.64%	3.21%	4.15%	
	Vanguard U.S. Value Factor ETF VFVA	137.12	774	17	12	11	13	15	14	15	15	14	12	12	12	13	10	10	8	10	9	D1	4	BF	AR	- 40	1.44%	3.11%	-0.08%	
	ALPS O'Shares U.S. Quality Dividend I OUSA	56.38	739	27	27	25	25	24	19	21	22	22	19	16	18	18	15	14	12	14	13	D2	3	BF	BR	- 41	1.00%	-0.25%	-3.60%	
	VictoryShares US EQ Income Enhance CDC	71.75	725	10	11	9	9	9	10	12	14	12	14	13	16	18	17	16	15	17	14	D1	1	AR	AR	- 40	0.86%	1.25%	7.66%	
	John Hancock Multifactor Small Cap E JHSC	44.71	693	14	17	18	22	21	19	15	14	12	8	14	11	9	11	19	13	19	15	D2	3	AR	AR	- 6	3.38%	5.15%	0.97%	
	ProShares Russell 2000 Dividend Grov SMDV	72.21	656	7	10	10	20	16	15	18	15	13	14	13	16	15	16	18	14	15	13	D1	3	AR	AR	- 35	3.97%	6.24%	5.91%	
	Franklin U.S. Low Volatility High Divide LVHD	43.03	615	14	6	4	4	5	5	11	14	12	15	15	19	20	21	19	18	20	18	D1	2	BR	AR	- 119	0.72%	-0.26%	6.67%	
	Vanguard U.S. Multifactor ETF VFMF	161.90	564	6	6	5	12	13	13	14	14	13	12	11	12	12	10	9	8	10	9	D1	3	AR	AR	- 41	3.19%	5.50%	4.32%	
	Hartford Multifactor US Equity ETF ROUS	60.97	552	14	10	12	12	13	16	17	18	17	18	14	16	16	15	13	11	13	13	D1	3	AR	AR	- 43	1.87%	2.86%	3.43%	
	FlexShares Quality Dividend Defensive QDEF	81.98	506	20	22	22	22	19	18	21	21	22	19	16	19	18	16	13	11	14	13	D2	3	AF	AR	- 44	2.11%	1.81%	0.21%	
	JPMorgan Diversified Return Use Equil JPUS	134.44	427	8	6	5	11	11	12	12	15	15	15	14	16	16	16	14	13	15	14	D1	3	AR	AR	- 42	2.28%	3.30%	6.12%	
	First Trust Multi Cap Growth AlphaDEX FAD	168.58	421	17	24	26	27	27	27	22	22	22	21	16	14	14	13	12	10	12	11	D2	4	AR	AR	- 42	4.37%	6.27%	-0.07%	
	JPMorgan Diversified Return U.S. Mid JPME	118.27	420	7	6	5	12	12	13	13	15	15	15	14	16	15	15	14	13	14	14	D1	3	AR	AR	- 41	2.21%	4.50%	6.17%	
	VictoryShares US Large Cap High Divi CDL	74.87	378	10	11	9	9	9	10	12	14	12	14	13	16	18	17	16	15	17	14	D1	1	AR	AR	- 40	0.88%	1.25%	7.62%	
	WisdomTree US Smallcap Quality Divi DGRS	55.21	370	6	6	5	12	13	12	13	12	12	11	12	13	14	14	15	13	14	12	D1	3	AR	AR	- 36	3.73%	6.20%	6.66%	
	WisdomTree U.S. Multifactor Fund USMF	49.92	349	27	26	26	26	26	26	25	28	28	27	21	21	22	20	18	15	18	16	D3	3	BF	BF	- 44	0.10%	0.11%	-3.42%	
	American Century U.S. Quality Value E VALQ	65.01	299	27	25	21	21	20	17	18	18	18	16	13	15	15	13	12	10	13	11	D2	3	BF	AR	- 40	0.26%	-0.76%	-4.75%	
	Invesco Russell 2000 Dynamic Multifac OMFS	47.66	264	11	14	15	23	24	18	18	17	16	14	12	12	11	12	12	10	11	9	D1	1	AR	AR	- 41	4.04%	7.24%	2.69%	
	Xtrackers Russell US Multifactor ETF DEUS	61.56	243	15	12	11	12	14	15	15	17	16	16	15	16	16	15	15	13	15	14	D1	4	AR	AR	- 43	1.99%	3.03%	2.58%	
	PIMCO RAFI Dynamic Multi-Factor U.S MFUS	60.24	236	12	10	13	12	13	14	15	17	16	15	14	16	15	14	13	12	14	13	D1	3	AR	AR	- 44	2.76%	3.52%	3.83%	
	First Trust Dorsey Wright International IFV	26.95	236	6	14	21	24	16	15	11	13	13	13	10	11	14	13	11	11	14	14	D1	1	AR	AR	- 56	5.86%	6.99%	4.68%	
	Cambria Global Momentum ETF GMOM	36.91	137	6	5	5	11	10	9	9	10	11	11	8	8	10	10	9	7	11	11	D1	3	AR	AR	- 44	2.60%	3.62%	6.79%	
	Invesco S&P 500 Value with Momentum SPVM	70.09	116	16	9	7	13	13	13	15	16	15	14	13	15	14	12	10	8	11	10	D1	3	AR	AR	- 41	1.04%	2.13%	1.66%	
	Cambria Value & Momentum ETF VAMO	35.14	82	18	7	4	5	16	21	22	18	17	16	14	14	13	12	10	9	10	10	D1	4	BR	AR	- 43	-0.94%	2.54%	-0.35%	
	ALPS Dynamic US Dividend Advantage RFDA	64.77	78	18	18	19	22	23	24	25	23	26	21	16	18	19	16	13	11	14	13	D2	4	AR	AR	- 42	2.35%	3.71%	1.47%	
	Invesco S&P SmallCap High Dividend XSHD	13.45	76	16	13	15	23	20	16	22	21	19	18	15	16	15	18	19	19	21	18	D1	1	AF	AR	- 12	1.89%	3.98%	2.41%	
	First Trust Dorsey Wright Momentum & DDIV	42.45	66	18	23	26	27	27	26	21	17	17	14	15	17	10	12	10	12	7	10	D2	4	AF	AR	- 7	3.78%	6.87%	-0.76%	
	First Trust Lunt U.S. Factor Rotation E FCTR	35.74	50	27	21	20	22	23	21	21	20	20	21	15	14	13	13	12	12	14	13	D2	3	BF	AR	- 42	-0.31%	0.30%	-4.41%	
	Arrow Dow Jones Global Yield ETF GYLD	14.04	27	12	5	4	4	11	11	16	18	18	19	15	16	19	18	13	14	16	15	U3	19	AR	AR	- 60	0.43%	2.53%	6.24%	
	Acquirers Small and Micro Deep Value DEEP	38.05	25	12	10	11	19	24	18	18	15	19	16	12	12	12	12	14	12	14	11	D1	1	AR	AR	- 39	2.86%	6.82%	1.57%	



		Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19									
EF-20	Socially Responsible/ESG				16	17	21	20	17	19	17	15	15	16	12	11	12	11	9	10	10	10	D2	3	AR	AR	- 7	3.41%	4.35%	1.76%
	iShares ESG Aware MSCI USA ETF	ESGU	147.48	15,544	25	27	27	27	27	27	25	25	27	24	16	18	19	15	12	10	13	12	D3	2	AF	AR	- 42	3.35%	2.86%	-2.37%
	iShares ESG Aware MSCI EAFE ETF	ESGD	100.65	11,233	12	16	24	25	19	17	10	10	11	13	10	14	13	14	12	12	15	16	D2	3	AR	AR	- 6	4.18%	5.89%	2.77%
	iShares ESG Aware MSCI EM ETF	ESGE	48.51	6,326	6	19	19	15	14	16	6	4	6	7	4	5	6	7	5	8	10	14	D1	1	AR	AR	- 6	7.02%	6.83%	5.25%
	State Street SPDR S&P 500 Fossil Fu	SPYX	55.54	2,451	25	27	27	27	27	27	25	25	27	24	16	18	18	14	12	10	13	12	D3	2	AF	AR	- 43	3.70%	2.80%	-2.58%
	Nuveen ESG Large-Cap Growth ETF	NULG	96.02	2,439	27	28	29	28	28	28	29	28	29	29	29	28	27	29	29	24	27	D3	10	AF	BR	- 32	4.09%	3.59%	-3.08%	
	iShares ESG Aware MSCI USA Small-C	ESML	49.16	2,234	12	13	16	19	19	17	16	15	16	14	13	11	11	11	12	10	12	10	D1	1	AR	AR	- 39	3.34%	5.63%	1.65%
	Nuveen ESG Large-Cap Value ETF	NULV	46.91	1,951	17	14	17	12	14	14	14	15	15	14	13	14	11	12	13	12	11	14	D2	2	AF	AR	- 6	2.00%	2.90%	0.99%
	Invesco Solar ETF	TAN	55.23	1,489	7	4	3	2	2	5	7	1	1	1	3	2	3	4	1	2	1	1	D1	4	BR	AR	- 6	0.69%	-0.27%	9.80%
	Nuveen ESG Small-Cap ETF	NUSC	47.01	1,239	17	18	22	25	25	20	17	14	15	13	14	10	8	9	15	17	13	11	D2	3	AR	AR	- 6	3.27%	5.58%	0.43%
	Global X S&P 500 Catholic Values Cus	CATH	81.63	1,145	25	27	27	27	27	26	26	25	27	23	22	24	23	19	19	11	19	16	D3	2	AF	AR	- 27	3.63%	2.83%	-2.56%
	iShares Low Carbon Optimized MSCI A	CRBN	233.18	1,026	20	27	26	27	26	25	20	19	20	19	17	18	18	16	13	13	13	16	D2	4	AF	AR	- 28	3.94%	3.57%	-1.12%
	First Trust Nasdaq Clean Edge Green I	QCLN	49.81	580	6	20	18	17	15	27	17	12	10	10	6	5	6	5	5	5	5	6	D2	3	AR	AR	- 40	7.10%	7.17%	2.80%
	Invesco WilderHill Clean Energy ETF	PBW	32.91	433	19	25	23	27	17	28	23	17	15	11	7	5	5	5	4	5	5	D2	4	AF	AR	- 40	3.62%	2.28%	-1.43%	
	Nuveen ESG Mid-Cap Value ETF	NUMV	40.02	416	20	21	22	25	24	18	16	17	18	17	17	15	14	15	15	16	16	D2	3	AF	AR	- 6	2.28%	3.63%	-0.74%	
	Nuveen ESG Mid-Cap Growth ETF	NUMG	41.05	328	30	30	30	30	30	30	30	30	30	30	30	29	29	26	29	29	27	27	D3	11	BF	BF	- 12	-1.36%	-0.92%	-16.04%
	State Street SPDR MSCI USA Gender	SHE	132.97	279	20	24	25	21	23	23	23	22	21	21	14	15	16	13	12	11	14	13	D2	4	AF	AR	- 44	2.79%	2.74%	-1.52%
	Inspire Small/Mid Cap ETF	ISMD	42.09	271	7	10	11	21	22	18	18	16	15	14	12	12	11	12	14	12	13	11	D1	1	AR	AR	- 38	3.67%	7.48%	3.17%
	Columbia U.S. Equity Income ETF	EQIN	49.54	265	17	10	5	11	13	13	16	16	15	14	13	15	15	13	12	11	14	12	D1	3	BR	AR	- 39	0.93%	1.52%	1.36%
	First Trust Global Wind Energy ETF	FAN	25.80	261	1	1	2	2	2	3	2	3	4	4	3	3	5	6	4	8	11	10	U3	18	AR	AR	+ 2	3.78%	10.02%	20.45%
	Invesco Global Clean Energy ETF	PBD	18.87	189	3	4	4	8	10	13	10	9	10	9	7	6	7	8	7	7	9	8	U3	1	AR	AR	- 42	4.78%	8.07%	12.41%
	State Street SPDR MSCI ACWI Climat	NZAC	42.62	179	25	27	27	27	27	26	25	24	26	24	22	23	23	18	16	15	15	16	D3	3	AF	AR	- 24	3.83%	3.75%	-2.30%
	iShares MSCI Global Sustainable Deve	SDG	87.33	166	17	17	23	27	25	26	22	20	19	20	24	25	25	23	16	18	18	17	D2	4	AR	AR	- 6	3.04%	5.26%	2.75%
	Amplify Etho Climate Leadership U.S.	ETHO	69.75	164	11	12	18	17	23	21	17	14	15	13	14	11	9	8	12	5	7	5	D1	1	AR	AR	- 6	3.68%	7.26%	2.43%
	State Street SPDR MSCI Emerging Ma	EEMX	47.20	160	6	17	17	10	9	13	4	4	6	6	4	4	5	6	5	6	7	14	D1	1	AR	AR	- 6	7.41%	6.40%	6.02%
	Invesco MSCI Sustainable Future ETF	ERTH	48.82	144	17	21	22	24	24	28	25	19	20	22	17	18	20	17	12	12	14	14	D2	4	AR	AR	- 44	2.96%	4.37%	2.76%
	VanEck Low Carbon Energy ETF	SMOG	144.81	142	6	6	12	12	8	18	12	12	11	12	6	9	13	15	6	10	6	5	D1	4	AR	AR	- 6	4.09%	6.73%	9.36%
	Inspire Global Hope ETF	BLES	46.02	140	12	12	15	17	15	15	14	16	15	16	13	14	14	14	13	12	14	14	D1	1	AR	AR	- 46	2.95%	4.45%	3.65%
	Stance Sustainable Beta ETF	CHGX	27.79	140	21	24	26	21	23	24	21	22	21	22	22	23	24	23	25	24	21	22	D2	3	AF	AR	- 6	2.31%	2.18%	-0.41%
	FlexShares STOXX US ESG Select Inc	ESG	157.97	122	22	26	26	26	26	26	24	23	23	20	15	18	18	15	13	10	14	13	D2	4	AF	AR	- 43	3.20%	2.84%	-1.53%
	Global X Conscious Companies ETF	KRMA	42.91	109	26	27	26	27	26	26	25	25	26	23	22	23	23	18	16	10	19	16	D3	2	AF	AR	- 23	2.47%	2.30%	-2.95%
	FlexShares STOXX Global ESG Select	ESGG	209.50	105	17	22	25	24	23	22	20	19	19	18	13	16	16	13	11	9	13	12	D2	3	AF	AR	- 46	3.67%	4.07%	0.68%
	Columbia International Equity Income E	INEQ	40.41	57	6	5	5	11	11	12	9	10	10	12	9	12	13	12	9	8	10	10	D1	3	AR	AR	- 59	2.80%	5.76%	7.51%
EF-21	Thematic				20	25	25	24	25	24	22	23	23	23	16	17	17	15	14	13	13	13	D2	4	AR	AR	- 10	3.09%	3.28%	-0.46%
	Global X U.S. Infrastructure Developm	PAVE	54.65	12,551	4	8	9	15	11	8	6	4	4	4	13	11	8	14	14	11	19	11	D1	4	AR	AR	- 5	6.53%	8.93%	9.02%
	First Trust Nasdaq Clean Edge Smart C	GRID	177.88	8,609	3	6	7	10	10	12	9	9	9	11	10	14	15	15	11	11	14	13	D1	3	AR	AR	- 46	7.22%	7.71%	14.06%
	First Trust Capital Strength ETF	FTCS	93.16	7,877	27	23	20	21	17	15	18	20	19	18	15	18	19	17	18	15	18	16	D2	3	BF	AR	- 45	0.11%	-0.90%	-1.50%
	ARK Innovation ETF	ARKK	69.29	5,983	30	30	30	30	30	30	30	30	30	30	30	28	25	28	29	30	27	22	D3	10	BF	BF	- 25	1.06%	-1.37%	-13.70%
	Franklin U.S. Large Cap Multifactor Ind	FLQL	71.44	1,829	17	24	26	24	24	25	22	22	23	20	15	17	17	14	12	10	13	13	D2	4	AR	AR	- 43	4.60%	4.62%	0.96%
	ROBO Global Robotics & Automation I	ROBO	73.78	1,618	13	25	26	24	19	14	6	4	6	9	10	6	5	5	5	6	8	5	D2	3	AR	AR	- 6	6.56%	5.61%	0.79%
	Invesco Buyback Achievers ETF	PKW	135.29	1,606	20	23	23	25	26	24	22	20	21	19	17	18	18	14	12	11	13	11	D2	3	AF	AR	- 43	2.28%	3.96%	-1.91%
	VanEck BDC Income ETF	BIZD	12.36	1,470	29	29	29	28	28	28	30	30	30	30	24	22	22	23	21	22	24	21	D3	9	BF	BF	+ 27	-0.08%	2.91%	-10.44%
	First Trust US Equity Opportunities ET	FPX	170.67	1,237	14	22	26	22	26	26	25	25	28	28	19	18	17	14	12	8	10	10	D3	3	AR	AR	- 46	4.67%	6.71%	1.76%
	Innovator U.S. Equity Power Buffer ET	PJUL	47.03	988	20	20	19	15	19	23	25	25	26	24	24	26	25	23	22	19	21	21	D2	3	AR	AR	- 30	1.82%	1.97%	0.62%
	Goldman Sachs Hedge Industry VIP E	GVIP	157.35	476	18	27	28	27	28	28	25	21	22	23	16	15	18	15	13	11	10	15	D3	2	AF	AR	- 26	5.96%	6.64%	-0.70%

			Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19									
EF-21	Thematic																													
	Abacus FCF Leaders ETF	ABFL	74.91	472	14	19	20	21	22	26	24	24	26	24	19	20	20	18	16	13	16	16	D2	3	AR	AR	- 44	4.13%	5.11%	3.47%
	ProShares S&P 500 Ex-Technology E	SPXT	104.72	252	20	24	24	22	21	19	20	20	21	18	14	16	15	13	12	10	13	12	D2	3	AF	AR	- 43	2.92%	2.40%	-1.21%
	AdvisorShares Focused Equity ETF	CWS	66.16	156	28	28	27	27	28	26	25	28	29	29	29	25	20	23	29	29	24	26	D3	3	BF	BF	- 10	0.79%	0.94%	-6.28%
	Renaissance IPO ETF	IPO	44.16	128	28	30	30	29	29	30	30	30	30	30	27	25	23	24	21	22	22	22	D3	9	AF	BF	+ 15	4.08%	3.54%	-6.89%
	Pacer American Energy Infrastructure I	USAI	45.72	105	2	1	1	3	3	4	6	8	8	12	11	15	20	24	17	19	23	20	U3	11	AR	AR	- 11	-1.20%	-0.69%	22.68%
	American Customer Satisfaction ETF	ACSI	66.80	104	23	26	26	26	26	26	23	26	28	23	26	25	24	20	22	20	20	22	D3	2	AF	AR	- 12	2.95%	2.95%	-2.25%
	Global X Millennial Consumer ETF	MILN	42.12	94	30	30	30	30	30	30	30	30	30	30	30	29	30	28	30	29	30	30	D3	10	AF	BF	- 11	3.29%	1.88%	-12.94%
	ProShares S&P 500 Ex-Energy ETF	SPXE	72.96	75	25	27	27	27	27	27	25	25	27	24	17	18	18	14	13	10	13	12	D3	2	AF	AR	- 43	3.86%	3.02%	-2.63%
	Impact Shares Womens Empowermen	WOMN	40.26	57	27	27	26	27	27	26	25	25	27	24	18	20	20	16	15	12	14	14	D3	2	BF	BR	- 41	1.21%	1.04%	-4.32%
	Pacer US Export Leaders ETF	PEXL	62.83	43	14	25	26	20	20	19	18	18	19	18	11	11	11	10	8	7	9	9	D2	3	AF	AR	- 42	5.81%	5.46%	0.22%
	ProShares Equities for Rising Rates E	EQRR	70.66	37	6	4	3	7	11	13	18	17	17	15	13	16	16	13	12	12	14	11	U3	39	AR	AR	- 42	2.05%	5.95%	6.13%
	Principal Quality ETF	PSET	72.07	32	28	29	29	28	28	28	28	29	29	28	21	22	22	17	17	14	17	16	D3	6	AF	BF	+ 5	3.15%	2.39%	-7.36%
	Point Bridge America First ETF	MAGA	54.31	31	17	12	6	13	11	10	14	15	15	15	19	20	19	23	26	23	27	22	D1	4	BR	AR	- 5	1.19%	1.83%	2.25%
AdvisorShares Vice ETF	VICE	32.36	7	25	26	25	27	21	26	27	28	29	28	29	29	30	30	30	30	30	30	D2	3	AF	BF	- 4	2.30%	-0.31%	1.70%	
EF-22	Alpha																													
	VanEck Morningstar Wide Moat ETF	MOAT	97.64	11,653	20	23	21	19	19	18	20	21	20	21	15	15	16	14	12	11	12	12	D2	3	AR	AR	- 6	2.07%	1.78%	-0.37%
	Innovator Laddered Allocation Power B	BUFF	50.54	809	20	20	18	15	18	23	25	25	26	24	24	25	25	23	21	19	21	21	D2	3	AR	AR	- 28	1.75%	1.94%	0.54%
	NYLI Hedge Multi-Strategy Tracker ETI	QAI	34.89	780	17	14	11	7	13	18	21	21	21	22	22	21	23	23	21	19	23	22	D1	4	AR	AR	- 6	1.57%	2.20%	2.20%
	ProShares Large Cap Core Plus	CSM	78.31	474	24	27	26	27	26	26	25	25	27	23	15	17	17	13	10	8	11	11	D3	2	AF	AR	- 43	3.28%	3.22%	-2.69%
	Capitol Series Trust - Hull Tactical US	HTUS	39.91	129	19	26	26	26	25	26	23	23	23	21	18	20	22	18	14	11	11	15	D3	1	AF	AR	- 16	4.11%	3.54%	-0.15%
	Invesco Bloomberg Analyst Rating Imp	UPGD	74.95	109	26	25	25	25	24	16	16	17	17	16	18	19	18	19	26	23	20	20	D2	3	BF	AR	- 5	2.01%	1.30%	-2.26%
	Innovator IBD 50 ETF	FFTY	35.67	82	27	29	28	28	27	24	6	14	17	25	29	13	20	22	29	19	28	29	D2	3	BF	BR	- 5	4.02%	0.37%	-2.59%
	AdvisorShares Ranger Equity Bear ETI	HDGE	17.69	80	7	4	2	2	2	4	16	20	17	23	23	28	29	30	27	28	29	29	U3	11	AR	AR	+ 12	-0.79%	-1.56%	11.68%
	Global X Guru Index ETF	GURU	61.91	56	22	26	27	27	28	28	27	27	27	24	25	23	23	17	12	4	6	5	D3	4	AR	AR	- 27	3.25%	5.39%	-1.34%
	AdvisorShares Insider Advantage ETF	SURE	130.98	50	18	17	16	13	16	14	16	16	17	16	16	14	10	8	13	12	8	10	D2	2	AR	AR	- 6	2.21%	3.08%	-1.47%
	ProShares Merger ETF	MRGR	45.09	16	20	14	5	11	14	18	25	25	23	24	16	17	19	16	13	12	13	11	U3	2	AR	AR	- 141	0.21%	1.15%	0.79%
	EF-23	Convertible Preferred																												
		iShares Preferred & Income Securities	PFF	30.79	13,600	21	22	20	20	21	26	25	23	23	24	17	17	18	17	14	15	15	14	D2	4	AF	AR	- 7	1.82%	1.75%
iShares Convertible Bond ETF		ICVT	107.64	5,457	8	10	14	11	14	24	21	20	19	19	14	15	15	16	13	13	14	13	D2	3	BF	AR	- 39	1.18%	0.86%	-1.36%
State Street SPDR Bloomberg Convert		CWB	96.50	4,651	12	12	19	12	15	25	22	21	19	20	15	16	16	16	14	13	14	14	D1	3	AR	AR	- 46	3.43%	4.95%	4.93%
Invesco Preferred ETF		PGX	11.13	3,907	26	25	21	21	23	24	25	25	26	28	19	21	22	21	17	18	19	18	D2	3	BF	AR	- 36	1.09%	0.24%	-0.32%
Invesco Variable Rate Preferred ETF		VRP	24.36	2,451	20	19	16	13	17	22	25	25	26	25	19	21	21	20	16	15	17	16	D2	3	AR	AR	- 145	1.08%	1.26%	0.93%
State Street SPDR ICE Preferred Secu		PSK	31.27	719	27	25	22	22	24	25	25	25	27	28	20	21	22	21	18	18	19	18	D2	4	BF	BR	- 35	1.17%	0.04%	-0.94%
Invesco Financial Preferred ETF		PGF	14.03	719	26	25	20	21	22	24	25	25	27	28	20	21	22	22	17	18	19	19	D2	3	BF	AR	- 35	1.00%	0.25%	-0.29%
Global X SuperIncome Preferred ETF		SPFF	8.98	124	27	27	23	26	27	27	27	25	26	25	17	17	18	14	13	12	13	13	D3	1	BF	BR	- 37	1.18%	1.70%	-4.94%
InfraCap REIT Preferred ETF		PPFR	17.58	113	27	27	22	25	24	26	27	25	28	28	20	22	22	21	17	17	18	18	D3	3	BF	BR	- 38	1.91%	0.36%	-1.39%
First Trust SSI Strategic Convertible Se		FCVT	47.08	111	7	10	14	11	15	24	20	18	17	18	12	12	13	13	12	11	13	11	D1	3	AR	AR	- 44	3.84%	6.13%	5.52%
Innovator S&P Investment Grade Prefe		EPRF	16.78	71	28	28	25	27	27	28	28	28	28	28	21	21	22	21	18	18	19	17	D3	7	BF	BF	+ 5	0.54%	-0.35%	-4.89%
SECTORS (US)																														
EF-24		Consumer Discr.																												
	State Street Consumer Discretionary S	XLY	112.89	21,969	28	30	29	28	28	28	28	28	28	28	18	16	18	13	16	10	12	12	D3	3	AF	BR	+ 4	4.38%	2.04%	-9.08%
	Vanguard Consumer Discretionary ETf	VCR	374.19	5,838	28	30	29	29	28	28	28	28	28	28	18	17	18	13	16	11	13	13	D3	3	AF	BR	+ 4	4.75%	3.01%	-9.15%
	iShares U.S. Home Construction ETF	ITB	94.27	2,517	30	30	30	30	28	28	23	18	15	20	24	21	19	17	25	24	25	19	D3	1	BF	BF	- 11	4.45%	1.47%	-11.72%
	Fidelity MSCI Consumer Discretionary	FDIS	97.19	1,711	28	30	29	29	28	28	28	28	28	28	18	17	18	13	16	11	13	13	D3	4	AF	BR	- 41	4.72%	2.96%	-9.05%

		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
				10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19								
EF-24	Consumer Discr.																												
	State Street SPDR S&P Homebuilders XHB	103.84	1,511	28	30	29	29	28	28	20	16	12	17	22	20	16	15	23	22	23	18	D2	4	BF	BR	- 36	5.72%	3.53%	-8.06%
	iShares U.S. Consumer Discretionary E IYC	99.98	1,170	27	28	28	28	28	28	27	28	28	28	20	20	20	16	18	14	16	14	D3	4	AF	BF	- 44	3.15%	2.03%	-6.41%
	State Street SPDR S&P Retail ETF XRT	82.73	376	27	28	27	28	28	28	25	22	23	19	19	16	13	12	14	11	12	11	D3	1	BF	BR	- 41	2.83%	3.67%	-7.92%
	Invesco S&P 500 Equal Weight Consu RSPD	55.02	276	28	29	28	28	28	27	23	23	23	21	19	18	19	14	16	14	14	14	D3	1	BF	BR	- 40	2.94%	1.97%	-7.78%
	First Trust Consumer Discretionary Alp FXD	66.62	263	27	28	27	28	28	28	25	22	23	19	19	17	15	12	13	12	13	12	D3	1	BF	BR	- 40	3.74%	5.15%	-7.55%
	VanEck Retail ETF RTH	262.08	260	17	22	22	25	16	16	20	22	19	18	18	14	15	17	26	24	22	22	D2	3	AR	AR	- 6	3.83%	2.73%	0.38%
	Invesco Leisure and Entertainment ETIPEJ	60.49	248	20	25	26	27	28	27	23	24	28	25	20	19	19	16	13	11	13	13	D3	1	AR	AR	- 43	3.26%	5.57%	-2.04%
	iShares U.S. Consumer Focused ETF IEDI	55.58	28	26	27	26	27	26	24	22	24	22	21	18	17	17	16	19	17	19	16	D2	4	BF	BR	- 42	2.51%	1.76%	-3.92%
	Invesco S&P SmallCap Consumer Disc PSCD	107.64	23	23	28	27	28	28	27	21	18	19	17	19	16	14	13	19	17	18	15	D2	4	BF	AR	- 38	4.97%	4.53%	-5.52%
	First Trust Nasdaq Food & Beverage E FTXG	22.31	21	18	12	6	17	11	11	12	16	14	15	15	20	22	25	22	22	22	20	D1	3	BR	AR	- 9	0.48%	-0.60%	6.11%
	First Trust Nasdaq Retail ETF ISHP	33.94	5	30	30	30	30	30	30	30	30	30	30	29	29	29	27	29	29	29	30	D3	10	BF	BF	- 11	2.45%	-0.13%	-16.24%
EF-25	Consumer Staples																												
	State Street Consumer Staples Select XLP	82.37	14,359	18	14	6	14	5	7	7	12	7	9	13	16	19	22	21	20	21	20	D1	3	BF	AR	- 4	1.05%	-1.48%	4.96%
	Vanguard Consumer Staples ETF VDC	226.52	7,947	17	10	5	12	9	11	10	14	11	12	14	16	18	21	21	19	21	18	D1	3	BR	AR	- 12	0.69%	-1.56%	5.60%
	Fidelity MSCI Consumer Staples Index FSTA	52.79	1,428	17	10	5	5	9	11	10	14	11	12	14	16	19	21	21	19	21	19	D1	3	BR	AR	- 12	0.74%	-1.57%	5.64%
	iShares U.S. Consumer Staples ETF IYK	70.67	1,357	20	16	7	8	10	12	10	14	12	14	14	18	21	24	21	20	22	21	D1	3	BF	AR	- 10	1.03%	-2.43%	5.66%
	Invesco S&P 500 Equal Weight Consu RSPS	29.54	248	27	25	14	21	13	12	11	14	11	14	14	17	19	22	20	19	21	17	D2	2	BF	BF	- 11	0.37%	-2.66%	0.70%
	First Trust Consumer Staples AlphaDE FXG	64.97	247	18	13	11	21	13	13	12	16	15	15	15	18	21	24	22	21	23	20	D1	3	BR	AR	- 10	1.06%	1.12%	5.79%
	Invesco Food & Beverage ETF PBJ	50.03	92	6	4	3	10	9	12	12	15	12	14	14	19	22	25	22	21	22	21	D1	3	AR	AR	- 10	0.78%	2.62%	11.95%
	Invesco S&P SmallCap Consumer Staj PSCC	32.20	33	26	27	22	27	13	15	14	17	17	18	17	21	24	26	25	23	24	23	D2	3	BF	BF	- 8	3.10%	-2.52%	2.62%
EF-26	Communications																												
	State Street Communication Services XLC	113.95	24,647	27	27	27	24	24	19	25	25	28	28	14	19	22	16	13	11	14	13	D3	1	AF	AR	- 46	2.01%	-0.12%	-3.05%
	Vanguard Communication Services ET VOX	188.50	5,698	25	27	28	25	26	23	25	25	28	25	12	16	19	13	10	8	11	11	D3	1	AF	AR	- 44	3.49%	1.91%	-3.33%
	Fidelity MSCI Communication Services FCOM	71.32	1,694	25	27	28	25	26	23	25	25	28	25	12	16	19	13	11	9	12	11	D3	1	AF	AR	- 44	3.41%	1.85%	-3.28%
	iShares U.S. Telecommunications ETF IYZ	41.20	845	1	1	2	2	4	5	6	7	7	7	8	14	16	14	8	8	10	11	U3	41	AR	AR	- 90	1.77%	5.88%	22.79%
	State Street SPDR S&P Telecom ETF XTL	207.39	576	1	1	1	3	3	4	4	6	6	7	6	8	7	7	5	5	6	6	U3	18	AR	AR	- 42	4.35%	12.77%	31.70%
EF-27	Energy																												
	State Street Energy Select Sector SPD XLE	56.94	39,109	1	1	1	1	1	1	1	2	2	3	4	8	14	15	13	15	17	18	U3	13	AR	AR	+ 13	-3.36%	1.11%	34.88%
	Vanguard Energy ETF VDE	161.79	10,201	1	1	1	3	3	3	4	5	5	6	6	9	12	13	12	15	18	13	U3	22	AR	AR	- 37	-3.90%	-0.67%	22.80%
	State Street SPDR S&P Oil & Gas Exp XOP	168.46	3,420	1	1	1	2	3	3	6	8	10	10	10	16	21	23	17	21	23	15	U3	11	AR	AR	- 39	-5.21%	0.74%	32.75%
	United States Oil Fund LP USO	124.82	2,175	1	1	1	1	1	1	6	7	17	16	4	24	29	30	30	30	30	30	U3	8	AR	AR	+ 14	-9.50%	4.11%	76.35%
	VanEck Oil Services ETF OIH	409.78	2,111	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	5	U3	34	AR	AR	- 1	2.69%	10.41%	29.07%
	Fidelity MSCI Energy Index ETF FENY	31.82	1,960	1	1	1	1	3	3	4	5	5	6	6	9	12	13	12	15	18	13	U3	22	AR	AR	- 38	-3.69%	0.04%	24.04%
	iShares U.S. Energy ETF IYE	60.44	1,584	1	1	1	1	3	4	5	5	6	6	6	9	13	14	12	16	19	14	U3	22	AR	AR	- 38	-3.80%	-0.30%	22.99%
	First Trust Energy AlphaDEX Fund FXN	21.28	1,141	1	1	1	3	3	4	5	5	6	7	7	10	15	15	11	15	16	11	U3	21	AR	AR	- 34	-3.36%	2.54%	27.29%
	United States Brent Oil Fund LP BNO	47.25	872	1	1	1	1	1	1	3	4	14	13	3	19	26	29	30	30	30	30	U3	9	AR	AR	+ 14	-12.69%	-3.65%	61.15%
	First Trust Natural Gas ETF FCG	29.97	757	1	1	1	3	3	3	6	7	10	12	9	15	21	23	14	18	21	13	U3	12	AR	AR	- 20	-3.82%	1.34%	30.34%
	Invesco S&P 500 Equal Weight Energy RSPG	102.85	618	1	1	1	3	3	3	4	4	5	7	7	9	13	14	12	15	17	12	U3	34	AR	AR	- 33	-3.54%	0.51%	25.56%
	iShares U.S. Oil & Gas Exploration & P IEO	115.92	597	1	1	1	1	3	3	6	8	9	10	11	16	21	21	17	21	22	14	U3	11	AR	AR	- 39	-5.15%	-0.76%	27.92%
	State Street SPDR S&P Oil & Gas Equ XES	117.81	497	1	1	1	2	2	3	2	2	2	2	2	4	4	4	5	6	7	5	U3	34	AR	AR	- 31	2.17%	7.23%	32.65%
	iShares U.S. Oil Equipment & Services IEZ	29.44	464	1	1	1	1	3	3	3	3	2	3	3	4	5	4	5	8	9	6	U3	33	AR	AR	- 31	3.15%	11.07%	27.26%
	United States Natural Gas Fund LP UNG	10.77	433	30	30	26	27	26	26	30	30	30	24	1	9	30	30	30	30	30	30	D3	7	BF	BF	- 3	-5.11%	-14.79%	3.56%
	Invesco DB Oil Fund DBO	19.71	317	1	1	1	1	1	1	6	7	17	16	4	24	29	30	30	30	30	30	U3	9	AR	AR	+ 14	1.49%	-4.09%	57.93%

		Relative Strength Ranking - RSR																				% Price Δ									
Group or Corp	Ticker	Price	MKT Cap(MM)	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
EF-27	Energy																														
	First Trust Nasdaq Oil & Gas ETF	FTXN	36.05	169	1	1	1	3	3	3	5	5	6	8	7	12	17	17	14	19	21	14	U3	20	AR	AR	- 33	-4.21%	0.33%	25.78%	
	Invesco Oil & Gas Services ETF	PXJ	41.99	122	1	1	1	3	3	2	2	2	2	3	3	5	5	5	7	8	10	6	U3	36	AR	AR	- 34	0.85%	9.53%	31.14%	
	United States Gasoline Fund LP	UGA	97.28	122	1	1	1	1	1	1	6	10	19	15	8	21	28	28	30	30	30	30	U3	11	AR	AR	+ 12	-7.95%	0.40%	52.05%	
	Invesco S&P SmallCap Energy ETF	PSCE	59.04	114	1	1	1	2	3	3	4	4	4	4	5	7	9	11	10	13	15	10	U3	32	AR	AR	- 30	-2.33%	3.31%	30.86%	
	Invesco DB Energy Fund	DBE	28.31	96	1	1	1	1	1	1	6	9	18	16	3	20	29	30	30	30	30	30	U3	9	AR	AR	+ 12	-6.81%	-0.88%	60.85%	
	Invesco Energy Exploration & Productiv	PXE	36.61	90	1	1	1	3	3	4	9	9	11	12	13	20	24	25	19	22	23	14	U3	10	AR	AR	- 39	-4.83%	1.49%	31.15%	
	Invesco Dorsey Wright Energy Momen	PXI	56.97	76	1	1	1	3	3	4	9	10	10	9	9	12	14	16	13	17	19	13	U3	12	AR	AR	- 38	-2.87%	0.42%	21.48%	
	United States 12 Month Oil Fund LP	USL	48.98	59	1	1	1	1	1	1	9	13	20	19	10	27	29	30	30	30	30	30	U3	8	AR	AR	+ 14	1.41%	0.10%	43.98%	
EF-28	Energy - MLP				2	1	1	1	1	2	4	5	5	12	11	14	17	20	14	16	19	17	U3	15	AR	AR	+ 22	-0.37%	0.63%	17.83%	
	Alerian MLP ETF	AMPL	52.30	12,154	5	2	2	2	2	3	7	7	7	16	13	16	16	17	16	17	19	16	U3	13	AR	AR	- 18	-0.13%	0.17%	11.08%	
	First Trust North American Energy Infra	EMLP	44.10	4,033	3	2	2	5	5	6	9	11	11	16	13	17	18	21	16	17	20	16	U3	13	AR	AR	- 125	0.68%	1.35%	17.00%	
	Global X MLP & Energy Infrastructure E	MLPX	72.63	3,248	1	1	1	1	1	1	3	3	2	13	11	14	19	22	15	17	21	17	U3	12	AR	AR	- 17	-0.79%	0.67%	22.30%	
	Global X MLP ETF	MLPA	53.75	2,155	5	3	2	2	2	3	8	7	7	16	13	16	17	18	16	17	19	16	U3	13	AR	AR	- 18	-0.13%	0.04%	11.22%	
	Tortoise North American Pipeline ETF	TPYP	42.10	903	2	1	1	4	4	5	7	9	9	14	12	16	19	23	15	17	21	17	U3	13	AR	AR	- 143	-0.28%	0.87%	21.52%	
	Alerian Energy Infrastructure ETF	ENFR	37.56	441	1	1	1	1	1	1	3	3	3	13	11	15	19	23	15	17	21	17	U3	12	AR	AR	- 18	-0.87%	0.43%	22.33%	
	InfraCap MLP ETF	AMZA	45.47	439	3	2	2	1	5	5	9	10	11	15	13	17	18	20	17	21	23	21	U3	11	AR	AR	- 11	-0.44%	1.20%	15.06%	
	VanEck Energy Income ETF	EINC	115.83	141	1	1	1	1	1	1	3	3	2	8	11	15	19	22	14	16	20	16	U3	12	AR	AR	- 147	-1.03%	0.23%	22.58%	
EF-29	Financials				24	26	26	27	28	26	27	22	23	17	14	17	15	12	11	11	10	10	D3	1	AF	AR	- 9	2.89%	5.38%	-3.91%	
	State Street Financial Select Sector SP XLF		50.77	50,186	28	28	28	28	28	28	29	29	29	25	20	23	20	15	13	11	14	13	D3	4	AF	BF	+ 5	2.50%	4.38%	-8.43%	
	Vanguard Financials ETF	VFH	124.56	12,516	28	28	28	28	28	28	29	29	29	24	20	22	20	14	13	10	14	13	D3	3	AF	BF	+ 5	2.67%	4.80%	-8.23%	
	Invesco KBW Bank ETF	KBWB	84.85	5,265	12	21	26	27	28	28	25	16	17	9	10	12	10	7	6	5	7	7	D2	4	AF	AR	- 42	5.68%	12.60%	-2.53%	
	State Street SPDR S&P Regional Bank	KRE	68.94	4,257	7	10	17	23	26	25	23	12	12	8	11	13	13	12	12	8	10	9	D1	1	AR	AR	- 39	4.45%	9.87%	2.76%	
	iShares U.S. Financials ETF	IYF	121.51	3,360	27	28	28	28	28	28	29	28	28	23	18	21	19	14	12	10	13	12	D3	3	AF	BR	- 46	2.63%	5.20%	-7.18%	
	Fidelity MSCI Financials Index ETF	FNCL	72.36	2,240	28	28	28	28	28	28	29	29	29	24	20	22	20	14	13	10	14	13	D3	4	AF	BF	+ 5	2.67%	4.89%	-8.27%	
	iShares US Financial Services ETF	IYG	85.67	1,949	28	29	29	28	28	28	29	29	29	28	24	19	21	19	13	11	9	13	11	D3	4	AF	BF	- 47	3.02%	5.50%	-8.88%
	iShares U.S. Broker-Dealers & Securiti	IAI	169.99	1,521	27	28	29	28	28	28	29	29	30	27	15	16	13	13	12	10	14	13	D3	3	AF	BF	- 46	2.31%	5.38%	-8.06%	
	State Street SPDR S&P Bank ETF	KBE	62.84	1,392	12	17	23	27	28	27	25	15	15	10	12	14	13	12	12	9	10	10	D2	3	AF	AR	- 40	4.32%	9.32%	-0.07%	
	First Trust Financials AlphaDEX Fund	FXO	58.05	1,065	27	27	27	28	28	28	27	24	26	19	16	19	18	14	12	10	12	11	D3	2	AF	AR	- 42	2.71%	5.04%	-5.28%	
	iShares U.S. Regional Banks ETF	IAT	57.29	602	7	12	22	24	27	24	21	10	11	6	8	10	10	8	8	7	8	8	D2	4	AF	AR	- 39	4.66%	11.09%	0.45%	
	State Street SPDR S&P Capital Market	KCE	142.20	427	28	29	29	28	28	28	29	29	29	28	16	16	13	16	17	14	18	16	D3	3	AF	BF	+ 4	3.37%	5.35%	-8.75%	
	State Street SPDR S&P Insurance ETF	KIE	55.90	422	28	28	27	28	28	28	27	29	28	25	21	24	23	18	15	12	13	13	D3	4	BF	BF	+ 5	1.30%	1.40%	-6.26%	
	iShares U.S. Insurance ETF	IAK	129.69	363	27	25	25	24	24	21	23	24	26	23	20	24	24	18	13	12	13	13	D2	4	BF	AR	- 20	0.96%	0.56%	-2.43%	
	First Trust Nasdaq Bank ETF	FTXO	38.55	333	12	18	25	27	28	27	25	15	16	8	11	14	12	8	8	6	8	8	D2	4	AR	AR	- 41	5.21%	11.86%	-1.35%	
	Invesco S&P 500 Equal Weight Financ	RSPF	72.80	269	28	28	28	28	28	28	29	29	29	26	19	21	20	16	14	12	14	14	D3	3	BF	BF	+ 5	1.54%	3.28%	-8.60%	
	Invesco KBW Property & Casualty Inst	KBWP	119.09	257	27	25	25	22	24	18	22	25	28	22	19	23	23	17	13	9	12	13	D3	2	BF	BR	- 134	-0.32%	-0.78%	-4.15%	
	First Trust NASDAQ ABA Community E	QABA	61.61	77	6	6	11	18	23	22	23	14	13	10	12	15	15	15	16	12	11	10	D1	2	AR	AR	- 39	4.34%	9.22%	6.16%	
	Invesco Bloomberg Financial Data Pro	FDIQ	68.50	49	6	2	4	5	5	4	6	12	11	8	10	13	13	12	13	10	11	10	D1	1	BR	AR	- 39	-1.27%	-1.84%	6.82%	
	Invesco Dorsey Wright Financial Mome	PFI	55.65	35	27	28	28	28	28	28	29	29	28	24	19	19	17	15	13	11	14	13	D3	3	AF	BF	+ 5	3.30%	6.43%	-6.29%	
	Invesco S&P SmallCap Financials ETF	PSCF	60.04	24	12	18	22	25	26	24	24	19	19	16	15	17	15	15	15	12	13	12	D2	3	AR	AR	- 39	4.61%	7.26%	1.91%	
EF-30	Healthcare				26	21	25	25	22	17	14	16	16	14	10	7	8	6	5	4	4	4	D2	3	BF	AR	- 15	0.71%	2.22%	-3.64%	
	State Street Health Care Select Sector	XLV	147.31	38,539	28	27	26	27	22	19	15	19	17	16	13	11	13	9	7	6	8	8	D2	3	BF	AR	- 28	0.34%	-1.25%	-5.97%	
	Vanguard Health Care ETF	VHT	273.78	16,268	28	27	26	27	24	22	18	20	19	18	13	11	13	9	7	6	8	8	D3	1	BF	AR	- 30	0.26%	-0.68%	-6.20%	
	State Street SPDR S&P Biotech ETF	XBI	129.44	8,365	6	4	9	4	6	5	8	10	11	4	3	2	1	1	1	1	1	1	D1	4	AR	AR	- 16	0.37%	6.25%	3.97%	

			Relative Strength Ranking - RSR																			% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19									
EF-30	Healthcare																													
	iShares Biotechnology ETF	IBB	169.37	8,206	20	12	22	19	16	16	14	15	15	13	9	7	9	7	5	4	5	5	D2	3	AF	AR	- 35	-0.04%	2.41%	-1.68%
	iShares U.S. Medical Devices ETF	IHI	53.24	3,213	30	30	30	30	28	28	28	29	30	30	24	25	23	16	17	14	16	16	D3	6	BF	BF	+ 9	0.00%	-2.52%	-16.67%
	iShares U.S. Healthcare ETF	IYH	61.79	2,898	28	27	26	27	24	22	18	20	19	18	14	12	13	9	8	7	8	8	D3	1	BF	AR	- 28	0.23%	-0.85%	-6.54%
	Fidelity MSCI Health Care Index ETF	FHLC	70.70	2,814	28	27	26	27	24	21	18	20	19	18	13	11	13	9	7	6	8	8	D3	1	BF	AR	- 29	0.23%	-0.66%	-6.18%
	First Trust NYSE Arca Biotechnology Ir	FBT	201.76	2,280	27	23	27	27	28	27	20	19	18	14	5	3	5	3	1	2	1	1	D3	2	AF	AR	- 16	-0.12%	4.74%	-6.02%
	VanEck Pharmaceutical ETF	PPH	103.83	1,027	18	7	14	13	11	11	9	11	9	8	7	8	8	7	6	5	7	7	D1	3	BF	AR	- 31	-0.32%	0.31%	-0.52%
	First Trust Health Care AlphaDEX Func	FXH	111.87	861	27	27	27	28	28	28	23	24	26	23	18	15	17	12	11	9	11	11	D3	3	AF	AR	- 33	1.34%	3.82%	-5.19%
	iShares U.S. Healthcare Providers ETF	IHF	44.00	715	30	30	30	30	28	28	29	29	29	30	26	16	20	15	14	14	16	13	D3	9	BF	BF	+ 8	3.53%	1.03%	-11.01%
	Invesco S&P 500 Equal Weight Health	RSPH	30.55	708	28	27	26	27	27	24	17	18	19	18	14	12	12	10	9	8	10	10	D2	3	BF	BR	- 30	0.96%	0.22%	-7.19%
	Invesco Pharmaceuticals ETF	PJP	103.56	398	23	17	20	21	18	15	15	16	13	12	12	12	13	9	7	4	5	5	D2	3	BF	AR	- 35	0.48%	1.85%	-1.35%
	VanEck Biotech ETF	BBH	186.53	367	27	22	25	25	18	18	14	15	15	8	6	5	10	6	4	4	3	2	D2	3	BF	AR	- 16	-0.67%	-0.04%	-3.50%
	State Street SPDR S&P Pharmaceutica	XPH	55.87	324	14	10	20	15	16	14	12	14	13	11	9	8	8	6	5	3	4	4	D2	3	AR	AR	- 35	2.11%	5.05%	0.32%
	Invesco Biotechnology & Genome ETF	PBE	78.84	245	26	19	24	24	26	26	18	18	17	13	10	9	11	7	5	4	5	6	D2	3	BF	AR	- 36	-0.03%	3.60%	-5.00%
	ALPS Medical Breakthroughs ETF	SBIO	53.98	136	4	2	11	6	5	7	7	7	8	4	2	1	1	1	1	1	1	1	U3	1	AR	AR	- 15	0.92%	8.37%	5.08%
	State Street SPDR S&P Health Care E	XHE	79.15	131	30	30	28	28	29	28	20	22	28	24	22	17	10	4	8	4	5	5	D3	2	BF	BF	- 11	1.20%	-0.29%	-14.19%
	Invesco S&P SmallCap Health Care E	PSCH	42.10	123	28	28	28	28	28	28	27	28	28	26	17	14	16	12	12	6	8	7	D3	3	AF	BR	+ 2	1.86%	5.80%	-7.03%
	Invesco Dorsey Wright Healthcare Mor	PTH	50.33	121	17	10	24	25	23	19	17	18	19	16	12	6	5	3	1	1	1	1	D3	3	AR	AR	- 16	1.28%	6.69%	1.53%
	State Street SPDR S&P Health Care S	XHS	102.66	89	28	28	27	27	26	24	23	23	22	24	16	12	13	10	9	7	9	8	D3	2	BF	AR	- 30	1.51%	-0.76%	-6.80%
	Virtus Biotech ETF	BBP	84.27	55	10	5	12	4	6	4	9	10	15	12	5	3	5	4	1	1	1	1	D1	3	AR	AR	- 16	0.68%	3.72%	4.27%
Virtus Biotech Clinical Trials ETF	BBC	43.40	35	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	1	AR	AR	- 15	1.32%	6.77%	9.73%	
First Trust Nasdaq Pharmaceuticals E	FTXH	34.03	29	14	5	5	10	10	10	9	11	9	8	7	8	9	7	5	4	5	5	D1	3	BR	AR	- 34	-0.50%	1.36%	1.82%	
EF-31	Materials																													
	iShares Silver Trust	SLV	69.08	37,507	3	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	4	AR	AR	- 6	3.47%	4.65%	6.70%	
	Sprott Physical Gold and Silver Trust U	CEF	48.52	9,397	9	6	8	14	1	1	1	1	1	1	1	1	1	1	1	1	1	D2	1	BF	AR	- 10	3.12%	-5.20%	-0.63%	
	State Street Materials Select Sector SF	XLB	51.96	7,298	3	4	3	12	9	9	7	8	7	9	9	8	12	11	13	12	16	16	D1	3	AR	AR	- 16	3.07%	6.10%	8.15%
	State Street SPDR S&P Metals & Minin	XME	113.56	4,798	9	6	11	27	11	12	7	8	6	4	3	3	3	3	4	3	3	4	D2	3	AF	AR	- 43	2.51%	4.22%	-2.80%
	Vanguard Materials ETF	VAW	236.20	3,125	4	4	4	14	10	10	7	8	7	9	9	7	10	10	12	11	14	14	D1	3	AR	AR	- 40	3.60%	6.62%	6.65%
	iShares U.S. Basic Materials ETF	IYM	185.46	1,484	1	2	3	3	6	6	4	5	5	7	7	5	7	8	9	8	12	12	D1	3	AR	AR	- 41	3.73%	7.23%	12.74%
	Sprott Gold Miners ETF	SGDM	82.56	763	1	2	11	27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	AR	AR	- 5	5.06%	5.98%	10.11%
	Fidelity MSCI Materials Index ETF	FMAT	60.46	577	4	4	4	14	10	10	7	8	7	9	9	7	9	9	12	11	14	14	D1	4	AR	AR	- 40	3.65%	6.66%	6.60%
	First Trust Materials AlphaDEX Fund	FXZ	79.62	378	1	1	2	8	5	6	5	5	5	5	6	5	6	6	8	7	10	10	D1	3	AR	AR	- 38	3.42%	7.95%	13.32%
	Invesco S&P 500 Equal Weight Mater	RSPM	39.72	188	2	2	2	9	7	7	6	6	5	7	7	7	9	9	11	10	14	14	D1	3	AR	AR	- 19	2.34%	4.80%	9.40%
	Invesco Dorsey Wright Basic Materials	PYZ	125.63	101	4	4	6	27	12	10	6	7	7	7	7	4	5	6	8	7	9	9	D1	3	AR	AR	- 41	3.33%	7.23%	4.04%
	Invesco S&P SmallCap Materials ETF	PSCM	102.18	20	1	1	2	8	7	7	5	4	3	4	6	5	5	5	7	6	7	7	U3	1	AR	AR	- 38	2.76%	10.32%	12.20%
	EF-32	Manufacturing																												
		State Street Industrial Select Sector SF	XLI	171.52	30,441	9	13	15	7	9	6	6	4	6	5	8	7	6	7	8	10	9	10	D1	1	AR	AR	- 6	4.53%	4.63%
iShares U.S. Aerospace & Defense ET		ITA	229.64	14,031	15	17	18	4	10	7	10	9	12	13	8	8	5	7	8	8	11	12	D1	4	BF	AR	- 123	3.48%	0.20%	-1.37%
Invesco Aerospace & Defense ETF		PPA	174.36	8,298	8	6	7	8	8	6	9	9	11	11	7	7	5	7	9	10	13	13	D1	3	BF	AR	- 50	2.76%	0.68%	1.58%
Vanguard Industrials ETF		VIS	331.80	7,520	6	10	12	12	12	11	10	10	11	11	12	12	10	13	12	12	14	13	D1	3	AR	AR	- 45	4.88%	5.07%	5.74%
State Street SPDR S&P Aerospace & I		XAR	267.81	6,066	12	10	15	10	9	6	8	8	11	9	6	5	4	4	7	7	11	11	D1	3	BF	AR	- 49	3.17%	1.02%	-3.15%
Fidelity MSCI Industrial Index ETF		FIDU	92.07	1,989	6	10	11	4	12	11	10	10	11	11	11	12	10	13	12	12	15	13	D1	4	AR	AR	- 45	5.01%	5.18%	6.17%
iShares U.S. Industrials ETF		IYJ	155.15	1,963	16	23	23	22	21	15	14	15	16	15	14	16	14	13	13	12	14	14	D2	3	AR	AR	- 44	4.34%	4.33%	0.50%
ARK Autonomous Technology & Robot		ARKQ	119.18	1,943	22	27	27	24	19	18	18	13	15	13	4	3	1	1	4	4	4	2	D2	4	AF	AR	- 10	3.72%	1.63%	-7.78%
First Trust Nasdaq Transportation ETF		FTXR	39.60	881	17	20	20	25	26	16	10	8	9	7	9	8	8	6	6	5	6	6	D2	3	BF	AR	- 38	3.80%	6.29%	-2.47%



		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
				10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19								
EF-32	Manufacturing																												
	First Trust Industrials/Producer Durable FXR	85.72	686	13	19	20	24	19	14	11	10	11	9	12	10	9	10	12	12	14	13	D2	3	AR	AR	- 39	4.56%	5.29%	-0.03%
	Invesco Dorsey Wright Industrials Morr PRN	217.28	363	1	4	4	3	6	7	4	1	2	4	4	4	2	8	9	18	8	11	U3	1	AR	AR	- 5	8.54%	14.03%	17.38%
	Invesco S&P SmallCap Industrials ETF PSCI	165.09	167	7	14	17	25	24	16	12	9	9	7	9	9	8	10	12	9	12	10	D2	3	AR	AR	- 40	5.39%	8.51%	2.86%
EF-33	Real Estate			16	16	22	21	11	10	16	17	17	22	17	18	16	18	17	17	17	19	D2	2	AR	AR	- 4	3.14%	2.23%	4.19%
	Vanguard Real Estate ETF	VNQ	92.98	35,800	15	17	22	21	13	15	18	19	19	24	19	21	19	22	20	19	22	D2	2	AR	AR	- 39	3.05%	1.97%	5.03%
	Schwab U.S. REIT ETF	SCHH	22.62	9,658	11	10	16	14	11	12	14	17	16	22	19	21	19	22	19	18	22	D1	3	AR	AR	- 39	3.24%	2.26%	7.63%
	State Street Real Estate Select Sector	XLRE	42.82	7,656	14	14	22	21	13	14	18	18	18	24	19	21	20	24	20	20	23	D2	2	AR	AR	- 10	2.91%	2.03%	6.44%
	iShares Global REIT ETF	REET	26.43	4,653	14	16	20	18	13	15	15	17	16	20	17	20	19	19	17	16	20	D2	2	AR	AR	- 44	3.36%	2.71%	4.86%
	iShares U.S. Real Estate ETF	IYR	99.02	4,258	16	17	22	22	13	15	18	19	19	24	19	21	19	23	20	19	22	D2	3	AR	AR	- 13	2.88%	1.84%	4.81%
	iShares Core U.S. REIT ETF	USRT	62.15	3,642	9	9	13	7	10	12	14	17	16	19	18	20	18	20	18	17	20	D1	3	AR	AR	- 38	3.24%	2.29%	7.71%
	iShares Select U.S. REIT ETF	ICF	65.22	2,054	8	8	15	10	10	11	14	17	15	23	19	21	19	23	20	19	23	D1	3	AR	AR	- 12	3.15%	2.24%	9.12%
	State Street SPDR Dow Jones REIT E RWR	105.84	1,758	12	10	15	13	11	12	14	17	16	19	18	20	17	19	17	15	19	16	D1	3	AR	AR	- 34	3.12%	2.15%	6.81%
	Fidelity MSCI Real Estate Index ETF	FREL	28.23	1,409	16	17	22	21	13	15	18	19	19	24	19	21	19	22	20	19	22	D2	3	AR	AR	- 39	3.07%	1.92%	4.73%
	iShares Residential and Multisector Re	REZ	87.06	827	18	17	21	20	7	8	16	17	16	23	27	27	22	28	29	29	27	D2	2	AR	AR	- 4	2.35%	-0.14%	4.34%
	iShares Mortgage Real Estate ETF	REM	22.28	567	19	24	27	28	27	24	23	23	21	22	15	12	9	13	11	12	13	D2	4	AF	AR	- 38	3.10%	4.66%	-2.48%
	VanEck Mortgage REIT Income ETF	MORT	10.26	397	20	25	27	28	27	25	23	23	22	23	15	12	9	13	11	12	14	D2	4	AF	AR	- 38	2.91%	4.49%	-2.82%
	Invesco KBW Premium Yield Equity RE	KBWY	16.15	267	12	18	20	14	16	14	18	18	19	18	15	15	13	15	16	17	18	D1	1	AR	AR	- 31	5.07%	4.74%	2.79%
	First Trust S&P REIT Index Fund	FRI	29.76	164	10	8	12	12	10	12	14	17	16	19	18	20	18	20	18	17	20	D1	3	AR	AR	- 38	3.02%	2.22%	7.60%
	Invesco S&P 500 Equal Weight Real E	RSPR	34.48	95	19	22	26	27	20	18	22	22	21	25	20	21	21	24	22	21	24	D2	3	AR	AF	- 8	2.22%	1.83%	2.80%
	Invesco Active U.S. Real Estate Fund	PSR	97.45	50	11	11	16	13	11	12	14	17	16	23	19	21	19	22	19	19	22	D1	3	AR	AR	- 42	3.37%	1.98%	7.38%
	Nuveen Short-Term REIT ETF	NURE	28.63	31	18	22	25	27	24	15	21	22	21	24	20	20	19	21	19	19	22	D2	3	AR	AF	- 9	3.20%	3.52%	1.77%
	US Diversified Real Estate ETF	PPTY	31.50	24	17	20	22	22	17	17	21	22	21	22	27	27	24	26	29	29	29	D2	3	AR	AR	- 5	3.22%	2.87%	2.77%
EF-34	Technology			19	26	27	25	26	27	27	27	27	25	15	14	13	11	11	11	10	10	D3	3	AR	AR	- 23	4.06%	4.52%	-1.74%
	Vanguard Information Technology ETF	VGIT	743.28	111,735	26	28	28	27	28	28	29	29	28	28	19	20	19	16	13	10	13	D3	5	AF	AR	- 42	4.30%	4.14%	-2.35%
	State Street Technology Select Sector	XLK	142.62	91,278	23	28	28	27	27	28	29	28	28	28	18	18	18	14	12	9	12	D3	4	AF	AR	- 43	4.88%	4.38%	-2.29%
	VanEck Semiconductor ETF	SMH	436.88	49,189	1	5	6	3	4	7	4	2	2	3	1	2	1	1	1	1	2	D1	4	AR	AR	- 7	11.36%	12.79%	12.25%
	iShares Semiconductor ETF	SOXX	386.60	24,781	1	4	4	3	8	12	6	5	5	5	4	4	4	4	5	5	6	U3	1	AR	AR	- 41	13.84%	16.76%	17.66%
	iShares U.S. Technology ETF	IYW	194.27	18,941	27	28	29	28	28	28	29	29	29	28	19	19	19	15	12	9	12	D3	5	AF	AR	- 43	4.80%	3.79%	-3.67%
	Fidelity MSCI Information Technology I	FTEC	221.67	16,027	26	28	28	27	28	28	29	28	28	28	19	20	19	16	12	10	13	D3	5	AF	AR	- 42	4.30%	4.17%	-2.33%
	iShares Expanded Tech-Software Sect	IGV	74.67	10,140	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	18	BF	BF	- 28	-7.06%	-11.31%	-28.89%
	First Trust NASDAQ Cybersecurity ETF	CIBR	60.74	9,199	30	30	30	29	28	30	30	30	30	30	27	26	26	25	24	20	22	D3	12	BF	BF	+ 12	-5.37%	-6.61%	-16.13%
	iShares Expanded Tech Sector ETF	IGM	127.70	8,390	24	28	29	27	28	28	29	29	28	28	18	19	18	14	12	9	11	D3	5	AF	AR	- 43	5.38%	4.69%	-2.60%
	First Trust Dow Jones Internet Index F	FDN	242.92	4,676	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	29	29	D3	18	AF	BF	- 29	1.62%	1.17%	-9.65%
	Invesco S&P 500 Equal Weight Techn	RSPT	47.61	4,157	15	14	22	13	19	26	22	22	19	20	14	14	14	12	11	8	11	D1	1	AR	AR	- 42	2.61%	4.36%	1.13%
	First Trust NASDAQ Technology Divid	TDIV	96.62	3,662	27	27	26	27	27	27	25	25	23	25	18	20	19	15	15	13	15	D3	3	AF	AR	- 44	2.30%	2.24%	-2.87%
	First Trust NASDAQ-100 Technology S	QTEC	226.37	2,728	27	28	28	27	28	28	29	28	28	29	22	18	20	15	19	19	16	D3	6	AF	AR	- 23	3.00%	3.17%	-5.62%
	State Street SPDR S&P Semiconducto	XSD	370.87	1,845	4	18	26	26	26	28	18	15	12	12	11	8	7	7	7	8	9	D2	3	AR	AR	- 41	10.18%	13.34%	6.66%
	First Trust Nasdaq Semiconductor ETF	FTXL	174.29	1,795	1	1	2	4	5	8	4	3	3	3	3	3	3	3	3	3	4	U3	1	AR	AR	- 41	13.79%	17.75%	20.09%
	State Street SPDR NYSE Technology I	XNTK	276.44	1,567	22	28	29	27	28	28	29	29	28	28	15	14	14	11	9	7	10	D3	4	AF	AR	- 45	6.24%	4.61%	-3.61%
	Invesco Semiconductors ETF	PSI	110.44	1,528	1	1	2	4	5	8	4	3	2	3	3	4	3	3	4	4	5	U3	1	AR	AR	- 40	13.24%	19.94%	24.28%
	First Trust Technology AlphaDEX Fund	FXL	166.25	1,339	27	27	27	27	28	28	29	28	28	27	27	20	19	18	22	22	18	D3	5	AF	AR	- 24	1.82%	3.78%	-4.54%
	iShares U.S. Tech Independence Focu	IETC	91.93	708	30	30	30	29	28	28	30	30	30	30	24	24	23	18	18	12	15	D3	10	AF	BF	+ 8	2.27%	0.78%	-10.42%
	Invesco NASDAQ Internet ETF	PNQI	45.39	535	30	30	30	30	30	30	30	30	30	30	30	30	30	29	29	29	27	D3	15	BF	BF	- 28	0.83%	-1.22%	-16.37%
	First Trust Indxx NextG ETF	NXTG	121.08	448	4	6	10	11	11	13	11	13	12	14	11	12	13	13	10	10	13	D1	3	AR	AR	- 47	6.18%	6.96%	10.22%

		Relative Strength Ranking - RSR																				% Price Δ							
		MKT																											
Group or Corp	Ticker	Price	Cap(MM)	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-34 Technology	Invesco S&P SmallCap Information Tech PSCT	64.64	376	4	5	5	4	9	16	11	10	6	6	6	3	1	3	4	4	3	2	U3	1	AR	AR	- 22	4.88%	9.02%	8.14%
	State Street SPDR S&P Software & Se XSW	135.97	363	30	30	30	30	30	30	30	30	30	30	30	30	29	30	29	29	28		D3	16	BF	BF	- 24	-6.17%	-9.06%	-28.55%
	iShares U.S. Digital Infrastructure and IDGT	107.72	189	1	1	3	2	5	8	11	12	11	24	18	21	20	23	18	17	19	16	U3	10	AR	AR	- 42	4.76%	9.31%	27.19%
	Invesco Next Gen Connectivity ETF KNCT	150.75	116	4	6	8	8	10	12	11	13	12	14	9	12	11	10	8	8	11	10	D1	3	AR	AR	- 45	6.02%	6.08%	8.57%
	State Street SPDR S&P Kensho Future FITE	88.64	111	22	14	25	15	16	15	25	23	22	21	11	7	7	7	11	10	13	11	D2	3	AF	AR	- 45	-0.76%	0.65%	-5.12%
	State Street SPDR FactSet Innovative XITK	149.61	55	30	30	30	30	30	30	30	30	30	30	30	29	30	28	30	30	30	30	D3	11	BF	BF	- 13	0.04%	-0.86%	-19.07%
	State Street SPDR S&P Kensho Smart HAIL	34.70	18	22	27	28	28	28	28	27	25	25	24	19	12	12	11	14	15	15	14	D3	2	AR	AR	- 42	4.45%	4.94%	-5.05%
EF-35 Transportation				6	10	19	23	26	16	6	5	6	3	11	9	8	7	8	9	9	8	D2	3	AR	AR	- 6	4.74%	11.04%	1.89%
	iShares US Transportation ETF IYT	77.37	1,714	17	17	22	20	26	16	12	12	15	11	14	14	13	10	11	10	12	10	D2	3	AR	AR	- 39	2.78%	5.99%	-0.44%
	State Street SPDR S&P Transportation XTN	102.03	244	3	5	13	25	27	17	9	8	9	5	9	8	7	7	8	7	9	7	D1	1	AR	AR	- 38	6.70%	16.51%	4.36%
EF-36 Utilities				13	9	8	18	8	12	15	18	18	27	19	21	20	22	17	18	18	19	D1	2	AR	AR	+ 1	1.74%	1.75%	7.31%
	State Street Utilities Select Sector SPD XLU	46.96	25,457	8	5	4	12	9	11	13	18	16	28	21	24	23	24	18	18	21	19	U3	9	AR	AR	- 109	1.34%	0.70%	11.24%
	Vanguard Utilities ETF VPU	202.89	8,966	10	6	4	12	9	12	14	18	17	28	20	24	22	23	18	18	21	19	U3	9	AR	AR	- 109	1.37%	0.81%	10.42%
	Fidelity MSCI Utilities Index ETF FUTY	60.52	2,527	10	6	4	6	9	12	14	18	17	28	20	24	22	23	18	18	21	19	U3	9	AR	AR	- 109	1.29%	0.78%	10.45%
	Invesco Water Resources ETF PHO	69.42	2,060	28	29	28	28	28	28	25	25	28	24	20	20	19	20	20	18	21	19	D3	4	BF	BF	+ 4	3.09%	3.36%	-4.69%
	First Trust Water ETF FIW	106.89	1,844	28	29	28	28	28	28	25	25	28	24	20	19	19	18	21	19	21	19	D3	4	BF	BF	+ 4	3.10%	2.71%	-5.86%
	iShares U.S. Utilities ETF IDU	118.54	1,707	11	5	4	5	9	11	13	18	17	28	21	24	23	24	18	18	22	20	U3	9	AR	AR	- 118	0.90%	0.37%	10.34%
	Virtus Reaves Utilities ETF UTES	82.08	1,461	20	20	15	27	17	24	18	23	23	30	25	27	25	26	19	20	23	21	D3	2	AR	AR	- 7	1.51%	0.94%	4.78%
	First Trust Utilities AlphaDEX Fund FXU	51.01	921	5	4	3	9	7	9	12	15	13	23	17	21	22	22	16	16	19	16	U3	11	AR	AR	- 119	1.35%	1.46%	13.81%
	Invesco S&P 500 Equal Weight Utilities RSPU	83.13	601	6	4	4	10	8	10	12	17	15	25	19	24	21	23	17	18	21	19	U3	10	AR	AR	- 119	1.21%	0.87%	12.27%
	Invesco Dorsey Wright Utilities Momen PUI	48.37	80	8	6	4	12	10	14	16	18	17	27	20	24	24	25	19	20	22	19	U3	3	AR	AR	- 118	1.60%	2.22%	11.73%
GLOBAL/INTL	Invesco S&P SmallCap Utilities & Com PSCU	63.38	15	5	4	6	14	14	15	25	25	24	28	17	19	19	19	17	15	18	14	U3	11	AR	AR	- 29	2.43%	7.95%	9.58%
EF-37 Global Index (Intl)	Global Index (Intl)			12	15	19	19	14	15	12	13	14	14	11	11	12	11	9	9	10	10	D2	3	AR	AR	- 6	3.89%	4.79%	2.77%
	Vanguard FTSE Developed Markets E` VEA	67.74	217,280	6	9	15	14	13	13	9	10	11	12	9	10	11	10	9	8	11	11	D1	4	AR	AR	- 59	4.80%	6.32%	5.15%
	iShares MSCI EAFE ETF EFA	102.18	75,409	12	14	22	24	17	16	9	9	8	12	10	13	11	11	11	11	13	15	D2	3	AR	AR	- 6	4.27%	6.11%	3.41%
	Vanguard Total World Stock ETF VT	144.98	66,654	17	23	25	24	24	22	18	18	19	18	14	15	15	13	11	10	13	12	D2	3	AF	AR	- 45	4.03%	4.16%	0.51%
	iShares Core MSCI Total International : IXUS	91.33	55,163	8	13	19	20	14	14	8	7	7	10	7	9	10	9	8	10	10	14	D1	1	AR	AR	- 6	4.87%	6.14%	4.57%
	iShares MSCI ACWI ETF ACWI	145.04	29,791	18	25	26	25	24	24	18	18	19	18	16	17	17	16	13	13	13	16	D2	4	AF	AR	- 28	4.02%	3.94%	0.20%
	iShares Global 100 ETF IOO	127.50	8,007	19	27	27	27	26	26	23	22	23	18	16	19	16	12	6	6	6	7	D3	2	AF	AR	- 22	4.53%	4.18%	-0.75%
	iShares MSCI World ETF URTH	188.38	7,742	19	25	26	26	25	24	22	21	21	20	18	19	19	17	14	14	14	16	D2	4	AF	AR	- 28	3.66%	3.65%	-0.61%
	Franklin U.S. Equity Index ETF USPX	59.31	1,717	25	27	27	27	26	27	25	25	27	24	16	18	18	15	12	10	13	12	D3	2	AF	AR	- 43	3.58%	2.75%	-2.26%
	State Street SPDR Portfolio MSCI Glob SPGM	79.46	1,502	17	22	25	24	22	21	17	17	18	18	16	15	15	15	13	12	11	13	D2	3	AR	AR	- 24	4.17%	4.55%	1.06%
	Cambria Shareholder Yield ETF SYLD	76.57	923	6	4	4	4	11	12	14	14	12	12	13	13	12	12	13	12	14	11	D1	4	AR	AR	- 37	1.34%	4.97%	4.74%
	State Street SPDR Global Dow ETF DGT	176.02	568	12	10	15	16	13	15	13	15	14	14	12	13	14	13	10	9	11	11	D1	3	AR	AR	- 124	2.92%	4.10%	3.88%
	Cambria Global Value ETF GVAL	35.46	567	3	5	5	6	13	13	9	8	8	7	5	7	8	9	8	7	10	9	D1	4	AR	AR	- 61	5.63%	9.86%	9.25%
	Davis Select Worldwide ETF DWLD	45.29	551	26	27	27	27	27	26	22	22	23	19	16	16	17	8	5	4	6	7	D3	1	AF	AR	- 12	3.38%	2.64%	-4.67%
	iShares Currency Hedged MSCI ACWI HAWX	42.79	327	7	8	11	14	8	12	8	7	11	10	8	9	7	7	5	6	7	8	D1	4	AR	AR	- 6	3.89%	4.73%	4.37%
	State Street Global Allocation ETF GAL	51.00	296	17	18	18	18	17	18	19	19	19	19	15	16	17	15	13	12	14	14	D2	3	AR	AR	- 48	2.53%	2.93%	1.47%
	Xtrackers MSCI All World ex US Hedge DBAW	44.67	241	7	8	11	10	8	10	8	10	8	10	10	9	9	7	8	5	6	7	D1	4	AR	AR	- 6	3.83%	4.98%	4.86%
	First Trust Developed Markets ex-US S FDTS	67.99	14	2	4	3	6	7	6	4	4	4	7	6	7	9	9	8	8	10	10	D1	3	AR	AR	- 59	4.76%	5.64%	12.25%
EF-38 Ex-US (Intl)				8	11	18	19	13	11	7	7	7	8	9	9	11	10	8	9	10	10	D1	1	AR	AR	- 6	4.31%	5.87%	4.19%
	iShares Core MSCI EAFE ETF IEFA	95.32	179,564	11	14	22	24	17	16	9	8	8	12	9	11	12	11	12	12	14	16	D2	3	AR	AR	- 6	4.28%	6.17%	3.45%

		Relative Strength Ranking - RSR																				% Price Δ							
		Price	MKT Cap(MM)	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
Group or Corp	Ticker			10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19								
EF-38	Ex-US (Intl)																												
	Vanguard Total International Stock ETF VXUS	81.27	140,989	7	13	18	18	14	15	11	12	12	14	10	10	12	11	9	9	12	12	D1	1	AR	AR	- 60	4.89%	6.01%	4.53%
	Vanguard FTSE All-World ex-US Index VEU	79.21	62,623	7	12	18	17	14	15	11	12	12	13	10	10	12	11	9	9	12	12	D1	1	AR	AR	- 60	4.80%	5.97%	4.44%
	Schwab International Equity ETF SCHF	26.15	61,986	6	9	15	15	10	8	6	7	6	8	6	7	8	8	5	7	7	9	D1	1	AR	AR	- 6	4.68%	6.21%	5.19%
	State Street SPDR Portfolio Developed SPDW	48.19	38,470	6	10	15	15	10	8	6	7	6	8	6	8	8	8	6	7	8	11	D1	1	AR	AR	- 6	4.67%	6.12%	5.01%
	Schwab Fundamental International Eq FNDF	51.18	22,739	4	4	4	4	4	4	2	3	2	4	3	4	5	6	4	4	5	5	D1	3	AR	AR	- 5	3.98%	6.69%	9.97%
	Vanguard FTSE All-World ex-US Small VSS	153.96	11,216	10	15	19	20	14	10	7	7	8	12	6	7	11	14	13	13	15	18	D1	1	AR	AR	- 5	4.96%	5.52%	4.17%
	iShares MSCI ACWI ex U.S. ETF ACWX	72.29	10,829	8	14	19	20	14	14	7	7	7	9	7	9	9	9	6	8	8	13	D1	1	AR	AR	- 6	4.87%	6.00%	4.39%
	Xtrackers MSCI EAFE Hedged Equity I DBEF	51.58	8,683	9	8	15	18	10	14	10	10	12	13	14	14	8	8	7	8	10	9	D1	4	AR	AR	- 6	3.08%	4.88%	3.35%
	iShares Currency Hedged MSCI EAFE HEFA	44.32	7,133	10	7	15	18	9	14	10	10	12	13	14	14	8	8	6	8	10	8	D1	4	AR	AR	- 6	2.83%	4.68%	3.38%
	Goldman Sachs ActiveBeta International GSIE	45.21	5,570	11	12	19	22	17	16	12	14	13	15	12	13	14	13	10	9	12	12	D1	1	AR	AR	- 60	3.76%	5.89%	3.29%
	iShares International Equity Factor ETF INTF	40.89	3,320	6	6	12	14	10	10	7	7	6	8	6	9	9	8	5	6	7	9	D1	4	AR	AR	- 6	3.91%	6.68%	5.33%
	State Street SPDR MSCI ACWI ex-US CWI	38.60	2,590	9	14	20	20	14	14	8	7	7	10	8	9	10	9	5	8	8	10	D1	1	AR	AR	- 6	4.95%	6.07%	4.24%
	Franklin International Core Dividend Til DIVI	41.94	2,433	6	9	15	15	14	15	11	12	11	13	10	11	12	11	9	8	12	11	D1	1	AR	AR	- 59	4.48%	6.60%	5.24%
	Pacer Developed Markets International ICOW	43.86	1,730	4	4	3	3	4	3	6	8	9	11	9	9	11	8	8	10	10	9	D1	3	AR	AR	- 58	2.48%	5.38%	10.49%
	NYLI FTSE International Equity Current HFXI	35.41	1,508	6	6	11	8	12	13	9	10	11	12	9	10	10	10	8	8	11	11	D1	4	AR	AR	- 61	4.18%	5.97%	5.53%
	WisdomTree Dynamic International Eq DDWM	46.00	1,346	12	12	17	21	15	15	12	14	15	15	12	13	13	12	10	10	12	13	D1	1	AR	AR	- 124	3.42%	5.16%	2.90%
	John Hancock Multifactor Developed Ir JHMD	44.63	1,254	6	10	16	20	14	13	8	7	6	8	6	11	10	10	9	7	15	15	D1	1	AR	AR	- 6	4.59%	6.52%	4.96%
	State Street SPDR S&P International S GWX	44.29	886	7	10	13	12	10	7	5	7	6	8	5	6	10	12	12	11	13	16	D1	4	AR	AR	- 5	3.99%	5.03%	5.38%
	WisdomTree International Equity Fund DWM	73.34	675	8	10	17	20	16	15	12	13	13	14	12	13	14	13	11	10	13	13	D1	1	AR	AR	- 59	3.87%	6.06%	4.28%
	FlexShares Morningstar Developed Ma TLTD	98.68	632	8	10	17	20	15	14	10	11	11	13	9	10	11	10	8	8	11	11	D1	1	AR	AR	- 60	3.92%	5.97%	3.83%
	Invesco International BuyBack Achieve IPKW	57.93	533	8	6	11	13	13	15	12	13	13	12	9	11	12	11	8	7	10	10	D1	3	AR	AR	- 62	2.44%	5.44%	4.07%
	WisdomTree Dynamic International Smr DDLS	44.99	459	13	14	21	22	19	14	12	14	14	15	13	13	14	13	12	12	13	14	D2	3	AR	AR	- 122	3.16%	5.14%	1.93%
	Vident International Equity Strategy ET VIDI	37.82	424	4	4	4	4	10	10	7	7	8	9	6	7	9	9	8	7	10	10	D1	4	AR	AR	- 122	4.16%	6.99%	9.07%
	Invesco RAFI Developed Markets ex-U PDN	45.54	383	6	7	12	15	13	13	10	11	11	13	10	10	13	12	11	10	13	13	D1	3	AR	AR	- 58	3.94%	6.22%	5.43%
	Davis Select International ETF DINT	27.99	274	25	27	27	28	28	28	20	19	20	18	13	11	12	8	4	6	16	15	D2	4	AF	AR	- 9	4.14%	4.07%	-4.75%
	iShares Currency Hedged MSCI EAFE HSCZ	41.65	206	10	10	15	19	11	8	10	10	12	13	13	10	8	8	11	9	13	11	D1	1	AR	AR	- 6	3.67%	5.12%	3.01%
	VanEck Morningstar International Moat MOTI	35.09	189	29	29	29	29	28	28	23	22	21	21	17	14	16	15	19	19	20	21	D3	2	BF	BR	- 8	2.03%	-0.28%	-8.33%
	First Trust International Equity Opportu FPXI	68.17	174	3	14	22	22	17	15	11	11	11	15	12	10	15	13	13	12	15	14	D1	1	AR	AR	- 47	8.95%	10.57%	9.55%
	First Trust Riverfront Dynamic Develop RFDI	86.02	152	6	7	12	14	13	15	12	12	12	12	9	11	13	12	8	8	11	11	D1	3	AR	AR	- 59	3.81%	6.25%	5.18%
	AdvisorShares Dorsey Wright ADR ETI AADR	86.82	46	25	28	28	29	28	27	14	13	13	15	11	8	10	12	11	10	14	13	D2	3	BF	AR	- 125	4.28%	5.35%	-3.09%
	Renaissance International IPO ETF IPOS	20.52	9	1	6	18	5	7	3	5	3	2	8	3	3	6	5	16	19	12	20	D1	4	AR	AR	- 5	10.82%	11.54%	11.40%
EF-39	Dividend (Intl)																												
	Vanguard International High Dividend Y YIMI	98.41	18,812	8	6	10	8	10	8	10	9	9	10	10	12	13	12	9	9	10	10	D1	4	AR	AR	- 6	2.85%	4.98%	5.20%
	Fidelity High Dividend ETF FDVV	57.23	8,853	20	24	25	25	23	20	20	18	19	18	15	18	18	16	12	12	14	13	D2	3	AF	AR	- 43	2.93%	2.75%	0.89%
	Vanguard International Dividend Apprec VIGI	91.12	8,678	23	25	26	27	27	26	18	19	18	21	17	18	18	15	14	13	15	15	D2	4	AF	AR	- 50	2.07%	3.29%	-1.86%
	Franklin International Low Volatility Hi LVHI	41.18	4,761	4	2	3	3	3	3	8	9	10	10	12	11	11	8	8	10	10	U3	48	AR	AR	- 175	0.88%	3.57%	10.39%	
	Pacer Global Cash Cows Dividend ETF GCOW	46.38	3,346	4	2	2	2	2	3	7	9	8	9	8	11	14	13	9	9	12	11	U3	48	AR	AR	- 59	0.22%	2.52%	11.84%
	Xtrackers MSCI EAFE High Dividend Y HDEF	33.18	2,314	7	5	5	4	11	13	11	13	12	14	12	16	18	16	11	10	13	13	D1	3	AR	AR	- 59	1.84%	4.03%	7.59%
	WisdomTree International Hedged Que IHDG	50.48	2,259	15	17	23	27	19	20	15	15	17	15	13	13	11	10	10	10	12	12	D2	3	AR	AR	- 42	3.32%	4.26%	-0.39%
	First Trust Dow Jones Global Select Div FGD	32.65	1,321	6	5	5	10	11	11	9	8	9	11	9	12	13	12	8	8	10	10	D1	3	AR	AR	- 59	1.87%	5.02%	6.87%
	Global X Superdividend ETF SDIV	25.81	1,259	6	11	11	12	12	10	12	14	13	13	10	10	12	13	12	12	14	12	D1	3	AR	AR	- 46	2.54%	5.71%	6.57%
	iShares International Dividend Growth IIGRO	86.91	1,225	13	12	18	20	16	16	12	14	13	15	13	14	14	13	11	11	13	13	D1	1	AR	AR	- 57	2.84%	4.94%	2.87%
	FlexShares International Quality Divide IQDF	33.15	1,091	6	6	7	5	12	12	10	10	10	11	8	9	10	10	8	8	11	11	D1	4	AR	AR	- 59	4.21%	6.24%	6.10%
	WisdomTree International SmallCap Div DLS	85.91	1,044	10	14	19	20	17	13	12	13	12	15	12	12	14	13	12	12	14	14	D1	1	AR	AR	- 58	4.36%	6.02%	3.52%
	Invesco International Dividend Achieve PID	22.63	894	18	12	14	14	13	14	14	16	15	17	14	14	16	13	12	12	14	13	D1	3	BR	AR	- 58	0.84%	1.67%	2.84%

		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
				10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19								
EF-39	Dividend (Intl)																												
	WisdomTree International Quality Divid IQDG	42.61	727	16	24	26	27	26	24	14	15	15	15	12	12	13	12	10	10	13	13	D2	3	AF	AR	- 48	4.69%	6.02%	-0.43%
	Fidelity Dividend ETF for Rising Rates FDRR	61.03	662	20	25	25	25	24	24	23	20	21	18	14	17	17	13	10	9	12	10	D2	4	AF	AR	- 42	3.16%	3.16%	-0.69%
	Cambria Foreign Shareholder Yield ET FYLD	38.15	628	2	2	2	2	7	6	6	7	7	8	7	9	12	12	9	9	12	11	U3	49	AR	AR	- 56	2.28%	6.23%	14.79%
	ALPS International Sector Dividend Do IDOG	43.17	533	3	3	3	3	9	10	9	10	11	11	9	11	14	12	8	8	10	9	U3	1	AR	AR	- 59	2.52%	7.44%	11.14%
	Fidelity International High Dividend ETF FIDI	28.44	310	4	4	4	3	10	11	9	11	10	12	10	12	13	12	8	8	11	10	D1	3	AR	AR	- 58	2.16%	6.24%	9.07%
	State Street SPDR S&P Global Dividen WDIV	79.44	256	12	11	9	13	14	13	12	13	12	14	12	14	15	14	11	10	14	13	D1	3	AR	AR	- 57	2.83%	4.25%	4.34%
	Global X SuperDividend REIT ETF SRET	22.03	222	18	23	25	26	16	15	18	19	18	18	15	14	13	15	12	13	14	14	D2	2	AF	AR	- 58	3.39%	2.36%	0.93%
	First Trust S&P International Dividend / FID	21.58	158	13	12	11	13	14	13	12	13	12	14	11	14	15	14	11	10	13	13	D1	3	AR	AR	- 57	2.81%	4.31%	4.31%
	Franklin U.S. Core Dividend Tilt Index F UDIV	53.89	110	18	25	25	24	24	25	23	22	23	20	15	17	17	15	13	11	13	12	D2	4	AF	AR	- 43	3.61%	3.04%	-0.04%
	FlexShares International Quality Divid IQDY	40.05	100	5	6	7	7	13	14	10	10	10	10	7	8	9	9	8	7	10	10	D1	4	AR	AR	- 60	4.99%	7.55%	6.43%
	First Trust Dorsey Wright Momentum & DDIV	42.45	66	16	21	25	27	27	26	20	17	17	15	13	14	12	11	9	8	11	10	D2	3	AF	AR	- 39	3.78%	7.12%	-0.53%
	WisdomTree International AI Enhancer AIVI	57.04	63	4	5	6	12	12	13	9	9	9	11	10	12	14	13	10	9	12	12	D1	3	AR	AR	- 58	4.53%	7.15%	8.98%
	ProShares MSCI EAFE Dividend Grow EFAD	42.30	62	20	24	26	27	26	26	19	22	22	24	19	20	21	18	17	16	19	19	D2	3	AF	AR	- 55	2.53%	3.82%	-0.25%
	Global X MSCI SuperDividend EAFE E EFAS	21.81	41	2	7	7	6	9	9	9	11	12	13	10	15	17	14	10	9	13	14	U3	19	AR	AR	- 59	1.97%	7.42%	12.80%
	Global X Renewable Energy Producers RNRG	38.26	31	3	4	4	3	5	4	8	7	6	7	4	5	8	8	5	8	15	7	U3	1	AR	AR	- 5	3.03%	8.30%	11.65%
EF-40	Thematic/Multi-Factor (Intl)			9	10	16	16	11	10	8	8	8	10	10	11	12	11	9	9	10	10	D1	1	AR	AR	- 6	4.00%	5.31%	4.25%
	iShares MSCI EAFE Value ETF EFV	77.73	30,004	6	5	7	9	8	8	5	6	6	5	5	9	8	9	5	4	6	6	D1	4	AR	AR	- 6	3.63%	6.93%	7.24%
	iShares MSCI EAFE Growth ETF EFG	118.46	14,879	18	25	27	27	26	26	14	15	15	18	16	15	16	15	19	21	20	22	D2	4	AF	AR	- 6	4.99%	5.32%	-0.53%
	iShares MSCI EAFE Small-Cap ETF SCZ	82.81	14,276	11	16	22	24	19	11	8	8	8	12	10	10	13	14	13	15	18	19	D2	3	AR	AR	- 5	4.84%	6.40%	3.15%
	iShares MSCI Intl Quality Factor ETF IQLT	48.54	12,664	11	13	20	22	15	16	10	12	13	15	12	13	12	14	13	14	16	19	D2	3	AR	AR	- 6	4.12%	5.59%	3.56%
	iShares MSCI EAFE Min Vol Factor ET EFVAV	93.18	5,470	8	5	5	4	7	8	10	12	11	15	17	21	23	23	20	19	20	21	D1	3	AR	AR	- 4	1.24%	3.72%	6.66%
	Schwab International Small-Cap Equity SCHC	49.15	5,456	8	12	18	20	14	7	6	7	6	8	5	5	9	9	12	11	11	15	D1	1	AR	AR	- 5	4.64%	5.79%	4.37%
	iShares MSCI Intl Value Factor ETF IVLU	41.58	3,979	6	5	6	7	8	7	4	4	3	4	3	5	5	6	4	4	4	5	D1	4	AR	AR	- 6	3.64%	6.92%	6.53%
	iShares MSCI Intl Momentum Factor E IMTM	51.63	3,831	6	14	24	26	21	18	9	8	11	12	7	9	8	9	9	11	10	14	D2	3	AR	AR	- 6	5.80%	8.35%	3.88%
	iShares Future Exponential Technology XT	70.97	3,573	20	25	26	26	22	24	19	18	18	18	13	11	10	8	9	7	6	7	D2	4	AF	AR	- 23	3.35%	2.69%	-1.69%
	Invesco S&P International Developed I IDMO	59.20	3,540	6	12	22	26	18	15	12	13	15	15	11	12	12	12	8	8	10	11	D2	3	AR	AR	- 174	5.94%	8.32%	4.79%
	iShares MSCI Global Min Vol Factor ET ACWV	119.98	3,275	26	20	20	18	15	17	18	22	20	23	25	27	27	27	28	28	26	26	D2	3	BF	AR	- 5	0.07%	-0.54%	0.43%
	Schwab Fundamental International Sm FNDC	48.79	3,274	6	8	12	14	12	8	6	7	6	8	6	8	11	14	13	14	15	17	D1	4	AR	AR	- 5	4.45%	6.83%	6.23%
	First Trust Developed Markets ex-US A FDT	92.32	1,144	2	4	4	8	8	7	4	4	5	7	6	7	8	8	8	7	10	9	D1	3	AR	AR	- 61	5.34%	6.60%	11.52%
	State Street SPDR MSCI EAFE Strategie QEFA	96.92	1,081	11	8	15	15	11	13	8	9	8	12	10	14	14	15	13	12	15	16	D1	4	AR	AR	- 5	2.81%	4.97%	4.26%
	Invesco S&P International Developed I IDHQ	37.91	724	7	17	21	22	16	15	10	12	11	13	9	10	11	10	9	9	13	13	D2	3	AR	AR	- 58	6.37%	6.69%	3.69%
	iShares International SmallCap Equity I ISCF	44.17	627	12	15	22	22	17	10	9	10	11	12	7	8	10	13	13	14	16	18	D2	3	AR	AR	- 6	4.51%	5.81%	3.10%
	Fidelity International Value Factor ETF FIVA	36.55	530	6	6	11	10	12	12	9	8	9	9	7	8	9	8	7	6	8	8	D1	4	AR	AR	- 59	3.98%	6.46%	4.67%
	State Street SPDR MSCI EAFE Fossil EFAX	52.66	495	14	22	26	27	25	21	11	12	12	14	13	14	13	13	13	12	15	16	D2	3	AR	AR	- 6	4.78%	6.08%	1.40%
	PIMCO RAFI Dynamic Multi-Factor Int MFDX	41.63	441	6	6	14	15	12	13	10	12	11	13	10	12	13	12	10	10	13	13	D1	3	AR	AR	- 59	3.93%	5.89%	6.17%
	Invesco S&P International Developed I IDLV	35.50	373	12	10	9	12	13	14	13	15	15	18	15	17	19	17	13	12	14	15	D1	3	AR	AR	- 59	2.36%	3.15%	4.84%
	JPMorgan Diversified Return Internatio JPIN	73.91	362	6	6	7	12	12	13	10	11	11	14	11	12	14	13	11	10	13	13	D1	3	AR	AR	- 57	3.24%	5.28%	6.28%
	VictoryShares International Value Mom UIVM	71.32	321	4	11	11	10	11	11	7	8	9	10	8	10	12	11	8	8	11	11	D1	3	AR	AR	- 59	4.18%	6.74%	8.58%
	Alpha Architect International Quantitati IVAL	35.38	208	4	4	10	10	10	10	6	8	7	8	9	10	13	12	9	8	11	11	D1	2	AR	AR	- 58	3.90%	6.27%	10.11%
	ProShares DJ Brookfield Global Infrastr TOLZ	61.54	187	4	3	3	6	7	7	9	12	10	16	14	18	20	21	15	15	19	16	U3	22	AR	AR	- 121	1.50%	2.02%	14.72%
	State Street SPDR MSCI World Strategy QWLD	147.21	184	18	18	21	20	16	16	16	17	17	17	17	19	20	19	17	16	18	19	D2	3	AR	AR	- 6	2.13%	2.18%	1.03%
	iShares Global Equity Factor ETF GLOF	54.70	178	17	21	24	22	20	20	18	17	18	18	16	19	19	17	15	14	16	16	D2	3	AR	AR	- 6	4.04%	4.43%	1.47%
	Alpha Architect International Quantitati IMOM	43.37	147	3	6	12	4	6	3	1	2	2	4	3	3	1	1	4	4	4	4	D1	4	AR	AR	- 6	6.86%	8.41%	6.02%
	Affinity World Leaders Equity ETF WLDR	39.09	66	5	5	5	3	9	11	11	11	10	11	8	11	10	10	8	7	10	10	D1	3	AR	AR	- 45	3.28%	3.62%	6.63%
	ProShares Online Retail ETF ONLN	55.95	64	28	30	30	29	28	28	29	30	30	30	20	16	15	12	14	12	14	11	D3	9	AF	BR	+ 5	5.24%	4.83%	-10.70%

			Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-40	Thematic/Multi-Factor (Intl)																													
	Hartford Multifactor Small Cap ETF	ROSC	50.35	52	7	6	5	12	13	14	15	15	13	12	12	10	10	11	8	10	8	D1	3	AR	AR	- 38	3.04%	5.41%	3.41%	
	AXS Knowledge Leaders ETF	KNO	55.15	40	12	16	18	12	10	13	8	8	8	14	11	14	16	15	17	19	20	21	D1	1	AR	AR	- 5	4.53%	4.07%	3.43%
	Alpha Architect Global Factor Equity E1 AAVM		33.22	22	4	5	5	4	7	6	4	4	4	5	4	5	5	5	4	7	8	D1	4	AR	AR	- 5	4.81%	7.44%	7.44%	
	Abacus FCF International Leaders ETF ABLG		31.63	18	20	28	27	28	28	27	20	22	20	21	15	15	17	14	12	12	14	14	D3	1	AF	AR	- 45	5.80%	6.83%	-1.77%
	First Trust Horizon Managed Volatility L HDMV		38.14	17	8	6	11	6	8	9	8	11	8	13	16	19	24	23	20	20	21	23	D1	3	AR	AR	- 5	2.75%	4.55%	6.78%
	SECTORS (Intl)																													
EF-41	Consumer Disc. (Intl)																													
	iShares Global Consumer Discretionary RXI		194.48	263	29	30	30	30	30	29	28	29	28	16	14	15	11	11	11	11	11	D3	5	BF	BR	- 11	4.06%	1.94%	-11.86%	
	Amplify Online Retail ETF	IBUY	64.00	112	30	30	30	30	30	30	30	30	30	29	28	26	20	26	18	20	19	D3	10	BF	BF	- 12	2.26%	1.90%	-16.83%	
	KraneShares Emerging Markets Const KEMQ		23.44	42	29	30	30	30	29	30	26	22	23	19	5	5	6	6	5	12	14	16	D3	2	BF	BR	- 9	5.43%	1.63%	-10.79%
EF-42	Communications (Intl)																													
	iShares Global Comm Services ETF	IXP	118.28	585	30	30	30	30	29	30	30	30	29	17	19	22	17	14	16	16	16	D3	9	BF	BF	- 28	2.96%	-2.39%	-13.52%	
	Global X Social Media ETF	SOCL	44.15	91	27	28	27	27	25	26	25	26	28	16	25	28	23	20	16	19	20	D3	2	BF	BR	- 28	2.85%	0.07%	-2.95%	
																						D3	10	BF	BF	- 11	3.07%	-4.81%	-23.13%	
EF-43	Consumer Staples (Intl)																													
	iShares Global Consumer Staples ETF KXI		67.92	1,002	5	4	3	3	3	4	5	4	4	6	11	13	15	17	16	17	18	18	D1	3	AR	AR	- 4	1.60%	1.82%	10.99%
	iShares MSCI Agriculture Producers E VEGI		46.35	169	19	15	11	13	6	8	6	9	6	8	17	20	23	27	29	28	27	27	D1	3	BF	AR	- 4	0.92%	-1.21%	4.14%
	First Trust Indxx Global Agriculture ETF FTAG		30.46	15	2	2	2	3	2	3	3	2	2	6	7	14	17	25	29	29	29	29	U3	12	AR	AR	- 3	1.02%	1.60%	16.28%
																						D1	3	AR	AR	- 48	2.86%	5.12%	12.73%	
EF-44	Energy (Intl)																													
	iShares Global Energy ETF	IXC	54.78	2,736	1	1	1	1	1	1	3	3	3	4	7	11	13	15	11	13	14	14	U3	13	AR	AR	+ 12	-0.81%	2.16%	21.69%
	iShares U.S. Power Infrastructure ETF POWR		27.01	153	1	1	1	1	1	1	2	2	3	3	6	10	19	13	18	23	26	U3	24	AR	AR	+ 14	-3.01%	1.39%	27.81%	
	VanEck Oil Refiners ETF	CRAK	47.46	135	4	4	3	3	8	11	12	14	13	19	15	20	20	23	16	17	20	17	U3	11	AR	AR	- 41	3.25%	3.58%	15.51%
																						U3	12	AR	AR	+ 11	-2.66%	1.30%	21.38%	
EF-45	Financials (Intl)																													
	iShares Global Financials ETF	IXG	119.25	543	27	28	29	29	29	28	28	27	27	22	14	16	14	12	9	9	10	11	D3	3	AF	BR	- 10	3.11%	5.41%	-8.25%
	Davis Select Financial ETF	DFNL	46.85	465	20	26	27	27	28	28	24	22	23	18	17	21	18	15	9	8	6	11	D3	1	AF	AR	- 11	3.89%	7.06%	-2.78%
	Invesco Global Listed Private Equity E1 PSP		57.66	230	20	26	27	27	28	27	25	18	19	13	15	16	10	6	4	3	5	5	D2	5	AF	AR	- 11	3.54%	5.96%	-5.16%
																						D3	8	BF	BF	+ 7	1.90%	3.51%	-16.30%	
EF-46	Healthcare (Intl)																													
	iShares Global Healthcare ETF	IXJ	94.58	3,656	28	27	27	28	27	26	16	19	18	18	11	8	9	8	8	7	7	8	D3	1	BF	AR	- 11	-0.44%	1.17%	-6.55%
	ARK Genomic Revolution ETF	ARKG	26.68	1,051	27	27	26	27	24	20	14	17	15	15	14	9	10	6	5	4	5	5	D2	4	BF	AR	- 11	0.50%	0.30%	-5.05%
	Global X Aging Population ETF	AGNG	36.20	84	30	29	30	30	30	28	24	28	29	29	14	3	3	6	13	11	6	5	D3	5	BF	BR	- 11	-2.49%	1.21%	-12.67%
																						D2	3	BF	AR	- 6	0.66%	1.81%	-2.30%	
EF-47	Materials (Intl)																													
	VanEck Gold Miners ETF	GDX	99.39	30,866	3	3	4	13	3	2	1	1	1	1	2	2	3	3	3	2	2	3	D1	3	AR	AR	- 6	3.97%	4.90%	7.63%
	VanEck Junior Gold Miners ETF	GDXJ	128.84	9,764	2	4	16	28	3	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	1	AR	AR	- 6	5.07%	6.57%	7.38%
	FlexShares Morningstar Global Upstre GUNR		55.71	7,657	3	4	21	28	2	1	1	1	1	1	1	1	1	1	1	1	1	D2	2	BR	AR	- 6	5.44%	3.96%	5.65%	
	Global X Copper Miners ETF	COPX	83.52	7,482	1	1	2	2	4	5	4	6	6	8	6	6	8	10	8	7	11	10	U3	48	AR	AR	- 46	0.51%	3.30%	18.07%
	Global X Uranium ETF	URA	50.96	7,012	1	4	5	14	2	1	1	1	1	1	1	1	1	1	1	1	1	D1	4	AF	AR	- 6	8.67%	9.33%	7.71%	
	Global X Silver Miners ETF	SIL	96.66	5,542	12	16	24	27	8	16	4	3	6	4	1	1	1	1	5	15	18	10	D2	3	AF	AR	- 6	4.21%	3.39%	1.29%
	Amplify Junior Silver Miners ETF	SILJ	31.41	4,226	1	2	5	26	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	BR	AR	- 6	4.33%	2.50%	7.68%	
	iShares MSCI Global Gold Miners ETF	RING	85.90	3,470	3	2	7	27	1	1	1	1	1	1	1	1	1	1	1	1	1	D2	1	BF	AR	- 6	2.61%	-0.13%	2.78%	
	VanEck Rare Earth and Strategic Meta REMX		94.50	2,738	2	3	13	28	3	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	AR	AR	- 6	5.15%	6.17%	8.08%	
	iShares MSCI Global Metals & Mining F PICK		61.29	1,906	1	2	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	AR	AR	- 6	6.30%	5.57%	11.20%	
																						D1	4	AR	AR	- 6	6.87%	10.71%	12.60%	



		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-47	Materials (Intl)																												
	Direxion Daily Gold Miners Index Bull 2 NUGT	219.27	1,250	1	4	30	30	7	2	1	2	1	2	2	1	1	1	1	1	1	1	D2	3	BR	AR	- 59	9.98%	9.77%	3.14%
	iShares MSCI Global Silver Miners ETF SLVP	38.34	1,051	3	3	15	27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	D2	2	BF	AR	- 6	4.21%	3.37%	2.57%
	Direxion Daily Junior Gold Miners Index JNUG	227.52	579	2	12	30	30	6	2	1	1	1	2	2	1	1	1	1	1	1	1	D2	3	BF	AR	- 60	10.77%	3.54%	-2.72%
	Sprott Junior Gold Miners ETF SGDJ	93.92	359	3	5	23	27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D2	2	BR	AR	- 6	6.42%	0.97%	5.66%
	iShares Global Materials ETF MXI	112.52	338	2	4	4	14	4	3	1	2	1	4	3	3	3	4	5	6	4	7	D1	4	AR	AR	- 5	4.80%	8.48%	10.47%
	U.S. Global GO GOLD and Precious M GOAU	47.36	209	6	5	25	30	5	1	1	1	1	2	2	1	1	1	1	1	1	1	D2	2	BR	AR	- 5	3.29%	4.69%	4.16%
	VanEck Steel ETF SLX	98.57	155	1	4	4	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	D1	4	AR	AR	- 6	6.57%	11.66%	12.38%
	Global X Gold Explorers ETF GOEX	91.53	146	2	4	16	28	2	1	1	1	1	1	1	1	1	1	1	1	1	1	D2	2	AR	AR	- 6	6.31%	4.65%	5.79%
	First Trust Indxx Global Natural Resour FTRI	18.32	137	2	2	3	8	5	6	5	6	6	9	7	6	8	9	9	8	12	12	D1	3	AR	AR	- 51	1.46%	2.28%	11.18%
	Amplify Lithium & Battery Technology E BATT	15.93	119	2	4	5	16	4	5	1	2	2	2	1	1	1	1	1	1	1	1	D1	4	AR	AR	- 10	6.34%	8.81%	8.96%
	Direxion Daily Gold Miners Index Bear :DUST	43.04	78	30	30	30	27	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	3	BF	BF	+ 107	-9.58%	-17.18%	-31.72%
	Direxion Daily Junior Gold Miners Index JDST	29.82	36	30	30	30	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	3	BF	BF	+ 123	-10.13%	-14.79%	-33.66%
	Invesco MSCI Global Timber ETF CUT	28.95	32	27	26	25	28	26	17	12	11	6	15	24	15	18	18	26	28	29	30	D2	3	BF	BF	- 5	1.65%	1.36%	-4.73%
EF-48	Manufacturing (Intl)			4	8	15	6	7	8	5	6	4	5	6	6	6	7	7	7	8	8	D1	4	AR	AR	- 6	6.37%	7.33%	6.17%
	iShares Global Industrials ETF EXI	193.22	1,266	6	10	18	14	8	7	6	7	6	7	8	11	8	13	16	19	19	20	D1	4	AR	AR	- 5	4.79%	5.30%	5.34%
	First Trust S-Network Future Vehicles & CARZ	89.01	49	3	6	14	4	7	10	4	4	4	4	3	3	1	1	1	2	3	2	D1	4	AR	AR	- 6	7.96%	9.37%	6.86%
EF-49	Real Estate (Intl)			19	25	27	27	23	16	16	17	17	19	15	15	13	13	11	11	10	9	D2	3	AR	AR	- 6	3.89%	2.67%	0.08%
	Vanguard Global ex-U.S. Real Estate E VNQI	46.69	3,531	24	27	27	27	26	16	11	10	11	16	17	21	20	21	23	23	23	26	D2	3	BF	AR	- 5	4.17%	3.18%	-0.95%
	State Street SPDR Dow Jones Global I RWQ	48.05	1,196	13	14	20	17	13	13	13	16	15	19	17	19	17	18	16	15	18	16	D1	1	AR	AR	- 45	3.42%	2.56%	5.16%
	FlexShares Global Quality Real Estate GQRE	62.86	365	13	16	21	16	13	12	13	16	15	18	15	18	17	18	17	16	20	18	D1	1	AR	AR	- 46	3.57%	2.70%	4.74%
	State Street SPDR Dow Jones Internat RWX	28.11	282	23	27	27	27	26	18	14	17	16	18	14	17	17	15	13	13	16	16	D2	3	BF	AR	- 51	4.23%	3.13%	-1.23%
	Amplify Alternative Harvest ETF MJ	24.27	121	30	30	30	30	30	30	30	30	30	30	30	29	27	20	5	3	1	1	D3	11	BF	BR	- 24	1.42%	-2.10%	-19.66%
	First Trust Alerian Disruptive Technolog DTRE	41.63	16	13	18	24	20	15	15	15	18	18	23	18	20	18	19	17	15	19	17	D2	3	AR	AR	- 44	4.06%	3.81%	4.88%
	WisdomTree New Economy Real Estal WTRE	23.77	15	7	17	26	23	17	18	16	18	15	19	12	12	10	13	13	15	18	14	D2	3	AR	AR	- 44	5.74%	6.15%	6.28%
	ALPS REIT Dividend Dogs ETF RDOG	37.61	10	13	18	22	17	13	12	15	18	18	18	16	16	15	16	16	17	18	16	D2	2	AR	AR	- 33	4.50%	3.19%	3.64%
EF-50	Technology (Intl)			29	29	29	29	29	29	29	29	29	29	21	18	18	15	14	13	13	12	D3	9	AF	BR	- 24	2.47%	1.16%	-8.30%
	iShares Global Tech ETF IXN	107.85	6,789	18	27	27	26	26	26	23	22	23	23	18	18	17	15	12	11	7	14	D3	2	AR	AR	- 23	6.12%	4.91%	0.40%
	Global X Robotics & Artificial Intellige BOTZ	35.43	3,203	28	30	29	28	28	26	13	14	15	19	16	14	8	7	12	11	19	11	D3	1	BF	BR	- 6	6.08%	1.72%	-7.32%
	iShares Future AI & Tech ETF ARTY	52.28	2,323	7	27	27	22	21	26	18	16	15	16	5	4	5	7	4	7	6	9	D2	4	AR	AR	- 10	9.53%	7.99%	3.83%
	First Trust Cloud Computing ETF SKYY	104.16	2,208	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	28	22	21	D3	13	BF	BF	- 23	-6.86%	-6.71%	-19.22%
	Global X Lithium & Battery Tech ETF LIT	77.90	1,815	1	2	2	3	2	3	1	1	1	1	1	1	1	1	1	1	1	1	U3	1	AR	AR	- 11	5.03%	10.65%	14.21%
	Amplify Cybersecurity ETF HACK	71.17	1,786	30	28	29	28	28	29	30	30	30	30	30	30	30	30	30	30	30	30	D3	16	BF	BF	- 1	-7.78%	-8.65%	-11.57%
	ARK Next Generation Internet ETF ARKW	123.44	1,531	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	16	BF	BF	- 34	1.51%	-2.12%	-17.21%
	Amplify Blockchain Technology ETF BLOK	53.98	1,004	30	30	30	30	30	30	30	30	30	30	30	27	16	29	30	30	30	28	D3	9	AF	BF	- 24	7.38%	3.11%	-12.58%
	First Trust Nasdaq Artificial Intelligen ROBT	46.80	620	30	30	30	30	29	30	29	29	29	29	29	25	21	16	27	28	23	25	D3	8	BF	BF	- 24	0.09%	-2.12%	-15.39%
	Global X Internet of Things ETF SNSR	39.86	198	12	23	25	22	25	25	16	17	19	24	29	28	28	28	29	29	29	27	D2	3	AR	AR	- 5	6.02%	6.39%	4.79%
	Global X FinTech ETF FINX	23.00	176	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	21	BF	BF	- 35	0.13%	-4.88%	-24.39%
	Innovator Deepwater Frontier Tech ETI LOUP	73.12	165	29	30	30	29	29	28	29	27	28	29	19	7	5	4	4	6	4	4	D3	5	AF	BR	- 23	4.28%	2.49%	-9.47%
	Amplify Digital Payments ETF IPAY	43.41	161	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	12	BF	BF	- 11	2.05%	0.09%	-18.66%
	First Trust Indxx Innovative Transactor LEGR	60.09	120	18	23	25	26	24	25	20	18	19	16	11	12	12	11	8	8	11	11	D2	3	AF	AR	- 123	3.12%	4.34%	-1.43%
	ALPS O'Shares Global Internet Giants OGIG	40.07	102	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	17	BF	BF	- 28	-2.31%	-6.84%	-23.81%
	KraneShares Electric Vehicles & Futur KARS	33.73	81	6	6	8	21	10	24	13	15	15	18	17	3	7	5	4	4	3	2	D1	2	AR	AR	- 23	4.17%	6.54%	5.41%
	ALPS Disruptive Technologies ETF DTEC	42.58	65	30	30	30	29	30	30	30	30	30	30	30	29	29	28	30	30	29	30	D3	11	BF	BF	- 25	-1.96%	-3.90%	-15.38%

			Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp		Ticker	Price	MKT Cap(MM)	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-50	Technology (Intl)																													
	3D Printing ETF	PRNT	21.12	55	29	30	30	30	29	28	27	28	27	23	28	22	19	20	29	29	28	28	D3	4	BF	BF	- 8	2.35%	-0.07%	-9.84%
	Amplify Bloomberg AI Value Chain ETF	AIVC	76.38	38	4	7	15	4	10	19	13	12	11	12	4	4	4	3	1	2	4	2	U3	1	AR	AR	- 21	7.19%	9.80%	8.30%
	Amplify Video Game Leaders ETF	GAMR	77.98	37	30	30	30	30	30	30	30	30	30	30	29	30	30	29	28	29	29		D3	13	AF	BF	- 30	3.21%	0.02%	-13.04%
EF-51	Transportation (Intl)				28	29	29	29	30	29	17	9	8	2	11	9	7	5	5	5	5	5	D2	5	BF	BR	- 8	3.85%	7.65%	-12.15%
	U.S. Global Jets ETF	JETS	25.89	904	28	29	29	29	30	29	17	9	8	2	13	6	4	1	3	3	3	2	D2	5	BF	BR	- 8	3.85%	7.65%	-12.15%
EF-52	Utilities (Intl)				11	8	9	12	8	9	10	12	11	17	14	17	19	17	15	15	15	16	D1	3	AR	AR	- 4	2.70%	3.80%	6.70%
	iShares Global Infrastructure ETF	IGF	68.61	10,504	6	4	3	3	4	4	6	7	6	15	15	21	25	24	20	21	20	24	U3	53	AR	AR	- 4	1.37%	3.17%	11.02%
	FlexShares STOXX Global Broad Infra: NFRA		65.17	3,024	11	6	5	4	10	11	12	15	13	18	17	21	23	21	16	15	19	17	D1	2	AR	AR	- 57	1.57%	1.62%	8.05%
	Invesco S&P Global Water Index ETF	CGW	67.00	1,069	14	19	22	27	23	21	14	15	15	18	22	21	23	23	26	28	26	27	D2	3	AR	AR	- 5	3.98%	5.45%	3.56%
	State Street SPDR S&P Global Infrastr	GII	78.03	901	6	4	3	3	4	4	6	7	6	15	15	21	24	23	20	20	20	24	U3	53	AR	AR	- 4	1.36%	3.12%	11.01%
	Invesco Global Water ETF	PIO	45.96	280	20	27	27	28	28	27	18	18	18	20	16	16	19	18	19	19	22	21	D2	3	AF	AR	- 48	5.22%	5.72%	0.09%
GEOGRAPHY (Intl)																														
EF-53	Emerging Markets				7	14	14	14	12	15	9	7	10	11	9	9	12	12	9	10	11	12	D1	1	AR	AR	- 6	5.22%	5.68%	5.43%
	iShares Core MSCI Emerging Markets	IEMG	74.25	144,119	6	16	16	12	10	13	5	4	6	7	4	5	7	8	5	8	11	15	D1	1	AR	AR	- 6	6.74%	6.48%	6.01%
	Vanguard FTSE Emerging Markets ET	VWO	56.75	115,465	15	25	24	26	22	25	14	14	14	15	14	11	14	16	11	16	18	20	D2	3	AR	AR	- 6	5.44%	5.05%	2.38%
	iShares MSCI Emerging Markets ETF	EEM	60.56	26,816	6	16	17	12	10	13	5	4	6	6	4	6	6	5	7	8	14		D1	1	AR	AR	- 6	7.02%	6.62%	5.99%
	Schwab Emerging Markets Equity ETF	SCHE	34.59	12,068	15	25	25	26	23	26	15	14	15	15	14	11	15	16	12	16	18	20	D2	3	AR	AR	- 6	5.39%	5.04%	2.40%
	Schwab Fundamental Emerging Marke	FNDE	39.67	9,247	6	7	6	10	8	12	8	7	7	8	5	6	10	14	6	11	13	16	D1	4	AR	AR	- 6	3.98%	5.51%	7.10%
	WisdomTree Emerging Markets High C	DEM	51.18	3,659	6	6	5	10	12	14	12	12	13	14	12	13	17	16	12	13	15	14	D1	3	AR	AR	- 56	3.50%	5.64%	8.26%
	iShares MSCI Emerging Markets Min V	EEMV	67.77	3,321	14	22	20	22	23	25	16	15	16	18	17	16	21	23	20	23	23	25	D2	3	AR	AR	- 6	4.79%	5.61%	3.40%
	WisdomTree Emerging Markets ex-Sta	XSOE	42.81	1,944	6	18	18	14	14	15	10	10	11	13	9	9	11	10	8	9	13	12	D1	1	AR	AR	- 47	7.24%	6.70%	5.60%
	Invesco RAFI Emerging Markets ETF	PXH	27.86	1,907	8	10	11	16	13	16	12	13	13	14	9	10	13	13	9	10	13	12	D1	3	AR	AR	- 122	3.99%	5.04%	5.55%
	iShares Emerging Markets Equity Factr	EMGF	64.54	1,633	6	14	15	8	9	12	4	4	6	7	4	5	7	8	5	11	14	17	D1	1	AR	AR	- 6	6.94%	7.01%	6.88%
	Columbia EM Core ex-China ETF	XCEM	44.16	1,583	2	6	5	4	5	4	1	2	2	3	3	3	3	4	3	4	6	8	D1	3	AR	AR	- 5	8.50%	8.74%	10.46%
	Goldman Sachs ActiveBeta Emerging I	GEM	46.20	1,388	6	14	15	8	10	13	4	4	6	6	4	4	6	6	5	7	7	14	D1	1	AR	AR	- 6	7.12%	7.14%	6.45%
	iShares Emerging Markets Dividend E	DVYE	35.38	1,323	3	4	3	3	9	10	9	10	11	10	7	8	12	12	9	9	12	11	D1	3	AR	AR	- 168	3.09%	6.44%	11.18%
	iShares MSCI Emerging Markets Asia I	EEMA	101.80	1,211	11	23	21	14	10	16	6	6	6	8	5	6	7	7	4	7	10	16	D2	3	AR	AR	- 6	6.97%	4.71%	3.84%
	State Street SPDR S&P Emerging Mar	EDIV	40.97	1,205	14	18	17	19	20	19	13	14	15	16	13	14	18	17	15	13	16	16	D2	3	AR	AR	- 58	3.93%	4.85%	4.16%
	Cambria Emerging Shareholder Yield	EYLD	43.97	741	3	4	4	3	9	10	6	7	9	9	7	8	11	11	10	10	13	13	D1	3	AR	AR	- 46	5.54%	7.65%	10.97%
	State Street SPDR S&P Emerging Mar	EWX	69.60	738	12	21	20	20	21	26	18	18	19	22	22	19	23	23	21	23	23	26	D2	3	AR	AR	- 6	5.15%	5.65%	3.70%
	First Trust Emerging Markets AlphaDE	FEM	32.12	703	2	4	4	9	9	11	9	10	11	13	9	9	12	11	10	9	13	13	D1	3	AR	AR	- 48	6.19%	8.81%	12.20%
	VanEck Emerging Markets High Yield	EHYEM	19.88	513	20	20	14	13	15	18	23	24	23	24	18	20	21	19	16	15	16	16	D1	3	AR	AR	- 125	1.38%	0.51%	1.18%
	Invesco S&P Emerging Markets Low V	EELV	29.06	445	11	10	9	14	16	18	14	15	15	15	12	13	16	15	12	12	14	13	D1	3	AR	AR	- 56	3.27%	5.61%	5.68%
	iShares MSCI Emerging Markets Small	EEMS	73.10	431	8	16	15	13	16	18	9	8	11	15	8	14	19	20	16	19	21	24	D1	1	AR	AR	- 5	5.61%	6.34%	6.13%
	JPMorgan Diversified Return Emergin	JPEM	65.04	390	8	12	15	19	14	15	12	13	13	14	9	10	13	13	10	10	13	13	D1	1	AR	AR	- 49	4.38%	5.56%	5.18%
	Nuveen ESG Emerging Markets Equity	NUEM	38.88	354	7	17	18	22	19	21	10	7	9	12	8	6	10	9	7	13	16	16	D1	1	AR	AR	- 6	6.46%	7.82%	5.02%
	FlexShares Morningstar Emerging Mar	TLTE	70.96	334	6	12	7	6	7	8	4	3	4	6	3	4	7	8	6	10	13	16	D1	4	AR	AR	- 5	5.94%	5.30%	7.05%
	Columbia Research Enhanced Emergin	ECON	30.49	303	6	13	11	4	8	10	4	3	4	4	3	5	7	7	5	6	6	9	D1	4	AR	AR	- 6	6.68%	6.74%	7.43%
	EMQQ The Emerging Markets Internet	EMQQ	33.75	275	30	30	30	30	30	30	30	30	30	30	30	29	30	30	29	30	30	30	D3	16	BF	BF	- 26	3.59%	-0.06%	-18.06%
	First Trust Emerging Markets Small Ca	FEMS	47.76	265	4	5	5	11	12	15	12	14	15	18	13	11	16	14	16	15	18	16	D1	3	AR	AR	- 44	5.19%	7.73%	8.84%
	VictoryShares Emerging Markets Valu	UEVM	59.91	252	12	14	15	19	17	21	13	12	14	15	12	11	15	16	16	19	19	20	D1	1	AR	AR	- 6	4.05%	5.80%	3.64%
	iShares Currency Hedged MSCI Emerg	HEEM	38.90	238	5	10	8	4	6	8	6	4	6	6	3	3	5	5	4	6	6	7	D1	4	AR	AR	- 6	6.34%	5.53%	6.69%
	Invesco Dorsey Wright Emerging Mark	PIE	28.39	175	2	5	4	9	11	12	7	10	11	15	11	10	13	13	13	10	11	11	D1	3	AR	AR	- 43	8.85%	10.56%	14.23%
	WisdomTree Emerging Markets Multifa	EMMF	34.62	163	6	12	9	10	12	13	9	11	11	13	9	8	11	11	9	10	13	13	D1	3	AR	AR	- 46	5.36%	4.83%	5.73%

			Relative Strength Ranking - RSR																				% Price Δ						
Group or Corp	Ticker	Price	MKT Cap(MM)	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-53	Emerging Markets																												
	PIMCO RAFI Dynamic Multi-Factor Em MFEM	26.34	140	4	5	11	9	10	11	5	7	8	10	7	7	11	12	10	10	14	13	D1	2	AR	AR	- 46	5.79%	6.67%	10.66%
	WisdomTree Emerging Markets Quality DGRE	35.59	132	3	6	5	9	10	10	5	6	6	8	7	7	9	8	7	7	11	11	D1	3	AR	AR	- 46	7.58%	8.62%	9.81%
	WisdomTree Emerging Markets Local I ELD	29.06	116	20	21	22	23	24	25	20	21	19	19	15	16	19	16	13	13	14	14	D2	3	AF	AR	- 56	2.14%	3.58%	0.77%
	WisdomTree Emerging Markets Corpor EMCB	66.16	99	25	22	15	13	16	22	23	25	27	25	19	21	21	19	16	15	16	15	D2	2	BF	AR	- 125	0.68%	-0.14%	-0.05%
	Hartford Multifactor Emerging Markets I ROAM	32.65	95	5	6	5	4	5	7	4	4	6	7	4	5	8	8	5	7	8	15	D1	3	AR	AR	- 5	4.87%	5.76%	8.71%
	Xtrackers MSCI Emerging Markets Her DBEM	35.99	92	5	7	5	4	5	7	5	4	6	6	3	3	5	5	4	6	7	8	D1	3	AR	AR	- 6	6.10%	5.49%	7.79%
	iShares MSCI BIC ETF BKF	42.20	91	28	29	29	30	29	30	28	26	28	24	24	26	25	23	18	24	23	22	D3	5	BF	BR	- 27	3.67%	1.79%	-5.62%
	First Trust Riverfront Dynamic Emergin RFEM	86.99	74	6	12	12	12	12	14	10	10	11	12	8	9	12	11	9	10	12	12	D1	3	AR	AR	- 60	5.90%	5.69%	6.76%
	Global X MSCI SuperDividend Emergir SDEM	33.46	49	4	10	9	10	11	10	9	9	11	10	7	7	9	11	8	9	12	11	D1	3	AR	AR	- 61	3.67%	8.21%	10.06%
	Franklin Emerging Market Core Divider DIEM	37.54	49	5	10	8	4	10	12	8	8	9	10	7	8	10	10	8	9	12	12	D1	4	AR	AR	- 48	6.55%	5.59%	8.19%
	State Street SPDR MSCI Emerging Ma QEMM	72.84	46	6	12	9	6	10	15	6	7	8	8	7	7	13	15	12	15	19	20	D1	4	AR	AR	- 6	5.37%	6.12%	6.76%
	ALPS Emerging Sector Dividend Dogs EDOG	25.86	30	7	6	5	4	12	13	11	11	12	12	9	8	11	13	10	8	11	11	D1	4	AR	AR	- 49	2.61%	4.62%	6.17%
	First Trust Emerging Markets Equity Se RNEM	56.95	17	18	25	26	27	26	26	18	17	18	18	19	20	24	23	20	22	23	22	D2	4	AR	AR	- 6	4.49%	5.39%	1.52%
	iShares Emerging Markets Infrastructure IMIF	29.43	15	6	5	5	4	7	7	4	3	3	4	14	11	8	6	5	5	5	D1	3	AR	AR	- 5	3.26%	6.02%	9.02%	
	Invesco S&P Emerging Markets Mome EEMO	18.86	12	9	28	27	27	26	28	22	17	19	19	15	16	17	16	14	15	17	16	D2	3	AR	AR	- 42	11.26%	8.11%	4.13%
	ProShares MSCI Emerging Markets Dr EMDV	47.17	7	20	23	22	25	24	27	22	21	20	21	18	21	21	18	14	14	14	15	D2	3	AR	AR	- 48	2.58%	3.45%	0.40%
EF-54	Frontier Markets			29	27	25	26	27	28	29	29	29	29	24	25	26	26	22	22	23	23	U3	36	BF	BF	- 74	0.00%	0.00%	0.00%
EF-55	Europe/UK			11	15	23	26	20	17	11	10	12	11	9	10	12	10	8	8	10	10	D2	3	AR	AR	- 6	4.68%	6.87%	2.77%
	Vanguard FTSE Europe ETF VGK	87.06	30,536	12	17	24	27	23	18	12	14	15	14	11	12	13	12	9	9	12	13	D2	3	AF	AR	- 59	4.61%	6.46%	1.98%
	iShares MSCI Eurozone ETF EZU	66.60	9,537	14	24	26	27	26	26	12	13	15	15	12	13	13	10	8	11	13	14	D2	4	AF	AR	- 6	5.53%	7.13%	1.02%
	iShares Core MSCI Europe ETF IEUR	74.19	8,806	13	18	25	27	23	18	11	11	14	13	8	11	10	10	9	10	11	15	D2	3	AF	AR	- 6	4.55%	6.18%	1.99%
	State Street SPDR EURO STOXX 50 EFEZ	65.94	4,484	17	27	27	28	27	27	14	15	16	16	12	13	13	11	9	9	12	11	D2	3	AF	AR	- 61	5.59%	6.69%	-0.56%
	iShares MSCI Europe Financials ETF EUFN	37.35	3,638	12	22	27	28	28	26	15	14	19	10	5	9	7	7	1	3	3	4	D2	4	AF	AR	- 9	5.90%	10.93%	0.78%
	iShares MSCI United Kingdom ETF EWU	47.67	3,513	6	5	10	10	6	7	6	7	8	8	6	9	10	9	5	6	6	8	D1	4	AR	AR	- 5	3.11%	5.16%	6.43%
	iShares MSCI Spain ETF EWP	57.44	1,934	6	6	16	19	16	17	8	8	12	8	3	6	6	5	1	2	3	2	D1	1	AR	AR	- 9	4.70%	9.51%	5.39%
	WisdomTree Europe Hedged Equity F HEDJ	55.00	1,807	16	22	25	27	23	25	15	15	18	18	16	15	10	10	12	12	18	16	D2	4	AR	AR	- 6	4.40%	5.26%	0.20%
	iShares Europe ETF IEV	71.66	1,720	13	18	25	27	23	18	11	10	12	12	8	10	10	10	6	8	8	11	D2	3	AF	AR	- 6	4.46%	6.34%	1.98%
	iShares MSCI Switzerland ETF EWL	60.70	1,533	18	22	25	27	20	12	8	9	10	10	11	14	15	13	5	6	6	8	D2	3	BF	AR	- 6	2.97%	3.37%	0.20%
	iShares MSCI Germany ETF EWG	41.60	1,373	26	28	28	29	28	28	18	18	19	21	22	20	23	21	22	22	23	26	D2	4	AF	BF	- 6	4.26%	4.42%	-4.17%
	Franklin FTSE United Kingdom ETF FLGB	36.42	876	6	6	11	14	8	7	6	8	11	9	6	10	10	10	6	6	7	9	D1	4	AR	AR	- 5	3.47%	5.44%	5.96%
	First Trust Stoxx European Select Divic FDD	18.75	845	4	5	9	12	13	13	11	11	12	11	7	9	11	10	7	7	9	10	D1	3	AR	AR	- 60	4.34%	8.63%	6.91%
	Xtrackers MSCI Europe Hedged Equity DBEU	50.68	748	12	10	19	22	10	15	12	13	15	15	14	15	9	9	7	11	13	14	D1	1	AR	AR	- 6	2.90%	3.94%	2.24%
	State Street SPDR Portfolio Europe ET SPEU	54.17	720	12	18	24	27	24	18	12	14	15	14	11	12	13	12	9	9	12	13	D2	3	AF	AR	- 59	4.76%	6.56%	1.91%
	iShares MSCI Italy ETF EWI	57.28	674	6	12	25	27	26	26	12	15	17	15	12	15	15	11	5	6	6	5	D2	4	AR	AR	- 6	5.47%	9.98%	4.09%
	iShares MSCI Poland ETF EPOL	39.29	633	2	4	11	9	16	13	6	7	6	4	3	3	7	4	1	4	4	5	D1	2	AR	AR	- 6	6.85%	13.95%	8.54%
	iShares Currency Hedged MSCI Euroz HEZU	45.93	595	13	17	24	27	16	22	13	14	16	15	14	14	9	8	7	11	15	14	D2	3	AR	AR	- 6	4.01%	4.70%	0.97%
	First Trust Europe AlphaDEX Fund FEP	57.84	518	6	7	18	21	16	15	10	11	12	12	8	9	11	10	8	8	10	11	D1	1	AR	AR	- 60	4.77%	8.32%	4.92%
	iShares MSCI Netherlands ETF EWN	62.44	443	6	21	25	24	14	23	11	8	12	8	3	3	4	5	5	10	13	14	D2	3	AR	AR	- 6	7.45%	6.50%	3.38%
	iShares MSCI France ETF EWQ	45.85	431	18	27	27	28	28	27	15	15	18	19	23	23	24	20	18	19	20	20	D2	4	AR	AR	- 6	4.80%	7.13%	-0.07%
	iShares MSCI Sweden ETF EWD	51.85	315	13	19	26	27	17	8	6	7	8	8	6	6	8	9	10	9	8	16	D2	3	AF	AR	- 5	4.64%	5.09%	2.11%
	WisdomTree European Opportunities F OPPE	56.75	289	4	5	6	12	12	14	12	12	15	13	10	12	13	12	9	10	12	12	D1	3	AR	AR	- 124	4.28%	8.06%	8.28%
	Global X MSCI Greece ETF GREK	70.60	289	7	25	27	27	28	26	14	14	10	4	3	3	6	7	5	4	11	7	D2	4	AF	AR	- 7	8.15%	11.39%	2.35%
	Global X DAX Germany ETF DAX	44.20	259	27	28	29	29	29	28	18	19	19	22	22	19	20	19	20	19	26	24	D3	1	AF	BF	- 6	4.20%	4.34%	-5.49%
	iShares MSCI Denmark ETF EDEN	109.11	196	27	28	29	30	30	30	29	24	23	19	5	5	5	7	12	14	16	21	D3	2	AF	BF	- 8	3.34%	8.48%	-9.13%

		Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)																			TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19									
EF-55 Europe/UK																														
Global X MSCI Norway ETF	NORW	38.34	188	1	1	2	1	1	1	2	2	2	4	4	8	12	20	13	16	26	27	U3	14	AR	AR	+ 16	1.19%	7.39%	26.24%	
WisdomTree Europe SmallCap Divider	DFE	75.65	166	9	14	22	22	19	14	12	14	15	16	12	12	15	14	12	12	16	16	D2	3	AR	AR	- 57	4.79%	6.55%	3.54%	
First Trust Eurozone AlphaDEX ETF	FEUZ	66.40	153	6	8	19	22	19	16	11	11	13	12	9	10	13	11	9	9	12	11	D1	1	AR	AR	- 60	5.17%	9.17%	5.26%	
iShares MSCI Norway ETF	ENOR	37.07	141	1	1	1	1	1	1	2	2	2	4	3	7	10	20	13	17	19	25	U3	15	AR	AR	+ 17	0.57%	7.57%	27.04%	
Goldman Sachs ActiveBeta Europe Eq	GSEU	47.74	122	12	16	24	27	21	18	11	11	14	13	9	11	13	14	9	8	11	14	D2	3	AR	AR	- 6	4.35%	6.37%	2.77%	
First Trust Germany AlphaDEX Fund	FGM	65.05	117	12	27	27	28	28	23	6	6	6	4	3	3	5	5	5	6	7	9	D2	4	AF	AR	- 6	7.79%	9.90%	0.17%	
Franklin FTSE Europe ETF	FLEE	38.32	115	12	17	25	27	22	18	11	10	12	12	7	10	10	9	6	8	8	11	D2	3	AF	AR	- 6	4.47%	6.48%	2.02%	
iShares MSCI Belgium ETF	EWK	26.03	98	12	17	26	27	24	17	11	7	5	7	5	9	10	16	13	12	16	14	D2	3	AF	AR	- 6	4.88%	7.47%	5.26%	
WisdomTree Europe Quality Dividend	EUDG	38.36	71	16	22	26	27	24	18	13	14	15	14	11	11	13	11	9	8	12	12	D2	3	AF	AR	- 57	4.39%	5.27%	0.00%	
Xtrackers MSCI Eurozone Hedged Eq	DBEZ	58.05	70	12	16	23	27	16	21	13	13	15	15	15	15	10	9	9	11	16	15	D2	3	AR	AR	- 6	4.11%	5.24%	1.50%	
iShares MSCI Ireland ETF	EIRL	72.47	69	20	27	26	28	27	26	16	19	21	15	7	14	13	10	5	4	5	5	D2	4	AF	AR	- 9	5.01%	6.34%	-1.90%	
First Trust United Kingdom AlphaDEX I	FKU	53.44	48	7	14	21	25	15	13	10	11	12	11	8	8	11	11	8	7	11	13	D2	3	AF	AR	- 59	4.84%	5.83%	3.76%	
iShares MSCI United Kingdom Small C	EWUS	42.05	42	20	28	27	28	27	19	13	14	13	13	6	8	10	15	14	12	18	20	D2	4	AF	AR	- 6	5.88%	4.83%	-1.65%	
First Trust Switzerland AlphaDEX Fund	FSZ	81.65	41	17	19	20	25	19	14	14	15	15	16	13	15	19	15	13	12	14	16	D2	3	AF	AR	- 58	2.84%	3.26%	0.97%	
iShares MSCI Finland ETF	EFNL	52.52	39	4	4	9	4	6	7	8	7	9	7	5	4	5	6	1	3	4	5	D1	4	AR	AR	- 6	4.52%	8.43%	8.61%	
ALPS - O'Shares International Develop	OEFA	33.11	38	26	28	28	28	27	27	18	18	18	23	17	17	17	15	13	14	16	16	D2	4	AF	AR	- 58	4.34%	2.85%	-3.32%	
Pacer Trendpilot European Index ETF	PTEU	31.77	35	14	25	26	27	26	25	11	12	15	15	8	11	12	9	6	7	14	15	D2	4	AF	AR	- 6	5.99%	6.75%	0.38%	
ProShares Ultra FTSE Europe	UPV	95.41	13	6	24	29	29	27	18	6	6	7	7	5	6	7	6	5	6	9	10	D2	3	AF	AR	- 58	9.15%	12.16%	1.38%	
ProShares MSCI Europe Dividend Gro	EUDV	53.09	8	20	25	26	27	27	25	18	20	20	24	19	20	20	18	18	17	21	21	D2	3	AF	AF	- 13	2.72%	3.84%	-0.77%	
EF-56 Canada				10	6	8	9	6	6	8	11	13	16	12	9	10	9	7	6	6	7	D1	3	AR	AR	- 6	2.48%	3.17%	3.93%	
iShares MSCI Canada ETF	EWC	56.76	4,984	10	7	7	8	6	6	8	11	13	16	14	6	8	7	4	4	3	4	D1	3	AR	AR	- 6	2.60%	3.14%	3.90%	
Franklin FTSE Canada ETF	FLCA	50.72	708	11	6	9	10	7	6	9	11	14	16	15	7	8	8	4	4	4	5	D1	3	AR	AR	- 6	2.36%	3.19%	3.96%	
EF-57 Latin America				1	3	4	4	6	4	2	1	1	1	3	4	6	5	6	5	6	6	D1	4	AR	AR	- 6	5.69%	12.40%	12.04%	
iShares MSCI Brazil ETF	EWZ	41.33	10,727	1	1	2	3	3	3	1	1	1	1	1	1	4	3	4	4	6	2	U3	1	AR	AR	+ 1	7.77%	16.46%	25.02%	
iShares Latin America 40 ETF	ILF	37.82	4,803	1	2	3	3	4	3	1	1	1	1	1	1	1	1	1	1	4	2	D1	4	AR	AR	- 6	6.18%	14.09%	18.71%	
iShares MSCI Mexico ETF	EWV	79.51	2,202	3	4	5	14	10	7	3	2	1	2	3	3	3	6	5	4	3	5	D1	4	AR	AR	- 6	4.47%	11.16%	11.89%	
iShares MSCI Chile ETF	ECH	42.45	1,068	6	10	9	16	12	16	4	3	1	1	1	1	1	1	1	1	1	1	D2	3	AF	AR	- 8	6.02%	9.27%	-0.93%	
Global X MSCI Argentina ETF	ARGT	94.23	880	8	4	7	14	17	18	18	7	11	8	2	3	5	1	1	1	3	4	D1	1	AF	AR	- 9	0.36%	10.20%	-0.25%	
Franklin FTSE Brazil ETF	FLBR	25.83	553	1	1	2	2	2	3	1	1	1	1	1	1	4	4	4	4	10	4	U3	1	AR	AR	+ 1	8.03%	17.78%	29.93%	
iShares MSCI Peru and Global Exposu	EPU	85.70	540	1	2	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	4	AF	AR	- 6	5.08%	7.03%	9.60%	
iShares MSCI Brazil Small-Cap ETF	EWZS	15.85	359	1	4	6	25	22	8	4	3	6	5	3	3	23	19	26	28	29	19	D1	4	AR	AR	+ 1	7.17%	16.98%	17.32%	
Columbia India Consumer ETF	INCO	59.38	243	29	30	30	30	30	30	28	28	28	28	29	30	30	30	30	28	29	29	28	D3	6	BF	BF	- 6	8.26%	5.30%	-7.23%
Global X MSCI Colombia ETF	COLO	41.05	136	3	3	4	4	5	14	9	2	1	1	1	1	1	1	1	1	3	1	D1	5	AF	AR	- 7	2.80%	9.73%	8.17%	
Franklin FTSE Mexico ETF	FLMX	38.76	93	3	4	5	10	9	6	2	2	1	1	3	3	3	5	4	2	5	4	D1	4	AR	AR	- 6	4.00%	10.93%	11.49%	
First Trust Latin America AlphaDEX Fu	FLN	27.72	39	1	2	3	8	10	8	5	5	5	5	4	5	7	7	7	6	9	7	D1	3	AR	AR	- 54	6.93%	15.56%	17.61%	
VanEck Brazil Small-Cap ETF	BRF	19.73	27	1	2	4	10	8	3	1	1	2	2	1	3	8	4	7	6	7	17	D1	4	AR	AR	- 5	6.86%	16.74%	16.54%	
EF-58 Japan				7	5	5	5	7	7	4	6	2	6	9	11	9	8	8	8	10	9	D1	4	AR	AR	- 5	2.34%	4.43%	4.99%	
iShares MSCI Japan ETF	EWJ	88.13	19,776	10	9	18	20	14	14	6	7	2	7	10	14	8	8	13	12	16	14	D1	1	AR	AR	- 5	3.33%	5.72%	4.16%	
JPMorgan BetaBuilders Japan ETF	BBJP	71.87	15,768	10	9	17	19	13	13	6	7	2	6	9	14	8	8	13	11	15	12	D1	1	AR	AR	- 5	3.26%	5.68%	4.17%	
WisdomTree Japan Hedged Equity Fur	DXJ	165.72	6,289	3	2	3	3	4	3	1	2	1	2	3	3	1	1	2	2	3	2	D1	3	AR	AR	- 6	2.78%	6.48%	8.86%	
Franklin FTSE Japan ETF	FLJP	37.82	3,313	7	8	15	18	13	13	5	7	2	7	10	14	8	8	13	12	16	14	D1	1	AR	AR	- 5	3.50%	6.03%	4.68%	
iShares Currency Hedged MSCI Japan HEWJ		58.98	740	5	4	5	4	5	6	3	4	2	4	5	6	3	3	4	3	4	3	D1	4	AR	AR	- 6	2.99%	5.76%	5.91%	
Xtrackers MSCI Japan Hedged Equity I	DBJP	106.04	626	5	4	5	4	5	7	4	4	2	3	5	6	3	3	4	3	4	2	D1	4	AR	AR	- 6	3.26%	5.77%	5.81%	

		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
				10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19								
EF-58	Japan																												
	Japan Smaller Capitalization Fund Inc : JOF	11.00	312	18	8	12	19	17	14	6	7	6	12	9	9	10	10	8	8	10	12	D2	3	BF	AR	- 70	-0.09%	3.27%	0.92%
	WisdomTree Japan Opportunities Fund OPPJ	57.30	269	1	1	2	5	5	6	4	4	3	4	5	6	5	5	5	6	6	6	U3	1	AR	AR	- 80	3.35%	8.07%	15.70%
	First Trust Japan AlphaDEX Fund FJP	76.00	243	5	5	5	11	10	10	5	5	4	8	10	13	12	10	11	10	11	10	D1	3	AR	AR	- 62	3.54%	5.82%	8.26%
	iShares JPX-Nikkei 400 ETF JPXN	95.06	143	8	7	14	15	10	10	4	6	2	7	9	14	9	8	14	14	17	16	D1	4	AR	AR	- 5	3.15%	5.53%	4.96%
	Goldman Sachs ActiveBeta Japan Equ GSJY	50.60	81	11	8	15	20	14	14	6	7	2	6	8	14	8	6	13	11	15	11	D1	1	AR	AR	- 6	2.87%	5.68%	3.15%
	ProShares Ultra MSCI Japan EZJ	58.31	13	6	10	26	27	17	14	4	4	2	4	6	8	6	6	8	7	9	8	D2	3	BR	AR	- 47	5.52%	8.44%	3.61%
	ProShares UltraShort MSCI Japan EWV	20.49	8	30	30	6	9	26	28	30	30	30	30	29	30	30	30	28	27	28	29	U1	3	BF	BF	+ 51	-7.04%	-13.07%	-10.66%
EF-59	Middle East/Africa			12	16	21	17	17	11	12	11	9	8	7	7	9	9	8	8	9	9	D2	3	AF	AR	- 6	4.38%	6.00%	2.16%
	iShares MSCI Israel ETF EIS	125.59	961	2	4	5	2	3	1	8	3	2	4	2	3	1	1	1	1	3	1	D1	3	AR	AR	- 7	6.57%	6.50%	6.45%
	iShares MSCI South Africa ETF EZA	72.14	772	8	17	26	28	21	7	1	2	2	2	2	1	1	1	1	1	1	1	D2	3	AF	AR	- 6	6.07%	8.32%	2.05%
	iShares MSCI Saudi Arabia ETF KSA	39.69	730	14	7	14	26	25	28	29	26	23	19	16	24	28	30	30	30	30	30	D1	1	AF	AR	+ 2	0.79%	5.56%	7.65%
	iShares MSCI UAE ETF UAE	19.19	285	27	29	28	30	30	28	11	8	6	6	14	15	24	28	29	29	25	27	D2	4	BF	BR	- 6	4.86%	8.05%	-1.24%
	iShares MSCI Turkey ETF TUR	42.08	200	1	4	4	3	4	8	4	2	1	2	1	3	3	6	17	20	19	16	D1	4	AR	AR	- 6	8.04%	8.85%	13.24%
	VanEck Israel ETF ISRA	64.30	146	6	6	6	3	4	3	14	7	6	6	3	3	1	1	1	3	4	2	D1	4	AR	AR	- 8	4.55%	4.85%	2.68%
	ARK Israel Innovative Technology ETF IZRL	28.00	130	28	28	28	24	27	19	30	29	28	25	14	6	5	3	5	5	7	9	D3	2	BF	BR	- 10	1.93%	0.54%	-11.87%
	VanEck Africa Index ETF AFK	27.75	123	8	21	25	27	25	8	1	2	2	4	3	2	2	1	1	1	1	1	D2	3	AF	AR	- 6	7.00%	9.36%	1.41%
	Amplify BlueStar Israel Technology ETI ITEQ	58.86	109	20	10	20	3	19	13	29	28	28	24	12	6	9	7	16	12	19	20	U3	1	AF	AR	- 9	-1.07%	1.76%	-4.34%
	iShares MSCI Qatar ETF QAT	19.37	89	20	27	26	27	26	28	26	22	19	22	23	24	27	28	29	29	29	29	D2	4	AF	AR	- 6	4.65%	3.36%	0.05%
	Commonwealth Africa Fund CAFRX	12.10	7	9	16	22	27	19	8	1	3	2	4	3	2	1	1	1	1	1	1	D2	3	AF	AR	- 6	5.58%	7.94%	2.02%
	T.Rowe Price Africa & Middle East Fun TRAMX	11.89	0	27	28	27	29	29	28	22	24	23	25	29	27	29	30	30	30	30	30	D3	5	AF	BR	- 5	3.57%	5.69%	1.97%
EF-60	Asia/Pacific			14	24	23	22	19	17	9	8	11	14	11	12	13	12	9	10	11	12	D2	3	AR	AR	- 6	5.64%	5.22%	2.75%
	iShares MSCI South Korea ETF EWY	138.73	18,049	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	AR	AR	- 5	12.91%	11.74%	27.40%
	Vanguard FTSE Pacific ETF VPL	103.95	7,973	4	5	5	4	5	4	2	2	1	4	3	5	5	6	5	8	8	12	D1	3	AR	AR	- 5	5.60%	7.03%	9.48%
	iShares MSCI Taiwan ETF EWT	76.94	7,732	1	4	3	3	4	4	2	2	2	5	4	3	5	7	5	6	13	17	U3	1	AR	AR	- 5	8.72%	9.93%	16.72%
	iShares MSCI India ETF INDA	49.34	6,320	29	30	30	30	30	30	29	28	28	28	29	30	29	30	25	27	28	26	D3	10	BF	BF	- 14	5.77%	2.66%	-7.21%
	iShares Asia 50 ETF AIA	114.34	3,613	2	6	5	3	4	4	1	1	2	4	2	3	2	2	1	4	5	7	D1	3	AR	AR	- 5	8.26%	6.48%	9.82%
	Franklin FTSE India ETF FLIN	35.22	2,557	29	30	30	30	30	30	29	28	28	29	29	30	29	30	23	26	28	26	D3	10	BF	BF	- 14	5.96%	2.89%	-7.12%
	iShares Core MSCI Pacific ETF IPAC	80.32	2,490	7	8	15	15	11	10	6	7	5	8	11	14	13	15	15	16	18	19	D1	1	AR	AR	- 5	3.81%	5.91%	5.84%
	WisdomTree India Earnings Fund EPI	42.93	2,232	29	30	30	30	29	28	27	25	28	26	29	29	29	29	20	23	27	26	D3	6	BF	BF	- 7	5.27%	2.61%	-5.65%
	iShares MSCI Pacific ex-Japan ETF EPP	56.22	2,159	5	7	9	5	8	8	8	8	12	15	15	18	24	25	22	25	20	26	D1	3	AR	AR	- 5	4.97%	6.10%	9.89%
	iShares MSCI Australia ETF EWA	29.84	1,438	4	6	6	4	6	7	6	7	9	16	16	20	25	28	26	28	23	29	D1	3	AR	AR	- 4	6.19%	6.65%	13.63%
	DBX ETF Trust - Xtrackers International HAUZ	23.69	1,044	22	27	27	27	26	14	11	12	12	17	16	19	18	20	23	23	22	25	D2	3	BF	AR	- 5	3.86%	2.91%	-0.92%
	iShares MSCI Hong Kong ETF EWH	23.88	869	6	5	5	4	6	7	6	10	14	8	5	14	12	14	13	19	12	15	D1	3	AR	AR	- 5	3.11%	4.92%	6.99%
	iShares MSCI Singapore ETF EWS	28.98	775	14	13	15	19	26	28	22	17	23	23	24	22	26	23	26	26	26	29	D1	1	AR	AR	- 6	2.44%	6.82%	2.33%
	iShares MSCI India Small Cap ETF SMIN	64.89	610	29	30	30	30	30	30	30	28	29	30	30	30	30	30	29	30	30	30	D3	22	AF	BF	- 7	7.29%	5.38%	-5.01%
	iShares India 50 ETF INDY	44.18	594	30	30	30	30	30	30	29	28	28	29	29	29	29	29	29	23	23	27	D3	8	BF	BF	- 14	4.90%	2.36%	-8.62%
	Franklin FTSE South Korea ETF FLKR	44.87	556	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	AR	AR	- 5	12.54%	11.48%	25.92%
	VanEck Vietnam ETF VNM	18.20	538	26	28	28	30	29	28	21	18	21	29	17	11	6	8	5	3	7	6	D3	2	AF	AR	- 11	4.18%	8.92%	-5.60%
	State Street SPDR S&P Emerging Asia GMF	143.16	372	19	27	26	27	23	26	17	15	16	18	18	17	16	18	10	18	18	19	D2	4	AF	AR	- 6	5.46%	2.79%	0.32%
	iShares MSCI Malaysia ETF EWM	28.65	365	15	7	4	3	4	7	11	6	6	5	3	5	7	8	5	4	4	5	D1	3	BF	AR	- 6	1.09%	0.03%	3.84%
	iShares MSCI Indonesia ETF EIDO	16.00	282	30	30	30	30	30	30	27	28	29	29	29	18	16	16	13	17	19	17	D3	5	BF	BF	- 11	2.96%	3.09%	-15.83%
	Invesco India ETF IMVP	21.79	157	30	30	30	30	30	30	29	28	28	29	29	30	29	30	23	27	28	27	D3	10	BF	BF	- 14	7.02%	2.50%	-8.94%
	First Trust India NIFTY 50 Equal Weigh NIFTY	53.80	145	29	30	30	29	28	28	27	25	28	28	24	25	24	22	15	17	18	21	D3	6	BF	BF	+ 10	5.17%	2.69%	-6.31%
	iShares MSCI Philippines ETF EPHE	25.49	136	22	27	24	27	25	26	10	15	15	18	23	21	20	23	29	29	29	30	D2	3	BF	AF	- 5	3.28%	2.08%	-2.45%



		Relative Strength Ranking - RSR																				% Price Δ									
		Price	MKT Cap(MM)	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
Group or Corp		Ticker																													
EF-60	Asia/Pacific																														
	iShares MSCI Austria ETF	EWO	38.44	131	3	6	11	18	19	8	6	3	4	3	3	3	4	3	1	1	3	2	D1	1	AR	AR	- 6	7.52%	13.36%	6.78%	
	First Trust Asia Pacific ex-Japan Alpha FPA	FPA	46.30	116	1	4	3	5	5	6	3	4	4	7	5	6	9	11	12	12	15	13	D1	3	AR	AR	- 51	6.82%	5.21%	18.33%	
	VanEck India Growth Leaders ETF	GLIN	44.42	99	27	30	30	30	29	28	25	22	24	24	29	29	28	28	19	24	26	26	D3	4	AF	BF	- 6	8.78%	4.91%	-2.67%	
	Global X FTSE Southeast Asia ETF	ASEA	19.81	97	6	5	4	3	6	8	6	4	6	5	4	4	7	8	5	4	8	10	D1	4	AR	AR	- 6	1.96%	4.59%	6.22%	
	Franklin FTSE Australia ETF	FLAU	35.30	95	4	6	9	5	7	7	6	7	11	16	16	17	25	28	25	26	22	28	D1	3	AR	AR	- 4	5.52%	6.23%	11.94%	
	iShares MSCI New Zealand ETF	ENZL	44.42	73	27	29	27	27	27	24	21	28	23	19	19	24	27	25	27	28	26	29	D2	4	BF	BF	- 6	4.88%	1.21%	-3.40%	
	iShares Asia/Pacific Dividend ETF	DVYA	50.17	70	4	4	4	3	9	8	6	8	8	9	7	8	10	11	9	8	11	9	D1	3	AR	AR	- 46	3.27%	4.95%	10.68%	
	Franklin FTSE Asia ex Japan ETF	FLAX	32.44	45	7	17	17	6	8	13	6	7	6	8	4	5	7	6	5	7	8	14	D1	1	AR	AR	- 6	6.48%	4.95%	4.85%	
VanEck Indonesia Index ETF	IDX	14.14	31	30	30	30	30	30	30	29	28	28	30	29	16	16	18	13	14	15	6	D3	6	BF	BF	- 17	4.35%	3.21%	-15.88%		
EF-61	China				28	29	28	28	27	29	28	28	28	26	17	16	18	14	12	15	13	13	D3	7	BF	BR	- 27	3.20%	-0.69%	-6.78%	
	iShares MSCI China ETF	MCHI	57.18	6,770	29	30	29	30	29	30	30	28	29	29	27	26	26	25	22	29	25	26	D3	8	BF	BR	- 27	2.40%	-1.04%	-8.10%	
	KraneShares CSI China Internet ETF	KWEB	28.70	6,220	30	30	30	30	30	30	30	30	30	30	29	29	29	29	29	30	30	30	D3	9	BF	BF	- 27	2.17%	-4.84%	-19.90%	
	iShares China Large-Cap ETF	FXI	36.25	6,003	29	30	29	29	29	30	30	28	29	28	27	27	28	27	21	29	27	27	D3	8	BF	BR	- 28	1.94%	0.03%	-7.88%	
	Invesco China Technology ETF	CQQQ	47.63	2,565	30	30	30	30	29	30	29	28	28	27	16	7	8	7	9	20	20	23	D3	3	BF	BR	- 10	5.49%	-3.31%	-15.47%	
	Xtrackers Harvest CSI 300 China A-Sh ASHR		33.81	1,499	17	22	20	16	8	18	18	18	19	19	16	15	14	8	5	6	6	7	D2	3	AR	AR	- 24	3.78%	0.84%	-0.29%	
	WisdomTree China ex-State-Owned Eri CXSE		39.19	528	28	30	28	28	28	28	29	29	28	28	20	20	20	17	13	13	15	13	D3	7	AF	BR	+ 4	3.94%	0.90%	-6.12%	
	State Street SPDR S&P China ETF	GXC	94.41	496	29	29	28	28	27	28	28	27	28	25	22	21	23	23	20	28	22	22	D3	4	BF	BR	- 27	2.39%	-1.97%	-6.60%	
	Franklin FTSE China ETF	FLCH	22.90	284	29	30	28	29	28	30	29	28	28	28	26	25	25	25	20	29	23	25	D3	7	BF	BR	- 27	2.45%	-1.17%	-6.99%	
	Direxion Daily CSI China Internet Index CWEB		27.14	250	30	30	30	30	30	30	30	30	30	30	30	28	27	28	27	24	26	28	26	D3	14	BF	BF	+ 15	4.42%	-10.30%	-38.02%
	iShares MSCI China A ETF	CNYA	35.28	208	18	24	19	18	8	17	17	18	19	18	17	14	10	6	5	5	6	8	D2	2	AR	AR	- 11	3.58%	-0.18%	-1.54%	
	KraneShares Bosera MSCI China A 50 KBA		31.47	181	15	21	20	20	16	26	23	22	24	22	17	17	12	5	4	3	4	5	D2	4	AR	AR	- 24	4.33%	3.79%	-0.76%	
	Global X MSCI China Consumer Discre CHIQ		20.27	154	29	30	29	30	29	30	30	30	30	30	29	30	29	30	30	29	29	30	30	D3	16	AF	BF	- 26	2.43%	1.50%	-6.37%
	Invesco Golden Dragon China ETF	PGJ	26.23	113	30	30	30	30	28	30	30	29	30	29	24	24	25	26	19	21	23	21	D3	8	BF	BF	+ 12	1.43%	-4.12%	-10.83%	
	First Trust China AlphaDEX Fund	FCA	32.63	111	6	6	4	3	2	3	4	4	6	6	3	6	9	5	7	19	13	11	D1	3	AR	AR	- 4	3.72%	-1.43%	5.77%	
	iShares MSCI China Small-Cap ETF	ECNS	33.76	84	27	27	27	28	26	28	23	20	23	27	28	26	29	30	30	30	30	30	D2	4	BF	BR	- 6	2.43%	-0.25%	-1.77%	
	KraneShares MSCI All China Health Care KURE		17.75	84	27	18	27	29	29	30	30	28	29	29	30	29	28	28	30	30	30	30	D3	6	AR	BR	+ 1	-1.55%	6.29%	-6.03%	
	VanEck ChiNext ETF	CNXT	48.54	68	4	14	5	3	5	20	15	14	15	14	4	3	2	1	1	1	1	1	U3	1	AR	AR	- 26	8.83%	5.94%	4.86%	
	KraneShares MSCI China Clean Techn KGRN		29.04	64	17	14	11	14	8	28	30	28	29	29	30	29	30	30	29	30	30	30	U2	3	AR	AR	+ 5	1.54%	-0.65%	4.69%	
	Xtrackers Harvest CSI 500 China A-Sh ASHS		42.21	36	8	14	6	4	2	3	2	4	4	4	2	2	1	1	3	3	3	5	D1	3	BF	AR	- 5	5.04%	-2.46%	0.67%	
FIXED INCOME - Bonds (US)																															
EF-62	Broad Bond Market				26	20	16	15	20	22	24	25	25	27	19	20	21	19	16	14	15	15	D2	3	BR	AR	- 5	0.15%	0.65%	0.04%	
	Vanguard Total Bond Market ETF	BND	73.64	151,928	26	20	15	15	19	23	25	25	26	27	20	21	22	20	17	15	17	16	D2	2	BR	AR	- 58	0.08%	0.46%	0.10%	
	iShares Core U.S. Aggregate Bond ET AGG		99.32	135,512	26	20	15	15	19	23	25	25	26	27	20	21	22	20	17	15	17	16	D2	2	BR	AR	- 58	0.09%	0.45%	0.13%	
	iShares Core Total USD Bond Market F iUSB		46.25	36,246	26	20	15	15	19	23	25	25	26	27	20	21	22	20	17	15	17	16	D2	2	BR	AR	- 59	0.15%	0.53%	0.14%	
	Vanguard Intermediate-Term Bond ETI BIV		77.16	28,414	26	20	16	15	19	23	25	25	26	27	20	22	22	21	17	15	17	16	D2	2	BR	AR	- 58	0.10%	0.36%	0.00%	
	Schwab US Aggregate Bond ETF	SCHZ	23.23	9,966	26	19	15	15	19	23	25	25	26	27	19	21	22	20	17	15	17	16	D2	2	BR	AR	- 58	0.04%	0.43%	0.13%	
	State Street SPDR Portfolio Aggregate SPAB		25.62	9,546	26	19	15	15	19	23	25	25	26	27	20	21	22	20	17	15	17	16	D2	2	BR	AR	- 58	0.08%	0.50%	0.16%	
	PIMCO Active Bond Exchange-Traded BOND		92.51	7,774	25	20	15	15	19	21	24	25	24	25	19	21	21	19	16	15	16	16	D2	2	BR	AR	- 59	0.30%	0.61%	0.11%	
	Vanguard Long-Term Bond ETF	BLV	68.91	5,878	27	22	22	22	26	24	23	25	24	28	21	21	22	21	18	16	18	18	D3	3	BR	AR	- 36	0.04%	1.19%	-0.39%	
	iShares Core 10+ Year USD Bond ETF ILTB		49.18	615	27	23	22	22	26	24	24	25	24	28	21	21	22	21	17	15	18	17	D3	3	BR	AR	- 37	0.27%	1.27%	-0.46%	
	iShares Agency Bond ETF	AGZ	109.62	548	25	19	13	13	19	23	25	25	27	27	20	21	22	21	17	15	17	16	D1	1	AR	AR	- 125	0.15%	0.58%	0.41%	
	Vident U.S. Bond Strategy ETF	VBND	43.75	508	26	21	17	15	20	24	25	25	26	27	20	21	22	21	17	16	18	17	D2	3	BF	AR	- 58	0.34%	0.70%	0.03%	
EF-63	U.S. Government				27	22	18	18	20	22	23	26	25	28	20	21	22	20	17	15	17	15	D2	3	BR	AR	- 5	-0.06%	0.12%	-0.27%	
	iShares 7-10 Year Treasury Bond ETF IEF		95.27	48,683	26	21	17	15	19	23	24	25	26	28	20	22	23	21	17	15	17	16	D2	2	BR	AR	- 56	0.01%	0.00%	-0.13%	

				Relative Strength Ranking - RSR																			% Price Δ							
			MKT	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)																		CYCLE	DAY	DAY	MACD	1 week	1 month	3 month		
EF-63	U.S. Government																													
	iShares 20+ Year Treasury Bond ETF	TLT	86.49	42,051	27	23	21	22	24	24	23	25	24	28	22	22	23	22	19	17	18	19	D3	3	BR	BR	- 31	-0.35%	0.34%	-0.54%
	iShares U.S. Treasury Bond ETF	GOVT	22.88	40,949	26	20	15	14	19	23	25	25	26	28	20	22	23	21	17	16	18	17	D2	2	BR	AR	- 57	0.00%	0.12%	0.07%
	Vanguard Intermediate-Term Treasury	VGIT	59.43	39,772	26	20	15	14	17	23	25	25	26	27	20	22	23	21	17	16	17	16	D2	2	BR	AR	- 58	0.07%	0.01%	0.08%
	iShares 3-7 Year Treasury Bond ETF	IEI	118.42	18,758	26	20	14	13	17	23	25	25	27	27	20	22	23	21	17	16	18	16	D2	2	BR	AR	- 59	0.11%	0.03%	0.12%
	Schwab Intermediate-Term US Treasu	SCHR	24.87	12,781	26	20	15	14	17	23	25	25	26	28	20	22	23	21	17	16	18	16	D2	2	BR	AR	- 58	0.08%	0.04%	0.13%
	State Street SPDR Portfolio Intermedia	SPTI	28.61	10,005	26	20	15	14	17	23	25	25	26	27	20	22	23	21	17	16	18	16	D2	2	BR	AR	- 58	0.10%	0.05%	0.14%
	Vanguard Long-Term Treasury ETF	VGLT	55.26	9,928	27	23	20	21	24	23	23	25	24	28	22	22	23	21	18	16	18	18	D3	3	BR	AR	- 32	-0.20%	0.36%	-0.51%
	PIMCO 25+ Year Zero Coupon US Tre	ZROZ	63.38	1,380	28	25	25	26	27	26	22	25	24	29	24	24	24	23	21	18	21	21	D3	3	BR	BR	+ 3	-0.74%	0.60%	-1.26%
Invesco Equal Weight 0-30 Year Treas	GOVI	27.30	1,051	27	22	18	20	23	24	23	25	26	28	21	22	23	21	18	16	18	17	D2	1	BR	AR	- 36	-0.09%	0.22%	-0.42%	
Invesco Taxable Municipal Bond ETF	BAB	26.97	1,030	26	22	15	17	19	21	23	25	26	27	20	21	21	19	16	15	16	16	D2	3	BR	AR	- 42	0.33%	0.17%	-0.17%	
EF-64	Credit				25	20	17	17	23	24	25	26	26	26	18	20	21	19	16	14	15	15	D2	4	AF	AR	- 6	0.19%	1.25%	-0.01%
	Vanguard Intermediate-Term Corporat	VCIT	82.95	65,542	26	20	17	17	22	23	25	25	26	27	19	21	22	20	16	15	16	16	D2	3	AF	AR	- 60	0.25%	1.01%	0.02%
	iShares iBoxx \$ Investment Grade Cor	LQD	109.20	31,941	26	21	19	20	24	24	25	25	26	27	20	21	22	21	17	15	18	16	D2	3	BF	AR	- 57	0.07%	1.37%	-0.19%
	iShares 5-10 Year Investment Grade C	IGIB	53.33	17,740	26	20	17	17	21	23	25	25	26	26	19	21	22	20	16	15	16	16	D2	3	BF	AR	- 61	0.26%	0.94%	0.00%
	State Street SPDR Portfolio Intermedia	SPIB	33.56	10,793	25	19	15	14	19	23	25	25	26	26	19	21	22	20	16	15	17	16	D2	2	AR	AR	- 123	0.18%	0.73%	0.23%
	Vanguard Long-Term Corporate Bond	VCLT	74.99	7,312	27	22	22	24	26	26	25	25	26	28	20	21	22	21	18	15	18	17	D3	4	BF	AR	- 40	0.01%	2.13%	-0.57%
	iShares 10+ Year Investment Grade Co	IGLB	49.83	2,576	27	22	22	24	26	26	25	25	26	28	20	21	22	21	18	15	18	17	D3	4	BF	AR	- 40	0.10%	1.98%	-0.61%
	iShares 0-5 Year Investment Grade Co	SLQD	50.43	2,327	24	18	13	12	17	22	25	25	27	27	19	21	22	21	17	15	17	16	D1	3	AR	AR	- 170	0.09%	0.46%	0.50%
	State Street SPDR Portfolio Corporate	SPBO	29.07	1,939	26	20	17	17	24	24	25	25	26	27	19	21	22	20	17	15	17	16	D2	3	AF	AR	- 59	0.14%	1.19%	0.02%
	iShares Aaa-A Rated Corporate Bond	IQLTA	47.66	1,659	26	20	18	18	24	24	25	25	26	27	20	21	22	21	17	15	18	16	D2	3	AF	AR	- 57	0.06%	1.19%	-0.06%
	PIMCO Investment Grade Corporate B	CORP	97.06	1,634	26	20	17	17	22	24	25	25	26	27	19	21	22	20	17	15	17	16	D2	3	BF	AR	- 60	0.24%	1.03%	0.07%
	State Street SPDR Portfolio Long Term	SPLB	22.30	1,332	27	22	22	24	27	26	25	25	26	28	20	21	22	21	18	16	18	18	D3	4	BF	AR	- 39	-0.09%	2.01%	-0.70%
	WisdomTree Yield Enhanced U.S. Agg	AGGY	43.68	887	26	20	16	16	21	23	25	25	26	27	20	21	22	20	17	15	17	16	D2	3	BR	AR	- 58	0.09%	0.73%	0.01%
	iShares Interest Rate Hedged Corpora	LQDH	92.50	495	22	17	14	13	22	25	25	25	27	25	19	20	21	19	15	14	16	15	D1	1	AF	AR	- 176	0.33%	1.98%	0.31%
	iShares Interest Rate Hedged High Yie	HYGH	85.86	464	20	15	13	12	17	24	25	25	26	25	19	20	20	18	16	15	17	15	D1	5	AR	AR	- 48	0.47%	1.71%	0.81%
ProShares Investment Grade-Interest	IIGH	78.03	275	22	17	14	13	21	25	27	25	28	26	19	21	22	20	16	15	17	16	D1	1	AR	AR	- 177	0.42%	1.69%	0.58%	
Invesco Global ex-US High Yield Corpc	PGHY	19.77	221	21	17	15	14	18	24	24	25	26	25	19	20	21	18	16	15	16	16	D2	3	AR	AR	- 174	0.61%	1.35%	0.23%	
Invesco Fundamental Investment Grac	PFIG	24.09	113	25	19	14	13	19	22	25	25	26	26	19	21	22	20	16	15	18	16	D2	3	BF	AR	- 123	0.05%	0.72%	0.18%	
EF-65	Asset Allocation				22	23	23	21	19	19	21	21	21	20	15	17	17	15	12	12	12	12	D2	3	AF	AR	- 6	1.91%	1.34%	-0.47%
	iShares Core 80/20 Aggressive Allocati	AOA	91.59	2,917	18	22	24	23	22	22	20	19	19	19	14	16	17	14	12	11	14	13	D2	3	AR	AR	- 46	3.34%	3.45%	0.51%
	iShares Core 40/60 Moderate Allocatio	AOM	48.10	1,715	20	22	20	20	20	23	22	22	23	23	17	19	20	17	14	13	15	14	D2	3	AF	AR	- 48	1.78%	2.01%	0.39%
	WBI BullBear Quality 3000 ETF	WBIL	34.68	28	27	27	26	25	24	26	21	21	22	20	22	23	22	20	20	19	18	17	D2	4	BF	AR	- 6	1.84%	0.24%	-2.46%
	WBI BullBear Yield 3000 ETF	WBIG	23.76	28	25	17	16	15	15	15	22	22	21	22	17	18	19	16	14	12	14	13	D2	2	BF	AR	- 32	-0.04%	-0.38%	-0.02%
	VanEck Long/Flat Trend ETF	LFEQ	53.98	27	23	27	27	27	26	26	25	24	26	23	19	21	20	17	16	9	18	15	D3	2	AF	AR	- 22	3.54%	2.77%	-2.04%
	WBI BullBear Value 3000 ETF	WBIF	31.88	24	21	19	20	16	12	12	18	19	20	19	23	23	22	23	23	23	20	21	D2	2	BR	AR	- 5	1.03%	-0.08%	0.70%
EF-66	Mortgages				23	18	13	10	16	20	24	25	25	25	18	20	21	18	15	14	15	14	D1	3	AR	AR	- 5	0.22%	0.45%	0.47%
	iShares MBS ETF	MBB	94.97	38,729	24	17	14	13	17	21	23	25	23	26	19	21	21	18	16	15	16	16	D2	2	BR	AR	- 58	0.12%	0.43%	0.17%
	Vanguard Mortgage-Backed Securities	VMBS	46.99	15,059	23	17	14	13	16	21	24	25	23	25	19	21	21	19	16	15	16	16	D1	3	AR	AR	- 59	0.13%	0.45%	0.33%
	State Street SPDR Portfolio Mortgage	SPMB	22.42	6,899	23	17	14	13	17	21	24	25	23	25	19	21	21	19	16	15	16	16	D1	1	AR	AR	- 58	0.18%	0.63%	0.40%
	First Trust Low Duration Opportunities	LMBS	49.99	6,124	23	17	11	12	15	21	25	25	26	26	19	21	21	19	16	15	16	16	D1	3	AR	AR	- 169	0.21%	0.32%	0.64%
	FlexShares iBoxx 5 Year Target Durati	TDTF	24.17	1,009	24	18	14	12	16	21	25	25	27	28	20	22	23	22	18	17	18	18	D1	2	AR	AR	- 60	0.19%	0.04%	0.96%
	iShares GNMA Bond ETF	GNMA	44.54	412	22	17	14	13	16	20	23	25	25	25	19	21	21	19	16	15	16	16	D1	1	AR	AR	- 58	0.47%	0.77%	0.57%
	FlexShares Disciplined Duration MBS	MBSD	20.73	93	24	18	14	13	17	22	25	25	26	26	19	21	22	19	16	15	17	16	D2	2	AR	AR	- 59	0.24%	0.47%	0.23%

		Relative Strength Ranking - RSR																				% Price Δ							
		Price	MKT Cap(MM)	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-66	Mortgages																												
EF-67	Inflation			25	19	14	10	17	22	26	27	27	27	19	21	22	21	17	16	17	17	D2	2	AR	AR	- 4	0.14%	0.28%	0.70%
	Vanguard Short-Term Inflation-Protection	50.05	17,422	22	17	12	12	15	21	25	28	28	28	20	22	23	22	18	17	18	17	U3	72	AR	AR	- 161	0.13%	0.29%	1.16%
	Schwab US TIPS ETF	26.73	15,562	25	19	15	13	17	22	25	25	27	28	20	22	23	22	18	17	19	18	D2	2	AR	AR	- 60	0.19%	0.22%	0.78%
	iShares 0-5 Year TIPS Bond ETF	103.45	14,799	22	17	12	12	15	21	25	28	28	28	20	22	23	22	18	17	18	17	U3	72	AR	AR	- 160	0.14%	0.28%	1.15%
	iShares TIPS Bond ETF	111.02	14,144	25	19	15	10	16	21	25	28	27	27	29	29	29	28	29	28	27	27	D2	2	AR	AR	- 4	0.19%	0.28%	0.76%
	State Street SPDR Bloomberg 1-10 Year TIPS	19.19	1,856	24	17	13	12	16	21	25	25	27	28	20	22	23	22	18	17	18	18	D1	2	AR	AR	- 122	0.10%	0.15%	0.92%
	State Street SPDR Portfolio TIPS ETF	26.06	996	25	19	15	14	17	23	25	25	27	28	20	22	23	22	18	17	19	18	D2	2	AR	AR	- 59	0.19%	0.32%	0.68%
	PIMCO 15+ Year US TIPS Index Exchange	51.66	688	27	25	25	25	26	26	25	25	26	28	22	22	23	22	19	18	20	19	D3	3	BR	BR	- 32	0.04%	0.55%	-0.92%
	PIMCO 1-5 Year US TIPS Index Exchange	54.16	437	23	17	13	12	16	22	25	28	28	28	20	22	23	22	18	17	19	18	U3	17	AR	AR	- 159	0.10%	0.20%	1.00%
	PIMCO Broad U.S. TIPS Index ETF	53.28	151	25	19	15	13	17	22	25	25	27	28	20	22	23	22	18	17	19	18	D2	2	AR	AR	- 59	0.18%	0.22%	0.73%
EF-68	Short Duration			23	17	10	6	16	21	26	26	26	26	18	20	21	20	16	15	16	15	D1	3	AR	AR	- 28	0.13%	0.37%	0.67%
	State Street SPDR Bloomberg 1-3 Month	91.49	50,521	22	16	12	12	15	22	25	25	27	27	19	21	22	21	17	16	18	16	U3	203	AR	AR	- 203	0.08%	0.27%	0.88%
	Vanguard Short-Term Bond ETF	78.27	44,424	25	19	13	13	17	23	25	25	27	27	19	21	22	21	17	16	18	16	D1	2	BR	AR	- 128	0.06%	0.20%	0.32%
	Vanguard Short-Term Corporate Bond	79.20	42,247	25	18	14	13	17	23	25	25	26	26	19	21	22	21	16	15	17	16	D1	1	AR	AR	- 170	0.13%	0.53%	0.38%
	Vanguard Short-Term Treasury ETF	58.42	28,932	25	18	13	12	16	23	25	25	27	27	19	21	22	21	17	16	18	16	D1	2	AR	AR	- 168	0.05%	0.13%	0.38%
	iShares 1-3 Year Treasury Bond ETF	82.41	25,662	25	18	13	12	16	23	25	25	27	27	20	21	22	21	17	16	18	16	D1	2	AR	AR	- 167	0.06%	0.13%	0.36%
	iShares 1-5 Year Investment Grade Corporate	52.52	21,856	25	18	14	13	17	22	25	25	26	26	19	21	22	21	16	15	17	16	D1	3	AR	AR	- 170	0.13%	0.51%	0.40%
	iShares Trust iShares 0-1 Year Treasury	110.20	21,196	22	16	12	12	15	22	25	25	27	27	19	21	22	21	17	16	18	16	U3	191	AR	AR	- 190	0.07%	0.27%	0.84%
	WisdomTree Floating Rate Treasury Fund	50.39	17,722	22	16	6	11	15	21	25	25	27	27	19	21	22	21	17	16	18	16	U3	219	AR	AR	- 219	0.06%	0.24%	0.93%
	PIMCO Enhanced Short Maturity Active	100.43	15,814	22	16	12	11	15	21	25	25	27	27	19	21	22	21	17	16	18	16	U3	176	AR	AR	- 174	0.06%	0.28%	1.01%
	Schwab Short-Term US Treasury ETF	24.22	12,025	25	18	13	12	16	23	25	25	27	27	19	21	22	21	17	16	18	16	D1	2	AR	AR	- 167	0.04%	0.14%	0.38%
	State Street SPDR Portfolio Short Term	30.05	9,886	24	18	13	12	17	22	25	25	27	27	19	21	22	21	16	15	17	16	D1	3	AR	AR	- 170	0.13%	0.51%	0.49%
	iShares Floating Rate Bond ETF	50.87	9,243	22	16	12	12	16	22	25	25	27	27	19	21	22	21	17	16	18	16	U3	49	AR	AR	- 186	0.22%	0.51%	0.92%
	iShares Ultra Short Duration Bond Active	50.53	7,347	22	16	12	12	15	22	25	25	27	27	19	21	22	21	17	16	18	16	U3	192	AR	AR	- 190	0.06%	0.28%	0.85%
	iShares Treasury Floating Rate Bond ETF	50.54	6,823	22	16	12	12	15	22	25	25	27	27	19	21	22	21	17	16	18	16	U3	219	AR	AR	- 219	0.06%	0.26%	0.92%
	First Trust Enhanced Short Maturity ETF	59.87	6,580	23	17	12	12	16	22	25	25	27	27	19	21	22	21	17	16	18	16	U3	191	AR	AR	- 190	0.11%	0.35%	0.83%
	State Street SPDR Portfolio Short Term	29.11	6,215	25	18	13	12	16	23	25	25	27	27	19	21	22	21	17	16	18	16	D1	2	AR	AR	- 167	0.03%	0.10%	0.39%
	iShares Core 1-5 Year USD Bond ETF	48.41	4,734	25	19	13	13	17	23	25	25	27	27	19	21	22	21	17	16	17	16	D1	3	AR	AR	- 169	0.12%	0.26%	0.31%
	iShares Short Duration Bond Active ETF	50.79	4,284	25	18	13	12	17	23	25	25	27	27	19	21	22	21	16	15	17	16	D1	3	AR	AR	- 185	0.12%	0.38%	0.40%
	State Street SPDR Bloomberg Investment	30.73	2,793	22	17	12	12	16	21	25	25	27	27	19	21	22	21	17	16	18	16	U3	49	AR	AR	- 187	0.23%	0.49%	0.90%
	VanEck IG Floating Rate ETF	25.45	2,670	22	17	12	12	15	21	25	25	27	26	19	21	22	20	16	16	17	16	U3	49	AR	AR	- 185	0.28%	0.41%	0.88%
	FlexShares iBoxx 3 Year Target Duration	24.27	2,559	23	17	13	12	16	22	25	28	28	28	20	22	23	22	18	17	19	18	U3	18	AR	AR	- 126	0.14%	0.25%	1.04%
	State Street Ultra Short Term Bond ETF	40.42	645	23	17	12	12	16	22	25	25	27	27	19	21	22	21	17	16	18	16	U3	188	AR	AR	- 188	0.04%	0.24%	0.70%
	Fidelity Limited Term Bond ETF	50.37	390	25	18	14	13	17	22	25	25	27	27	19	21	22	21	16	15	17	16	D1	3	AF	AR	- 169	0.06%	0.30%	0.31%
	Franklin Short Duration U.S. Government	90.56	281	23	17	12	12	16	21	25	25	27	26	19	21	22	20	16	15	17	16	U3	1	AR	AR	- 167	0.09%	0.27%	0.58%
	WisdomTree Interest Rate Hedged High	22.45	225	20	16	11	12	17	24	25	25	26	25	18	20	21	18	15	15	16	16	D1	5	AR	AR	- 48	0.59%	1.50%	0.64%
	WisdomTree Interest Rate Hedged U.S.	22.62	93	20	15	6	12	15	21	25	25	27	27	19	21	21	20	17	16	16	16	U3	47	AR	AR	- 178	0.31%	0.87%	1.29%
EF-69	Municipal Bonds			24	20	14	11	15	20	23	24	24	24	18	20	20	17	14	14	15	14	D2	2	BR	AR	- 6	0.47%	-0.04%	0.30%
	iShares National Muni Bond ETF	106.84	43,505	25	20	15	14	16	21	24	25	25	25	19	20	21	18	15	15	16	15	D2	2	BF	AR	- 32	0.33%	-0.12%	0.03%
	Vanguard Tax-Exempt Bond ETF	50.24	42,334	25	20	15	13	16	21	24	25	25	25	19	20	21	18	15	15	16	15	D2	2	BR	AR	- 32	0.48%	0.05%	0.18%
	iShares Short-Term National Muni Bond	106.56	11,008	25	19	13	12	16	24	25	25	27	27	19	21	22	21	17	17	18	17	D1	2	BF	AR	- 126	0.12%	-0.16%	0.25%
	VanEck High Yield Muni ETF	50.99	4,069	21	18	18	15	17	23	25	25	26	25	19	20	20	17	14	14	15	14	D2	2	AR	AR	- 29	0.82%	0.99%	0.50%
	Invesco National AMT-Free Municipal	23.26	3,944	23	19	15	15	16	21	23	25	24	24	18	20	20	18	14	14	15	14	D2	3	AR	AR	- 29	0.65%	0.27%	0.65%

			Relative Strength Ranking - RSR																			% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19									
EF-69 Municipal Bonds																														
	State Street SPDR Nuveen ICE Short T` SHM	47.93	3,425	25	19	13	12	16	23	25	25	27	27	19	21	22	21	17	17	18	18	D1	2	BF	AR	- 123	0.19%	-0.26%	0.23%	
	State Street SPDR Nuveen ICE Munci TFI	45.57	3,074	25	20	15	14	16	21	24	25	24	25	19	21	21	18	15	15	16	15	D2	2	BF	AR	- 33	0.46%	-0.06%	0.04%	
	State Street SPDR Nuveen ICE High Y HYMB	25.07	2,873	21	17	15	14	15	19	23	24	24	25	19	20	20	18	15	15	15	15	D2	2	AR	AR	- 28	0.68%	0.52%	1.07%	
	PIMCO Intermediate Municipal Bond A MUNI	52.37	2,813	25	20	14	13	16	21	25	25	24	25	19	21	21	19	16	15	16	15	D2	2	BF	AR	- 37	0.27%	-0.10%	0.17%	
	VanEck Intermediate Muni ETF ITM	46.76	2,167	26	22	17	14	16	20	23	24	23	24	18	20	21	18	15	14	15	14	D2	2	BF	AR	- 37	0.51%	-0.33%	-0.53%	
	First Trust Managed Municipal ETF FMB	51.16	2,003	24	20	14	13	15	19	23	24	23	24	18	20	21	18	15	14	15	15	D2	2	BR	AR	- 32	0.55%	0.04%	0.42%	
	Franklin Dynamic Municipal Bond ETF FLMI	24.93	1,935	23	18	14	13	15	18	23	23	23	24	18	20	20	18	15	14	15	15	D2	1	BR	AR	- 39	0.52%	0.08%	0.64%	
	iShares Short Maturity Municipal Bond MEAR	50.28	1,378	25	18	13	12	16	23	25	25	27	27	20	21	22	21	17	17	18	17	D1	2	BR	AR	- 192	0.04%	-0.05%	0.46%	
	PIMCO Short Term Municipal Bond Act SMMU	50.48	1,058	25	18	13	12	16	22	25	25	27	27	19	21	22	21	17	17	18	17	D1	2	BR	AR	- 172	0.09%	-0.05%	0.40%	
	VanEck Short High Yield Muni ETF SHYD	22.69	423	26	21	14	13	16	23	25	25	26	26	19	21	21	19	16	15	17	16	D2	2	BF	AR	- 44	0.22%	-0.32%	-0.49%	
	VanEck CEF Muni Income ETF XMPT	21.86	205	22	23	22	15	14	17	21	22	20	23	17	20	18	16	13	14	14	14	D2	2	AR	AR	- 31	1.96%	0.06%	0.47%	
	Franklin Municipal Green Bond ETF FLMB	23.88	86	22	19	16	14	15	20	23	24	23	24	18	20	20	18	14	14	15	14	D2	2	AR	AR	- 30	0.67%	0.27%	0.66%	
	Invesco Floating Rate Municipal Incom PVI	24.74	31	26	17	6	12	16	25	25	28	28	28	20	22	23	22	17	17	19	18	U3	205	BF	AR	- 203	-0.64%	-0.38%	0.10%	
	First Trust Flexible Municipal High Inco MFLX	17.06	19	23	20	15	12	13	18	23	24	23	24	18	20	20	18	15	14	15	15	D1	3	BR	AR	- 30	0.95%	-0.89%	0.77%	
FIXED INCOME - Bonds (Intl)																														
EF-70 High Yield																														
	iShares iBoxx \$ High Yield Corporate B HYG	79.96	17,015	22	18	15	15	20	25	25	25	26	25	19	20	21	19	16	15	17	16	D2	3	AR	AR	- 171	0.50%	1.45%	0.17%	
	iShares 0-5 Year High Yield Corporate SHYG	42.38	7,493	22	17	15	14	19	25	25	25	27	26	19	21	21	19	16	15	16	16	D2	3	AR	AR	- 175	0.43%	1.34%	0.18%	
	State Street SPDR Bloomberg High Yie JNK	96.24	7,071	22	17	16	15	20	24	25	25	26	25	19	20	21	18	15	15	16	16	D2	3	AR	AR	- 170	0.54%	1.60%	0.17%	
	Invesco Senior Loan ETF BKLN	20.49	6,389	26	20	13	13	20	27	28	28	28	28	20	21	21	18	15	14	16	15	U1	1	AF	AR	- 176	0.05%	0.71%	-1.17%	
	State Street Blackstone Senior Loan E` SRLN	40.15	4,790	26	21	16	15	24	27	28	28	28	28	20	21	21	19	15	15	16	16	D3	2	AF	AR	+ 1	0.30%	1.15%	-1.31%	
	State Street SPDR Bloomberg Short Tr SJNK	25.03	4,643	22	17	15	14	19	25	25	25	27	26	19	21	21	19	16	15	17	16	D2	3	AR	AR	- 174	0.40%	1.30%	0.14%	
	VanEck Fallen Angel High Yield Bond F ANGL	29.13	3,045	22	20	20	20	24	25	25	24	23	25	19	20	21	18	15	15	16	15	D2	3	AR	AR	- 48	1.09%	2.03%	0.11%	
	PIMCO 0-5 Year High Yield Corporate IHYS	93.48	1,673	22	17	15	13	19	25	25	25	27	26	19	20	21	18	15	14	16	16	D2	3	AR	AR	- 174	0.41%	1.33%	-0.06%	
	First Trust Tactical High Yield ETF HYLS	40.90	1,642	26	22	17	17	24	26	27	28	28	28	19	21	21	19	16	15	17	16	D3	1	AF	AR	- 168	0.39%	1.07%	-1.01%	
	iShares J.P. Morgan EM High Yield Bond EMHY	40.08	581	20	21	19	18	19	20	23	22	22	23	17	18	20	17	13	12	14	14	D2	2	AF	AR	- 125	1.80%	1.85%	0.74%	
	Principal Active High Yield ETF YLD	18.92	500	20	17	14	13	18	22	25	25	26	25	19	20	21	20	17	16	18	17	D1	3	AR	AR	- 46	0.64%	1.31%	0.81%	
	iShares CMBS ETF CMBS	48.76	500	26	20	14	12	16	20	24	25	26	26	19	21	22	21	16	16	17	16	D2	2	BF	AR	- 122	0.21%	-0.21%	0.42%	
	SPDR Bloomberg International Corpora IBND	31.72	458	26	27	22	24	27	27	25	25	23	25	18	20	23	22	17	16	19	17	D2	4	AF	AF	- 54	2.19%	3.23%	-0.06%	
	Invesco International Corporate Bond E PICB	23.60	354	26	25	22	21	26	25	23	24	23	24	17	20	22	21	17	15	18	16	D2	3	AF	AR	- 54	2.03%	2.52%	0.02%	
	Invesco Bloomberg Enhanced Fallen A IFLN	18.32	286	25	23	21	22	24	26	25	25	26	25	19	20	21	19	15	15	16	16	D2	4	AF	AR	- 172	1.16%	2.18%	-0.54%	
	iShares US & Intl High Yield Corp Bond GHYG	45.50	205	22	21	19	17	24	26	25	25	26	26	18	20	21	19	16	15	17	16	D2	3	AF	AR	- 126	1.15%	1.84%	-0.19%	
	ProShares High Yield-Interest Rate Hedge HYHG	64.11	165	20	15	14	12	18	24	25	25	27	25	18	20	21	20	16	15	17	16	D1	5	AR	AR	- 45	0.42%	1.71%	1.38%	
	RiverFront Strategic Income Fund RIGS	22.80	67	26	20	15	14	19	22	25	25	26	26	19	21	24	20	17	16	18	17	D2	3	BF	AR	- 122	-0.30%	0.05%	-0.78%	
	VanEck International High Yield Bond E IHY	21.74	50	23	23	20	20	24	25	25	25	24	24	18	20	21	20	16	15	17	16	D2	3	AF	AR	- 125	1.68%	2.14%	0.14%	
EF-71 Intl Sovereign Debt																														
	iShares JP Morgan USD Emerging Markets EMB	95.50	14,363	22	23	20	21	21	22	23	23	23	24	18	20	21	18	14	13	14	14	D2	3	AR	AR	- 123	1.63%	1.68%	0.43%	
	Vanguard Emerging Markets Governm VWOB	66.69	5,952	23	23	20	21	22	23	23	24	23	24	19	20	21	18	14	13	14	14	D2	3	AR	AR	- 122	1.48%	1.57%	0.37%	
	VanEck J. P. Morgan EM Local Curren EMLC	25.81	4,907	18	23	20	21	24	23	21	21	19	21	15	17	20	17	13	13	14	14	D2	2	AF	AR	- 57	2.87%	3.33%	1.29%	
	SPDR Bloomberg Emerging Markets L EBND	21.19	2,335	22	25	22	22	26	25	22	23	21	24	17	19	21	18	15	14	16	16	D2	3	AF	AR	- 58	2.71%	2.88%	0.31%	
	SPDR Bloomberg International Treasury BWX	22.17	1,523	27	27	23	23	27	27	25	25	24	28	19	22	24	24	19	18	22	21	D3	4	BF	BF	+ 3	1.33%	1.44%	-0.43%	
	Invesco Emerging Markets Sovereign Income PCY	21.45	1,356	24	24	23	25	24	24	23	23	23	25	19	20	21	18	13	12	14	13	D3	1	AR	AR	- 42	1.85%	2.21%	0.45%	
	iShares International Treasury Bond E IGOV	41.62	1,159	26	25	22	21	26	26	23	24	23	25	26	28	29	29	29	29	28	29	D2	4	BF	BF	- 5	1.52%	2.00%	0.16%	
	iShares J.P. Morgan EM Local Currenc LEMB	42.02	731	20	23	20	20	24	22	20	21	19	20	18	20	24	23	19	18	20	21	D2	3	AF	AR	- 6	2.46%	2.88%	0.86%	
	SPDR FTSE International Government WIP	40.42	495	17	18	14	13	19	16	18	20	18	19	14	16	19	17	15	14	17	15	D1	1	AR	AR	- 53	2.67%	3.47%	2.60%	

		Relative Strength Ranking - RSR																				% Price Δ							
		MKT	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE	50	200		1 week	1 month	3 month		
Group or Corp	Ticker	Price	Cap(MM)																		CYCLE	DAY	DAY	MACD					
EF-71	Intl Sovereign Debt																												
	First Trust Emerging Markets Local Cur FEMB	29.80	367	20	24	20	22	22	24	19	19	19	20	15	17	19	17	13	13	15	14	D2	3	AF	AR	- 55	2.97%	2.55%	1.12%
	SPDR Bloomberg Short Term Internati BWZ	27.22	321	26	24	19	18	24	26	25	25	23	26	18	21	24	23	19	18	21	19	D2	3	BF	BF	- 11	1.08%	1.44%	0.25%
	ALTERNATIVES																												
EF-72	Currency			22	22	13	7	18	21	23	24	22	24	16	19	22	21	16	15	18	17	D1	1	AF	AR	- 5	1.37%	1.13%	1.53%
	Invesco CurrencyShares Swiss Franc FFX	111.88	537	26	24	15	8	19	18	22	24	21	24	22	26	29	29	27	27	27	27	D2	2	BF	AR	- 5	1.27%	0.27%	1.35%
	Invesco CurrencyShares Euro Trust FXE	108.26	471	23	24	16	15	26	26	25	25	26	26	19	21	24	23	17	16	18	17	D2	4	AF	AR	- 54	1.77%	2.79%	1.02%
	Invesco Currencyshares Japanese Yer FXY	57.64	467	27	27	22	24	27	28	28	28	28	29	29	29	30	30	30	30	30	30	D3	5	BF	BF	- 4	0.17%	0.17%	-1.01%
	Invesco CurrencyShares Australian Do FXA	70.08	105	12	10	11	7	10	12	16	17	17	18	13	16	21	18	15	14	17	15	D1	2	AR	AR	- 47	2.46%	1.31%	6.07%
	Invesco CurrencyShares Canadian Do FXC	70.59	78	26	23	14	12	15	18	25	25	26	25	18	21	24	23	17	15	19	17	D2	1	BF	BF	- 15	0.61%	-0.85%	0.58%
	Invesco CurrencyShares British Pound FXB	129.49	65	21	23	14	12	22	24	25	25	23	24	17	20	23	21	17	15	19	18	D1	1	AF	AR	- 16	1.92%	2.03%	1.00%
	WisdomTree Emerging Currency Strat CEW	19.32	15	18	17	11	10	16	20	22	22	19	22	20	21	25	23	20	19	22	22	D1	1	AR	AR	- 6	1.39%	2.20%	1.70%
EF-73	Commodities			4	2	2	2	2	1	2	3	5	4	4	4	5	5	5	5	4	6	D1	1	AR	AR	- 4	0.00%	-1.19%	7.82%
	SPDR Gold Shares GLD	437.13	160,470	12	6	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	BF	AR	- 5	1.80%	-5.14%	5.47%
	iShares Gold Trust IAU	89.56	73,726	12	6	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	BF	AR	- 5	1.84%	-5.11%	5.50%
	Sprott Physical Gold Trust Units PHYS	36.09	17,203	12	6	9	7	2	1	1	1	1	2	1	1	1	1	1	1	1	1	D1	3	BF	AR	- 5	1.98%	-5.25%	4.88%
	abrdn Physical Gold Shares ETF SGOL	45.34	8,170	12	6	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	BF	AR	- 5	1.86%	-5.11%	5.54%
	abrdn Physical Silver Shares ETF SIVR	72.61	5,228	3	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	4	BF	AR	- 10	5.06%	-4.85%	-4.45%
	State Street SPDR S&P Global Natural GNR	75.29	4,933	1	1	2	2	1	2	1	2	1	3	3	3	3	5	4	4	5	7	U3	43	AR	AR	- 4	0.82%	3.95%	17.02%
	abrdn Physical Precious Metals Basket GLTR	222.50	3,026	7	6	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	BF	AR	- 9	2.95%	-4.71%	0.30%
	VanEck Merk Gold ETF OUNZ	45.79	2,893	12	6	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	BF	AR	- 5	1.85%	-5.12%	5.56%
	abrdn Physical Platinum Shares ETF PPLT	186.20	2,579	12	8	21	5	4	3	1	1	2	1	1	1	1	1	1	1	1	1	D2	2	BF	AR	- 10	2.99%	1.29%	-9.96%
	First Trust Global Tactical Commodity & FTGC	28.24	2,549	1	1	1	3	3	4	12	16	18	16	7	9	14	14	13	10	14	13	U3	32	AR	AR	- 77	-2.22%	-0.71%	21.27%
	Invesco DB Commodity Index Tracking DBC	28.50	1,699	1	1	1	1	1	1	7	11	15	14	4	6	17	19	21	19	19	25	U3	32	AR	AR	+ 26	-2.83%	-0.73%	24.45%
	VanEck Agribusiness ETF MOO	85.00	1,237	3	2	2	3	2	3	4	3	2	4	4	6	10	20	21	24	24	26	U3	13	AR	AR	- 4	-0.04%	1.75%	13.38%
	Invesco DB Agriculture Fund DBA	26.89	1,185	15	5	3	3	6	10	25	26	28	28	29	29	29	28	29	29	28	29	U3	8	AR	AR	+ 17	-0.99%	0.52%	4.31%
	iShares U.S. ETF Trust iShares GSCI (COMT)	32.63	1,152	1	1	1	1	1	1	8	12	16	15	5	11	23	23	27	26	26	28	U3	14	AR	AR	+ 14	-5.97%	-0.97%	28.46%
	iShares S&P GSCI Commodity Indexes GSG	30.96	963	1	1	1	1	1	1	8	12	16	15	4	11	23	23	27	25	24	28	U3	14	AR	AR	+ 13	-7.44%	-0.51%	31.35%
	iShares North American Natural Resou IGE	61.92	916	1	1	1	1	4	4	4	5	5	6	6	6	8	9	8	8	12	10	U3	39	AR	AR	- 41	-0.64%	2.30%	17.67%
	abrdn Physical Palladium Shares ETF PALL	138.93	856	29	28	30	30	19	7	2	2	4	2	1	1	1	1	1	1	1	1	D2	3	BF	AR	- 10	1.18%	-1.30%	-16.42%
	State Street SPDR S&P North America NANR	84.35	818	1	1	1	2	1	1	1	1	1	1	2	2	1	3	4	4	3	5	U3	46	AR	AR	- 4	0.26%	3.60%	17.20%
	Sprott Physical Platinum and Palladium SPPP	16.11	702	27	27	28	28	17	4	1	4	7	4	1	1	1	1	1	1	1	1	D2	3	BF	AR	- 10	2.55%	1.38%	-14.17%
	United States Copper Index Fund CPER	35.87	699	12	14	15	26	5	4	6	7	8	4	2	3	2	1	1	1	2	5	D2	2	AF	AR	- 9	4.36%	3.02%	-0.77%
	United States Commodity Index Fund USCI	95.46	348	1	1	1	1	1	3	13	18	23	20	7	9	23	26	27	25	23	25	U3	13	AR	AR	+ 12	-0.84%	3.27%	22.02%
	Invesco DB Base Metals Fund DBB	24.27	305	6	6	5	8	4	3	8	10	10	6	3	3	3	1	1	1	2	4	D1	4	AR	AR	- 9	3.06%	2.06%	1.55%
	Invesco DB Precious Metals Fund DBP	112.45	292	7	6	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	3	BF	AR	- 6	2.81%	-4.48%	2.88%
	Teucrium Corn Fund CORN	17.75	269	27	12	4	3	5	8	26	28	28	29	29	29	30	26	29	28	22	26	U3	6	BR	AR	+ 7	-2.42%	-4.93%	-0.78%
	Teucrium Wheat Fund WEAT	21.79	265	18	4	2	2	2	3	11	15	26	28	27	29	30	30	30	30	30	30	U3	6	BR	AF	+ 14	-4.72%	-7.00%	7.13%
	Teucrium Sugar Fund CANE	9.33	72	28	5	2	2	14	27	30	30	30	30	30	30	30	30	30	30	30	30	U3	2	BR	BF	+ 7	-7.99%	-4.41%	-3.55%
	Teucrium Soybean Fund SOYB	24.50	62	7	4	3	3	3	4	17	19	19	23	29	29	29	29	29	29	27	29	U3	6	AR	AR	+ 10	0.62%	-1.05%	10.71%
EF-74	Multi-Class Income			20	19	17	16	18	18	21	20	19	21	15	17	19	16	14	13	14	14	D2	3	AR	AR	- 6	1.62%	2.04%	1.00%
	First Trust Senior Loan Fund FTSL	44.98	2,262	25	20	14	13	19	26	27	28	28	28	20	21	21	19	16	15	16	16	D3	2	AR	AR	- 176	0.35%	0.70%	-0.79%
	Invesco CEF Income Composite ETF PCEF	19.53	810	22	27	26	27	26	26	23	23	23	24	17	19	20	17	15	14	16	16	D2	4	AF	AR	- 44	3.06%	2.64%	-0.69%
	Amplify CEF High Income ETF YYY	11.35	690	20	25	25	23	24	26	22	22	20	24	17	18	20	17	15	14	16	16	D2	3	AF	AR	- 44	3.28%	2.93%	0.37%
	Multi-Asset Diversified Income Index Fnd MDIV	16.43	404	14	8	5	10	12	13	19	18	19	19	16	19	20	19	17	17	19	16	D1	2	AR	AR	- 39	1.14%	1.42%	4.62%



		Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	12/	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
				10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19									
EF-74	Multi-Class Income																													
	First Trust S&P International Dividend / FID	21.58	158	16	15	16	14	16	10	11	11	11	14	14	18	21	23	18	18	19	21	D1	1	AR	AR	- 5	2.81%	4.07%	4.07%	
	Invesco Zacks Multi-Asset Income ETF CVY	27.63	116	18	14	14	18	20	18	19	17	17	16	14	16	15	14	14	13	15	14	D1	1	AF	AR	- 41	1.41%	3.62%	0.24%	
	First Trust High Income Strategic Focus: HISF	44.64	92	26	21	17	16	20	24	25	25	26	26	19	21	21	20	16	15	16	16	D2	3	BF	AR	- 60	0.42%	0.69%	-0.22%	
	State Street Income Allocation ETF INKM	34.09	70	18	13	11	12	14	15	18	19	18	19	16	18	20	17	15	14	16	15	D1	3	AR	AR	- 121	1.16%	1.76%	2.68%	
	BondBloxx USD High Yield Bond Sectc HYSA	14.97	30	23	21	18	16	24	26	25	25	27	26	19	21	21	19	16	15	16	16	D2	3	AF	AR	- 126	0.98%	2.04%	0.00%	
	LEVERAGED/MISC																													
EF-75	Leveraged Long																													
	ProShares UltraPro QQQ TQQQ	49.17	27,550	28	30	30	30	28	30	29	29	30	29	14	13	13	8	10	5	7	8	D3	5	AF	BR	+ 4	13.48%	7.23%	-11.67%	
	Direxion Daily Semiconductor Bull 3X E SOXL	76.39	13,513	1	2	19	2	3	7	1	1	1	1	1	1	1	1	1	1	1	1	D1	4	AR	AR	- 6	44.82%	50.61%	41.59%	
	ProShares Ultra QQQ QLD	68.19	9,328	27	30	30	29	28	28	29	29	29	28	15	15	15	11	11	7	10	9	D3	4	AF	AR	- 42	8.93%	5.32%	-6.75%	
	ProShares Ultra S&P 500 SSO	56.48	5,953	26	29	30	29	28	28	25	23	27	20	14	15	14	10	10	7	10	9	D3	3	AF	AR	- 41	7.09%	5.05%	-5.51%	
	Direxion Daily S&P 500 Bull 3X ETF SPXL	209.76	5,422	27	30	30	30	30	29	26	22	27	18	10	13	7	4	5	4	2	4	D3	3	AF	AR	- 24	10.63%	6.83%	-9.52%	
	ProShares UltraPro S&P500 UPRO	110.01	4,417	27	30	30	30	28	28	25	22	27	18	12	12	10	7	8	5	8	7	D3	3	AF	AR	- 40	10.70%	7.04%	-9.37%	
	Direxion Daily Technology Bull 3X ETF TECL	105.95	3,703	29	30	30	30	30	30	30	30	30	30	19	16	13	9	8	5	7	7	D3	6	AF	BR	+ 5	14.68%	10.74%	-13.35%	
	Direxion Daily 20+ Year Treasury Bull 3 TMF	36.13	2,836	30	29	29	29	28	27	18	25	22	29	26	25	25	24	23	20	23	23	D3	3	BF	BF	+ 13	-1.09%	-0.12%	-4.68%	
	Direxion Daily Financial Bull 3X ETF FAS	128.33	2,079	30	30	30	30	30	30	30	30	30	27	24	27	19	8	8	5	10	9	D3	5	BF	BF	+ 7	7.25%	12.32%	-26.91%	
	ProShares Ultra Semiconductors USD	61.89	1,910	1	28	30	28	26	28	25	11	16	14	5	7	6	7	5	4	9	9	D2	4	AR	AR	- 41	22.75%	19.85%	12.27%	
	ProShares Ultra Silver AGQ	122.21	1,894	30	30	30	30	2	1	1	1	1	1	1	1	1	1	1	1	1	1	D2	3	BF	AR	- 10	10.33%	-11.53%	-37.61%	
	Direxion Daily Small Cap Bull 3X ETF TNA	51.36	1,464	6	28	30	30	28	28	12	8	9	5	5	4	3	4	7	5	5	4	D2	4	AF	AR	- 35	12.02%	17.23%	-3.94%	
	Direxion Daily MSCI South Korea Bull 3 KORU	393.97	1,430	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	D1	3	AR	AR	- 44	39.60%	24.59%	57.28%	
	ProShares Ultra Gold UGL	63.22	1,046	12	10	22	21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D2	1	BF	AR	- 5	3.66%	-11.56%	4.51%	
	ProShares Ultra Technology ROM	90.03	776	27	30	30	29	28	30	30	29	30	29	18	16	14	11	9	6	9	9	D3	5	AF	AR	+ 4	9.81%	7.99%	-7.19%	
	Direxion Daily FTSE China Bull 3X ETF YINN	33.60	742	30	30	30	30	30	30	30	30	30	30	29	29	30	30	22	30	30	30	D3	9	BF	BF	- 28	5.53%	-2.35%	-26.65%	
	ProShares Ultra Financials UYG	77.42	682	30	30	30	30	30	30	30	29	30	26	22	25	20	11	10	7	12	11	D3	5	AF	BF	+ 6	5.16%	8.39%	-18.05%	
	Invesco DB US Dollar Index Bullish Fur UUP	27.44	565	23	10	5	4	8	18	27	28	28	28	29	29	25	25	26	26	27	25	U3	6	AR	AR	+ 6	-1.51%	-1.61%	0.40%	
	ProShares Ultra Bloomberg Crude Oil UCO	40.06	494	1	1	1	1	1	1	1	2	16	13	3	27	30	30	30	30	30	30	U3	7	AR	AR	+ 14	1.01%	-0.50%	99.40%	
	ProShares Ultra Dow30 DDM	55.53	491	27	29	30	29	28	28	21	17	16	12	12	11	9	7	8	6	9	7	D3	1	AF	AR	- 39	5.89%	5.29%	-7.50%	
	Direxion Daily S&P Biotech Bull 3X ETF LABU	172.65	453	2	1	27	19	5	3	1	1	1	1	1	1	1	1	1	1	1	1	D1	1	AR	AR	- 16	0.59%	15.99%	2.93%	
	WisdomTree Bloomberg US Dollar Bull USDU	26.01	428	25	12	5	4	10	21	27	28	28	28	29	29	27	26	27	26	27	25	U2	1	AR	AR	+ 5	-1.29%	-1.10%	0.15%	
	ProShares Ultra Bloomberg Natural Gas BOIL	13.72	427	30	30	30	30	30	30	30	30	30	30	1	28	30	30	30	30	30	30	D3	7	BF	BF	- 8	-9.14%	-27.98%	-12.78%	
	ProShares UltraPro Russell2000 URTY	59.93	312	6	28	30	30	28	28	12	8	9	5	5	4	3	4	7	5	5	4	D2	4	AF	AR	- 35	12.00%	17.20%	-3.92%	
	Direxion Daily S&P Oil & Gas Exp. & P GUSH	37.69	296	1	1	1	1	1	2	3	3	3	4	6	12	23	26	20	26	27	16	U3	11	AR	AR	- 11	-10.60%	0.24%	70.37%	
	Direxion Daily Energy Bull 2X ETF ERX	88.82	268	1	1	1	1	2	2	2	2	2	2	2	5	7	8	9	17	22	12	U3	22	BR	AR	- 30	-7.81%	-2.00%	47.49%	
	ProShares Ultra Russell2000 UWM	51.74	233	8	25	27	28	28	27	14	12	12	9	8	5	5	5	8	6	7	5	D2	3	AF	AR	- 37	8.08%	11.90%	-1.24%	
	Direxion Daily S&P 500 Bull 2X ETF SPUU	179.96	213	26	29	30	29	28	28	25	23	27	19	14	15	13	10	9	7	10	9	D3	3	AF	AR	- 41	7.11%	5.09%	-5.48%	
	Direxion Daily MSCI Emerging Markets EDC	67.15	170	1	27	29	28	17	13	2	2	2	2	2	3	3	3	3	4	7	7	D2	3	AF	AR	- 45	21.19%	16.93%	9.47%	
	ProShares Ultra MidCap400 MVV	77.81	146	6	14	25	27	26	18	10	8	10	7	12	8	7	8	11	8	11	10	D2	3	AR	AR	- 38	6.74%	10.65%	2.22%	
	Direxion Daily MSCI Brazil Bull 2X ETF BRZU	128.84	143	1	1	1	5	4	3	2	2	2	2	2	2	5	4	4	4	7	4	U3	1	AR	AR	- 48	15.56%	33.89%	50.07%	
	Direxion Daily Healthcare Bull 3X ETF CURE	92.55	130	30	30	30	30	28	22	6	10	7	6	6	4	5	3	2	2	3	3	D3	1	BF	BR	- 25	0.59%	-5.16%	-20.28%	
	BetaPro Crude Oil Leveraged Daily Bul HZOZF	18.90	126	1	1	1	1	1	7	27	28	30	30	30	30	30	30	30	30	30	30	U3	8	AR	AR	+ 8	21.94%	17.25%	0.00%	
	ProShares Ultra Energy DIG	57.33	89	1	1	1	1	2	2	2	2	2	2	2	5	7	8	10	17	22	12	U3	22	BR	AR	- 30	-7.95%	-2.20%	46.89%	
	ProShares Ultra Nasdaq Biotechnology BIB	81.57	79	15	5	25	22	11	10	5	6	6	4	4	4	5	3	3	2	2	2	D2	3	BF	AR	- 35	-0.25%	3.74%	-1.27%	
	Direxion Daily Mid Cap Bull 3X ETF MIDU	58.72	76	4	18	28	28	28	20	6	4	5	4	9	6	5	5	9	7	10	9	D2	3	AR	AR	- 36	9.88%	15.44%	1.46%	
	ProShares Ultra Health Care RXL	46.16	76	30	30	30	29	27	19	10	15	11	10	8	6	7	5	4	3	4	5	D3	1	BF	BR	- 26	0.49%	-3.17%	-13.22%	
	Direxion Daily FTSE Europe Bull 3X ET EURL	44.34	62	4	27	30	30	28	21	3	3	3	3	3	4	5	4	4	4	6	8	D2	3	AF	AR	- 58	13.75%	17.58%	-0.10%	
	Direxion Daily MSCI India Bull 2X ETF INDL	46.06	60	30	30	30	30	30	30	29	29	29	29	27	29	27	26	15	19	20	24	D3	10	BF	BF	+ 32	11.61%	4.55%	-15.95%	

			Relative Strength Ranking - RSR																			% Price Δ								
			MKT	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)																		CYCLE	DAY	DAY	MACD	1 week	1 month	3 month		
EF-75	Leveraged Long																													
	ProShares Ultra Real Estate	URE	65.36	56	8	17	27	27	13	12	12	15	13	24	21	23	18	26	24	23	27	25	D2	3	AR	AR	- 8	5.51%	3.17%	10.74%
	Direxion Daily Real Estate Bull 3X ETF	DRN	9.85	48	5	21	30	29	12	9	7	9	9	23	22	24	16	28	27	26	29	28	D2	3	AR	AR	- 7	8.48%	4.46%	15.28%
	BetaPro S&P/TSX Capped Financials 2 *CFOU		40.63	45	3	12	26	27	24	13	8	3	4	4	3	3	1	1	1	1	1	1	D2	3	AR	AR	- 12	9.59%	14.51%	2.05%
	ProShares Ultra Yen	YCL	18.16	44	29	29	27	28	29	29	30	29	28	30	30	30	30	30	30	30	30	30	D3	5	BF	BF	- 4	0.01%	-0.22%	-3.20%
	ProShares Ultra Materials	UYM	31.68	44	1	1	3	13	7	6	3	3	2	3	5	5	6	6	11	12	16	17	D1	3	AR	AR	- 14	6.01%	12.39%	14.76%
	ProShares Ultra MSCI Emerging Markets EET	EET	94.63	39	2	24	26	25	14	14	4	3	3	4	4	4	5	5	5	6	9	9	D2	3	AR	AR	- 47	14.31%	12.25%	8.58%
	Direxion Daily 7-10 Year Treasury Bull : TYD	TYD	24.59	37	28	27	27	27	26	22	25	24	28	23	25	25	22	19	16	18	18	18	D3	3	BF	BR	- 42	-0.08%	-0.80%	-2.92%
	Direxion Daily Retail Bull 3X ETF	RETL	7.98	31	30	30	30	30	30	30	27	19	23	13	21	10	6	5	13	7	7	6	D3	2	BF	BF	- 37	7.98%	9.38%	-25.87%
	ProShares Ultra Industrials	UXI	55.34	31	2	9	20	12	11	6	4	4	4	4	7	8	6	9	11	10	14	12	D1	3	AR	AR	- 44	9.23%	8.80%	9.91%
	ProShares UltraPro MidCap400	UMDD	29.54	31	4	19	27	28	28	20	6	4	5	4	9	6	5	5	10	7	10	9	D2	3	AR	AR	- 35	10.03%	15.39%	1.40%
	ProShares Ultra MSCI EAFE	EFO	70.15	30	5	16	27	28	24	18	5	5	5	7	6	7	7	7	7	7	10	10	D2	3	AR	AR	- 58	8.52%	11.11%	4.34%
	ProShares Ultra SmallCap600	SAA	29.63	24	4	10	22	27	27	18	11	8	8	5	8	7	6	7	10	7	9	7	D2	3	AR	AR	- 34	8.01%	13.85%	4.30%
	ProShares Ultra High Yield	UJB	77.90	22	22	21	22	22	24	26	25	25	25	24	18	20	20	17	15	14	16	15	D2	4	AF	AR	- 47	0.99%	2.57%	-0.72%
	ProShares Ultra 7-10 Year Treasury	UST	43.08	16	27	25	23	24	24	24	22	25	24	28	22	23	24	21	18	15	17	16	D3	3	BF	BR	- 54	0.08%	-0.23%	-1.07%
ProShares Ultra FTSE China 50	XPP	22.74	11	30	30	30	30	30	30	30	29	30	29	21	23	24	23	13	19	22	21	D3	10	BF	BF	+ 7	4.12%	-0.11%	-17.00%	
ProShares Ultra Euro	ULE	13.06	7	23	27	22	22	28	27	25	27	23	24	24	26	29	30	29	27	26	27	D2	5	AF	AF	- 6	3.32%	5.36%	1.12%	
ProShares Ultra MSCI Brazil Capped	UBR	42.49	5	1	1	1	5	4	3	2	2	2	2	2	2	5	4	4	5	7	4	U3	1	AR	AR	- 48	15.09%	33.41%	49.67%	
EF-76	Leveraged Short				30	26	5	4	18	27	30	30	30	30	24	25	24	21	11	9	13	10	U1	1	BF	BF	+ 4	-5.33%	-6.41%	-7.09%
	ProShares UltraPro Short QQQ	SQQQ	67.62	2,688	29	2	1	4	7	13	27	29	26	29	28	30	30	30	28	30	30	30	U3	3	BR	BF	+ 47	-12.51%	-9.99%	5.41%
	Direxion Daily Semiconductor Bear 3X	SOXS	23.69	1,470	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 47	-34.07%	-42.22%	-49.44%
	ProShares Short S&P500	SH	36.35	1,273	25	6	3	7	11	18	27	28	28	29	23	25	26	26	22	23	23	23	U3	3	BR	BF	+ 42	-3.40%	-2.56%	3.00%
	ProShares UltraShort Bloomberg Crude	SCO	8.07	1,071	30	30	30	30	30	30	30	30	30	30	30	30	29	23	4	4	4	2	D3	8	BF	BF	- 14	-1.71%	-5.17%	-56.89%
	ProShares Short QQQ	PSQ	30.44	775	26	6	2	6	11	16	25	25	26	28	23	25	26	27	22	23	24	23	U3	4	BR	BF	+ 44	-4.25%	-2.87%	3.19%
	ProShares UltraPro Dow30	UDOW	55.25	762	27	30	30	30	28	28	18	13	12	7	9	8	6	5	6	4	6	5	D3	1	BF	AR	- 38	8.91%	7.47%	-12.08%
	ProShares UltraPro Short S&P500	SPXU	49.73	484	27	3	1	4	7	15	29	29	29	30	28	29	30	28	29	29	29	29	U3	3	BR	BF	+ 45	-10.12%	-8.70%	5.95%
	ProShares UltraShort S&P 500	SDS	69.00	477	27	4	2	5	9	16	28	29	28	30	26	28	28	29	25	27	26	27	U3	3	BR	BF	+ 44	-6.79%	-5.56%	4.70%
	Direxion Daily S&P 500 Bear 3X ETF	SPXS	35.48	407	28	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	2	BR	AR	- 21	-10.13%	-9.51%	5.13%
	ProShares UltraShort QQQ	QID	20.21	326	27	4	1	5	9	14	25	28	26	28	26	28	28	29	25	28	28	28	U3	3	BR	BF	+ 45	-8.47%	-6.29%	4.70%
	Direxion Daily Small Cap Bear 3X ETF	TZA	6.00	302	30	28	3	5	12	28	30	30	30	30	30	30	30	30	30	30	30	30	U2	3	BF	BF	+ 41	-11.37%	-17.89%	-4.72%
	ProShares UltraShort 20+ Year Treasury	TBT	35.14	281	15	9	3	6	10	24	29	29	28	24	16	21	21	21	15	17	18	16	U3	3	AR	AR	- 2	1.27%	-0.06%	2.94%
	ProShares UltraPro Short Dow30	SDOW	31.72	197	27	4	1	4	7	17	30	30	30	30	28	30	30	30	29	30	29	30	U2	4	BR	BF	+ 43	-8.90%	-8.87%	9.05%
	ProShares UltraShort Bloomberg Natural	KOLD	25.14	179	29	30	30	30	30	30	30	30	30	30	30	30	1	1	1	2	19	1	U1	1	AR	BF	+ 1	8.83%	31.90%	-49.10%
	Direxion Daily 20+ Year Treasury Bear	TMV	37.30	175	11	6	2	5	8	23	29	29	29	29	24	14	20	20	20	13	16	17	U3	3	AR	AF	- 4	1.19%	-0.50%	3.75%
	ProShares Short Russell2000	RWM	15.42	163	29	20	4	8	13	25	29	29	30	30	26	29	29	29	23	24	26	27	U2	3	BF	BF	+ 39	-3.81%	-5.83%	-0.19%
	ProShares UltraShort Silver	ZSL	21.63	154	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	2	BF	BF	+ 109	-10.21%	3.00%	-45.65%
	Invesco DB US Dollar Index Bearish Fund	UDN	18.24	145	25	24	15	14	25	26	26	27	24	26	26	27	29	29	28	28	27	28	D2	4	AF	AR	- 6	1.45%	1.90%	0.77%
	Direxion Daily Financial Bear 3X ETF	FAZ	46.55	136	6	1	1	3	2	4	12	18	12	29	21	20	28	30	28	29	28	29	U3	4	BR	AR	- 5	-7.46%	-12.36%	28.76%
	ProShares Short Dow30	DOG	23.64	123	25	7	3	6	11	19	28	29	29	30	24	26	27	27	23	23	24	24	U3	1	BR	BF	+ 40	-2.92%	-2.66%	3.94%
	ProShares Short High Yield	SJB	15.36	110	25	17	5	10	13	21	25	28	28	28	21	23	24	23	19	18	19	18	U3	6	BR	AR	- 5	-0.45%	-1.20%	1.14%
	ProShares UltraShort Gold	GLL	19.49	107	30	30	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	3	AF	BF	+ 4	-3.56%	8.22%	-18.52%
	ProShares Short 20+ Year Treasury	TBF	24.24	97	18	12	4	8	12	24	28	28	28	26	18	21	22	21	16	17	18	16	U3	3	AR	AR	- 14	0.25%	-0.07%	1.60%
	Direxion Daily Technology Bear 3X ETF	TECS	16.66	90	30	4	1	4	7	9	22	29	28	29	28	30	30	30	30	30	30	30	U3	3	BF	BF	+ 46	-13.54%	-14.17%	1.28%
	ProShares UltraPro Short Russell2000	SRTY	33.89	83	30	28	3	5	12	28	30	30	30	30	30	30	30	30	30	30	30	30	U2	3	BF	BF	+ 42	-11.33%	-17.95%	-5.06%
	ProShares UltraShort Russell2000	TWM	27.93	59	30	25	4	6	12	27	30	30	30	30	29	30	30	30	28	29	29	30	U2	3	BF	BF	+ 40	-7.61%	-11.84%	-2.09%
	ProShares UltraShort Dow30	DXD	20.54	56	27	4	2	4	9	18	29	30	30	30	27	29	29	30	27	28	27	28	U3	1	BR	BF	+ 41	-6.00%	-5.69%	6.74%

			Relative Strength Ranking - RSR																				% Price Δ							
			MKT	04/10	04/03	03/27	03/20	03/13	03/06	02/27	02/20	02/13	02/06	01/30	01/23	01/16	01/09	01/02	12/31	12/26	12/19	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)																		CYCLE	DAY	DAY	MACD	1 week	1 month	3 month		
EF-76	Leveraged Short																													
	ProShares UltraShort Euro	EUO	28.70	44	27	7	4	4	16	27	28	29	29	29	29	25	26	28	29	29	27	U3	4	BR	AR	+ 6	-3.47%	-5.09%	-0.80%	
	Direxion Daily Energy Bear 2X ETF	ERY	11.82	42	30	30	30	30	30	30	30	30	30	30	30	30	30	27	21	21	26	D3	22	BF	BF	+ 40	8.14%	0.66%	-34.52%	
	ProShares UltraShort Yen	YCS	53.63	37	10	4	3	3	7	18	22	27	15	17	15	6	5	4	3	4	2	U3	5	AR	AR	+ 4	-0.06%	0.19%	3.47%	
	Direxion Daily Real Estate Bear 3X ETF	DRV	21.65	33	30	27	2	6	28	30	30	30	30	30	23	24	28	14	9	10	8	U2	2	BF	BF	+ 9	-8.15%	-6.09%	-16.81%	
	ProShares Short MSCI EAFE	EFZ	11.96	26	29	24	4	8	16	27	30	30	30	30	30	26	28	28	28	24	23	24	U2	3	BF	BF	+ 57	-4.01%	-5.83%	-2.42%
	Direxion Daily MSCI Emerging Markets	EDZ	24.03	26	30	30	17	23	28	30	30	30	30	30	30	30	30	30	30	30	29	30	U1	3	BF	BF	+ 59	-19.55%	-21.23%	-22.31%
	ProShares Ultrashort Semiconductors	SSG	22.96	25	30	29	4	20	28	28	30	30	30	30	30	30	30	30	30	30	30	30	U1	4	BF	BF	+ 48	-19.33%	-20.12%	-20.42%
	ProShares UltraPro Short 20+ Year Tre	TTT	67.12	20	12	6	2	5	8	25	30	29	30	24	14	21	21	21	15	17	18	15	U3	3	AF	AF	+ 8	1.14%	-0.56%	3.12%
	ProShares Short Financials	SEF	33.14	20	16	4	2	5	7	11	20	23	19	28	20	21	24	26	22	23	23	23	U3	5	BR	AR	- 6	-2.38%	-4.07%	10.11%
	ProShares UltraShort Financials	SKF	29.13	19	10	2	1	3	3	7	14	21	16	29	20	21	26	29	25	27	26	26	U3	4	BR	AR	- 5	-4.93%	-8.52%	19.28%
	ProShares Short 7-10 Year Treasury	TBX	28.08	18	20	14	5	10	14	24	27	28	28	27	19	21	22	22	18	17	19	18	U3	4	AR	AR	- 13	0.09%	0.43%	1.44%
	ProShares UltraShort Real Estate	SRS	43.48	18	30	25	3	7	27	28	30	30	30	29	22	22	27	16	12	12	10	12	U2	3	BF	BF	+ 8	-5.25%	-3.68%	-10.87%
	ProShares UltraShort Energy	DUG	19.33	18	30	30	30	30	30	30	30	30	30	30	30	30	30	30	27	21	21	26	D3	22	BF	BF	+ 40	8.05%	0.76%	-34.49%
	ProShares UltraShort FTSE Europe	EPV	19.67	15	30	25	3	5	13	28	30	30	30	30	29	30	30	30	30	29	28	27	U2	3	BF	BF	+ 58	-9.10%	-12.80%	-5.00%
	ProShares UltraShort MSCI Emerging	IEEV	14.79	15	30	28	9	15	28	28	30	30	30	30	30	30	30	30	30	29	28	28	U1	3	BF	BF	+ 50	-13.37%	-14.04%	-14.06%
	ProShares Short MSCI Emerging Mark	EUM	18.00	13	30	25	6	12	24	28	30	30	30	30	28	29	29	29	26	24	24	24	U1	1	BF	BF	+ 48	-6.64%	-6.65%	-5.92%
	ProShares Short Real Estate	REK	16.22	12	28	21	4	9	23	28	29	29	30	28	21	22	25	18	14	14	13	14	U2	3	BF	BF	+ 7	-2.67%	-1.73%	-5.03%
	ProShares UltraShort Consumer Discr	SCC	15.85	8	8	1	1	3	4	9	21	23	19	26	25	29	29	30	22	28	28	28	U3	4	BR	AF	+ 44	-8.41%	-4.87%	20.29%
	ProShares UltraShort Industrials	SIJ	9.16	7	30	29	9	18	28	30	30	30	30	30	29	30	30	30	25	24	24	25	U1	3	BF	BF	+ 46	-7.29%	-9.15%	-11.43%
	ProShares UltraShort FTSE China 50	FXP	20.01	6	3	1	1	3	4	4	12	24	20	28	24	25	25	25	25	21	20	21	U3	7	AR	AF	- 4	-4.22%	-0.62%	16.37%
	BetaPro S&P/TSX Capped Financials - 4404571		11.44	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	6	BF	AR	- 12	-7.84%	-14.98%	-3.78%
	ProShares UltraShort Consumer Staple	SZK	11.36	5	28	27	22	14	28	30	30	30	30	30	28	29	28	23	12	13	14	15	U1	3	AR	BR	+ 10	-1.11%	5.38%	-7.40%
	ProShares UltraShort Technology	REW	10.86	5	29	4	1	5	8	11	22	28	27	28	26	28	29	30	28	29	29	29	U3	4	BF	BF	+ 45	-9.27%	-9.21%	2.25%
	ProShares UltraShort Utilities	SDP	10.19	5	30	30	27	18	28	30	30	30	30	27	19	17	23	16	17	15	14	15	D3	4	BF	BF	+ 108	-2.46%	-1.34%	-18.72%
	ProShares Short FTSE China 50	YXI	21.61	4	7	3	2	4	8	8	18	25	23	28	22	24	24	23	22	18	18	18	U3	8	AR	AR	- 5	-1.21%	1.21%	9.27%
	BetaPro Gold Bullion -2x Daily Bear ET	*GLDD	5.17	4	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	3	AF	BF	+ 4	-3.13%	6.94%	-18.60%
	ProShares Short S&P Mid Cap400	MYV	16.43	4	29	23	5	9	14	27	29	30	30	30	30	24	27	28	27	22	22	23	U2	3	BF	BF	+ 40	-3.21%	-5.15%	-1.34%
	ProShares UltraShort Materials	SMN	9.83	3	30	30	29	18	28	30	30	30	30	30	30	30	30	30	30	25	25	23	U1	3	BF	BF	+ 15	-5.76%	-11.93%	-14.78%
	ProShares UltraShort MSCI Brazil Cap	BZQ	8.45	3	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 53	-13.95%	-27.99%	-39.68%
	BetaPro S&P/TSX Capped Energy -2x	*NRGD	5.96	2	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	14	BF	BF	- 12	6.20%	-7.53%	-47.90%
	ProShares UltraShort Nasdaq Biotech	BIS	8.78	2	30	30	7	13	28	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	4	BF	BF	+ 38	0.12%	-5.18%	-2.51%
ProShares UltraPro Short MidCap400	SMDD	10.00	2	30	29	5	7	16	28	30	30	30	30	29	30	30	30	28	29	29	29	U1	1	BF	BF	+ 43	-9.53%	-15.81%	-7.34%	
ProShares UltraShort SmallCap600	SDD	10.53	2	30	28	6	9	15	28	30	30	30	30	29	30	30	30	26	28	28	30	U1	1	BF	BF	+ 39	-7.17%	-12.67%	-6.29%	
ProShares UltraShort MSCI EAFE	EFU	7.89	2	30	27	4	6	16	28	30	30	30	30	29	30	30	30	28	28	27	27	U2	3	BF	BF	+ 58	-7.93%	-12.16%	-7.36%	
ProShares UltraShort MidCap400	MZZ	6.89	1	30	27	5	8	14	28	30	30	30	30	28	30	30	30	25	26	26	27	U1	1	BF	BF	+ 41	-6.46%	-10.51%	-3.89%	
EF-77	Misc.				18	14	11	11	12	16	20	19	20	20	13	14	16	15	12	13	13	13	D1	4	AR	AR	- 6	1.46%	1.56%	1.89%
	VanEck Uranium and Nuclear ETF	NLR	136.75	4,768	25	27	26	28	19	26	11	8	15	13	3	2	1	5	9	29	23	20	D2	4	BF	AR	- 6	2.30%	0.09%	-2.61%
	First Trust Long/Short Equity ETF	FTLS	72.33	2,235	18	20	18	20	24	26	25	25	27	24	17	19	20	17	13	12	14	13	D3	1	AR	AR	- 41	2.54%	4.15%	1.25%
	State Street Multi-Asset Real Return E	RLY	36.44	1,082	3	2	2	5	5	6	8	10	10	12	9	9	12	13	11	9	13	12	U3	48	AR	AR	- 61	0.25%	1.72%	12.75%
	NYLI Merger Arbitrage ETF	MNA	36.23	252	24	16	8	7	17	23	27	25	26	27	27	28	28	28	28	28	27	26	D1	3	BR	AR	- 5	-0.33%	0.59%	0.94%
	iShares Morningstar Multi-Asset Incom	IYLD	22.04	128	17	14	13	12	14	16	18	18	18	18	14	16	18	16	13	13	14	14	D1	3	AR	AR	- 60	1.41%	2.06%	2.45%
	AdvisorShares STAR Global Buy-Write	VEGA	49.75	80	21	25	24	22	23	23	22	22	22	22	19	21	23	20	19	19	18	19	D2	4	AF	AR	- 24	2.49%	2.26%	-0.60%
	Invesco S&P 500 Downside Hedged E	PHDG	38.76	62	18	17	12	12	14	15	25	25	26	25	19	21	20	17	16	13	16	14	U3	1	AR	AR	- 34	2.23%	1.80%	2.38%
	ProShares Hedge Replication ETF	HDG	52.47	21	19	19	14	14	17	24	23	23	23	23	17	19	19	17	15	14	15	14	D2	3	AR	AR	- 42	1.72%	1.96%	1.09%
	ProShares Inflation Expectations ETF	RINF	32.18	19	22	18	12	13	17	26	27	28	28	28	20	21	22	22	17	18	19	18	U3	1	AR	AR	- 48	0.50%	0.74%	0.47%

			Relative Strength Ranking - RSR																				% Price Δ					
Group or Corp	Ticker	Price	MKT	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	12/	12/	12/	TRIPLE	50	200	MACD	1 week	1 month	3 month	
			Cap(MM)	10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	19	CYCLE	DAY					DAY

EF-77 Misc.

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