



VERMILION RESEARCH, LLC

# ETF Navigator

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		Relative Strength Ranking - RSR																				% Price Δ								
		MKT	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
Group or Corp	Ticker	Price	Cap(MM)																											
EF	INDEX																													
EF-01	Broad Index			18	19	23	24	24	23	21	21	20	20	18	14	15	14	13	12	12	11	D1	1	AR	AR	+ 1	3.97%	9.06%	2.93%	
	Vanguard Total Stock Market ETF	VTI	350.53	615,033	18	22	27	26	27	26	26	25	24	26	23	16	17	17	14	12	10	13	D3	2	AR	AR	- 43	4.62%	9.77%	2.86%
	iShares Core S&P Total U.S. Stock Ma	ITOT	155.59	87,761	18	22	27	26	27	26	26	25	24	26	23	16	17	17	14	12	10	13	D3	2	AR	AR	- 43	4.65%	9.82%	2.89%
	Schwab U.S. Broad Market ETF	SCHB	27.43	40,498	18	22	27	26	27	26	26	25	24	26	23	16	17	17	14	12	10	13	D3	2	AR	AR	- 43	4.57%	9.80%	2.86%
	Vanguard Extended Market ETF	VXF	225.92	28,309	15	20	24	26	27	27	27	24	23	23	22	18	16	14	14	14	12	14	U3	1	AR	AR	- 42	5.57%	12.07%	2.49%
	iShares Russell 3000 ETF	IWV	404.36	18,681	18	22	27	26	27	26	26	25	24	26	23	16	17	18	14	13	10	13	D3	2	AR	AR	- 43	4.56%	9.73%	2.83%
	State Street SPDR Portfolio S&P 1500	SPTM	86.30	12,898	18	21	27	26	27	26	26	25	23	25	23	16	17	17	14	12	10	13	D3	2	AR	AR	- 43	4.50%	9.66%	3.06%
	Schwab 1000 Index ETF	SCHK	34.21	5,217	18	23	27	26	27	26	26	25	24	26	23	16	18	18	14	13	10	13	D3	3	AR	AR	- 44	4.59%	9.68%	2.81%
	Vanguard Russell 3000 ETF	VTHR	313.93	4,356	18	22	27	26	27	26	26	25	24	26	23	16	17	17	14	13	10	13	D3	2	AR	AR	- 43	4.62%	9.78%	2.80%
	iShares Russell 2500 ETF	SMMD	84.32	2,939	6	12	13	19	20	20	20	17	17	17	15	13	11	11	11	12	10	12	U3	1	AR	AR	- 41	4.78%	12.89%	5.13%
	FlexShares Morningstar US Market Far	TILT	261.66	2,015	18	20	25	25	25	24	25	23	22	22	19	15	16	15	13	12	10	12	D2	5	AR	AR	- 43	4.20%	9.59%	2.84%
	Schwab Fundamental U.S. Broad Mark	FNDB	28.79	1,218	15	13	11	10	12	13	15	15	17	16	14	12	13	13	12	11	9	12	D1	4	AR	AR	- 42	2.86%	7.76%	4.83%
	Vident U.S. Equity Strategy ETF	VUSE	68.20	648	20	27	27	27	27	27	27	25	28	28	28	20	21	21	17	16	13	15	D3	5	AR	AR	- 45	5.10%	8.73%	2.36%
	iShares MSCI USA Size Factor ETF	SIZE	169.83	408	20	20	23	24	24	24	22	21	21	21	20	17	17	17	15	14	13	15	D2	4	AR	AR	- 43	3.52%	8.00%	1.66%
	ALPS Barron's 400 ETF	BFOR	89.37	214	15	15	16	17	18	19	17	16	15	15	15	17	14	14	15	18	19	15	D1	1	AR	AR	+ 1	3.38%	9.44%	3.70%
	Invesco Bloomberg MVP Multi-factor E	BMVP	51.65	102	22	20	15	12	13	13	13	16	17	17	15	14	16	15	17	16	14	17	D1	4	AF	AR	- 43	2.32%	4.51%	1.04%
	First Trust Dividend Strength ETF	FTDS	61.17	31	18	11	5	4	9	11	11	12	13	12	12	12	13	13	12	12	12	14	D1	4	AF	AR	- 42	0.45%	3.72%	3.62%
	ALPS Active Equity Opportunity ETF	RFFC	71.83	29	15	16	20	22	18	16	18	18	17	17	17	12	14	13	12	10	9	12	D1	1	AR	AR	- 42	3.19%	9.05%	3.69%
EF-02	Equal Weight				20	25	24	24	23	22	19	20	21	21	20	15	15	16	14	13	13	13	D2	4	AR	AR	+ 1	3.97%	7.33%	1.95%
	Invesco S&P 500 Equal Weight ETF	RSP	203.16	88,196	19	18	19	20	19	17	16	16	18	18	18	15	16	16	14	14	12	14	D1	1	AR	AR	- 43	3.31%	7.11%	2.50%
	Invesco S&P MidCap Quality ETF	XMHQ	108.89	5,265	20	20	20	23	27	26	26	22	23	23	20	18	17	18	16	17	15	17	D1	1	AR	AR	- 41	2.94%	8.84%	0.77%
	Invesco S&P 100 Equal Weight ETF	EQWL	121.85	2,464	22	25	25	25	22	21	18	21	20	19	18	15	16	17	14	12	11	13	D2	4	AF	AR	- 45	3.37%	6.44%	1.60%
	Goldman Sachs Equal Weight U.S. Lar	GSEW	90.39	1,722	18	20	21	22	21	23	18	20	20	20	21	17	17	17	15	15	13	15	D1	1	AR	AR	- 44	4.24%	7.87%	2.45%
	First Trust Nasdaq-100 Select Equal W	QQEW	136.68	1,647	29	30	30	30	28	28	28	29	29	30	29	22	21	23	17	16	12	14	D3	7	AR	BR	+ 8	7.38%	5.54%	-2.93%
	iShares MSCI USA Equal Weighted ET	EUSA	108.55	1,585	20	24	24	24	22	24	19	21	21	21	21	17	17	17	15	15	13	15	D2	4	AR	AR	- 43	4.20%	7.59%	1.70%
	Direxion NASDAQ-100 Equal Weighted	QQQE	106.66	1,205	20	27	27	26	25	26	26	25	25	27	27	18	17	19	15	15	13	14	D3	3	AR	AR	- 45	5.48%	8.02%	2.45%
	Invesco Russell 1000 Equal Weight ET	EQAL	58.38	800	10	11	6	5	12	12	13	13	16	15	16	14	14	15	14	13	12	14	U3	1	AR	AR	- 42	3.25%	8.65%	6.79%
	Alps Equal Sector Weight ETF	EQL	49.79	688	18	16	12	11	13	13	14	15	17	17	18	14	16	17	15	13	13	15	D1	4	AR	AR	- 44	2.26%	6.55%	4.46%
	First Trust Dow 30 Equal Weight ETF	EDOW	42.65	301	23	25	25	23	23	17	18	20	18	18	16	14	16	16	13	12	11	13	D2	4	AF	AR	- 44	3.25%	6.47%	1.37%
EF-03	Large Cap				19	23	27	26	26	25	25	24	23	24	22	15	16	17	13	11	11	11	D3	2	AR	AR	+ 1	4.28%	9.07%	2.97%
	Vanguard S&P 500 ETF	VOO	652.78	905,915	18	22	27	26	27	26	26	25	24	26	23	16	18	18	14	12	10	13	D3	3	AR	AR	- 44	4.51%	9.52%	2.95%
	iShares Core S&P 500 ETF	IVV	713.36	783,483	18	22	27	26	27	26	26	25	24	26	23	16	18	18	14	12	10	13	D3	3	AR	AR	- 44	4.50%	9.53%	2.97%
	State Street SPDR S&P 500 ETF	SPY	710.14	720,318	18	22	27	26	27	26	26	25	24	26	23	16	18	18	14	12	10	13	D3	3	AR	AR	- 44	4.52%	9.49%	2.95%
	Invesco QQQ Trust Series I	QQQ	648.85	425,970	15	24	27	27	27	26	27	27	28	28	27	17	18	19	14	13	10	13	D3	4	AR	AR	- 45	6.18%	11.62%	4.57%
	State Street SPDR Portfolio S&P 500 E	SPYM	83.58	135,433	18	22	27	26	27	26	26	25	24	26	23	16	18	18	14	12	10	13	D3	3	AR	AR	- 44	4.53%	9.50%	2.96%
	Schwab U.S. Large-Cap ETF	SCHX	27.99	67,379	19	24	27	27	27	26	27	25	25	27	24	17	18	18	15	13	11	13	D3	3	AR	AR	- 44	4.60%	9.56%	2.71%
	Vanguard Large-Cap ETF	VV	326.54	50,017	19	25	27	27	27	26	27	25	25	27	24	17	18	18	15	13	10	13	D3	3	AR	AR	- 44	4.62%	9.44%	2.75%
	iShares Russell 1000 ETF	IWB	388.89	46,414	19	23	27	26	27	26	26	25	24	26	23	16	18	18	15	13	10	13	D3	3	AR	AR	- 44	4.53%	9.56%	2.73%
	State Street SPDR Dow Jones Industri	DIA	494.22	44,526	22	25	27	26	27	26	26	23	20	19	18	15	16	15	13	11	9	12	D2	4	AF	AR	- 10	3.17%	8.45%	0.55%
	Schwab Fundamental U.S. Large Com	FNDX	29.42	25,253	15	13	11	10	12	13	15	16	17	16	14	12	14	13	12	11	9	12	D1	4	AR	AR	- 42	2.69%	7.37%	4.82%
	iShares S&P 100 ETF	OEF	349.72	19,305	20	27	28	28	27	27	27	27	28	28	25	17	19	19	15	12	9	13	D3	5	AR	AR	- 44	4.95%	10.12%	2.22%
	Invesco S&P 500 Top 50 ETF	XLG	60.12	10,585	21	27	28	28	28	28	28	28	28	28	27	18	20	20	15	12	9	12	D3	5	AR	AR	- 43	5.49%	10.48%	2.33%
	Invesco RAFI US 1000 ETF	PRF	50.68	9,328	15	14	13	13	13	14	15	16	17	16	15	12	14	13	12	10	9	12	D1	4	AR	AR	- 43	3.05%	8.14%	4.82%
	Vanguard Mega Cap ETF	MGC	259.36	9,255	19	25	27	27	27	26	27	25	25	28	24	16	18	18	14	12	9	13	D3	4	AR	AR	- 44	4.84%	9.79%	2.74%

				Relative Strength Ranking - RSR																				% Price Δ						
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-03 Large Cap	Vanguard Russell 1000 ETF	VONE	321.78	7,605	18	23	27	26	27	26	26	25	24	26	23	16	18	18	15	12	10	13	D3	3	AR	AR	- 44	4.56%	9.52%	2.79%
	iShares Dow Jones U.S. ETF	IYY	172.96	2,828	18	23	27	27	27	26	26	25	24	26	24	16	18	18	15	13	11	13	D3	3	AR	AR	- 44	4.58%	9.64%	2.88%
	iShares Russell Top 200 ETF	IWL	176.02	2,095	20	26	27	27	27	27	27	25	25	28	24	16	18	18	14	12	10	13	D3	4	AR	AR	- 44	4.85%	9.71%	2.52%
	Motley Fool 100 Index ETF	TMFC	73.42	1,973	20	27	28	28	28	28	28	29	28	29	29	27	27	25	21	19	15	15	D3	7	AR	AR	+ 1	5.91%	10.87%	2.69%
	First Trust Large Cap Core AlphaDEX I FEX		129.82	1,486	13	12	10	9	12	14	15	16	17	16	16	14	15	15	14	12	11	14	U3	1	AR	AR	- 43	2.77%	8.43%	5.61%
	iShares Morningstar U.S. Equity ETF	ILCB	98.26	1,209	18	24	27	27	27	26	27	25	25	27	24	16	18	18	15	13	10	13	D3	3	AR	AR	- 44	4.72%	9.58%	2.90%
	Goldman Sachs JUST U.S. Large Cap	JUST	101.15	541	18	20	26	26	26	26	26	25	24	26	22	15	18	18	14	12	10	14	D3	2	AR	AR	- 43	4.23%	9.99%	3.42%
	First Trust Nasdaq-100 Ex-Technology	QQXT	100.59	181	26	27	25	22	24	21	16	19	23	23	24	19	19	21	17	17	14	17	D2	4	AR	AR	- 46	2.10%	4.34%	0.30%
	First Trust Bloomberg Shareholder Yiel	SHRY	44.66	18	20	18	12	6	11	13	13	17	18	19	19	16	19	20	18	17	17	19	D1	4	AR	AR	- 46	2.46%	3.78%	4.44%
EF-04 Mid-Cap					16	17	18	19	22	22	18	18	17	17	17	14	15	14	13	13	14	13	D1	1	AR	AR	+ 1	3.27%	8.98%	2.83%
	iShares Core S&P Mid-Cap ETF	IJH	72.90	115,437	11	12	13	16	18	19	18	16	16	16	15	14	14	13	13	13	12	14	U3	1	AR	AR	- 41	3.48%	10.67%	4.30%
	Vanguard Mid-Cap ETF	VO	307.08	98,647	19	20	23	22	24	24	21	20	22	22	23	18	19	19	17	16	14	16	D1	1	AR	AR	- 44	3.50%	8.10%	2.62%
	iShares Russell Midcap ETF	IWR	104.18	52,246	16	17	16	19	20	21	18	18	18	19	17	16	16	15	15	13	15	15	D1	1	AR	AR	- 43	3.52%	8.87%	3.63%
	State Street SPDR S&P MIDCAP 400 I MDY		665.43	26,030	11	12	14	16	19	19	18	16	16	16	15	15	14	13	13	13	12	14	D1	2	AR	AR	- 41	3.47%	10.63%	4.25%
	Schwab U.S. Mid-Cap ETF	SCHM	33.76	14,157	7	11	10	15	14	15	16	14	15	16	15	13	12	12	12	13	11	13	U3	1	AR	AR	- 41	4.23%	11.07%	5.39%
	Vanguard S&P Mid-Cap 400 ETF	IVOO	123.44	3,461	10	12	13	16	20	19	18	16	16	16	15	14	14	13	13	13	12	14	U3	1	AR	AR	- 41	3.53%	10.76%	4.41%
	Franklin U.S. Mid Cap Multifactor Index	FLQM	57.52	1,734	25	27	27	25	26	26	24	22	23	23	22	19	19	19	16	16	14	15	D2	5	AF	AR	- 41	2.99%	5.83%	-0.72%
	iShares Morningstar Mid-Cap ETF	IMCB	89.61	1,541	15	17	17	18	19	20	18	18	18	19	19	17	17	17	16	15	14	16	D1	1	AR	AR	- 43	3.54%	8.95%	4.37%
	First Trust Mid Cap Core AlphaDEX Fu	FNX	137.78	1,316	15	15	16	18	23	24	21	18	16	16	14	14	13	12	12	12	11	13	D1	1	AR	AR	- 40	3.32%	10.48%	2.72%
	Invesco S&P MidCap 400 GARP ETF	GRPM	125.17	488	20	20	22	22	27	27	27	25	23	23	21	19	18	19	16	15	13	14	D1	1	AR	AR	- 40	2.96%	8.51%	1.96%
	First Trust Mid Cap Value AlphaDEX Fi	FNK	59.91	216	16	14	12	10	20	17	16	16	15	15	14	13	14	14	13	13	12	14	D1	2	AF	AR	- 40	2.33%	8.58%	2.70%
First Trust SMID Capital Strength ETF	FSCS	36.64	59	25	27	27	25	26	26	23	23	23	23	22	19	20	20	18	20	16	18	D2	4	AF	AR	- 15	2.38%	5.39%	-1.05%	
EF-05 Small-Cap					8	14	17	20	22	24	20	18	16	16	15	13	11	11	11	12	12	10	U3	1	AR	AR	+ 1	4.72%	12.37%	4.28%
	iShares Core S&P Small Cap ETF	IJR	135.39	100,690	7	9	10	13	18	19	18	17	15	15	14	13	12	11	12	12	10	12	U3	1	AR	AR	- 39	3.99%	12.44%	5.43%
	iShares Russell 2000 ETF	IWM	275.78	77,536	7	14	18	22	24	24	24	20	17	17	15	13	10	9	10	11	9	11	U3	1	AR	AR	- 40	5.54%	13.86%	3.95%
	Vanguard Small-Cap ETF	VB	284.67	76,370	10	15	14	18	20	20	20	18	17	17	16	14	12	12	12	12	11	13	U3	1	AR	AR	- 41	4.62%	11.08%	3.71%
	Schwab U.S. Small-Cap ETF	SCHA	32.24	22,041	6	10	12	17	20	21	21	18	16	16	14	12	10	10	10	11	9	11	U3	1	AR	AR	- 40	5.08%	13.43%	5.71%
	Vanguard Russell 2000 ETF	VTWO	111.43	15,706	7	14	18	22	25	24	24	19	17	17	15	13	10	9	10	11	9	11	U3	1	AR	AR	- 40	5.55%	13.90%	4.03%
	State Street SPDR Portfolio S&P 600 SPSM		52.69	15,080	7	9	10	13	20	19	18	17	15	15	14	13	12	11	12	12	10	12	U3	1	AR	AR	- 39	4.03%	12.53%	5.46%
	Schwab Fundamental U.S. Small Com	FNDA	35.42	10,160	7	11	12	14	19	19	16	14	14	14	13	13	12	11	11	13	11	12	D1	2	AR	AR	- 39	4.24%	12.12%	4.74%
	Fidelity Nasdaq Composite Index ETF	ONEQ	96.29	9,769	15	25	28	28	27	27	28	27	28	28	27	16	17	18	14	12	9	12	D3	5	AR	AR	- 44	6.83%	13.07%	4.28%
	State Street SPDR S&P 600 Small Cap	SLYG	106.71	4,412	6	9	13	19	22	24	21	18	17	17	16	15	14	13	14	15	12	14	U3	1	AR	AR	- 40	4.45%	13.64%	6.14%
	Vanguard S&P Small-Cap 600 ETF	VIOO	125.13	3,724	7	10	10	14	19	19	17	16	14	14	8	14	10	8	9	16	18	12	U3	1	AR	AR	+ 1	4.00%	12.52%	5.41%
	Invesco RAFI US 1500 Small-Mid ETF	PRFZ	50.41	2,871	10	17	19	22	25	26	23	20	18	19	18	14	12	12	12	13	10	11	U3	1	AR	AR	- 40	5.46%	12.36%	3.22%
	First Trust Small Cap Core Alphadex Fi	FYX	131.61	1,185	4	5	5	5	12	13	13	14	13	12	12	10	9	9	8	9	8	9	U3	1	AR	AR	- 40	4.98%	13.88%	9.14%
	TR Activebeta US Small Cap Equity ET	GSSC	82.60	946	10	17	23	24	27	27	27	22	20	19	18	14	13	13	12	13	10	12	U3	1	AR	AR	- 41	5.48%	13.73%	3.47%
	JPMorgan Diversified Return U.S. Sma	JPSE	56.71	576	7	7	8	6	16	15	15	16	16	15	14	13	12	12	12	13	11	13	U3	1	AR	AR	- 40	3.30%	11.87%	5.84%
	iShares Morningstar Small-Cap ETF	ISCB	70.75	269	14	17	18	21	24	24	21	18	17	17	15	14	12	11	11	12	9	11	D1	1	AR	AR	- 41	4.39%	11.32%	2.73%
	Franklin U.S. Small Cap Multifactor Ind	FLQS	46.10	51	16	18	22	22	27	26	24	22	21	21	19	17	17	17	16	17	13	14	D1	1	AR	AR	- 40	3.64%	10.28%	2.92%
First Trust SMID Growth Strength ETF	FSGS	31.27	30	25	27	27	27	27	28	28	27	28	29	28	29	25	24	23	29	29	27	D3	5	AR	AR	+ 1	4.57%	8.25%	-1.82%	
EF-06 Micro-Cap					4	6	7	9	15	14	12	13	13	12	7	8	7	7	7	8	7	7	U3	1	AR	AR	+ 1	4.78%	14.31%	6.52%
	iShares Micro-Cap ETF	IWC	180.92	1,366	4	9	12	17	20	15	15	16	17	17	14	9	7	7	7	8	7	7	U3	1	AR	AR	- 41	6.80%	16.11%	5.93%
	First Trust Dow Jones Select MicroCap	FDM	88.85	240	6	5	5	5	13	14	14	14	13	12	10	9	11	10	10	11	8	8	U3	1	AR	AR	- 43	2.77%	12.48%	6.96%

		Relative Strength Ranking - RSR																										% Price Δ		
		Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
Group or Corp	Ticker			17	10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26									
EF-06	Micro-Cap																													
	STYLE																													
EF-07	Style: Large-Cap Growth			17	26	28	28	27	28	28	27	28	28	28	18	19	19	15	12	12	11	D3	6	AR	AR	+ 1	6.30%	12.24%	3.44%	
	Vanguard Growth ETF	VUG	493.92	20	28	29	30	28	28	28	29	29	30	29	20	21	21	17	14	11	13	D3	7	AR	AR	+ 6	7.11%	12.30%	1.93%	
	iShares Russell 1000 Growth ETF	IWF	476.41	22	28	29	29	28	28	28	29	29	29	29	21	21	21	17	14	11	14	D3	7	AR	AR	+ 6	6.76%	11.46%	1.33%	
	iShares S&P 500 Growth ETF	IWV	128.32	16	26	28	29	27	27	28	28	28	28	28	17	19	19	15	12	10	13	D3	5	AR	AR	- 45	6.32%	12.43%	3.63%	
	Schwab U.S. Large-Cap Growth ETF	SCHG	32.62	23	28	29	30	28	28	28	29	29	30	29	20	21	21	16	13	10	13	D3	7	AR	AR	+ 6	6.92%	11.51%	0.93%	
	State Street SPDR Portfolio S&P 500 C	SPYG	111.11	16	26	28	29	27	27	28	28	28	28	28	17	19	19	15	12	10	13	D3	5	AR	AR	- 45	6.36%	12.48%	3.71%	
	Vanguard Russell 1000 Growth ETF	VONG	122.56	22	28	29	29	28	28	28	29	29	29	29	20	21	21	17	14	11	14	D3	7	AR	AR	+ 6	6.70%	11.41%	1.34%	
	Vanguard Mega Cap Growth ETF	MGK	415.92	20	28	29	30	28	28	28	29	29	30	29	20	21	21	16	13	10	13	D3	6	AR	AR	+ 6	7.30%	12.32%	1.96%	
	iShares Core S&P U.S. Growth ETF	IUSG	175.69	16	25	28	28	27	27	28	27	28	28	28	17	19	19	15	12	10	13	D3	5	AR	AR	- 45	6.24%	12.40%	3.87%	
	Vanguard S&P 500 Growth ETF	VOOG	462.76	16	26	28	29	27	27	28	28	28	28	28	17	19	19	15	12	10	13	D3	5	AR	AR	- 45	6.33%	12.48%	3.72%	
	iShares Russell Top 200 Growth ETF	IWY	278.14	23	28	29	29	28	28	28	29	29	30	29	20	21	21	17	13	10	13	D3	7	AR	AR	+ 6	6.73%	11.40%	1.58%	
	iShares Morningstar Growth ETF	ILCG	108.63	16	27	29	29	28	28	28	29	29	29	28	19	21	21	17	15	13	15	D3	7	AR	AR	- 45	6.77%	13.06%	3.60%	
	Invesco S&P 500 Pure Growth ETF	RPG	53.83	4	6	16	25	15	19	26	20	18	20	23	16	17	19	17	17	15	18	U3	1	AR	AR	- 45	5.16%	14.02%	10.10%	
	Invesco Large Cap Growth ETF	PWB	144.14	5	12	22	26	15	16	19	18	17	18	18	14	14	13	16	16	18	15	U3	1	AR	AR	+ 1	5.57%	12.67%	7.88%	
	First Trust Large Cap Growth AlphaDE	FTC	170.73	16	18	27	27	27	27	27	25	24	27	25	19	18	18	17	15	13	15	U1	1	AR	AR	- 45	3.98%	11.28%	3.09%	
EF-08	Style: Mid-Cap Growth			13	17	21	24	23	25	24	19	19	22	21	18	16	15	15	14	16	13	U3	1	AR	AR	+ 1	4.55%	10.81%	4.17%	
	iShares Russell Mid-Cap Growth ETF	IWP	137.75	27	29	29	28	28	28	28	28	29	29	29	24	24	22	22	21	19	21	D3	10	AR	BR	+ 10	5.67%	7.57%	-2.52%	
	Vanguard Mid-Cap Growth ETF	VOT	283.70	25	29	29	29	28	28	28	28	29	29	29	24	24	24	23	21	19	22	D3	17	AR	AR	+ 11	5.77%	9.65%	-0.38%	
	iShares S&P Mid-Cap 400 Growth ETF	IJK	109.81	6	8	9	12	10	14	16	14	15	17	15	15	14	13	13	13	12	14	U3	1	AR	AR	- 41	4.23%	11.23%	6.28%	
	Invesco S&P MidCap Momentum ETF	XMMO	158.73	4	3	5	5	10	13	15	14	16	17	16	17	17	15	15	12	10	13	U3	2	AR	AR	- 43	1.98%	12.04%	11.07%	
	iShares Morningstar Mid-Cap Growth E	IMCG	87.14	15	18	25	26	26	27	27	22	24	27	25	20	20	20	19	19	17	21	U3	1	AR	AR	- 44	5.03%	11.05%	4.55%	
	State Street SPDR S&P 400 Mid Cap C	MDYG	104.76	6	8	9	12	13	15	16	14	15	17	16	15	14	13	13	13	12	14	U3	1	AR	AR	- 41	4.24%	11.21%	6.30%	
	Vanguard S&P Mid-Cap 400 Growth E	IVOG	136.61	6	10	9	12	9	13	15	12	13	15	15	18	14	10	15	19	22	18	U3	1	AR	AR	+ 1	4.43%	11.20%	6.56%	
	First Trust Mid Cap Growth AlphaDEX	IFNY	100.26	14	18	25	26	27	27	26	20	18	19	18	19	11	8	11	16	20	15	D1	1	AR	AR	+ 1	5.09%	12.45%	1.98%	
EF-09	Style: Small-Cap Growth			6	14	18	22	25	26	25	19	18	18	16	13	11	11	11	12	13	10	U3	1	AR	AR	+ 1	5.65%	14.47%	5.08%	
	Vanguard Small-Cap Growth ETF	VBK	335.85	7	17	19	24	22	24	26	20	19	21	20	15	12	12	12	12	11	13	U3	1	AR	AR	- 41	6.38%	12.23%	3.46%	
	iShares Russell 2000 Growth ETF	IWO	356.35	8	20	27	27	27	27	28	24	23	23	19	15	11	10	11	12	9	11	U1	1	AR	AR	- 41	7.38%	15.12%	2.00%	
	iShares S&P Small-Cap 600 Growth E	IJT	159.83	6	10	13	19	22	24	21	18	17	17	16	15	14	13	14	15	12	14	U3	1	AR	AR	- 40	4.48%	13.69%	6.19%	
	Invesco S&P SmallCap Momentum ET	XSMO	84.79	4	4	6	7	17	16	16	15	17	15	14	15	14	14	16	16	12	14	U3	1	AR	AR	- 43	3.71%	15.19%	9.75%	
	Vanguard Russell 2000 Growth ETF	VTWG	260.23	8	20	27	27	27	27	28	23	23	23	19	15	11	10	10	12	9	11	U1	1	AR	AR	- 41	7.47%	15.36%	2.11%	
	First Trust Small Cap Growth AlphaDE	IFYC	110.07	4	10	12	20	20	24	19	18	17	15	15	10	6	5	4	5	4	4	U3	1	AR	AR	+ 1	7.06%	16.36%	7.99%	
	iShares Morningstar Small-Cap Growth	ISCG	60.79	11	18	23	25	25	26	26	19	18	19	18	15	12	11	11	12	9	11	D1	1	AR	AR	- 41	5.37%	12.16%	2.52%	
	Janus Henderson Small/Mid Cap Grow	JSMD	89.42	13	18	27	27	28	28	28	25	24	23	22	18	15	15	16	17	14	16	U1	1	AR	AR	+ 2	5.34%	16.02%	2.37%	
	Vanguard S&P Small-Cap 600 Growth	VIOG	137.38	6	9	13	18	22	24	21	18	17	17	16	15	14	13	14	15	12	14	U3	1	AR	AR	- 40	4.45%	13.78%	6.14%	
	Janus Henderson Small Cap Growth A	JSML	80.35	10	19	28	27	28	28	28	25	25	26	23	18	16	15	14	15	12	13	U1	1	AR	AR	+ 1	6.65%	17.50%	3.20%	
	First Trust Small Cap Value AlphaDEX	FYT	66.55	4	4	4	3	9	11	10	12	10	11	10	10	11	11	10	12	11	11	U3	1	AR	AR	- 37	3.91%	11.70%	10.26%	
EF-10	Style: Large-Cap Value			17	15	13	11	9	10	13	14	15	15	13	12	13	13	12	11	11	10	D1	5	AR	AR	- 7	2.32%	6.81%	4.16%	
	Vanguard Value ETF	VTV	204.24	18	14	10	7	12	13	14	14	15	15	14	12	14	14	13	11	10	13	D1	4	AF	AR	- 43	1.46%	5.58%	3.53%	
	iShares Russell 1000 Value ETF	IWD	227.15	15	13	12	12	7	13	15	15	16	16	15	12	14	13	12	11	10	13	D1	5	AR	AR	- 43	2.39%	7.50%	4.12%	
	iShares S&P 500 Value ETF	IVE	220.89	22	20	20	18	20	19	17	18	19	19	18	15	16	16	13	12	11	13	D1	1	AF	AR	- 41	2.54%	6.34%	2.05%	
	State Street SPDR Portfolio S&P 500	SPYV	59.17	21	20	20	18	20	19	17	18	19	19	18	15	16	16	13	12	11	13	D1	1	AF	AR	- 41	2.53%	6.36%	2.08%	
	Vanguard Russell 1000 Value ETF	VONV	99.68	15	13	12	12	12	13	15	15	16	16	15	12	14	13	12	11	10	13	D1	4	AR	AR	- 43	2.39%	7.53%	4.18%	

Group or Corp		Ticker	Price	MKT Cap(MM)	Relative Strength Ranking - RSR																				% Price Δ					
					04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-10 Style: Large-Cap Value																														
	Schwab U.S. Large-Cap Value ETF	SCHV	32.09	15,077	16	12	10	9	12	13	14	14	15	15	14	12	14	14	13	12	11	14	D1	4	AR	AR	- 44	1.91%	6.68%	4.13%
	Vanguard Mega Cap Value ETF	MGV	150.63	11,816	18	14	11	9	11	12	14	14	15	14	13	12	14	13	13	11	10	13	D1	4	AF	AR	- 43	1.26%	5.08%	3.13%
	Vanguard S&P 500 Value ETF	VOOV	213.19	6,276	22	20	20	18	20	19	17	18	19	19	18	14	16	16	13	12	11	13	D1	1	AF	AR	- 41	2.46%	6.34%	2.01%
	iShares Russell Top 200 Value ETF	IWX	98.13	3,734	16	14	14	14	6	13	15	15	17	16	15	11	13	13	12	10	9	12	D1	5	AR	AR	- 44	2.17%	6.67%	3.54%
	Invesco Large Cap Value ETF	PWV	71.97	1,431	15	9	6	5	10	12	13	15	17	17	16	14	17	19	14	12	12	14	U3	2	AR	AR	- 46	1.29%	5.76%	7.44%
	First Trust Large Cap Value AlphaDEX FTA		95.13	1,303	11	7	5	3	9	10	10	12	13	11	12	12	13	14	12	11	10	12	U3	1	AR	AR	- 42	2.16%	5.88%	7.43%
	iShares Morningstar Value ETF	ILCV	98.01	1,225	20	19	20	20	18	17	17	18	19	19	17	13	15	14	12	10	8	11	D1	1	AR	AR	- 42	2.69%	6.58%	2.19%
	Invesco S&P 500 Concentrated QVM E QVMT		62.83	128	7	6	5	4	8	9	10	12	15	13	13	12	14	15	11	9	8	11	U3	1	AR	AR	- 44	1.42%	6.73%	9.13%
	Xtrackers Russell 1000 US Quality at a QARP		63.00	76	16	17	18	19	13	14	16	18	18	18	16	13	15	15	13	12	10	13	D1	1	AR	AR	- 42	3.21%	7.45%	4.02%
	Royce Quant Small-Cap Quality Value	SQLV	47.92	26	7	12	10	11	16	19	17	19	17	17	15	14	14	14	13	15	12	13	U3	1	AR	AR	- 39	4.92%	11.73%	6.37%
EF-11 Style: Mid-Cap Value					15	13	12	12	18	16	15	15	14	13	9	12	13	12	11	11	11	11	D1	2	AF	AR	- 7	2.42%	9.12%	3.61%
	Vanguard Mid-Cap Value ETF	VOE	192.53	22,215	15	12	7	5	12	13	13	13	15	14	15	13	14	14	13	12	11	14	D1	4	AR	AR	- 42	1.83%	6.94%	4.48%
	iShares Russell Mid-Cap Value ETF	IWS	155.91	14,858	10	11	9	11	10	14	15	14	15	16	15	14	14	14	13	13	12	14	U3	1	AR	AR	- 42	2.91%	9.34%	5.49%
	iShares S&P Mid-Cap 400 Value ETF	IJJ	141.47	8,481	16	16	17	20	25	24	22	18	16	15	14	14	14	13	13	13	12	13	D1	1	AF	AR	- 41	2.83%	10.45%	2.26%
	Vanguard S&P Mid-Cap 400 Value ETI IVOV		108.91	1,268	16	17	18	20	25	25	21	18	14	14	10	16	15	12	12	18	19	18	D1	1	AF	AR	+ 1	2.74%	10.34%	2.23%
	Invesco S&P MidCap Value with Mome XMVM		68.52	443	15	11	7	5	13	16	15	18	15	13	11	12	13	12	10	8	7	8	U3	1	AF	AR	- 41	1.80%	8.53%	4.16%
EF-12 Style: Small-Cap Value					7	10	9	7	15	15	14	14	10	10	7	10	10	9	10	11	11	10	U3	1	AR	AR	+ 1	3.26%	11.20%	4.94%
	Vanguard Small Cap Value ETF	VBR	232.24	34,870	13	13	12	12	18	17	16	15	15	15	14	13	13	12	12	12	11	13	D1	2	AR	AR	- 40	3.32%	10.09%	3.79%
	iShares Russell 2000 Value ETF	IWN	206.45	13,275	6	6	6	6	13	15	15	14	14	13	12	10	9	9	10	11	8	10	U3	1	AR	AR	- 39	3.57%	12.53%	5.96%
	iShares S&P Small-Cap 600 Value ETI IJS		127.46	7,743	7	10	10	6	14	16	15	15	14	13	11	11	10	9	9	11	8	10	U3	1	AR	AR	- 38	3.73%	11.24%	4.74%
	State Street SPDR S&P 600 Small Cap SLYV		101.75	4,370	7	9	9	6	15	16	15	16	14	13	11	11	10	9	9	11	8	10	U3	1	AR	AR	- 38	3.72%	11.36%	4.77%
	Vanguard S&P Small-Cap 600 Value E VIOV		109.47	1,684	7	9	9	6	14	16	15	16	14	13	11	10	10	9	9	11	8	10	U3	1	AR	AR	- 38	3.73%	11.30%	4.80%
	Vanguard Russell 2000 Value ETF	VTWV	182.05	1,155	6	6	6	6	14	15	15	14	14	13	12	10	9	9	10	11	8	10	U3	1	AR	AR	- 39	3.65%	12.78%	6.02%
	Opus Small Cap Value ETF	OSCV	41.46	685	13	7	8	11	12	14	15	15	17	15	14	15	16	17	17	18	19	16	U3	1	AR	AR	- 40	1.32%	8.27%	5.60%
	iShares Morningstar Small Cap Value E ISCV		74.25	646	15	14	14	15	21	20	17	17	15	15	14	13	12	12	11	11	9	11	D1	1	AR	AR	- 40	3.38%	10.44%	3.02%
	Invesco S&P SmallCap Value with Mor XSVM		64.91	604	5	5	5	5	14	17	16	16	14	12	10	11	13	12	12	12	10	11	U3	1	AR	AR	- 39	2.95%	12.86%	7.48%
EF-13 Style: Multi-Cap Value					15	15	12	12	12	14	13	15	15	14	12	11	12	12	10	10	10	10	D1	2	AR	AR	+ 1	3.31%	8.53%	4.92%
	iShares Core S&P US Value ETF	IUSV	107.07	25,290	21	19	20	18	19	19	17	18	19	19	18	14	16	16	13	12	11	13	D1	1	AF	AR	- 41	2.54%	6.52%	2.12%
	Fidelity Value Factor ETF	FVAL	75.12	1,187	18	20	25	26	25	24	23	22	20	21	18	13	15	15	12	9	8	11	D2	5	AR	AR	- 43	4.38%	9.42%	3.12%
	State Street SPDR S&P 1500 Value Til VLU		229.39	775	12	12	10	10	12	13	15	16	17	16	14	13	14	14	12	11	10	12	U3	1	AR	AR	- 43	2.86%	8.29%	5.60%
	JPMorgan U.S. Value Factor ETF US JVAL		53.06	716	13	17	17	20	19	19	19	18	17	17	15	13	14	13	11	11	9	11	D1	1	AR	AR	- 42	4.43%	9.97%	4.67%
	Alpha Architect US Quantitative Value I QVAL		55.10	522	6	6	4	9	9	11	11	12	12	11	10	10	10	10	9	9	7	9	U3	1	AR	AR	- 41	3.13%	9.11%	8.23%
	First Trust Multi Cap Value AlphaDEX F FAB		98.90	138	10	7	5	4	10	11	12	13	13	12	12	12	13	13	12	12	11	13	U3	1	AR	AR	- 40	2.54%	7.80%	6.52%
THEMATIC																														
EF-14 Equity Income					19	16	11	7	8	9	9	13	14	14	13	12	14	14	14	13	13	13	D1	5	AF	AR	- 6	1.86%	5.85%	3.40%
	Vanguard Dividend Appreciation ETF	VIG	227.46	105,214	22	22	25	25	25	24	23	22	22	20	18	16	18	17	15	13	12	14	D2	4	AF	AR	- 44	2.70%	7.23%	1.20%
	Schwab US Dividend Equity ETF	SCHD	31.05	87,519	10	6	4	3	6	7	7	9	9	9	8	9	13	14	14	13	14	15	D1	3	AF	AR	- 38	1.60%	3.04%	8.35%
	Vanguard High Dividend Yield Index E VYM		155.11	76,300	16	13	11	7	6	13	14	15	15	15	14	13	16	15	14	12	11	14	D1	5	AR	AR	- 43	2.01%	6.85%	4.80%
	iShares Core Dividend Growth ETF	DGRO	73.19	39,380	20	18	16	15	15	15	16	17	17	17	15	14	16	15	14	12	11	13	D1	1	AF	AR	- 43	1.98%	6.15%	2.81%
	iShares Select Dividend ETF	DVY	153.15	22,551	18	12	5	4	4	10	12	13	14	12	14	12	15	15	15	13	13	14	D1	4	AF	AR	- 41	0.47%	4.95%	4.61%
	First Trust Rising Dividend Achievers E RDVY		74.50	21,799	15	14	22	24	18	24	24	20	18	19	16	12	14	12	10	10	8	11	D1	1	AR	AR	- 43	3.31%	9.24%	2.87%
	State Street SPDR S&P Dividend ETF	SDY	149.05	21,084	21	17	10	5	12	11	11	12	14	13	14	13	16	16	16	16	15	18	D1	4	BF	AR	- 43	1.18%	4.16%	2.36%
	iShares Core High Dividend ETF	HDV	133.94	13,320	18	9	4	3	3	7	8	10	12	10	11	10	14	16	17	15	15	18	D1	2	BF	AR	- 121	-0.03%	1.39%	6.00%

		Relative Strength Ranking - RSR																				% Price Δ									
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
EF-14	Equity Income																														
	ProShares S&P 500 Dividend Aristocr	NOBL	108.81	11,371	25	20	19	15	20	14	14	13	16	15	14	13	15	15	16	16	14	16	D1	1	AF	AR	- 40	1.55%	4.98%	0.02%	
	First Trust SMID Cap Rising Dividend	FSDDVY	42.23	10,862	14	12	13	15	17	15	15	14	14	14	13	13	14	13	13	13	11	13	D1	2	AR	AR	- 40	2.50%	9.50%	4.40%	
	First Trust Value Line Dividend Index	FVFD	48.42	8,289	22	18	14	12	14	13	13	14	17	16	18	15	18	19	18	16	14	17	D1	4	AF	AR	- 46	1.02%	4.79%	2.43%	
	First Trust Morningstar Dividend Leade	FDL	49.75	7,293	11	5	2	2	5	6	6	8	9	8	8	9	13	14	14	12	12	14	U3	21	BF	AR	- 122	-0.14%	1.41%	9.04%	
	First Trust Preferred Securities & Incon	FPE	18.15	6,361	27	25	22	20	19	20	24	25	24	26	25	19	20	21	18	15	14	15	D2	4	AR	AR	- 46	0.67%	2.66%	0.23%	
	WisdomTree U.S. LargeCap Dividend I	DLN	93.70	5,955	18	17	15	15	14	13	15	18	18	17	16	14	17	17	15	13	12	14	D1	4	AR	AR	- 45	2.38%	6.52%	4.21%	
	WisdomTree U.S. MidCap Dividend Fu	DON	55.25	3,895	18	17	16	16	22	20	17	18	17	16	16	16	17	17	16	16	15	16	D1	1	AF	AR	- 40	1.99%	8.11%	2.52%	
	FT Vest S&P 500 Dividend Aristocrats	KNG	49.94	3,437	25	23	21	17	21	15	15	14	17	16	15	14	16	16	16	15	14	16	D2	3	AF	AR	- 40	1.48%	4.58%	-0.44%	
	VanEck Preferred Securities ex Financ	PFXF	18.36	2,209	20	20	19	17	19	16	16	22	20	19	21	15	15	17	15	13	14	14	D1	1	AR	AR	- 42	2.80%	6.12%	1.81%	
	WisdomTree U.S. SmallCap Dividend I	DES	38.36	2,073	6	5	5	4	11	13	12	14	13	12	12	12	14	13	14	15	13	14	U3	1	AR	AR	- 36	2.32%	10.47%	7.80%	
	WisdomTree U.S. Total Dividend Fund	DTD	90.54	1,562	18	17	14	15	14	14	15	18	17	17	16	14	17	17	15	13	12	14	D1	4	AR	AR	- 44	2.26%	6.76%	4.13%	
	WisdomTree U.S. High Dividend Fund	DHS	110.73	1,456	16	12	5	4	9	10	10	12	13	11	12	12	15	15	15	13	13	14	D1	4	AF	AR	- 44	1.05%	4.70%	5.43%	
	ALPS Sector Dividend Dogs ETF	SDOG	66.14	1,356	15	10	5	4	4	10	9	12	13	11	13	12	14	15	14	13	12	14	D1	4	AR	AR	- 42	1.33%	4.93%	5.98%	
	Invesco High Yield Equity Dividend Act	PEY	22.01	1,044	18	18	6	5	15	16	16	20	18	17	16	14	18	19	17	19	18	20	D1	4	AF	AR	- 15	3.28%	7.21%	3.61%	
	Invesco S&P Ultra Dividend Revenue F	RDIV	55.49	957	21	17	6	4	9	12	12	16	16	14	14	14	16	18	14	13	13	14	D1	3	AF	AR	- 40	1.35%	2.39%	4.61%	
	Invesco Dividend Achievers ETF	PFM	53.81	763	21	20	22	22	22	19	19	20	20	19	18	15	18	17	15	13	12	14	D1	1	AF	AR	- 44	2.65%	6.85%	2.01%	
	Global X SuperDividend US ETF	DIV	19.32	736	11	6	9	7	7	8	8	11	12	11	13	12	16	16	17	16	17	18	U3	1	AR	AR	- 21	0.42%	4.29%	8.09%	
	Invesco KBW High Dividend Yield Fina	KBWD	13.50	451	23	27	27	27	28	28	28	28	25	23	23	15	13	11	14	13	14	14	D3	2	AF	AR	- 38	4.90%	10.68%	-5.14%	
	WisdomTree U.S. AI Enhanced Value I	AIVL	123.07	397	18	15	14	16	13	14	16	16	18	18	18	14	16	17	16	15	14	16	D1	4	AR	AR	- 45	2.12%	6.74%	3.76%	
	VictoryShares Dividend Accelerator ET	VSDA	56.11	236	22	18	18	13	18	13	14	13	15	13	14	14	16	17	17	17	16	18	D1	4	AF	AR	- 41	1.40%	5.80%	1.53%	
	Siren DIVCON Leaders Dividend ETF	LEAD	83.82	71	13	12	20	22	15	20	20	19	18	19	18	15	16	14	14	15	13	15	U3	1	AR	AR	- 45	2.82%	9.17%	3.92%	
	First Trust S&P 500 Diversified Dividen	KNGZ	38.12	61	18	20	19	17	22	20	16	18	17	16	15	13	16	15	13	13	12	14	D1	1	AF	AR	- 42	4.11%	8.37%	2.66%	
	WBI Power Factor High Dividend ETF	WBIY	34.17	58	18	14	5	9	9	11	9	12	13	11	12	11	14	15	13	12	11	12	D1	3	AF	AR	- 41	1.55%	3.98%	4.77%	
	Global X S&P 500 Quality Dividend ETI	QDIV	36.76	32	23	18	13	10	12	12	12	13	15	13	13	13	15	17	16	16	15	17	D1	3	BF	AR	- 38	0.65%	3.03%	2.18%	
EF-15	Low Volatility																														
	iShares MSCI USA Min Vol Factor ETF	USMV	94.86	23,136	23	18	16	16	14	13	14	19	20	19	19	15	17	18	16	14	13	13	D1	1	AR	AR	- 6	1.49%	4.56%	2.07%	
	Global X NASDAQ 100 Covered Call E	QYLD	17.90	8,333	28	27	23	22	20	16	17	22	25	24	24	19	21	22	21	18	15	18	D2	4	AF	AR	- 126	2.27%	2.72%	0.88%	
	Invesco S&P 500 Low Volatility ETF	SPLV	74.68	7,377	25	18	13	13	13	12	13	16	19	19	22	18	21	21	23	20	19	22	D1	4	AR	AR	- 12	0.66%	3.43%	2.54%	
	Global X S&P 500 Covered Call ETF	XYLD	40.30	3,109	24	18	16	17	13	14	16	21	20	21	19	14	16	16	13	10	9	12	D1	1	AR	AR	- 39	0.93%	3.87%	1.22%	
	First Trust BuyWrite Income ETF	FTHI	23.74	2,155	24	18	18	20	21	22	26	24	22	23	23	17	18	19	16	13	12	14	U3	1	AR	AR	- 42	0.34%	5.34%	1.35%	
	Fidelity Low Volatility Factor ETF	FDLO	68.63	1,417	23	26	25	25	24	24	21	23	24	25	22	16	19	19	16	14	12	15	D2	5	AR	AR	- 43	3.28%	6.63%	1.69%	
	State Street SPDR US Large Cap Low	LGLV	182.91	1,160	24	19	15	15	15	13	14	17	19	19	19	16	18	19	18	17	15	18	D1	4	AF	AR	- 124	1.10%	3.88%	1.05%	
	First Trust Nasdaq BuyWrite Income E	FTQI	21.28	838	17	15	16	20	16	19	24	25	25	26	23	15	16	17	15	12	9	11	U3	1	AR	AR	- 41	2.31%	7.60%	4.51%	
	Invesco S&P MidCap Low Volatility ETI	XMLV	66.19	753	20	17	15	17	20	13	14	18	19	19	19	19	20	19	18	18	16	18	D1	4	AR	AR	- 47	1.57%	6.85%	2.89%	
	VictoryShares US 500 Volatility Wtd ET	CFA	95.94	532	20	18	20	19	20	19	17	18	19	19	19	16	18	18	16	15	14	16	D1	1	AR	AR	- 43	2.58%	6.43%	2.24%	
	State Street SPDR Russell 1000 Low V	ONEV	139.99	532	22	20	17	18	22	17	16	18	18	18	18	17	17	17	16	16	14	15	D1	1	AF	AR	- 43	2.16%	6.58%	1.15%	
	WisdomTree Equity Premium Income F	WTPI	32.95	458	25	22	23	22	18	18	22	22	22	23	20	14	16	16	14	12	9	12	D2	4	AF	AR	- 43	0.92%	3.45%	-0.44%	
	VictoryShares US 500 Enhanced Volat	CFO	77.73	412	20	19	20	19	20	19	17	18	19	19	19	16	18	18	16	15	14	16	D1	1	AR	AR	- 43	2.65%	6.37%	2.18%	
	Vanguard U.S. Minimum Volatility ETF	VFMV	139.45	410	18	17	12	12	12	13	14	16	19	19	19	15	19	19	17	16	14	16	D1	4	AR	AR	- 125	2.50%	5.66%	4.45%	
	AGF U.S. Market Neutral Anti-Beta Fur	BTAL	12.58	347	30	30	27	22	22	23	26	30	30	30	30	30	30	30	30	30	30	30	D3	2	BF	BF	- 1	-5.20%	-11.10%	-8.84%	
	iShares MSCI USA Small-Cap Min Vol	SMMV	45.40	286	21	18	12	15	17	13	14	18	19	19	19	17	17	18	16	16	13	14	D1	4	AR	AR	- 46	2.05%	6.02%	2.16%	
	Invesco S&P SmallCap Low Volatility E	XSLV	50.08	243	15	12	12	12	17	14	15	18	18	17	15	15	18	17	17	16	14	15	D1	4	AR	AR	- 35	1.43%	8.63%	4.27%	
	State Street SPDR US Small Cap Low	SMLV	147.24	239	6	6	6	5	12	13	14	16	15	15	13	12	14	13	14	15	12	13	U3	1	AR	AR	- 40	3.01%	10.90%	7.05%	
	VictoryShares US Multi-Factor Minimur	VSMV	58.52	152	20	17	14	12	10	11	13	15	18	16	16	13	13	14	14	12	11	9	11	D1	3	AR	AR	- 45	2.09%	3.91%	3.25%
	Innovator U.S. Equity Ultra Buffer ETF	UUJUL	39.85	143	23	20	21	20	16	19	24	25	25	26	24	24	26	25	24	22	21	22	U3	1	AR	AR	+ 1	1.45%	4.36%	2.19%	



		Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-15	Low Volatility																													
	Franklin Income Equity Focus ETF	INCE	66.46	120	14	8	5	9	8	9	10	12	13	12	13	10	12	13	13	12	11	13	D1	3	AR	AR	- 43	1.57%	4.89%	6.12%
	First Trust Horizon Managed Volatility C	HUSV	39.35	73	27	27	22	22	22	17	17	22	25	26	25	20	21	22	23	21	19	22	D2	4	AF	AR	- 10	1.51%	3.41%	-0.19%
EF-16	Volatility				29	21	4	2	2	4	3	28	29	28	30	25	28	28	29	28	27	28	U3	3	BR	BF	+ 12	-1.27%	-7.15%	6.59%
	Invesco S&P 500 High Beta ETF	SPHB	131.91	704	4	13	19	21	15	18	18	16	15	16	15	11	10	9	8	8	6	7	U3	1	AR	AR	- 43	7.90%	14.32%	7.64%
	ProShares Ultra VIX Short-Term Futur	UVXY	38.15	382	30	30	2	1	1	1	1	30	30	30	30	30	30	30	30	30	30	30	U3	2	BR	BF	+ 12	-8.99%	-29.48%	7.34%
	ProShares Short VIX Short-Term Futur	SVXY	50.45	213	29	29	30	30	30	30	30	27	23	26	19	14	9	5	3	1	1	2	D3	3	AF	AR	- 12	3.23%	10.18%	-9.21%
	ProShares VIX Short-Term Futures ET	VIXY	27.93	197	30	27	2	1	1	2	2	30	30	30	30	30	30	30	30	30	30	30	U3	3	BR	BF	+ 12	-6.12%	-20.13%	9.10%
	ProShares VIX Mid-Term Futures ETF	VIXM	15.68	58	29	22	5	2	2	4	7	27	28	28	29	29	30	30	30	30	30	30	U3	3	BR	BF	+ 10	-2.37%	-8.94%	4.81%
EF-17	Momentum				15	15	19	22	21	21	23	18	18	19	18	13	14	13	12	11	11	11	U3	1	AR	AR	+ 1	3.55%	10.31%	4.03%
	iShares MSCI USA Momentum Factor	MTUM	274.46	23,274	7	12	25	26	27	27	28	25	25	28	27	18	20	19	17	15	13	15	U2	1	AR	AR	- 48	4.18%	13.64%	6.32%
	Invesco S&P 500 Momentum ETF	SPMO	128.30	15,273	10	14	27	27	27	26	27	27	25	28	28	20	24	22	20	16	13	16	U2	1	AR	AR	- 48	4.02%	13.08%	7.22%
	First Trust Dorsey Wright Focus 5 ETF	FV	64.86	3,444	23	26	27	26	27	27	27	22	20	22	18	13	12	12	12	12	12	14	D2	5	AF	AR	- 41	3.03%	7.71%	-3.63%
	Pacer Trendpilot US Large Cap ETF	PTLC	55.29	3,185	29	28	28	27	27	26	26	25	24	26	23	19	21	21	17	16	9	18	D3	3	AF	AR	- 22	3.07%	4.46%	-1.90%
	Main Sector Rotation ETF	SECT	66.25	2,537	20	26	27	27	27	27	27	25	25	27	24	17	17	18	13	12	9	12	D3	4	AR	AR	- 43	5.03%	9.92%	2.14%
	JPMorgan U.S. Momentum Factor ETF	JMOM	74.98	2,137	8	13	17	22	19	19	23	22	22	22	22	16	17	17	15	13	12	14	U3	1	AR	AR	- 45	4.50%	10.97%	6.42%
	Vanguard U.S. Momentum Factor ETF	VFMO	220.18	1,545	4	6	11	18	20	19	22	15	17	17	16	13	10	10	12	12	10	12	U3	1	AR	AR	- 43	4.04%	14.29%	6.68%
	VictoryShares US Small Mid Cap Value	USVM	102.18	1,543	7	7	13	13	15	16	16	16	15	14	13	13	13	12	12	12	10	12	U3	1	AR	AR	- 41	3.44%	11.52%	5.90%
	Invesco Dorsey Wright Momentum ET	PDP	133.77	1,430	6	5	10	18	12	16	20	13	12	15	16	18	15	10	18	20	24	19	U3	1	AR	AR	+ 1	2.43%	11.70%	7.07%
	Pacer Trendpilot 100 ETF	PTNQ	78.18	1,224	29	28	29	27	27	26	26	27	28	28	26	21	21	23	17	17	7	16	D3	5	AR	AR	- 22	4.03%	5.11%	-1.73%
	Fidelity Momentum Factor ETF	FDMO	88.94	827	15	19	27	27	27	27	28	25	25	27	25	15	16	14	13	12	10	13	U1	1	AR	AR	- 45	4.88%	11.69%	1.96%
	Alpha Architect U.S. Quantitative Mom	QMOM	76.31	427	4	4	6	11	14	16	17	8	9	14	16	17	9	8	16	16	21	19	U3	1	AR	AR	+ 2	3.38%	15.27%	8.25%
	Invesco Dorsey Wright SmallCap Mom	DWAS	111.50	405	3	6	6	16	21	24	20	16	16	18	14	15	8	7	8	13	7	5	U3	1	AR	AR	+ 1	5.70%	17.70%	9.46%
	Pacer Trendpilot US Mid Cap ETF	PTMC	39.54	395	10	12	14	16	19	19	17	14	14	14	12	17	14	10	15	17	14	19	U3	1	AR	AR	+ 1	3.62%	10.85%	4.46%
	First Trust Managed Futures Strategy F	FMF	51.00	260	18	6	4	4	8	9	11	17	18	21	19	17	18	17	16	14	15	15	U3	16	AR	AR	- 36	-1.08%	2.70%	5.34%
	VictoryShares US Value Momentum E	ULVM	100.58	246	12	8	12	12	12	12	13	14	15	14	15	14	16	14	14	12	11	13	U3	1	AR	AR	- 43	1.93%	7.85%	6.06%
State Street SPDR S&P 1500 Momenti	MMTM	312.89	238	12	17	25	26	25	24	27	25	22	24	22	15	18	17	14	12	10	13	U3	1	AR	AR	- 42	4.99%	11.81%	5.36%	
First Trust Dorsey Wright Dynamic Foc	FVC	37.37	101	25	27	27	26	27	28	28	22	22	23	19	15	14	10	15	17	22	20	D3	1	AF	AR	- 9	3.05%	7.64%	-3.73%	
State Street SPDR Russell 1000 Mom	ONEO	142.53	27	11	12	10	11	13	14	15	15	17	16	16	14	15	15	14	13	12	14	U3	1	AR	AR	- 43	3.05%	8.91%	5.42%	
Pacer CFRA-Stovall Equal Weight Sea	SZNE	38.34	13	14	15	14	17	17	14	13	14	15	14	15	14	13	14	13	14	13	15	D1	2	AR	AR	- 18	3.75%	9.79%	4.13%	
EF-18	Quality				19	21	25	26	24	24	23	22	22	22	19	15	16	16	13	12	12	11	D2	5	AR	AR	+ 1	3.79%	8.46%	2.53%
	iShares MSCI USA Quality Factor ETF	QUAL	206.92	49,857	20	22	27	26	24	24	24	22	22	23	21	15	16	16	13	12	10	13	D2	5	AR	AR	- 42	3.73%	7.83%	1.99%
	Invesco S&P 500 Quality ETF	SPHQ	80.50	17,112	16	14	19	18	14	16	16	14	17	17	16	14	17	16	14	13	11	14	D1	2	AR	AR	- 46	2.21%	7.40%	4.28%
	JPMorgan U.S. Quality Factor ETF	JQUA	65.63	7,374	20	26	25	26	22	24	24	23	25	26	24	18	19	19	16	15	12	14	D2	4	AR	AR	- 45	4.37%	7.07%	2.42%
	Fidelity Quality Factor ETF	FQAL	78.15	1,356	20	25	27	26	27	26	25	23	23	26	23	17	19	19	16	13	11	14	D3	2	AR	AR	- 45	3.92%	8.35%	2.27%
	FlexShares US Quality Large Cap Inde	QLC	85.35	879	16	18	25	26	23	24	24	22	22	23	19	14	16	15	13	10	8	11	D1	1	AR	AR	- 44	4.26%	9.77%	3.96%
	Vanguard U.S. Quality Factor ETF	VFQY	159.35	447	21	26	25	26	26	26	24	23	22	23	18	16	16	17	14	13	11	13	D2	4	AF	AR	- 42	4.08%	8.13%	1.01%
Invesco S&P SmallCap Quality ETF	XSHQ	45.33	250	16	18	23	23	27	26	27	23	22	20	18	19	18	19	17	17	14	16	D1	1	AR	AR	- 39	3.97%	10.62%	2.93%	
EF-19	Multi-factor				16	17	15	15	17	15	14	17	16	15	15	13	14	14	13	12	12	12	D1	2	AR	AR	+ 1	2.91%	8.30%	3.80%
	WisdomTree US Quality Dividend Grov	DGRW	94.03	16,460	20	22	25	25	24	21	22	22	21	21	20	17	19	19	16	15	13	15	D2	4	AR	AR	- 42	4.00%	8.02%	3.61%
	TR Activebeta US Large Cap Equity E	GSLC	136.32	14,961	20	26	27	27	27	27	27	25	25	28	24	18	19	19	15	13	11	14	D3	4	AR	AR	- 44	4.58%	9.39%	2.14%
	iShares MSCI USA Value Factor ETF	VLUE	158.22	11,495	4	4	5	4	3	9	10	10	9	9	7	6	7	7	6	6	5	7	U3	1	AR	AR	- 43	4.00%	10.57%	9.98%
	First Trust RBA American Industrial Re	AIRR	123.13	9,641	1	1	4	3	9	10	10	6	5	5	5	7	6	5	7	8	7	10	U3	1	AR	AR	- 43	2.32%	14.39%	8.51%

		Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-19	Multi-factor																													
	State Street SPDR Portfolio S&P 500	SPYD	46.40	7,266	19	15	6	5	12	11	10	13	14	13	15	15	17	18	17	16	15	18	D1	4	AF	AR	- 39	1.40%	4.91%	4.35%
	John Hancock Multifactor Mid Cap ETF	JHMM	71.98	5,269	14	14	13	15	15	16	16	13	14	14	13	16	14	12	15	16	12	19	D1	2	AR	AR	+ 1	3.51%	9.51%	4.38%
	Invesco Russell 1000 Dynamic Multifac	OMFL	65.07	4,518	16	18	22	22	20	19	24	22	21	23	21	15	16	17	14	13	12	14	D1	1	AR	AR	- 46	3.66%	8.52%	3.83%
	iShares U.S. SmallCap Equity Factor E	SMLF	82.59	3,626	8	16	17	21	22	26	26	20	18	19	18	15	14	13	12	12	11	12	U3	1	AR	AR	- 41	5.33%	12.18%	4.17%
	Invesco S&P 500 High Dividend Low V	SPHD	50.13	3,324	24	19	12	6	13	13	11	14	16	15	18	15	19	20	21	18	17	20	D1	4	BF	AR	- 38	1.05%	3.44%	2.85%
	iShares U.S. Equity Factor ETF	LRGF	71.81	3,156	20	26	27	27	27	27	27	27	25	28	25	19	20	20	17	14	12	14	D3	5	AR	AR	- 44	4.63%	9.67%	3.15%
	Principal U.S. Mega-Cap ETF	USMC	69.63	3,132	22	26	28	27	27	27	27	27	29	28	28	20	21	21	17	14	11	14	D3	6	AR	AR	+ 4	3.69%	8.89%	2.68%
	Invesco S&P 500 GARP ETF	SPGP	117.43	2,226	20	26	28	27	27	28	27	25	24	27	22	18	19	20	15	14	12	14	D3	3	AR	AR	- 42	4.68%	10.03%	1.62%
	FlexShares Quality Dividend Index Fun	QDF	85.06	2,113	18	20	24	24	22	24	21	22	21	22	19	15	18	17	15	12	10	13	D1	1	AR	AR	- 43	3.99%	8.58%	3.51%
	Principal U.S. Small-Cap ETF	PSC	62.83	1,978	12	17	21	22	25	26	26	22	19	19	18	14	13	13	12	12	10	11	U3	1	AR	AR	- 42	5.00%	12.01%	3.09%
	ProShares S&P MidCap 400 Dividend	REGL	90.81	1,759	18	12	12	13	22	13	15	15	15	15	14	15	16	15	16	16	14	15	D1	2	AF	AR	- 42	1.12%	8.77%	2.68%
	State Street SPDR MSCI USA Strategi	QUS	180.70	1,471	22	22	23	23	20	17	18	20	21	20	19	19	21	22	19	19	17	17	D2	4	AR	AR	- 7	2.80%	5.86%	2.25%
	WisdomTree U.S. LargeCap Fund	EPS	74.19	1,462	17	20	25	26	25	24	26	25	23	26	22	15	18	18	14	12	10	13	D2	1	AR	AR	- 43	4.35%	9.44%	3.99%
	John Hancock Multifactor Large Cap E	JHML	84.60	1,102	17	18	24	25	23	23	21	21	20	21	19	17	19	18	16	16	11	18	D1	1	AR	AR	+ 1	3.92%	9.12%	3.41%
	ALPS O'Shares US Small-Cap Quality	OUSM	46.43	904	20	18	22	22	25	24	20	20	19	18	18	17	19	19	17	18	15	16	D1	1	AF	AR	+ 1	2.27%	8.22%	2.17%
	State Street SPDR Russell 1000 Yield	ONEQ	124.06	859	16	12	6	5	12	12	12	12	14	13	14	14	14	14	14	14	14	15	D1	4	AF	AR	- 41	1.34%	6.81%	4.15%
	Vanguard U.S. Value Factor ETF	VFVA	143.23	809	14	17	12	11	13	15	14	15	15	14	12	12	12	13	10	10	8	10	D1	5	AF	AR	- 41	4.46%	8.87%	4.81%
	ALPS O'Shares U.S. Quality Dividend	IOUSA	58.05	759	26	27	27	25	25	24	19	21	22	22	19	16	18	18	15	14	12	14	D2	4	AF	AR	- 7	3.11%	5.09%	-0.53%
	VictoryShares US EQ Income Enhance	CDC	72.60	730	15	10	11	9	9	9	10	12	14	12	14	13	16	18	17	16	15	17	D1	2	AR	AR	- 41	1.18%	4.74%	7.00%
	John Hancock Multifactor Small Cap E	JHSC	46.43	721	13	14	17	18	22	21	19	15	14	12	8	14	11	9	11	19	13	19	D1	1	AR	AR	+ 1	3.85%	11.01%	3.45%
	ProShares Russell 2000 Dividend Grov	SMDV	73.05	664	15	7	10	10	20	16	15	18	15	13	14	13	16	15	16	18	14	15	D1	4	AF	AR	- 36	1.16%	10.10%	4.83%
	Franklin U.S. Low Volatility High Divide	LVHD	43.14	617	21	14	6	4	4	5	5	11	14	12	15	15	19	20	21	19	18	20	D1	3	BF	AR	- 120	0.26%	3.00%	4.44%
	Vanguard U.S. Multifactor ETF	VFMD	166.03	582	7	6	6	5	12	13	13	14	14	13	12	11	12	12	10	9	8	10	U3	1	AR	AR	- 42	2.55%	9.47%	6.63%
	Hartford Multifactor US Equity ETF	ROUS	62.88	577	15	14	10	12	12	13	16	17	18	17	18	14	16	16	15	13	11	13	U3	1	AR	AR	- 44	3.13%	7.38%	5.66%
	FlexShares Quality Dividend Defensive	QDEF	84.59	522	20	20	22	22	22	19	18	21	21	22	19	16	19	18	16	13	11	14	D1	1	AR	AR	- 45	3.19%	7.31%	3.09%
	First Trust Multi Cap Growth AlphaDEX	FAD	176.90	442	11	17	24	26	27	27	27	22	22	22	21	16	14	14	13	12	10	12	U3	1	AR	AR	- 43	4.94%	12.67%	3.75%
	JPMorgan Diversified Return Use Equi	JPUS	136.75	441	14	8	6	5	11	11	12	12	15	15	15	14	16	16	16	14	13	15	U3	1	AR	AR	- 43	1.72%	7.53%	6.41%
	JPMorgan Diversified Return U.S. Mid	JPME	120.77	429	10	7	6	5	12	12	13	13	15	15	15	14	16	15	15	14	13	14	U3	1	AR	AR	- 42	2.12%	8.53%	6.81%
	VictoryShares US Large Cap High Divi	CDL	75.75	383	15	10	11	9	9	9	10	12	14	12	14	13	16	18	17	16	15	17	D1	2	AR	AR	- 41	1.18%	4.75%	7.01%
	WisdomTree US Smallcap Quality Divi	DGRS	56.43	378	7	6	6	5	12	13	12	13	12	12	11	12	13	14	14	15	13	14	U3	1	AR	AR	- 37	2.20%	10.05%	6.90%
	WisdomTree U.S. Multifactor Fund	USMF	51.47	360	26	27	26	26	26	26	26	25	28	28	27	21	21	22	20	18	15	18	D3	4	AF	AR	- 45	3.11%	4.61%	0.07%
	American Century U.S. Quality Value E	VALQ	66.70	307	27	27	25	21	21	20	17	18	18	18	16	13	15	15	13	12	10	13	D2	4	AF	AR	- 41	2.59%	3.61%	-2.05%
	Invesco Russell 2000 Dynamic Multifac	OMFS	49.62	274	7	11	14	15	23	24	18	18	17	16	14	12	12	11	12	12	10	11	U3	1	AR	AR	- 42	4.11%	13.23%	4.73%
	Xtrackers Russell US Multifactor ETF	DEUS	62.90	248	17	15	12	11	12	14	15	15	17	16	16	15	16	16	15	15	13	15	D1	5	AR	AR	- 44	2.19%	6.95%	3.74%
	PIMCO RAFI Dynamic Multi-Factor U.S	MFUS	61.83	242	14	12	10	13	12	13	14	15	17	16	15	14	16	15	14	13	12	14	U3	1	AR	AR	- 45	2.64%	8.12%	5.78%
	First Trust Dorsey Wright International	IFV	27.54	241	7	6	14	21	24	16	15	11	13	13	13	10	11	14	13	11	11	14	D1	2	AR	AR	- 57	2.19%	12.79%	6.66%
	Cambria Global Momentum ETF	GMOM	37.33	140	11	6	5	5	11	10	9	9	10	11	11	8	8	10	10	9	7	11	D1	4	AR	AR	- 45	1.13%	8.19%	5.78%
	Invesco S&P 500 Value with Momentum	SPVM	71.30	118	19	16	9	7	13	13	13	15	16	15	14	13	15	14	12	10	8	11	D1	4	AF	AR	- 42	1.73%	5.95%	3.32%
	Cambria Value & Momentum ETF	VAMO	35.06	82	25	18	7	4	5	16	21	22	18	17	16	14	14	13	12	10	9	10	U3	1	BF	AR	- 44	-0.23%	1.54%	-1.09%
	ALPS Dynamic US Dividend Advantag	RFDA	67.09	81	16	18	19	20	22	23	24	25	23	26	21	16	18	19	16	13	11	14	U3	1	AR	AR	+ 1	3.64%	9.18%	4.94%
	Invesco S&P SmallCap High Dividend	XSHD	13.79	78	16	16	13	15	23	20	16	22	21	19	18	15	16	15	18	19	19	21	D1	2	AR	AR	- 13	2.53%	9.15%	1.09%
	First Trust Dorsey Wright Momentum & DDIV	DDIV	43.89	68	16	18	23	26	27	27	26	21	17	17	14	15	17	10	12	10	12	7	D1	1	AF	AR	+ 1	3.41%	11.24%	1.45%
	First Trust Lunt U.S. Factor Rotation E	FCTR	37.36	52	22	27	21	20	22	23	21	21	20	20	21	15	14	13	13	12	12	14	D2	4	AR	AR	- 43	4.55%	6.55%	-0.76%
	Arrow Dow Jones Global Yield ETF	GYLD	14.16	32	16	14	11	9	9	11	11	16	18	18	19	15	16	19	18	13	14	16	U3	20	AR	AR	+ 1	1.22%	4.12%	6.15%
	Acquirers Small and Micro Deep Value	DEEP	39.97	26	6	12	10	11	19	24	18	18	15	19	16	12	12	12	12	14	12	14	U3	1	AR	AR	- 40	5.06%	12.66%	4.70%



		Relative Strength Ranking - RSR																				% Price Δ							
		Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
Group or Corp	Ticker																												
EF-20	Socially Responsible/ESG			12	16	17	21	20	17	19	17	15	15	16	12	11	12	11	9	10	10	D1	1	AR	AR	+ 1	4.14%	10.47%	5.19%
	iShares ESG Aware MSCI USA ETF	ESGU	154.41	16,283	20	25	27	27	27	27	25	25	27	24	16	18	19	15	12	10	13	D3	3	AR	AR	- 43	4.70%	9.50%	2.68%
	iShares ESG Aware MSCI EAFE ETF	ESGD	103.00	11,495	15	12	16	24	25	19	17	10	10	11	13	10	14	13	14	12	12	D1	1	AR	AR	+ 1	2.33%	11.58%	4.50%
	iShares ESG Aware MSCI EM ETF	ESGE	50.93	6,641	4	6	19	19	15	14	16	6	4	6	7	4	5	6	7	5	8	D1	2	AR	AR	+ 1	4.99%	14.04%	9.03%
	Nuveen ESG Large-Cap Growth ETF	NULG	102.47	2,592	16	27	28	29	28	28	28	29	28	29	29	29	28	27	29	29	24	D3	11	AR	AR	+ 1	6.72%	12.26%	3.77%
	State Street SPDR S&P 500 Fossil Fu	SPYX	58.19	2,568	19	25	27	27	27	27	27	25	25	27	24	16	18	18	14	12	10	D3	3	AR	AR	- 44	4.77%	9.92%	2.50%
	iShares ESG Aware MSCI USA Small-C	ESML	51.24	2,329	7	12	13	16	19	19	17	16	15	16	14	13	11	11	11	12	10	U3	1	AR	AR	- 40	4.23%	11.59%	4.33%
	Nuveen ESG Large-Cap Value ETF	NULV	48.48	2,017	16	17	14	17	12	14	14	14	15	15	14	13	14	11	12	13	12	D1	1	AR	AR	- 7	3.35%	7.54%	3.57%
	Invesco Solar ETF	TAN	55.13	1,487	18	7	4	3	2	2	5	7	1	1	1	3	2	3	4	1	2	D1	5	BF	AR	- 7	-0.18%	-0.04%	6.26%
	Nuveen ESG Small-Cap ETF	NUSC	49.03	1,292	14	17	18	22	25	25	20	17	14	15	13	14	10	8	9	15	17	D1	1	AR	AR	+ 1	4.30%	11.94%	3.33%
	Global X S&P 500 Catholic Values Cus	CATH	85.48	1,200	20	25	27	27	27	27	26	26	25	27	23	22	24	23	19	19	11	D3	3	AR	AR	+ 1	4.71%	9.60%	2.66%
	iShares Low Carbon Optimized MSCI A	CRBN	244.24	1,075	16	20	27	26	27	26	25	20	19	20	19	17	18	18	16	13	13	D2	5	AR	AR	+ 1	4.74%	11.15%	3.74%
	First Trust Nasdaq Clean Edge Green	QCLN	53.73	623	2	6	20	18	17	15	27	17	12	10	10	6	5	6	5	5	5	U3	1	AR	AR	- 41	7.87%	17.38%	8.41%
	Invesco WilderHill Clean Energy ETF	PBW	35.80	450	6	19	25	23	27	17	28	23	17	15	11	7	5	5	5	5	4	U3	1	AR	AR	- 41	8.78%	16.12%	1.49%
	Nuveen ESG Mid-Cap Value ETF	NUMV	41.18	428	20	20	21	22	25	24	18	16	17	18	17	17	15	14	15	15	16	D1	1	AR	AR	- 7	2.90%	8.48%	1.11%
	Nuveen ESG Mid-Cap Growth ETF	NUMG	43.92	351	30	30	30	30	30	30	30	30	30	30	30	30	29	29	26	29	27	D3	12	AR	BF	+ 1	6.99%	5.81%	-8.27%
	State Street SPDR MSCI USA Gender	SHE	139.27	292	16	20	24	25	21	23	23	23	22	21	21	14	15	16	13	12	11	D1	1	AR	AR	- 45	4.74%	8.91%	3.64%
	Inspire Small/Mid Cap ETF	ISMD	44.29	283	5	7	10	11	21	22	18	18	16	15	14	12	12	11	12	14	12	U3	1	AR	AR	- 39	5.23%	14.73%	6.27%
	Columbia U.S. Equity Income ETF	EQIN	50.33	274	20	17	10	5	11	13	13	16	16	15	14	13	15	15	13	12	11	D1	4	AF	AR	- 40	1.59%	4.00%	3.17%
	First Trust Global Wind Energy ETF	FAN	25.56	261	1	1	1	2	2	2	3	2	3	4	4	3	3	5	6	4	8	U3	19	AR	AR	+ 3	-0.93%	9.98%	17.04%
	Invesco Global Clean Energy ETF	PBD	19.83	199	1	3	4	4	8	10	13	10	9	10	9	7	6	7	8	7	7	U3	2	AR	AR	- 43	5.09%	13.90%	13.83%
	State Street SPDR MSCI ACWI Climat	NZAC	44.77	188	18	25	27	27	27	27	26	25	24	26	24	22	23	23	18	16	15	D3	4	AR	AR	+ 1	5.03%	11.23%	3.16%
	Amplify Etho Climate Leadership U.S.	ETHO	73.24	172	6	11	12	18	17	23	21	17	14	15	13	14	11	9	8	12	5	U3	1	AR	AR	+ 1	5.01%	12.71%	6.95%
	iShares MSCI Global Sustainable Deve	SDG	88.97	169	18	17	17	23	27	25	26	22	20	19	20	24	25	25	23	16	18	U3	1	AR	AR	+ 1	1.88%	10.32%	5.61%
	State Street SPDR MSCI Emerging Ma	EEMX	49.68	169	4	6	17	17	10	9	13	4	4	6	6	4	4	5	6	5	6	D1	2	AR	AR	+ 1	5.24%	14.52%	10.14%
	Invesco MSCI Sustainable Future ETF	ERTH	50.19	148	18	17	21	22	24	24	28	25	19	20	22	17	18	20	17	12	12	U3	1	AR	AR	- 45	2.80%	8.74%	5.04%
	Stance Sustainable Beta ETF	CHGX	29.45	148	15	21	24	26	21	23	24	21	22	21	22	22	23	24	23	25	24	D1	1	AR	AR	+ 1	5.99%	9.43%	5.67%
	VanEck Low Carbon Energy ETF	SMOG	149.38	147	5	6	6	12	12	8	18	12	12	11	12	6	9	13	15	6	10	U3	1	AR	AR	+ 1	3.16%	12.87%	11.25%
	Inspire Global Hope ETF	BLES	47.52	145	11	12	12	15	17	15	15	14	16	15	16	13	14	14	14	13	12	D1	2	AR	AR	- 47	3.26%	10.00%	5.64%
	FlexShares STOXX US ESG Select Inc	ESG	163.90	127	20	22	26	26	26	26	26	24	23	23	20	15	18	18	15	13	10	D2	5	AR	AR	- 44	3.76%	8.85%	2.56%
	Global X Conscious Companies ETF	KRMA	45.12	115	19	26	27	26	27	26	26	25	25	26	23	22	23	23	18	16	10	D3	3	AR	AR	+ 1	5.17%	9.30%	2.88%
	FlexShares STOXX Global ESG Select	ESGG	216.59	108	16	17	22	25	24	23	22	20	19	19	18	13	16	16	13	11	9	D1	1	AR	AR	- 47	3.39%	9.75%	4.26%
	Columbia International Equity Income E	INEQ	40.75	82	10	6	5	5	11	11	12	9	10	10	12	9	12	13	12	9	8	U3	1	AR	AR	- 60	0.86%	8.92%	7.92%
EF-21	Thematic			17	20	25	25	24	25	24	22	23	23	23	16	17	17	15	14	13	13	D1	1	AR	AR	+ 1	4.20%	8.94%	3.10%
	Global X U.S. Infrastructure Developm	PAVE	55.06	12,642	7	4	8	9	15	11	8	6	4	4	4	13	11	8	14	14	11	D1	5	AR	AR	+ 1	0.75%	12.32%	6.77%
	First Trust Nasdaq Clean Edge Smart C	GRID	183.31	9,450	2	3	6	7	10	10	12	9	9	9	11	10	14	15	15	11	11	U3	1	AR	AR	- 47	3.05%	14.01%	15.18%
	First Trust Capital Strength ETF	FTCS	94.74	7,972	27	27	23	20	21	17	15	18	20	19	18	15	18	19	17	18	15	D2	4	BF	AR	- 46	1.69%	3.11%	-1.07%
	ARK Innovation ETF	ARKK	79.23	7,111	21	30	30	30	30	30	30	30	30	30	30	30	28	25	28	29	30	D3	11	AR	AR	+ 1	14.35%	14.58%	-3.00%
	Franklin U.S. Large Cap Multifactor Ind	FLQL	74.11	1,916	15	17	24	26	24	24	25	22	22	23	20	15	17	17	14	12	10	D1	1	AR	AR	- 44	3.74%	10.35%	4.50%
	ROBO Global Robotics & Automation I	ROBO	79.36	1,740	4	13	25	26	24	19	14	6	4	6	9	10	6	5	5	5	6	D1	1	AR	AR	+ 1	7.56%	16.45%	7.10%
	Invesco Buyback Achievers ETF	PKW	139.83	1,660	20	20	23	23	25	26	24	22	20	21	19	17	18	18	14	12	11	D1	1	AR	AR	- 44	3.36%	8.15%	2.26%
	VanEck BDC Income ETF	BIZD	13.20	1,592	28	29	29	29	28	28	28	30	30	30	30	24	22	22	23	21	22	D3	10	AR	BF	+ 28	6.80%	8.00%	-5.60%
	First Trust US Equity Opportunities ET	FPX	178.08	1,309	9	14	22	26	22	26	26	25	25	28	28	19	18	17	14	12	8	U2	1	AR	AR	- 47	4.34%	11.19%	6.02%
	Innovator U.S. Equity Power Buffer ET	PJUL	47.75	1,003	23	20	20	19	15	19	23	25	25	26	24	24	26	25	23	22	19	U3	1	AR	AR	+ 1	1.53%	4.28%	2.14%
Goldman Sachs Hedge Industry VIP E	GVIP	166.06	502	11	18	27	28	27	28	28	25	21	22	23	16	15	18	15	13	11	D3	3	AR	AR	+ 1	5.54%	13.70%	5.05%	

				Relative Strength Ranking - RSR																				% Price Δ							
				MKT	04/17	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	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)																			CYCLE	DAY	DAY	MACD	1 week	1 month	3 month		
EF-21	Thematic																														
	Abacus FCF Leaders ETF	ABFL	76.92	487	15	14	19	20	21	22	26	24	24	26	24	19	20	20	18	16	13	16	U3	1	AR	AR	- 45	2.68%	9.42%	5.67%	
	ProShares S&P 500 Ex-Technology E	SPXT	107.65	261	21	20	24	24	22	21	19	20	20	21	18	14	16	15	13	12	10	13	D2	4	AR	AR	- 44	2.80%	7.13%	1.55%	
	AdvisorShares Focused Equity ETF	CWS	67.96	159	29	28	28	27	27	28	26	25	28	29	29	29	25	20	23	29	29	24	D3	4	AR	BF	- 11	2.72%	5.13%	-5.57%	
	Renaissance IPO ETF	IPO	48.79	141	13	28	30	30	29	29	30	30	30	30	30	27	25	23	24	21	22	22	U1	1	AR	AR	+ 16	10.48%	14.72%	1.42%	
	Global X Millennial Consumer ETF	MILN	45.69	111	26	30	30	30	30	30	30	30	30	30	30	30	29	30	28	30	29	30	D3	11	AR	BF	+ 1	8.48%	12.73%	-3.01%	
	American Customer Satisfaction ETF	ACSI	69.48	108	20	23	26	26	26	26	26	26	23	26	28	23	26	25	24	20	22	20	D3	3	AR	AR	+ 1	4.02%	8.64%	2.70%	
	Pacer American Energy Infrastructure I	USAI	44.19	102	7	2	1	1	3	3	4	6	8	8	12	11	15	20	24	17	19	23	U3	12	BR	AR	- 12	-3.35%	-5.88%	13.68%	
	ProShares S&P 500 Ex-Energy ETF	SPXE	76.50	79	19	25	27	27	27	27	27	25	25	27	24	17	18	18	14	13	10	13	D3	3	AR	AR	- 44	4.86%	10.25%	2.47%	
	Impact Shares Womens Empowermen	WOMN	41.93	60	25	27	27	26	27	27	26	25	25	27	24	18	20	20	16	15	12	14	D3	3	AR	AR	- 42	4.14%	6.67%	0.82%	
	Pacer US Export Leaders ETF	PEXL	66.08	45	7	14	25	26	20	20	19	18	18	19	18	11	11	11	10	8	7	9	D1	1	AR	AR	- 43	5.17%	12.18%	4.56%	
	ProShares Equities for Rising Rates E	EQRR	72.92	39	5	6	4	3	7	11	13	18	17	17	15	13	16	16	13	12	12	14	U3	40	AR	AR	- 43	3.20%	7.06%	10.50%	
	Principal Quality ETF	PSET	75.24	33	27	28	29	29	28	28	28	28	29	29	28	21	22	22	17	17	14	17	D3	7	AR	AR	+ 6	4.40%	8.18%	-1.71%	
	Point Bridge America First ETF	MAGA	55.12	32	20	17	12	6	13	11	10	14	15	15	15	19	20	19	23	26	23	27	D1	5	AF	AR	- 6	1.49%	5.44%	2.28%	
AdvisorShares Vice ETF	VICE	32.72	7	26	25	26	25	27	21	26	27	28	29	28	29	29	30	30	30	30	30	D2	4	AF	BF	+ 1	1.12%	5.28%	0.46%		
EF-22	Alpha				22	20	23	21	19	19	18	20	21	20	21	15	15	16	14	12	11	12	D1	1	AR	AR	- 7	2.39%	5.63%	1.95%	
	VanEck Morningstar Wide Moat ETF	MOAT	102.30	12,153	29	29	29	28	27	27	23	18	20	19	19	18	14	13	9	14	11	10	D3	2	AF	AR	- 12	4.77%	5.37%	-4.34%	
	Innovator Laddered Allocation Power B	BUFF	51.44	828	23	20	20	18	15	18	23	25	25	26	24	24	25	25	23	21	19	21	U3	1	AR	AR	+ 1	1.78%	4.55%	2.47%	
	NYLI Hedge Multi-Strategy Tracker ETI	QAI	35.46	793	20	17	14	11	7	13	18	21	21	21	22	22	21	23	23	21	19	23	U3	1	AR	AR	+ 1	1.63%	4.76%	3.32%	
	ProShares Large Cap Core Plus	CSM	81.85	495	19	24	27	26	27	26	26	25	25	27	23	15	17	17	13	10	8	11	D3	3	AR	AR	- 44	4.52%	9.85%	2.68%	
	Capitol Series Trust - Hull Tactical US	HTUS	41.60	136	16	19	26	26	26	25	26	23	23	23	21	18	20	22	18	14	11	11	D3	2	AR	AR	+ 1	4.26%	10.27%	4.41%	
	Invesco Bloomberg Analyst Rating Imp	UPGD	77.54	113	23	26	25	25	25	24	16	16	17	17	16	18	19	18	19	26	23	20	D2	4	AF	AR	- 6	3.45%	7.25%	0.48%	
	Innovator IBD 50 ETF	FFTY	36.61	84	27	27	29	28	28	27	24	6	14	17	25	29	13	20	22	29	19	28	D2	4	AR	AR	- 6	2.64%	8.54%	-1.51%	
	AdvisorShares Ranger Equity Bear ETI	HDGE	16.39	69	29	7	4	2	2	2	4	16	20	17	23	23	28	29	30	27	28	29	U3	12	BF	BR	- 1	-7.35%	-9.95%	2.33%	
	Global X Guru Index ETF	GURU	66.37	60	11	22	26	27	27	28	28	27	27	27	24	25	23	23	17	12	4	6	U1	1	AR	AR	+ 1	7.20%	14.45%	6.99%	
	AdvisorShares Insider Advantage ETF	SURE	135.29	51	18	18	17	16	13	16	14	16	16	17	16	16	14	10	8	13	12	8	D1	1	AR	AR	- 7	3.29%	6.98%	2.19%	
	ProShares Merger ETF	MRGR	45.12	16	26	20	14	5	11	14	18	25	25	23	24	16	17	19	16	13	12	13	U3	3	AR	AR	- 142	0.07%	0.74%	0.68%	
	EF-23	Convertible Preferred				23	21	22	20	20	21	26	25	23	23	24	17	17	18	17	14	15	15	D1	1	AR	AR	+ 1	2.37%	5.18%	1.65%
		iShares Preferred & Income Securities	PFF	31.46	13,978	25	26	25	21	22	24	24	25	24	23	25	18	19	20	18	16	16	17	D2	4	AR	AR	- 40	2.18%	4.42%	0.12%
iShares Convertible Bond ETF		ICVT	112.06	5,681	6	8	10	14	11	14	24	21	20	19	19	14	15	15	16	13	13	14	U3	2	AR	AR	- 47	4.11%	9.51%	8.64%	
State Street SPDR Bloomberg Convert		CWB	100.51	5,257	7	12	12	19	12	15	25	22	21	19	20	15	16	16	16	14	13	14	U3	1	AR	AR	- 47	4.16%	9.40%	7.44%	
Invesco Preferred ETF		PGX	11.26	3,945	27	26	25	21	21	23	24	25	25	26	28	19	21	22	21	17	18	19	D2	4	AR	AR	- 37	1.17%	2.79%	0.05%	
Invesco Variable Rate Preferred ETF		VRP	24.41	2,458	26	20	19	16	13	17	22	25	25	26	25	19	21	21	20	16	15	17	D1	1	AR	AR	- 146	0.21%	2.01%	1.18%	
State Street SPDR ICE Preferred Secu		PSK	31.55	726	29	27	25	22	22	24	25	25	25	27	28	20	21	22	21	18	18	19	D2	5	AF	AR	- 36	0.90%	2.28%	-0.85%	
Invesco Financial Preferred ETF		PGF	14.16	725	28	26	25	20	21	22	24	25	25	27	28	20	21	22	22	17	18	19	D2	4	AR	AR	- 36	0.93%	2.78%	-0.21%	
Global X SuperIncome Preferred ETF		SPFF	9.39	129	22	27	27	23	26	27	27	27	25	26	25	17	17	18	14	13	12	13	D3	2	AR	AR	- 38	4.61%	7.47%	-0.03%	
InfraCap REIT Preferred ETF		PPFR	17.90	118	27	27	27	22	25	24	26	27	25	28	28	20	22	22	21	17	17	18	D3	4	AR	AR	- 39	1.79%	4.04%	-0.40%	
First Trust SSI Strategic Convertible Se		FCVT	48.94	115	6	7	10	14	11	15	24	20	18	17	18	12	12	13	13	12	11	13	U3	1	AR	AR	- 45	3.96%	9.98%	7.39%	
Innovator S&P Investment Grade Prefe		EPRF	17.14	72	29	28	28	25	27	27	28	28	28	28	28	21	21	22	21	18	18	19	D3	8	AF	BF	+ 6	2.12%	2.49%	-3.47%	
SECTORS (US)																															
EF-24		Consumer Discr.				24	27	28	28	28	28	27	25	24	24	23	18	17	16	13	17	17	15	D3	3	AF	AR	- 8	4.65%	10.52%	-2.11%
	State Street Consumer Discretionary S	XLY	120.41	23,294	23	28	30	29	28	28	28	28	28	28	28	18	16	18	13	16	10	12	D3	4	AR	AR	+ 5	6.66%	11.98%	-1.35%	
	Vanguard Consumer Discretionary ET	VCR	398.59	6,203	23	28	30	29	29	28	28	28	28	28	28	18	17	18	13	16	11	13	D3	4	AR	AR	+ 5	6.52%	12.66%	-1.67%	
	iShares U.S. Home Construction ET	ITB	97.90	2,614	30	30	30	30	30	28	28	23	18	15	20	24	21	19	17	25	24	25	D3	2	BF	BF	- 12	3.85%	10.91%	-9.11%	
	Fidelity MSCI Consumer Discretionary	FDIS	103.47	1,831	23	28	30	29	29	28	28	28	28	28	28	18	17	18	13	16	11	13	D3	5	AR	AR	- 42	6.46%	12.59%	-1.58%	

		Relative Strength Ranking - RSR																				% Price Δ									
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
EF-24	Consumer Discr.																														
	State Street SPDR S&P Homebuilders	XHB	107.25	1,528	29	28	30	29	29	28	28	20	16	12	17	22	20	16	15	23	22	23	D2	5	AF	BR	- 37	3.28%	11.66%	-6.17%	
	iShares U.S. Consumer Discretionary E	IYC	104.87	1,227	23	27	28	28	28	28	28	27	28	28	28	20	20	20	16	18	14	16	D3	5	AR	AR	- 45	4.89%	9.80%	-0.94%	
	State Street SPDR S&P Retail ETF	XRT	86.95	465	23	27	28	27	28	28	28	25	22	23	19	19	16	13	12	14	11	12	D3	2	AF	AR	- 42	5.10%	10.85%	-3.58%	
	Invesco S&P 500 Equal Weight Consu	RSPD	58.07	292	25	28	29	28	28	28	27	23	23	23	21	19	18	19	14	16	14	14	D3	2	AF	AR	- 41	5.54%	9.80%	-1.33%	
	First Trust Consumer Discretionary Alp	FXD	70.32	278	21	27	28	27	28	28	28	25	22	23	19	19	17	15	12	13	12	13	D3	2	AF	AR	- 41	5.55%	12.57%	-1.39%	
	VanEck Retail ETF	RTH	268.71	266	18	17	22	22	25	16	16	20	22	19	18	18	14	15	17	26	24	22	D1	1	AR	AR	+ 1	2.53%	9.39%	1.64%	
	Invesco Leisure and Entertainment ETI	PEJ	63.86	262	15	20	25	26	27	28	27	23	24	28	25	20	19	19	16	13	11	13	U1	1	AR	AR	- 44	5.57%	12.25%	3.69%	
	iShares U.S. Consumer Focused ETF	IEDI	57.61	29	23	26	27	26	27	26	24	22	24	22	21	18	17	17	16	19	17	19	D2	5	AF	AR	- 43	3.65%	8.49%	-1.08%	
	Invesco S&P SmallCap Consumer Disr	PSCD	111.68	23	20	23	28	27	28	28	27	21	18	19	17	19	16	14	13	19	17	18	D2	5	AF	AR	- 39	3.75%	11.29%	-2.60%	
	First Trust Nasdaq Food & Beverage E	FTXG	21.97	21	28	18	12	6	17	11	11	12	16	14	15	15	20	22	25	22	22	22	D1	4	BF	AR	- 10	-1.52%	2.42%	1.66%	
First Trust Nasdaq Retail ETF	ISHP	36.62	5	30	30	30	30	30	30	30	30	30	30	30	29	29	29	27	29	29	29	D3	11	AF	BF	+ 1	7.90%	10.86%	-8.16%		
EF-25	Consumer Staples				25	18	14	6	14	5	7	7	12	7	9	13	16	19	22	21	20	21	D1	4	BF	AR	- 5	0.26%	3.70%	1.88%	
	State Street Consumer Staples Select	XLP	82.46	14,605	25	18	13	5	12	10	10	10	13	10	12	13	16	18	21	20	19	21	D1	4	BF	AR	- 13	0.11%	2.01%	0.99%	
	Vanguard Consumer Staples ETF	VDC	226.87	7,973	23	17	10	5	12	9	11	10	14	11	12	14	16	18	21	21	19	21	D1	4	BF	AR	- 13	0.15%	2.97%	2.13%	
	Fidelity MSCI Consumer Staples Index	FSTA	52.84	1,435	23	17	10	5	5	9	11	10	14	11	12	14	16	19	21	21	19	21	D1	4	BF	AR	- 13	0.09%	2.94%	2.13%	
	iShares U.S. Consumer Staples ETF	IYK	70.24	1,363	27	20	16	7	8	10	12	10	14	12	14	14	18	21	24	21	20	22	D1	4	BF	AR	- 11	-0.61%	1.41%	1.78%	
	Invesco S&P 500 Equal Weight Consu	RSPS	29.65	247	29	27	25	14	21	13	12	11	14	11	14	14	17	19	22	20	19	21	D2	3	BF	BR	- 12	0.37%	1.78%	-2.17%	
	First Trust Consumer Staples AlphaDE	FXG	64.92	243	25	18	13	11	21	13	13	12	16	15	15	15	18	21	24	22	21	23	D1	4	BF	AR	- 11	-0.08%	5.33%	2.47%	
	Invesco Food & Beverage ETF	PBJ	49.66	93	16	6	4	3	10	9	12	12	15	12	14	14	19	22	25	22	21	22	U3	1	AF	AR	- 11	-0.73%	5.55%	7.51%	
Invesco S&P SmallCap Consumer Staj	PSCC	33.10	34	24	26	27	22	27	13	15	14	17	17	18	17	21	24	26	25	23	24	D2	4	AF	AF	- 9	2.80%	7.61%	2.75%		
EF-26	Communications				2	5	5	6	3	4	5	11	14	16	15	9	13	14	11	8	7	8	U3	2	AR	AR	+ 1	5.32%	10.90%	14.43%	
	State Street Communication Services	XLC	119.10	25,970	22	27	27	27	24	24	19	25	25	28	28	14	19	22	16	13	11	14	D2	1	AR	AR	- 47	4.52%	6.46%	3.74%	
	Vanguard Communication Services ET	VOX	199.05	6,012	17	25	27	28	25	26	23	25	25	28	25	12	16	19	13	10	8	11	D3	2	AR	AR	- 45	5.60%	9.24%	3.76%	
	Fidelity MSCI Communication Services	FCOM	75.29	1,784	18	25	27	28	25	26	23	25	25	28	25	12	16	19	13	11	9	12	D3	2	AR	AR	- 45	5.57%	9.12%	3.72%	
	iShares U.S. Telecommunications ETF	IYZ	43.02	961	1	1	1	2	2	4	5	6	7	7	7	8	14	16	14	8	8	10	U3	42	AR	AR	- 91	4.42%	10.22%	27.87%	
	State Street SPDR S&P Telecom ETF	XTL	220.89	668	1	1	1	1	3	3	4	4	6	6	7	6	8	7	7	5	5	6	U3	19	AR	AR	- 43	6.51%	19.56%	37.29%	
EF-27	Energy				1	1	1	1	1	1	1	2	2	3	4	8	14	15	13	15	17	U3	14	AR	AR	+ 14	-3.37%	-5.68%	27.85%		
	State Street Energy Select Sector SPD	XLE	55.02	38,437	4	1	1	1	3	3	3	4	5	5	6	6	9	12	13	12	15	18	U3	23	BR	AR	- 38	-3.37%	-6.63%	16.12%	
	Vanguard Energy ETF	VDE	156.07	9,705	4	1	1	1	3	3	3	4	5	5	6	6	9	12	13	12	15	18	U3	23	BR	AR	- 39	-3.54%	-6.44%	16.60%	
	State Street SPDR S&P Oil & Gas Exp	XOP	159.69	3,122	4	1	1	1	2	3	3	6	8	10	10	10	16	21	23	17	21	23	U3	12	BR	AR	- 40	-5.21%	-9.48%	23.06%	
	VanEck Oil Services ETF	OIH	400.69	2,164	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	U3	35	AR	AR	- 2	-2.22%	3.55%	22.69%	
	Fidelity MSCI Energy Index ETF	FENY	30.69	1,894	4	1	1	1	1	3	3	4	5	5	6	6	9	12	13	12	15	18	U3	23	BR	AR	- 39	-3.55%	-6.43%	16.60%	
	United States Oil Fund LP	USO	116.04	1,755	1	1	1	1	1	1	1	6	7	17	16	4	24	29	30	30	30	30	U3	9	AR	AR	+ 15	-7.03%	-4.44%	61.95%	
	iShares U.S. Energy ETF	IYE	58.31	1,668	5	1	1	1	1	3	4	5	5	6	6	6	9	13	14	12	16	19	U3	23	BR	AR	- 39	-3.52%	-6.58%	15.93%	
	First Trust Energy AlphaDEX Fund	FXN	20.44	1,097	4	1	1	1	3	3	4	5	5	6	7	7	10	15	15	11	15	16	U3	22	BR	AR	- 35	-3.95%	-5.58%	20.26%	
	United States Brent Oil Fund LP	BNO	45.47	741	1	1	1	1	1	1	1	3	4	14	13	3	19	26	29	30	30	30	U3	10	AR	AR	+ 15	-3.77%	-14.08%	52.38%	
	First Trust Natural Gas ETF	FCG	28.46	694	4	1	1	1	3	3	3	6	7	10	12	9	15	21	23	14	18	21	U3	13	BR	AR	- 21	-5.04%	-8.04%	21.04%	
	Invesco S&P 500 Equal Weight Energy	RSPG	99.01	588	4	1	1	1	3	3	3	4	4	5	7	7	9	13	14	12	15	17	U3	35	BR	AR	- 34	-3.73%	-6.57%	18.75%	
	iShares U.S. Oil & Gas Exploration & P	IEO	110.55	558	4	1	1	1	1	3	3	6	8	9	10	11	16	21	21	17	21	22	U3	12	BR	AR	- 40	-4.63%	-8.94%	20.68%	
	United States Natural Gas Fund LP	UNG	10.84	495	30	30	30	26	27	26	26	30	30	30	30	24	1	9	30	30	30	30	30	D3	8	BF	BF	- 4	0.65%	-12.51%	4.94%
	State Street SPDR S&P Oil & Gas Equ	XES	115.57	476	1	1	1	1	2	2	3	2	2	2	2	2	4	4	4	5	6	7	U3	35	AR	AR	- 32	-1.90%	2.23%	26.10%	
	iShares U.S. Oil Equipment & Services	IEZ	28.84	460	1	1	1	1	1	3	3	3	3	2	3	3	4	5	4	5	8	9	U3	34	AR	AR	- 32	-2.04%	3.93%	21.09%	
	Invesco DB Oil Fund	DBO	19.13	287	1	1	1	1	1	1	1	6	7	17	16	4	24	29	30	30	30	30	U3	10	AR	AR	+ 15	-2.94%	-8.03%	51.11%	

			Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp		Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-27	Energy																														
	First Trust Nasdaq Oil & Gas ETF	FTXN	34.44	146	4	1	1	1	3	3	3	5	5	6	8	7	12	17	17	14	19	21	U3	21	BR	AR	- 34	-4.46%	-7.75%	18.07%	
	Invesco Oil & Gas Services ETF	PXJ	41.62	121	1	1	1	1	3	3	2	2	2	2	3	3	5	5	5	7	8	10	U3	37	AR	AR	- 35	-0.90%	5.38%	26.31%	
	Invesco S&P SmallCap Energy ETF	PSCE	56.89	109	1	1	1	1	2	3	3	4	4	4	4	5	7	9	11	10	13	15	U3	33	BR	AR	- 31	-3.64%	-5.03%	22.19%	
	United States Gasoline Fund LP	UGA	97.16	107	1	1	1	1	1	1	1	6	10	19	15	8	21	28	28	30	30	30	U3	12	AR	AR	+ 13	-0.12%	-7.40%	51.06%	
	Invesco DB Energy Fund	DBE	27.34	94	1	1	1	1	1	1	1	6	9	18	16	3	20	29	30	30	30	30	U3	10	AR	AR	+ 13	-3.43%	-10.04%	52.14%	
	Invesco Energy Exploration & Producti	PXE	34.70	85	4	1	1	1	3	3	4	9	9	11	12	13	20	24	25	19	22	23	U3	11	BR	AR	- 40	-5.22%	-7.73%	22.99%	
	Invesco Dorsey Wright Energy Momen	PXI	54.87	74	7	1	1	1	3	3	4	9	10	10	9	9	12	14	16	13	17	19	U3	13	BR	AR	- 39	-3.69%	-5.71%	14.11%	
United States 12 Month Oil Fund LP	USL	47.16	54	1	1	1	1	1	1	1	9	13	20	19	10	27	29	30	30	30	30	U3	9	AR	AR	+ 15	-3.72%	-5.91%	37.31%		
EF-28	Energy - MLP				10	2	1	1	1	1	2	4	5	5	12	11	14	17	20	14	16	19	U3	16	BR	AR	- 1	-2.62%	-3.00%	10.91%	
	Alerian MLP ETF	AMPL	51.11	11,910	18	5	2	2	2	2	3	7	7	7	16	13	16	16	17	16	17	19	U3	14	BR	AR	- 19	-2.28%	-3.31%	5.71%	
	First Trust North American Energy Infr	EMLP	43.13	3,938	11	3	2	2	5	5	6	9	11	11	16	13	17	18	21	16	17	20	U3	14	BR	AR	- 126	-2.20%	0.62%	10.44%	
	Global X MLP & Energy Infrastructure E	MLPX	70.47	3,160	6	1	1	1	1	1	1	3	3	2	13	11	14	19	22	15	17	21	U3	13	BR	AR	- 18	-2.97%	-3.91%	14.32%	
	Global X MLP ETF	MLPA	52.57	2,101	18	5	3	2	2	2	3	8	7	7	16	13	16	17	18	16	17	19	U3	14	BR	AR	- 19	-2.20%	-3.43%	5.69%	
	Tortoise North American Pipeline ETF	TPYP	40.87	871	7	2	1	1	4	4	5	7	9	9	14	12	16	19	23	15	17	21	U3	14	BR	AR	- 144	-2.92%	-2.61%	13.89%	
	Alerian Energy Infrastructure ETF	ENFR	36.36	427	7	1	1	1	1	1	1	3	3	3	13	11	15	19	23	15	17	21	U3	13	BR	AR	- 19	-3.19%	-4.16%	13.70%	
	InfraCap MLP ETF	AMZA	44.25	427	13	3	2	2	1	5	5	9	10	11	15	13	17	18	20	17	21	23	U3	12	BR	AR	- 12	-2.68%	-3.62%	8.53%	
VanEck Energy Income ETF	EINC	112.92	137	6	1	1	1	1	1	1	3	3	2	8	11	15	19	22	14	16	20	U3	13	BR	AR	- 148	-2.51%	-3.56%	15.20%		
EF-29	Financials				21	24	26	26	27	28	26	27	22	23	17	14	17	15	12	11	11	10	D3	2	AF	AR	+ 1	3.66%	9.58%	0.35%	
	State Street Financial Select Sector SP XLF		52.43	51,303	29	28	28	28	28	28	28	29	29	29	25	20	23	20	15	13	11	14	D3	5	AF	AR	+ 6	3.27%	7.38%	-3.20%	
	Vanguard Financials ETF	VFH	129.03	12,737	27	28	28	28	28	28	28	28	29	29	29	24	20	22	20	14	13	10	14	D3	4	AF	AR	+ 6	3.59%	8.30%	-2.96%
	Invesco KBW Bank ETF	KBWB	86.89	5,337	15	12	21	26	27	28	28	25	16	17	9	10	12	10	7	6	5	7	D1	1	AF	AR	- 43	2.40%	13.45%	1.52%	
	State Street SPDR S&P Regional Bank	KRE	70.37	3,916	10	7	10	17	23	26	25	23	12	12	8	11	13	13	12	12	8	10	D1	2	AF	AR	- 40	2.07%	12.28%	4.32%	
	iShares U.S. Financials ETF	IYF	125.34	3,453	26	27	28	28	28	28	28	29	28	28	23	18	21	19	14	12	10	13	D3	4	AF	AR	- 47	3.15%	7.83%	-2.99%	
	Fidelity MSCI Financials Index ETF	FNCL	74.94	2,319	27	28	28	28	28	28	28	28	29	29	29	24	20	22	20	14	13	10	14	D3	5	AF	AR	+ 6	3.57%	8.25%	-2.89%
	iShares US Financial Services ETF	IYG	88.38	2,006	29	28	29	29	28	28	28	28	29	29	28	24	19	21	19	13	11	9	13	D3	5	AF	AR	- 48	3.16%	8.10%	-4.10%
	iShares U.S. Broker-Dealers & Securiti	IAI	179.04	1,567	23	27	28	29	28	28	28	29	29	30	27	15	16	13	13	12	10	14	D3	4	AR	AR	- 47	5.32%	9.41%	-5.45%	
	State Street SPDR S&P Bank ETF	KBE	64.56	1,511	15	12	17	23	27	28	27	25	15	15	10	12	14	13	12	12	9	10	D1	1	AF	AR	- 41	2.74%	12.25%	2.65%	
	First Trust Financials AlphaDEX Fund	FXO	60.18	1,098	23	27	27	27	28	28	28	27	24	26	19	16	19	18	14	12	10	12	D3	3	AF	AR	- 43	3.67%	9.78%	-0.51%	
	iShares U.S. Regional Banks ETF	IAT	58.40	619	11	7	12	22	24	27	24	21	10	11	6	8	10	10	8	8	7	8	D1	1	AF	AR	- 40	1.94%	12.37%	2.54%	
	State Street SPDR S&P Capital Market	KCE	152.85	455	20	28	29	29	28	28	28	29	29	29	28	16	16	13	16	17	14	18	D3	4	AR	AR	+ 5	7.49%	12.97%	-4.84%	
	State Street SPDR S&P Insurance ETF	KIE	58.36	426	26	28	28	27	28	28	28	27	29	28	25	21	24	23	18	15	12	13	D3	5	AF	AR	+ 6	4.40%	7.95%	0.22%	
	iShares U.S. Insurance ETF	IAK	133.72	381	25	27	25	25	24	24	21	23	24	26	23	20	24	24	18	13	12	13	D2	5	AF	AR	- 21	3.11%	5.24%	4.31%	
	First Trust Nasdaq Bank ETF	FTXO	39.15	337	16	12	18	25	27	28	27	25	15	16	8	11	14	12	8	8	6	8	D1	1	AF	AR	- 42	1.56%	12.15%	2.18%	
	Invesco S&P 500 Equal Weight Financ	RSPF	76.70	282	25	28	28	28	28	28	28	29	29	29	26	19	21	20	16	14	12	14	D3	4	AF	AR	+ 6	5.36%	8.82%	-2.52%	
	Invesco KBW Property & Casualty Inst	KBWP	123.19	262	26	27	25	25	22	24	18	22	25	28	22	19	23	23	17	13	9	12	D3	3	AF	AR	- 135	3.44%	3.70%	2.00%	
First Trust NASDAQ ABA Community E	QABA	62.62	78	7	6	6	11	18	23	22	23	14	13	10	12	15	15	15	16	12	11	U3	1	AF	AR	- 40	1.64%	11.56%	6.35%		
Invesco Bloomberg Financial Data Pro	FDIQ	72.49	52	4	6	2	4	5	5	4	6	12	11	8	10	13	13	12	13	10	11	D1	2	AR	AR	- 40	5.83%	4.50%	12.44%		
Invesco Dorsey Wright Financial Mome	PFI	58.53	36	21	27	28	28	28	28	28	29	29	28	24	19	19	17	15	13	11	14	D3	4	AF	AR	+ 6	5.18%	11.86%	-1.46%		
Invesco S&P SmallCap Financials ETF	PSCF	62.47	25	8	12	18	22	25	26	24	24	19	19	16	15	17	15	15	15	12	13	U3	1	AR	AR	- 40	4.04%	13.00%	4.89%		
EF-30	Healthcare				22	26	21	25	25	22	17	14	16	16	14	10	7	8	6	5	4	4	D3	1	AR	AR	- 16	4.09%	8.56%	1.33%	
	State Street Health Care Select Sector	XLV	148.80	39,099	29	28	27	26	27	22	19	15	19	17	16	13	11	13	9	7	6	8	D3	1	BF	AR	- 29	1.01%	2.81%	-4.06%	
	Vanguard Health Care ETF	VHT	278.45	16,560	29	28	27	26	27	24	22	18	20	19	18	13	11	13	9	7	6	8	D3	2	BF	AR	- 31	1.71%	3.88%	-3.53%	
	State Street SPDR S&P Biotech ETF	XBI	138.67	8,920	2	6	4	9	4	6	5	8	10	11	4	3	2	1	1	1	1	1	U3	1	AR	AR	+ 1	7.13%	15.26%	11.67%	

				Relative Strength Ranking - RSR																								% Price Δ		
		MKT	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
Group or Corp	Ticker	Price	Cap(MM)																											
EF-30 Healthcare	iShares Biotechnology ETF	IBB	176.66	8,489	18	20	12	22	19	16	16	14	15	15	13	9	7	9	7	5	4	5	D1	1	AR	AR	- 36	4.30%	9.29%	4.02%
	iShares U.S. Medical Devices ETF	IHI	54.22	3,272	30	30	30	30	28	28	28	29	30	30	24	25	23	16	17	14	16	D3	7	BF	BF	+ 10	1.84%	-0.40%	-12.24%	
	iShares U.S. Healthcare ETF	IYH	62.65	2,945	29	28	27	26	27	24	22	18	20	19	18	14	12	13	9	8	7	8	D3	2	BF	AR	- 29	1.39%	3.35%	-4.01%
	Fidelity MSCI Health Care Index ETF	FHLC	71.94	2,878	29	28	27	26	27	24	21	18	20	19	18	13	11	13	9	7	6	8	D3	2	BF	AR	- 30	1.75%	3.88%	-3.46%
	First Trust NYSE Arca Biotechnology Ir	FBT	209.98	2,373	25	27	23	27	27	28	27	20	19	18	14	5	3	5	3	1	2	1	D3	3	AF	AR	- 17	4.07%	10.12%	-0.66%
	VanEck Pharmaceutical ETF	PPH	104.53	1,028	24	18	7	14	13	11	11	9	11	9	8	7	8	8	7	6	5	7	D1	4	BF	AR	- 32	0.67%	4.62%	0.06%
	First Trust Health Care AlphaDEX Func	FXH	114.82	884	26	27	27	27	28	28	28	23	24	26	23	18	15	17	12	11	9	11	D3	4	AF	AR	- 34	2.64%	9.07%	-0.58%
	Invesco S&P 500 Equal Weight Health RSPH	RSPH	31.34	725	29	28	27	26	27	27	24	17	18	19	18	14	12	12	10	9	8	10	D3	1	AF	AR	- 31	2.59%	4.52%	-4.51%
	iShares U.S. Healthcare Providers ETF IHF	IHF	45.74	700	30	30	30	30	30	28	28	29	29	29	30	26	16	20	15	14	14	16	D3	10	AR	BR	+ 9	3.95%	7.93%	-6.18%
	Invesco Pharmaceuticals ETF	PJP	107.31	412	22	23	17	20	21	18	15	15	16	13	12	12	12	13	9	7	4	5	D2	4	AF	AR	- 36	3.62%	7.43%	3.51%
	VanEck Biotech ETF	BBH	193.78	381	25	27	22	25	25	18	18	14	15	15	8	6	5	10	6	4	4	3	D2	4	AF	AR	- 17	3.89%	6.78%	1.52%
	State Street SPDR S&P Pharmaceutic	XPH	59.27	365	7	14	10	20	15	16	14	12	14	13	11	9	8	8	6	5	3	4	D1	1	AR	AR	- 36	6.08%	12.55%	6.51%
	Invesco Biotechnology & Genome ETF PBE	PBE	81.87	256	23	26	19	24	24	26	26	18	18	17	13	10	9	11	7	5	4	5	D3	1	AF	AR	- 37	3.85%	7.55%	1.30%
	State Street SPDR S&P Health Care E XHE	XHE	84.99	149	29	30	30	28	28	29	28	20	22	28	24	22	17	10	4	8	4	5	D3	3	AF	AR	- 12	7.38%	8.56%	-5.11%
	ALPS Medical Breakthroughs ETF	SBIO	57.60	145	1	4	2	11	6	5	7	7	7	8	4	2	1	1	1	1	1	1	U3	2	AR	AR	+ 1	6.71%	19.18%	12.79%
	Invesco S&P SmallCap Health Care E	PSCH	44.57	129	23	28	28	28	28	28	28	27	28	28	26	17	14	16	12	12	6	8	D3	4	AR	AR	+ 3	5.86%	12.48%	-0.23%
	Invesco Dorsey Wright Healthcare Mor	PTH	53.61	129	7	17	10	24	25	23	19	17	18	19	16	12	6	5	3	1	1	1	U2	1	AR	AR	+ 1	6.51%	15.19%	9.26%
	State Street SPDR S&P Health Care S XHS	XHS	107.91	93	25	28	28	27	27	26	24	23	22	24	16	12	13	10	9	7	9		D3	3	AR	AR	- 31	5.11%	7.15%	-1.93%
Virtus Biotech ETF	BBP	87.89	62	7	10	5	12	4	6	4	9	10	15	12	5	3	5	4	1	1	1	U3	1	AR	AR	+ 1	4.29%	9.66%	9.24%	
Virtus Biotech Clinical Trials ETF	BBC	47.42	38	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	2	AR	AR	+ 1	9.26%	19.75%	16.86%	
First Trust Nasdaq Pharmaceuticals E	FTXH	34.87	30	16	14	5	5	10	10	10	9	11	9	8	7	8	9	7	5	4	5	D1	4	AF	AR	- 35	2.47%	6.00%	5.10%	
EF-31 Materials				4	2	2	3	5	2	3	1	1	1	1	3	2	3	3	4	4	3	D1	5	AR	AR	- 7	1.35%	14.96%	4.24%	
	iShares Silver Trust	SLV	73.63	40,029	1	3	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	5	AR	AR	- 11	6.59%	19.68%	-9.12%
	Sprott Physical Gold and Silver Trust U	CEF	50.70	9,820	6	9	6	8	14	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	1	AR	AR	- 11	4.49%	14.40%	-1.65%
	State Street Materials Select Sector SF	XLB	51.88	7,618	6	3	4	3	12	9	9	7	8	7	9	9	8	12	11	13	12	16	U3	1	AR	AR	- 17	-0.15%	10.92%	7.05%
	State Street SPDR S&P Metals & Minir	XME	117.60	5,010	7	9	6	11	27	11	12	7	8	6	4	3	3	3	3	4	3	3	D1	1	AF	AR	- 44	3.56%	15.67%	-5.21%
	Vanguard Materials ETF	VAW	236.06	3,132	7	4	4	4	14	10	10	7	8	7	9	9	7	10	10	12	11	14	U3	1	AR	AR	- 41	-0.06%	12.09%	5.34%
	iShares U.S. Basic Materials ETF	IYM	184.66	1,570	2	1	2	3	3	6	6	4	5	5	7	7	5	7	8	9	8	12	U3	1	AR	AR	- 42	-0.43%	13.05%	9.26%
	Sprott Gold Miners ETF	SGDM	82.88	762	2	1	2	11	27	2	1	1	1	1	1	1	1	1	1	1	1	1	D1	4	AR	AR	- 6	0.39%	24.27%	5.70%
	Fidelity MSCI Materials Index ETF	FMAT	60.44	577	7	4	4	4	14	10	10	7	8	7	9	9	7	9	9	12	11	14	D1	5	AR	AR	- 41	-0.03%	12.13%	5.24%
	First Trust Materials AlphaDEX Fund	FXZ	79.56	382	1	1	1	2	8	5	6	5	5	5	5	6	5	6	6	8	7	10	U3	1	AR	AR	- 39	-0.08%	14.74%	10.52%
	Invesco S&P 500 Equal Weight Materir	RSPM	39.82	184	4	2	2	2	9	7	7	6	6	5	7	7	7	9	9	11	10	14	U3	1	AR	AR	- 20	0.25%	10.56%	8.41%
	Invesco Dorsey Wright Basic Materials	PYZ	126.18	101	7	4	4	6	27	12	10	6	7	7	7	7	4	5	6	8	7	9	D1	4	AF	AR	- 42	0.44%	15.30%	0.59%
	Invesco S&P SmallCap Materials ETF	PSCM	103.46	21	1	1	1	2	8	7	7	5	4	3	4	6	5	5	5	7	6	7	U3	2	AR	AR	- 39	1.25%	16.57%	10.18%
EF-32 Manufacturing				9	9	13	15	7	9	6	6	4	6	5	8	7	6	7	8	10	9	D1	2	AR	AR	- 7	2.94%	9.69%	1.59%	
	State Street Industrial Select Sector SF	XLI	173.51	30,560	11	6	10	11	11	11	10	10	10	11	12	12	13	12	13	13	13	15	D1	4	AR	AR	- 47	1.16%	7.63%	4.25%
	iShares U.S. Aerospace & Defense ET	ITA	231.94	14,183	20	15	17	18	4	10	7	10	9	12	13	8	8	5	7	8	8	11	D1	5	AF	AR	- 124	1.00%	4.21%	-4.79%
	Invesco Aerospace & Defense ETF	PPA	176.59	8,441	15	8	6	7	8	8	6	9	9	11	11	7	7	5	7	9	10	13	D1	4	AR	AR	- 51	1.28%	4.40%	-2.31%
	Vanguard Industrials ETF	VIS	337.72	7,688	10	6	10	12	12	12	11	10	10	11	11	12	12	10	13	12	12	14	D1	4	AR	AR	- 46	1.78%	8.81%	4.35%
	State Street SPDR S&P Aerospace & I	XAR	276.38	6,281	11	12	10	15	10	9	6	8	8	11	9	6	5	4	4	7	7	11	D1	4	AR	AR	- 50	3.20%	6.81%	-5.55%
	ARK Autonomous Technology & Robot	ARKQ	129.82	2,116	6	22	27	27	24	19	18	18	13	15	13	4	3	1	1	4	4	4	D2	5	AR	AR	- 11	8.93%	13.22%	-3.16%
	Fidelity MSCI Industrial Index ETF	FIDU	93.57	2,035	8	6	10	11	4	12	11	10	10	10	11	11	11	12	10	13	12	15	D1	5	AR	AR	- 46	1.63%	8.76%	4.40%
	iShares U.S. Industrials ETF	IYJ	158.82	1,993	18	16	23	23	22	21	15	14	15	16	15	14	16	14	13	13	12	14	D1	1	AF	AR	- 45	2.37%	8.73%	1.74%
	First Trust Nasdaq Transportation ETF	FTXR	41.52	934	12	17	20	20	25	26	16	10	8	9	7	9	8	8	6	6	5	6	D1	1	AF	AR	- 39	4.85%	12.60%	3.18%



		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-32	Manufacturing																												
	First Trust Industrials/Producer Durable FXR	88.45	708	14	13	19	20	24	19	14	11	10	11	9	12	10	9	10	12	12	14	D1	1	AF	AR	- 40	3.18%	11.41%	1.30%
	Invesco Dorsey Wright Industrials Morr PRN	223.11	382	1	1	4	4	3	6	7	4	1	2	4	4	4	2	8	9	18	8	U3	2	AR	AR	+ 1	2.68%	15.77%	12.85%
	Invesco S&P SmallCap Industrials ETF PSCI	170.36	170	7	7	14	17	25	24	16	12	9	9	7	9	9	8	10	12	9	12	D1	1	AF	AR	- 41	3.19%	14.02%	2.93%
EF-33	Real Estate			14	16	16	22	21	11	10	16	17	17	22	17	18	16	18	17	17	17	D1	1	AR	AR	+ 1	3.65%	10.24%	4.51%
	Vanguard Real Estate ETF VNQ	96.68	37,222	13	15	17	22	21	13	15	18	19	19	24	19	21	19	22	20	19	22	D1	1	AR	AR	- 40	3.98%	10.10%	5.50%
	Schwab U.S. REIT ETF SCHH	23.43	9,948	7	11	10	16	14	11	12	14	17	16	22	19	21	19	22	19	18	22	U3	1	AR	AR	- 40	3.58%	10.33%	7.76%
	State Street Real Estate Select Sector XLRE	44.48	7,973	11	14	14	22	21	13	14	18	18	18	24	19	21	20	24	20	20	23	U3	1	AR	AR	- 11	3.88%	10.32%	6.09%
	iShares Global REIT ETF REET	27.43	4,829	11	14	16	20	18	13	15	15	17	16	20	17	20	19	19	17	16	20	D1	1	AR	AR	- 45	3.78%	9.90%	6.51%
	iShares U.S. Real Estate ETF IYR	102.98	4,073	14	16	17	22	22	13	15	18	19	19	24	19	21	19	23	20	19	22	D1	1	AR	AR	- 14	4.00%	10.20%	5.04%
	iShares Core U.S. REIT ETF USRT	64.48	3,769	7	9	9	13	7	10	12	14	17	16	19	18	20	18	20	18	17	20	U3	1	AR	AR	- 39	3.75%	10.20%	8.51%
	iShares Select U.S. REIT ETF ICF	67.55	2,114	7	8	8	15	10	10	11	14	17	15	23	19	21	19	23	20	19	23	U3	1	AR	AR	- 13	3.57%	10.38%	8.78%
	State Street SPDR Dow Jones REIT E RWR	109.72	1,822	7	12	10	15	13	11	12	14	17	16	19	18	20	17	19	17	15	19	U3	1	AR	AR	- 35	3.67%	10.14%	7.61%
	Fidelity MSCI Real Estate Index ETF FREL	29.35	1,457	14	16	17	22	21	13	15	18	19	19	24	19	21	19	22	20	19	22	D1	1	AR	AR	- 40	3.97%	10.09%	5.17%
	iShares Residential and Multisector Re REZ	89.29	844	18	18	17	21	20	7	8	16	17	16	23	27	27	22	28	29	29	27	D1	1	AR	AR	+ 1	2.56%	7.90%	3.33%
	iShares Mortgage Real Estate ETF REM	22.95	581	20	19	24	27	28	27	24	23	23	21	22	15	12	9	13	11	12	13	D3	1	AR	AR	- 39	3.01%	12.22%	-3.77%
	VanEck Mortgage REIT Income ETF MORT	10.57	409	20	20	25	27	28	27	25	23	23	22	23	15	12	9	13	11	12	14	D3	1	AR	AR	- 39	3.02%	11.88%	-4.09%
	Invesco KBW Premium Yield Equity RE KBWY	16.83	278	7	12	18	20	14	16	14	18	18	19	18	15	15	13	15	16	17	18	D1	2	AR	AR	- 32	4.18%	10.58%	4.14%
	First Trust S&P REIT Index Fund FRI	30.86	171	7	10	8	12	12	10	12	14	17	16	19	18	20	18	20	18	17	20	U3	1	AR	AR	- 39	3.70%	9.91%	8.47%
	Invesco S&P 500 Equal Weight Real E RSPR	35.97	99	16	19	22	26	27	20	18	22	22	21	25	20	21	21	24	22	21	24	D1	1	AR	AR	- 9	4.31%	10.06%	3.47%
	Invesco Active U.S. Real Estate Fund PSR	101.06	52	7	11	11	16	13	11	12	14	17	16	23	19	21	19	22	19	19	22	U3	1	AR	AR	- 43	3.70%	9.98%	7.81%
	Nuveen Short-Term REIT ETF NURE	29.47	32	18	18	22	25	27	24	15	21	22	21	24	20	20	19	21	19	19	22	D1	1	AR	AR	- 10	2.95%	9.78%	2.11%
	US Diversified Real Estate ETF PPTY	32.52	24	15	18	21	22	23	18	18	21	22	22	23	19	21	19	20	19	18	21	D1	1	AR	AR	+ 1	4.06%	10.22%	4.89%
	EF-34	Technology			5	19	26	27	25	26	27	27	27	27	25	15	14	13	11	11	11	10	U2	1	AR	AR	+ 1	8.86%	14.84%
Vanguard Information Technology ETF VGT		805.58	121,227	10	26	28	28	27	28	28	29	29	28	28	19	20	19	16	13	10	13	U1	1	AR	AR	- 43	8.38%	14.36%	6.25%
State Street Technology Select Sector XLK		154.35	98,601	8	23	28	28	27	27	28	29	28	28	28	18	18	18	14	12	9	12	U1	1	AR	AR	- 44	8.22%	14.23%	6.13%
VanEck Semiconductor ETF SMH		464.16	52,910	1	1	5	6	3	4	7	4	2	2	3	1	2	1	1	1	1	2	U3	1	AR	AR	+ 1	6.24%	20.64%	15.93%
iShares Semiconductor ETF SOXX		415.71	27,645	1	1	4	4	3	8	12	6	5	5	5	4	4	4	4	5	5	6	U3	2	AR	AR	- 42	7.53%	25.02%	21.46%
iShares U.S. Technology ETF IYW		210.07	20,534	14	27	28	29	28	28	28	29	29	29	28	19	19	19	15	12	9	12	U1	1	AR	AR	- 44	8.13%	13.87%	5.13%
Fidelity MSCI Information Technology I IFTC		240.29	17,445	10	26	28	28	27	28	28	29	28	28	28	19	20	19	16	12	10	13	U1	1	AR	AR	- 43	8.40%	14.39%	6.30%
iShares Expanded Tech-Software Sect IGV		85.08	12,281	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	19	AR	BF	+ 1	13.94%	2.52%	-13.46%
First Trust NASDAQ Cybersecurity ETF CIBR		66.48	10,102	30	30	30	30	29	28	30	30	30	30	30	27	26	26	25	24	20	22	D3	13	AF	BF	+ 13	9.45%	4.01%	-7.39%
iShares Expanded Tech Sector ETF IGM		138.50	9,210	7	24	28	29	27	28	28	29	29	28	28	18	19	18	14	12	9	11	U1	1	AR	AR	- 44	8.46%	14.87%	6.14%
First Trust Dow Jones Internet Index F FDN		262.83	5,073	25	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	29	29	D3	19	AR	BF	+ 1	8.20%	10.54%	0.46%
Invesco S&P 500 Equal Weight Techn RSP		51.41	4,476	4	15	14	22	13	19	26	22	22	19	20	14	14	14	12	11	8	11	U3	1	AR	AR	- 43	7.98%	12.47%	9.06%
First Trust NASDAQ Technology Divid TDIV		104.52	3,967	13	27	27	26	27	27	27	25	25	23	25	18	20	19	15	15	13	15	D3	4	AR	AR	- 45	8.18%	11.61%	5.50%
First Trust NASDAQ-100 Technology S QTEC		248.68	2,922	10	27	28	28	27	28	28	29	28	28	29	22	18	20	15	19	19	16	U1	1	AR	AR	+ 1	9.86%	12.89%	4.94%
State Street SPDR S&P Semiconducto XSD		414.67	2,063	1	4	18	26	26	26	28	18	15	12	12	11	8	7	7	7	8	9	U3	1	AR	AR	- 42	11.81%	28.61%	16.72%
First Trust Nasdaq Semiconductor ETF FTXL		188.55	1,951	1	1	1	2	4	5	8	4	3	3	3	3	3	3	3	3	3	4	U3	2	AR	AR	- 42	8.18%	26.34%	26.86%
Invesco Semiconductors ETF PSI		120.04	1,721	1	1	1	2	4	5	8	4	3	2	3	3	4	3	3	4	4	5	U3	2	AR	AR	- 41	8.69%	26.83%	29.72%
State Street SPDR NYSE Technology I XNTK		298.75	1,709	8	22	28	29	27	28	28	29	28	28	28	15	14	14	11	9	7	10	U1	1	AR	AR	- 46	8.07%	14.63%	5.00%
First Trust Technology AlphaDEX Fund FXL		181.11	1,459	11	27	27	27	27	28	28	29	28	28	27	27	20	19	18	22	22	18	U1	1	AR	AR	+ 1	8.94%	13.00%	3.70%
iShares U.S. Tech Independence Focu IETC		100.85	777	23	30	30	30	29	28	28	30	30	30	30	24	24	23	18	18	12	15	D3	11	AR	AR	+ 9	9.70%	12.12%	-0.36%
Invesco NASDAQ Internet ETF PNQI	49.57	576	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	29	29	27	D3	16	AR	BF	+ 1	9.20%	9.74%	-5.27%	
First Trust Indxx NextG ETF NXTG	128.01	474	1	4	6	10	11	11	13	11	13	12	14	11	12	13	13	10	10	13	U3	1	AR	AR	- 48	5.72%	15.57%	14.99%	

		Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-34 Technology	State Street SPDR S&P Software & Se	XSW	153.67	429	30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	29	29	D3	17	AF	BF	- 25	13.02%	4.27%	-14.97%	
	Invesco S&P SmallCap Information Te	PSCT	70.36	410	1	4	5	5	4	9	16	11	10	6	6	6	3	1	3	4	4	3	U3	2	AR	AR	+ 1	8.86%	18.66%	13.38%
	iShares U.S. Digital Infrastructure and	IDGT	115.58	220	1	1	1	3	2	5	8	11	12	11	24	18	21	20	23	18	17	19	U3	11	AR	AR	- 43	7.30%	19.97%	31.21%
	Invesco Next Gen Connectivity ETF	KNCT	161.02	124	1	4	6	8	8	10	12	11	13	12	14	9	12	11	10	8	8	11	U3	1	AR	AR	- 46	6.81%	14.10%	15.66%
	State Street SPDR S&P Kensho Futur	FITE	94.77	119	11	22	14	25	15	16	15	25	23	22	21	11	7	7	7	11	10	13	U3	1	AR	AR	- 46	6.91%	8.73%	-2.11%
	State Street SPDR FactSet Innovative	XITK	169.68	63	26	30	30	30	30	30	30	30	30	30	30	30	29	30	28	30	30	30	U1	1	AR	BF	+ 1	13.42%	13.29%	-4.04%
	State Street SPDR S&P Kensho Smart	HAIL	37.67	20	7	22	27	28	28	28	28	27	25	25	24	19	12	12	11	14	15	15	U1	1	AR	AR	- 43	8.55%	18.05%	2.65%
	EF-35 Transportation				1	6	10	19	23	26	16	6	5	6	3	11	9	8	7	8	9	9	U3	1	AR	AR	+ 1	8.51%	20.23%	10.48%
iShares US Transportation ETF		IYT	81.87	1,822	7	17	17	22	20	26	16	12	12	15	11	14	14	13	10	11	10	12	D1	1	AF	AR	- 40	5.82%	12.03%	5.61%
State Street SPDR S&P Transportation		XTN	113.47	224	1	3	5	13	25	27	17	9	8	9	5	9	8	7	7	8	7	9	U3	1	AR	AR	- 39	11.21%	28.85%	15.61%
EF-36 Utilities				21	13	9	8	18	8	12	15	18	18	27	19	21	20	22	17	18	18	U3	1	AR	AR	+ 2	-0.45%	5.83%	4.61%	
	State Street Utilities Select Sector SPD	XLU	46.16	24,876	20	8	5	4	12	9	11	13	18	16	28	21	24	23	24	18	18	21	U3	10	BR	AR	- 110	-1.70%	4.10%	7.13%
	Vanguard Utilities ETF	VPU	199.70	8,845	21	10	6	4	12	9	12	14	18	17	28	20	24	22	23	18	18	21	U3	10	AR	AR	- 110	-1.57%	4.29%	6.49%
	Fidelity MSCI Utilities Index ETF	FUTY	59.59	2,366	21	10	6	4	6	9	12	14	18	17	28	20	24	22	23	18	18	21	U3	10	AR	AR	- 110	-1.54%	4.34%	6.47%
	Invesco Water Resources ETF	PHO	69.50	2,060	30	28	29	28	28	28	28	25	25	28	24	20	20	19	20	20	18	21	D3	5	AF	BF	+ 5	0.12%	5.71%	-6.35%
	First Trust Water ETF	FIW	107.80	1,843	30	28	29	28	28	28	28	25	25	28	24	20	19	19	18	21	19	21	D3	5	AF	BF	+ 5	0.85%	6.16%	-6.70%
	iShares U.S. Utilities ETF	IDU	116.57	1,702	22	11	5	4	5	9	11	13	18	17	28	21	24	23	24	18	18	22	U3	10	BR	AR	- 119	-1.66%	3.55%	6.44%
	Virtus Reaves Utilities ETF	UTES	83.41	1,497	23	20	20	15	27	17	24	18	23	23	30	25	27	25	26	19	20	23	U3	1	AR	AR	- 8	1.62%	8.28%	5.29%
	First Trust Utilities AlphaDEX Fund	FXU	49.77	898	18	5	4	3	9	7	9	12	15	13	23	17	21	19	22	16	16	19	U3	12	BR	AR	- 120	-2.43%	3.94%	7.54%
	Invesco S&P 500 Equal Weight Utilities	RSPU	81.84	581	18	6	4	4	10	8	10	12	17	15	25	19	24	21	23	17	18	21	U3	11	AR	AR	- 120	-1.55%	4.37%	7.50%
	Invesco Dorsey Wright Utilities Momen	PUI	47.92	80	19	8	6	4	12	10	14	16	18	17	27	20	24	24	25	19	20	22	U3	4	AR	AR	- 119	-0.94%	5.26%	8.04%
	Invesco S&P SmallCap Utilities & Com	PSCU	65.85	16	4	5	4	6	14	14	15	25	25	24	28	17	19	19	19	17	15	18	U3	12	AR	AR	- 30	3.90%	14.14%	11.91%
GLOBAL/INTL																														
EF-37 Global Index (Intl)				11	12	15	19	19	14	15	12	13	14	14	11	11	12	11	9	9	10	D1	1	AR	AR	+ 1	3.22%	10.58%	5.55%	
	Vanguard FTSE Developed Markets E`	VEA	69.63	223,345	7	6	9	15	14	13	13	9	10	11	12	9	10	11	10	9	8	11	D1	5	AR	AR	- 60	2.79%	12.23%	7.07%
	iShares MSCI EAFE ETF	EFA	104.32	76,988	15	12	14	22	24	17	16	9	9	8	12	10	13	11	11	11	11	13	D1	1	AR	AR	+ 1	2.09%	11.46%	4.81%
	Vanguard Total World Stock ETF	VT	150.84	70,137	15	17	23	25	24	24	22	18	18	19	18	14	15	15	13	11	10	13	D1	1	AR	AR	- 46	4.04%	10.65%	4.32%
	iShares Core MSCI Total International	IXUS	94.25	56,927	7	8	13	19	20	14	14	8	7	7	10	7	9	10	9	8	10	10	D1	2	AR	AR	+ 1	3.20%	12.47%	6.85%
	iShares MSCI ACWI ETF	ACWI	150.90	31,206	16	18	25	26	25	24	24	18	18	19	18	16	17	17	16	13	13	13	D1	1	AR	AR	+ 1	4.04%	10.52%	4.07%
	iShares Global 100 ETF	IOO	133.34	8,340	16	19	27	27	27	26	26	23	22	23	18	16	19	16	12	6	6	6	D3	3	AR	AR	+ 1	4.58%	11.48%	3.93%
	iShares MSCI World ETF	URTH	195.79	8,047	18	19	25	26	26	25	24	22	21	21	20	18	19	19	17	14	14	14	D2	5	AR	AR	+ 1	3.93%	9.99%	3.48%
	Franklin U.S. Equity Index ETF	USPX	62.06	1,803	19	25	27	27	27	26	27	25	25	27	24	16	18	18	15	12	10	13	D3	3	AR	AR	- 44	4.64%	9.44%	2.66%
	State Street SPDR Portfolio MSCI Glob	SPGM	82.55	1,560	15	17	22	25	24	22	21	17	17	18	18	16	15	15	15	13	12	11	D1	1	AR	AR	+ 1	3.89%	10.82%	4.59%
	Cambria Shareholder Yield ETF	SYLD	78.00	940	8	6	4	4	4	11	12	14	14	12	12	13	13	13	12	13	12	14	U3	1	AR	AR	- 38	1.87%	7.62%	6.68%
	Cambria Global Value ETF	GVAL	36.27	590	4	3	5	5	6	13	13	9	8	8	7	5	7	8	9	8	7	10	U3	1	AR	AR	- 62	2.28%	14.24%	9.30%
	State Street SPDR Global Dow ETF	DGT	180.03	581	15	12	10	15	16	13	15	13	15	14	14	12	13	14	13	10	9	11	D1	4	AR	AR	- 125	2.28%	9.10%	5.64%
	Davis Select Worldwide ETF	DWLD	46.93	571	23	26	27	27	27	27	26	22	22	23	19	16	16	17	8	5	4	6	D3	2	AF	AR	- 13	3.62%	9.22%	0.62%
	iShares Currency Hedged MSCI ACWI	HAWX	43.96	336	7	7	8	11	14	8	12	8	7	11	10	8	9	7	7	5	6	7	U3	1	AR	AR	+ 1	2.72%	11.09%	6.20%
	State Street Global Allocation ETF	GAL	52.30	305	18	17	18	18	18	17	18	19	19	19	19	15	16	17	15	13	12	14	D1	1	AR	AR	- 49	2.55%	7.12%	3.74%
	Xtrackers MSCI All World ex US Hedge	DBAW	45.83	247	7	7	8	11	10	8	10	8	8	10	10	9	9	7	8	5	6	7	U3	1	AR	AR	+ 1	2.59%	10.74%	6.00%
First Trust Developed Markets ex-US S	FDTS	70.46	14	1	2	4	3	6	7	6	4	4	4	7	6	7	9	9	8	8	10	D1	4	AR	AR	- 60	3.63%	11.50%	13.95%	
EF-38 Ex-US (Intl)				10	8	11	18	19	13	11	7	7	7	8	9	9	11	10	8	9	10	D1	2	AR	AR	- 7	2.46%	11.41%	5.78%	
	iShares Core MSCI EAFE ETF	IEFA	97.49	183,652	13	11	14	22	24	17	16	9	8	8	12	9	11	12	11	12	12	14	D1	1	AR	AR	+ 1	2.28%	11.76%	5.11%

		Relative Strength Ranking - RSR																				% Price Δ							
		Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
Group or Corp	Ticker			17	10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26								
EF-38	Ex-US (Intl)																												
	Vanguard Total International Stock ETF VXUS	83.75	146,162	7	7	13	18	18	14	15	11	12	12	14	10	10	12	11	9	9	12	D1	2	AR	AR	- 61	3.05%	12.10%	6.61%
	Vanguard FTSE All-World ex-US Index VEU	81.63	64,541	7	7	12	18	17	14	15	11	12	12	13	10	10	12	11	9	9	12	D1	2	AR	AR	- 61	3.06%	12.04%	6.55%
	Schwab International Equity ETF SCHF	26.88	63,716	7	6	9	15	15	10	8	6	7	6	8	6	7	8	8	5	7	7	D1	2	AR	AR	+ 1	2.79%	12.09%	7.09%
	State Street SPDR Portfolio Developed SPDW	49.53	39,540	7	6	10	15	15	10	8	6	7	6	8	6	8	8	8	6	7	8	D1	2	AR	AR	+ 1	2.78%	11.98%	7.02%
	Schwab Fundamental International Equi FNDF	51.99	23,162	5	4	4	4	4	4	4	2	3	2	4	3	4	5	6	4	4	5	U3	1	AR	AR	- 6	1.58%	10.22%	10.12%
	Vanguard FTSE All-World ex-US Small VSS	160.24	11,674	7	10	15	19	20	14	10	7	7	8	12	6	7	11	14	13	13	15	D1	2	AR	AR	+ 1	4.08%	13.04%	7.35%
	iShares MSCI ACWI ex U.S. ETF ACWX	74.47	11,260	7	8	14	19	20	14	14	7	7	7	9	7	9	9	9	6	8	8	D1	2	AR	AR	+ 1	3.02%	12.20%	6.55%
	Xtrackers MSCI EAFE Hedged Equity I DBEF	52.40	8,822	15	9	8	15	18	10	14	10	10	12	13	14	14	8	8	7	8	10	U3	1	AR	AR	+ 1	1.59%	10.22%	4.09%
	iShares Currency Hedged MSCI EAFE HEFA	45.05	7,250	15	10	7	15	18	9	14	10	10	12	13	14	14	8	8	6	8	10	U3	1	AR	AR	+ 1	1.64%	10.19%	4.27%
	Goldman Sachs ActiveBeta Internationa GSIE	46.28	5,702	13	11	12	19	22	17	16	12	14	13	15	12	13	14	13	10	9	12	D1	2	AR	AR	- 61	2.37%	11.28%	5.30%
	iShares International Equity Factor ETF INTF	41.70	3,449	7	6	6	12	14	10	10	7	7	6	8	6	9	9	8	5	6	7	D1	5	AR	AR	+ 1	1.98%	11.20%	6.76%
	State Street SPDR MSCI ACWI ex-US CWI	39.69	2,703	9	9	14	20	20	14	14	8	7	7	10	8	9	10	9	5	8	8	D1	2	AR	AR	+ 1	2.82%	11.77%	6.29%
	Franklin International Core Dividend Til DIVI	42.81	2,483	8	6	9	15	15	14	15	11	12	11	13	10	11	12	11	9	8	12	D1	2	AR	AR	- 60	2.07%	11.43%	6.46%
	Pacer Developed Markets International ICOW	44.15	1,742	6	4	4	3	3	4	3	6	8	9	11	9	9	11	10	8	8	10	U3	1	AR	AR	- 59	0.66%	7.30%	10.17%
	NYLI FTSE International Equity Current HFXI	36.27	1,552	7	6	6	11	8	12	13	9	10	11	12	9	10	10	10	8	8	11	D1	5	AR	AR	- 62	2.43%	11.50%	6.83%
	WisdomTree Dynamic International Equi DDWM	46.45	1,368	17	12	12	17	21	15	15	12	14	15	15	12	13	13	12	10	10	12	D1	2	AR	AR	- 125	0.98%	9.12%	3.15%
	John Hancock Multifactor Developed Ir JHMD	45.41	1,276	11	6	10	16	20	14	13	8	7	6	8	6	11	10	10	9	7	15	D1	2	AR	AR	+ 1	1.75%	11.35%	6.01%
	State Street SPDR S&P International S GWX	46.04	921	6	7	10	13	12	10	7	5	7	6	8	5	6	10	12	12	11	13	D1	5	AR	AR	- 6	3.95%	11.75%	7.90%
	WisdomTree International Equity Fund DWM	74.57	686	14	8	10	17	20	16	15	12	13	13	14	12	13	14	13	11	10	13	D1	2	AR	AR	- 60	1.67%	10.44%	5.34%
	FlexShares Morningstar Developed Ma TLTD	100.61	644	11	8	10	17	20	15	14	10	11	11	13	9	10	11	10	8	8	11	D1	2	AR	AR	- 61	1.96%	11.31%	4.88%
	Invesco International BuyBack Achieve IPKW	58.79	541	15	8	6	11	13	13	15	12	13	13	12	9	11	12	11	8	7	10	D1	4	AR	AR	- 63	1.49%	8.42%	4.33%
	WisdomTree Dynamic International Smr DDLS	45.77	467	17	13	14	21	22	19	14	12	14	14	15	13	13	14	13	12	12	13	D1	1	AR	AR	- 123	1.72%	9.43%	2.99%
	Vident International Equity Strategy ET VIDI	38.84	435	4	4	4	4	4	10	10	7	7	8	9	6	7	9	9	8	7	10	U3	1	AR	AR	- 123	2.70%	11.26%	10.00%
	Invesco RAFI Developed Markets ex-U PDN	46.78	393	7	6	7	12	15	13	13	10	11	11	13	10	10	13	12	11	10	13	D1	4	AR	AR	- 59	2.73%	11.68%	7.04%
Davis Select International ETF DINT	29.12	285	21	25	27	27	28	28	28	20	19	20	18	13	11	12	8	4	6	16	D3	1	AF	AR	- 10	4.06%	12.13%	0.04%	
iShares Currency Hedged MSCI EAFE HSCZ	42.66	213	11	10	10	15	19	11	8	10	10	12	13	13	10	8	8	11	9	13	D1	2	AR	AR	+ 1	2.42%	11.07%	4.52%	
VanEck Morningstar International Moat MOTI	36.90	199	27	29	29	29	29	28	28	23	22	21	21	17	14	16	15	19	19	20	D3	3	AF	AR	- 9	5.16%	9.40%	-3.92%	
First Trust International Equity Opportu FPXI	71.09	185	2	3	14	22	22	17	15	11	11	11	15	12	10	15	13	13	12	15	U3	1	AR	AR	- 48	4.28%	18.59%	13.26%	
First Trust Riverfront Dynamic Develop RFDI	87.16	154	12	6	7	12	14	13	15	12	12	12	12	9	11	13	12	8	8	11	D1	4	AR	AR	- 60	1.32%	9.63%	5.75%	
AdvisorShares Dorsey Wright ADR ETI AADR	88.04	47	26	25	28	28	29	28	27	14	13	13	15	11	8	10	12	11	10	14	D2	4	AF	AR	- 126	1.41%	11.63%	-4.68%	
Renaissance International IPO ETF IPOS	21.12	10	1	1	6	18	5	7	3	5	3	2	8	3	3	6	5	16	19	12	U3	1	AR	AR	+ 1	2.93%	17.49%	14.11%	
EF-39	Dividend (Intl)			14	8	6	10	8	10	8	10	9	9	10	10	12	13	12	9	9	10	D1	5	AR	AR	- 7	1.65%	8.64%	6.00%
	Vanguard International High Dividend Y YIMI	100.05	19,156	6	4	5	5	4	11	11	9	9	9	10	8	10	12	11	8	8	10	U3	1	AR	AR	- 62	1.67%	10.42%	8.81%
	Fidelity High Dividend ETF FDVV	59.18	9,155	19	20	24	25	25	23	20	20	18	19	18	15	18	18	16	12	12	14	D2	4	AR	AR	- 44	3.41%	9.13%	3.45%
	Vanguard International Dividend Apprec VIGI	93.80	8,934	23	23	25	26	27	27	26	18	19	18	21	17	18	18	15	14	13	15	D2	5	AR	AR	- 51	2.94%	9.57%	0.91%
	Franklin International Low Volatility Hi LVHI	40.89	4,755	10	4	2	3	3	3	3	8	9	10	10	10	12	11	11	8	8	10	U3	49	AR	AR	- 176	-0.70%	5.12%	8.03%
	Pacer Global Cash Cows Dividend ETF GCOW	45.91	3,312	11	4	2	2	2	2	3	7	9	8	9	8	11	14	13	9	9	12	U3	49	AR	AR	- 60	-1.01%	2.34%	9.48%
	Xtrackers MSCI EAFE High Dividend Y HDEF	33.24	2,318	16	7	5	5	4	11	13	11	13	12	14	12	16	18	16	11	10	13	D1	4	AR	AR	- 60	0.18%	6.25%	7.15%
	WisdomTree International Hedged Que IHDG	51.49	2,304	18	15	17	23	27	19	20	15	15	17	15	13	13	11	10	10	10	12	D1	1	AR	AR	- 43	2.00%	10.80%	1.10%
	First Trust Dow Jones Global Select Div FGD	33.30	1,357	10	6	5	5	10	11	11	9	8	9	11	9	12	13	12	8	8	10	D1	4	AR	AR	- 60	1.99%	7.94%	8.36%
	Global X Superdividend ETF SDIV	26.14	1,282	10	6	11	11	12	12	10	12	14	13	13	10	10	12	13	12	12	14	U3	1	AR	AR	- 47	1.28%	8.74%	5.75%
	iShares International Dividend Growth IIGRO	88.65	1,250	16	13	12	18	20	16	16	12	14	13	15	13	14	14	13	11	11	13	D1	2	AR	AR	- 58	2.00%	9.66%	4.23%
	FlexShares International Quality Divide IQDF	33.89	1,115	7	6	6	7	5	12	12	10	10	10	11	8	9	10	10	8	8	11	D1	5	AR	AR	- 60	2.23%	10.57%	6.84%
	WisdomTree International SmallCap Div DLS	87.89	1,081	12	10	14	19	20	17	13	12	13	12	15	12	12	14	13	12	12	14	D1	2	AR	AR	- 59	2.30%	10.58%	5.37%
	Invesco International Dividend Achieve PID	22.99	908	21	18	12	14	14	13	14	14	16	15	17	14	14	16	16	12	12	14	D1	4	AR	AR	- 59	1.59%	5.51%	2.88%

		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-39	Dividend (Intl)																												
	WisdomTree International Quality Divid IQDG	43.66	744	18	16	24	26	27	26	24	14	15	15	15	12	12	13	12	10	10	13	D1	1	AF	AR	- 49	2.46%	12.20%	1.86%
	Fidelity Dividend ETF for Rising Rates FDRR	63.21	686	19	20	25	25	25	24	24	23	20	21	18	14	17	17	13	10	9	12	D2	5	AR	AR	- 43	3.56%	9.07%	3.35%
	Cambria Foreign Shareholder Yield ET FYLD	37.98	625	4	2	2	2	2	7	6	6	7	7	8	7	9	12	12	9	9	12	U3	50	AR	AR	- 57	-0.45%	5.41%	12.63%
	ALPS International Sector Dividend Do IDOG	43.36	538	6	3	3	3	3	9	10	9	10	11	11	9	11	14	12	8	8	10	U3	2	AR	AR	- 60	0.44%	8.83%	11.99%
	Fidelity International High Dividend ETF FIDI	28.42	313	8	4	4	4	3	10	11	9	11	10	12	10	12	13	12	8	8	11	U3	1	AR	AR	- 59	-0.07%	6.94%	8.01%
	State Street SPDR S&P Global Dividen WDIV	80.40	259	18	12	11	9	13	14	13	12	13	12	14	12	14	15	14	11	10	14	D1	4	AF	AR	- 58	1.21%	7.04%	4.80%
	Global X SuperDividend REIT ETF SRET	22.79	236	17	18	23	25	26	16	15	18	19	18	18	15	14	13	15	12	13	14	D1	1	AR	AR	- 59	3.45%	10.32%	1.39%
	First Trust S&P International Dividend / FID	21.73	159	19	13	12	11	13	14	13	12	13	12	14	11	14	15	14	11	10	13	D1	4	AF	AR	- 58	0.66%	6.12%	3.86%
	Franklin U.S. Core Dividend Tilt Index F UDIV	56.40	116	15	18	25	25	24	24	25	23	22	23	20	15	17	17	15	13	11	13	D1	1	AR	AR	- 44	4.67%	9.86%	4.53%
	FlexShares International Quality Divide IQDY	41.33	103	5	5	6	7	7	13	14	10	10	10	10	7	8	9	9	8	7	10	U3	1	AR	AR	- 61	3.21%	13.20%	8.07%
	First Trust Dorsey Wright Momentum & DDIV	43.89	68	15	16	21	25	27	27	26	20	17	17	15	13	14	12	11	9	8	11	D1	1	AR	AR	- 40	3.41%	11.50%	1.68%
	ProShares MSCI EAFE Dividend Grow EFAD	43.80	64	20	20	24	26	27	26	26	19	22	22	24	19	20	21	18	17	16	19	D2	4	AR	AR	- 56	3.56%	10.61%	3.80%
	WisdomTree International AI Enhancer AIVI	57.62	63	7	4	5	6	12	12	13	9	9	9	11	10	12	14	13	10	9	12	D1	4	AR	AR	- 59	1.01%	10.81%	8.73%
	Global X MSCI SuperDividend EAFE E EFAS	21.81	45	4	2	7	7	6	9	9	9	11	12	13	10	15	17	14	10	9	13	U3	20	AR	AR	- 60	0.00%	7.05%	12.81%
	Global X Renewable Energy Producers RNRG	37.92	31	7	3	4	4	3	5	4	8	7	6	7	4	5	8	8	5	8	15	U3	2	AR	AR	+ 1	-0.91%	6.50%	9.22%
EF-40	Thematic/Multi-Factor (Intl)			11	9	10	16	16	11	10	8	8	8	10	10	11	12	11	9	9	10	D1	2	AR	AR	+ 1	2.36%	10.55%	5.92%
	iShares MSCI EAFE Value ETF EFV	78.61	30,343	10	6	5	7	9	8	8	5	6	6	5	5	9	8	9	5	4	6	D1	5	AR	AR	- 7	1.13%	10.36%	7.01%
	iShares MSCI EAFE Growth ETF EFG	122.36	15,466	16	18	25	27	27	26	26	14	15	15	18	16	15	16	15	19	21	20	D2	5	AR	AR	+ 1	3.29%	12.71%	2.63%
	iShares MSCI EAFE Small-Cap ETF SCZ	85.19	14,687	10	11	16	22	24	19	11	8	8	8	12	10	10	13	14	13	15	18	D1	1	AR	AR	+ 1	2.87%	12.21%	5.39%
	iShares MSCI Intl Quality Factor ETF IQLT	49.68	13,041	12	11	13	20	22	15	16	10	12	13	15	12	13	12	14	13	14	16	D1	1	AR	AR	+ 1	2.35%	11.49%	5.14%
	Schwab International Small-Cap Equity SCHC	51.00	5,661	7	8	12	18	20	14	7	6	7	6	8	5	5	9	9	12	11	11	D1	2	AR	AR	- 6	3.76%	13.06%	7.08%
	iShares MSCI EAFE Min Vol Factor ET EFAV	93.32	5,478	17	8	5	5	4	7	8	10	12	11	15	17	21	23	23	20	19	20	U3	1	AR	AR	- 5	0.15%	5.16%	6.81%
	iShares MSCI Intl Value Factor ETF IVLU	42.13	4,032	7	6	5	6	7	8	7	4	4	3	4	3	5	5	6	4	4	4	D1	5	AR	AR	- 7	1.32%	10.93%	6.69%
	iShares MSCI Intl Momentum Factor E IMTM	52.81	3,919	8	6	14	24	26	21	18	9	8	11	12	7	9	8	9	9	11	10	D1	1	AR	AR	+ 1	2.29%	14.04%	5.05%
	iShares Future Exponential Technology XT	74.92	3,776	15	20	25	26	26	22	24	19	18	18	18	13	11	10	8	9	7	6	D2	5	AR	AR	+ 1	5.57%	11.44%	4.01%
	Invesco S&P International Developed I IDMO	60.13	3,614	7	6	12	22	26	18	15	12	13	15	15	11	12	12	12	8	8	10	D1	1	AR	AR	- 175	1.57%	14.07%	5.58%
	Schwab Fundamental International Sm FNDG	50.11	3,362	7	6	8	12	14	12	8	6	7	6	8	6	8	11	14	13	14	15	D1	5	AR	AR	+ 1	2.71%	11.68%	7.90%
	iShares MSCI Global Min Vol Factor E1ACVV	122.27	3,314	25	26	20	20	18	15	17	18	22	20	23	25	27	27	27	28	28	26	D2	4	AF	AR	- 6	1.91%	3.50%	2.10%
	First Trust Developed Markets ex-US A FDT	94.37	1,169	2	2	4	4	8	8	7	4	4	5	7	6	7	8	8	8	7	10	D1	4	AR	AR	- 62	2.22%	11.80%	11.83%
	State Street SPDR MSCI EAFE Strategie QEFA	98.09	1,094	16	11	8	15	15	11	13	8	9	8	12	10	14	14	15	13	12	15	D1	5	AR	AR	- 6	1.21%	8.74%	4.92%
	Invesco S&P International Developed I IDHQ	39.35	752	6	7	17	21	22	16	15	10	12	11	13	9	10	11	10	9	9	13	D1	1	AR	AR	- 59	3.80%	13.85%	6.88%
	iShares International SmallCap Equity I ISCF	45.43	645	11	12	15	22	22	17	10	9	10	11	12	7	8	10	13	13	14	16	D1	1	AR	AR	- 7	2.86%	11.90%	4.97%
	Fidelity International Value Factor ETF FIVA	37.18	539	7	6	6	11	10	12	12	9	8	9	9	7	8	9	8	7	6	8	D1	5	AR	AR	- 60	1.73%	11.29%	5.46%
	State Street SPDR MSCI EAFE Fossil I EFAX	54.04	508	16	14	22	26	27	25	21	11	12	12	14	13	14	13	13	13	12	15	D1	1	AR	AR	+ 1	2.62%	12.32%	3.58%
	PIMCO RAFI Dynamic Multi-Factor Inte MFDX	42.11	446	10	6	6	14	15	12	13	10	12	11	13	10	12	13	12	10	10	13	D1	4	AR	AR	- 60	1.15%	10.43%	6.45%
	Invesco S&P International Developed I IDLV	35.83	376	18	12	10	9	12	13	14	13	15	15	18	15	17	19	17	13	12	14	D1	4	AR	AR	- 60	0.94%	5.93%	5.68%
	JPMorgan Diversified Return Internatio JPIN	75.28	369	10	6	6	7	12	12	13	10	11	11	14	11	12	14	13	11	10	13	D1	4	AR	AR	- 58	1.86%	9.45%	7.85%
	VictoryShares International Value Mom UIVM	72.46	326	6	4	11	11	10	11	11	7	8	9	10	8	10	12	11	8	8	11	D1	4	AR	AR	- 60	1.59%	10.24%	9.24%
	Alpha Architect International Quantitati IVAL	35.62	212	6	4	4	10	10	10	10	6	8	7	8	9	10	13	12	9	8	11	D1	3	AR	AR	- 59	0.66%	9.76%	9.95%
	State Street SPDR MSCI World Strategie QWLW	150.65	188	20	18	18	21	20	16	16	16	17	17	17	17	19	20	19	17	16	18	D1	1	AR	AR	- 7	2.34%	6.93%	3.13%
	iShares Global Equity Factor ETF GLOF	56.86	185	15	17	21	24	22	20	20	18	17	18	18	16	19	19	17	15	14	16	D1	1	AR	AR	+ 1	3.95%	10.46%	5.65%
	ProShares DJ Brookfield Global Infrast TOLZ	60.10	173	15	4	3	3	6	7	7	9	12	10	16	14	18	20	21	15	15	19	U3	23	BR	AR	- 122	-2.35%	2.33%	9.67%
	Alpha Architect International Quantitati IMOM	44.35	151	4	3	6	12	4	6	3	1	2	2	4	3	3	1	1	4	4	4	D1	5	AR	AR	- 7	2.24%	13.36%	6.32%
	ProShares Online Retail ETF ONLN	61.30	70	15	28	30	30	29	28	28	29	30	30	30	20	16	15	12	14	12	14	U1	1	AR	AR	+ 6	9.57%	19.28%	-1.71%
	Affinity World Leaders Equity ETF WLDR	40.43	69	4	5	5	5	3	9	11	11	11	10	11	8	11	10	10	8	7	10	U3	1	AR	AR	- 46	3.43%	9.12%	9.20%





			Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	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	223.12	1,250	1	1	4	30	30	7	2	1	2	1	2	2	1	1	1	1	1	1	1	D1	1	AF	AR	- 60	1.76%	53.60%	-4.84%
	iShares MSCI Global Silver Miners ETF SLVP	39.91	1,074	2	3	3	15	27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	1	AF	AR	- 7	4.09%	26.46%	-3.11%
	Direxion Daily Junior Gold Miners Index JNUG	242.32	616	1	2	12	30	30	6	2	1	1	1	1	2	2	1	1	1	1	1	1	D2	4	AF	AR	- 61	6.50%	56.76%	-5.71%
	Sprott Junior Gold Miners ETF SGDJ	99.26	379	1	3	5	23	27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	1	AR	AR	- 7	5.69%	27.08%	5.45%
	iShares Global Materials ETF MXI	114.08	342	3	2	4	4	14	4	3	1	2	1	4	3	3	3	4	5	6	4	4	U3	1	AR	AR	- 6	1.39%	16.79%	9.87%
	U.S. Global GO GOLD and Precious Metals GOAU	48.68	215	6	6	5	25	30	5	1	1	1	1	2	2	1	1	1	1	1	1	1	D1	1	AR	AR	- 6	2.79%	25.76%	0.93%
	VanEck Steel ETF SLX	101.52	156	1	1	4	4	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	U3	1	AR	AR	- 7	2.99%	18.45%	11.88%
	Global X Gold Explorers ETF GOEX	93.42	149	2	2	4	16	28	2	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	1	AR	AR	- 7	2.06%	27.28%	3.26%
	First Trust Indxx Global Natural Resources FTRI	18.19	136	6	2	2	3	8	5	6	5	6	6	9	7	6	8	9	9	8	12	12	U3	1	AR	AR	- 52	-0.74%	8.37%	7.16%
	Amplify Lithium & Battery Technology E BATT	17.11	128	1	2	4	5	16	4	5	1	2	2	2	2	1	1	1	1	1	1	1	U3	1	AR	AR	+ 1	7.41%	24.53%	13.99%
	Direxion Daily Gold Miners Index Bear J DUST	41.97	72	30	30	30	30	27	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 108	-2.49%	-38.99%	-26.12%
	Direxion Daily Junior Gold Miners Index JDST	27.74	35	30	30	30	30	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 124	-6.98%	-41.68%	-31.37%
Invesco MSCI Global Timber ETF CUT	29.35	32	29	27	26	25	28	26	17	12	11	6	15	24	15	18	18	26	28	29	29	D2	4	BF	AF	- 6	1.39%	7.94%	-3.69%	
EF-48	Manufacturing (Intl)																													
	iShares Global Industrials ETF EXI	196.32	1,296	11	6	10	18	14	8	7	6	7	6	7	8	11	8	13	16	19	19	D1	5	AR	AR	- 6	1.60%	9.93%	4.50%	
	First Trust S-Network Future Vehicles & CARZ	96.01	53	1	3	6	14	4	7	10	4	4	4	4	3	3	1	1	1	2	3	3	U3	1	AR	AR	+ 1	7.87%	20.30%	13.91%
EF-49	Real Estate (Intl)																													
	Vanguard Global ex-U.S. Real Estate E VNQI	48.20	3,646	22	24	27	27	27	26	16	11	10	11	16	17	21	20	21	23	23	23	D2	4	AR	AR	+ 1	3.87%	10.52%	1.96%	
	State Street SPDR Dow Jones Global I RWQ	49.76	1,239	11	13	14	20	17	13	13	13	16	15	19	17	19	17	18	16	15	18	D1	2	AR	AR	- 46	3.57%	9.80%	6.46%	
	FlexShares Global Quality Real Estate GQRE	64.70	375	15	13	16	21	16	13	12	13	16	15	18	15	18	17	18	17	16	20	D1	2	AR	AR	- 47	2.92%	8.99%	5.18%	
	State Street SPDR Dow Jones Internat RWX	28.87	283	23	23	27	27	27	26	18	14	17	16	18	14	17	17	15	13	13	16	D2	4	AF	AR	- 52	2.70%	7.84%	0.78%	
	Amplify Alternative Harvest ETF MJ	25.24	125	30	30	30	30	30	30	30	30	30	30	30	30	29	27	20	5	3	1	D3	12	AF	BR	- 25	4.00%	11.04%	-15.39%	
	First Trust Alerian Disruptive Technolog DTRE	43.45	17	8	13	18	24	20	15	15	15	18	18	23	18	20	18	19	17	15	19	U3	1	AR	AR	- 45	4.38%	11.32%	6.63%	
	WisdomTree New Economy Real Estate WTRE	25.18	16	4	7	17	26	23	17	18	16	18	15	19	12	12	10	13	13	15	18	U3	1	AR	AR	- 45	5.92%	15.59%	7.11%	
	ALPS REIT Dividend Dogs ETF RDOG	39.19	11	8	13	18	22	17	13	12	15	18	18	18	16	16	15	16	16	17	18	D1	1	AR	AR	- 34	4.21%	10.69%	4.99%	
EF-50	Technology (Intl)																													
	iShares Global Tech ETF IXN	116.63	7,493	5	18	27	27	26	26	26	23	22	23	23	18	18	17	15	12	11	7	D3	10	AR	AR	+ 1	9.73%	13.28%	0.99%	
	Global X Robotics & Artificial Intelligence BOTZ	37.41	3,378	23	28	30	29	28	28	26	13	14	15	19	16	14	8	7	12	11	19	U3	2	AF	AR	- 7	5.59%	11.34%	-2.45%	
	iShares Future AI & Tech ETF ARTY	58.65	2,628	1	7	27	27	22	21	26	18	16	15	16	5	4	5	7	4	7	6	U3	1	AR	AR	+ 1	12.18%	22.78%	13.64%	
	First Trust Cloud Computing ETF SKYY	117.17	2,461	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	28	22	D3	14	AR	BF	+ 1	12.49%	5.14%	-5.66%	
	Global X Lithium & Battery Tech ETF LIT	83.23	1,953	1	1	2	2	3	2	3	1	1	1	1	1	1	1	1	1	1	1	U3	2	AR	AR	+ 1	6.84%	24.26%	19.48%	
	Amplify Cybersecurity ETF HACK	78.57	1,952	29	30	28	29	28	28	29	30	30	30	30	30	30	30	30	30	30	30	D3	17	AR	BF	+ 1	10.40%	2.72%	-1.05%	
	ARK Next Generation Internet ETF ARKW	139.11	1,697	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	17	AR	BF	+ 1	12.69%	11.85%	-6.38%	
	Amplify Blockchain Technology ETF BLOK	60.66	1,177	22	30	30	30	30	30	30	30	30	30	30	30	27	16	29	30	30	30	D3	10	AR	AR	+ 1	12.37%	17.90%	-7.83%	
	First Trust Nasdaq Artificial Intelligence ROBT	51.18	678	29	30	30	30	30	29	30	29	29	29	29	29	25	21	16	27	28	23	D3	9	AF	BR	- 25	9.36%	8.66%	-6.37%	
	Global X Internet of Things ETF SNSR	43.03	214	4	12	23	25	22	25	25	16	17	19	24	29	28	28	28	29	29	29	U3	1	AR	AR	+ 1	7.95%	16.00%	12.98%	
	Global X FinTech ETF FINX	26.62	202	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	22	AR	BF	+ 1	15.74%	11.33%	-8.65%	
	Amplify Digital Payments ETF IPAY	48.69	180	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	13	AR	BF	+ 1	12.16%	14.14%	-4.40%	
	Innovator Deepwater Frontier Tech ETLLOUP	80.39	177	17	29	30	30	29	29	28	29	27	28	29	19	7	5	4	4	6	4	D3	6	AR	AR	+ 1	9.94%	15.24%	-1.41%	
	First Trust Indxx Innovative Transaction LEGR	63.13	126	15	18	23	25	26	24	25	20	18	19	16	11	12	12	11	8	8	11	D1	1	AR	AR	- 124	5.06%	11.57%	2.75%	
	ALPS O'Shares Global Internet Giants OGIG	44.73	110	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	18	AR	BF	+ 1	11.65%	7.05%	-10.90%	
	KraneShares Electric Vehicles & Future KARS	35.86	86	2	6	6	8	21	10	24	13	15	15	18	17	3	7	5	4	4	3	U3	1	AR	AR	+ 1	6.31%	17.57%	12.17%	
	ALPS Disruptive Technologies ETF DTEC	46.17	69	30	30	30	30	29	30	30	30	30	30	30	30	29	29	28	30	30	29	D3	12	AR	BF	+ 1	8.43%	5.15%	-6.21%	

			Relative Strength Ranking - RSR																								% Price Δ				
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month			
EF-50	Technology (Intl)																														
	3D Printing ETF	PRNT	22.89	60	24	29	30	30	30	29	28	27	28	27	23	28	22	19	20	29	29	28	D3	5	AF	AR	+ 1	8.38%	13.26%	-3.13%	
	Amplify Bloomberg AI Value Chain ETF	AIVC	84.36	46	1	4	7	15	4	10	19	13	12	11	12	4	4	4	3	1	2	4	U3	2	AR	AR	+ 1	10.46%	20.27%	18.45%	
	Amplify Video Game Leaders ETF	GAMR	84.63	38	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	29	28	29	D3	14	AR	BR	+ 1	8.53%	12.50%	-5.27%	
EF-51	Transportation (Intl)																														
	U.S. Global Jets ETF	JETS	27.92	917	22	28	29	29	29	30	29	17	9	8	2	11	9	7	5	5	5	5	D3	1	AF	AR	- 9	7.84%	15.90%	-3.76%	
EF-52	Utilities (Intl)																														
	iShares Global Infrastructure ETF	IGF	67.56	10,370	16	6	4	3	3	4	4	6	7	6	15	15	21	25	24	20	21	20	U3	54	AR	AR	- 5	-1.53%	3.46%	8.55%	
	FlexShares STOXX Global Broad Infra	NFRA	65.43	3,036	18	11	6	5	4	10	11	12	15	13	18	17	21	23	21	16	15	19	D1	3	AR	AR	- 58	0.39%	5.02%	8.91%	
	Invesco S&P Global Water Index ETF	CGW	66.27	1,084	24	14	19	22	27	23	21	14	15	15	18	22	21	23	23	26	28	26	D1	1	AF	AR	- 6	-1.09%	7.32%	1.13%	
	State Street SPDR S&P Global Infrastr	GII	76.77	921	16	6	4	3	3	4	4	6	7	6	15	15	21	24	23	20	20	20	U3	54	AR	AR	- 5	-1.61%	3.65%	8.51%	
	Invesco Global Water ETF	PIO	46.85	286	23	20	27	27	28	28	27	18	18	18	20	16	16	19	18	19	19	22	D2	4	AF	AR	- 49	1.95%	10.58%	0.83%	
	GEOGRAPHY (Intl)																														
	EF-53	Emerging Markets																													
iShares Core MSCI Emerging Markets		IEMG	78.10	151,592	4	6	16	16	12	10	13	5	4	6	7	4	5	7	8	5	8	11	D1	2	AR	AR	+ 1	5.19%	14.23%	10.12%	
Vanguard FTSE Emerging Markets ET		VWO	59.18	120,417	11	15	25	24	26	22	25	14	14	14	15	14	11	14	16	11	16	18	D1	1	AR	AR	+ 1	4.28%	12.60%	5.68%	
iShares MSCI Emerging Markets ETF		EEM	63.64	28,180	4	6	16	17	12	10	13	5	4	6	6	4	4	6	6	5	7	8	D1	2	AR	AR	+ 1	5.09%	14.38%	9.97%	
Schwab Emerging Markets Equity ETF		SCHE	35.98	12,553	12	15	25	25	26	23	26	15	14	15	15	14	11	15	16	12	16	18	D1	1	AR	AR	+ 1	4.02%	12.40%	5.39%	
Schwab Fundamental Emerging Marke		FNDE	40.77	9,503	7	6	7	6	10	8	12	8	7	7	8	5	6	10	14	6	11	13	U3	1	AR	AR	+ 1	2.77%	11.09%	8.00%	
WisdomTree Emerging Markets High C		DEM	52.60	3,761	6	6	6	5	10	12	14	12	12	13	14	12	13	17	16	12	13	15	U3	1	AR	AR	- 57	2.77%	9.67%	9.99%	
iShares MSCI Emerging Markets Min V		EEMV	70.75	3,467	10	14	22	20	22	23	25	16	15	16	18	17	16	21	23	20	23	23	U3	1	AR	AR	+ 1	4.40%	11.70%	6.97%	
WisdomTree Emerging Markets ex-Sta		XSOE	45.11	2,048	4	6	18	18	14	14	15	10	10	11	13	9	9	11	10	8	9	13	D1	2	AR	AR	- 48	5.37%	14.46%	10.00%	
Invesco RAFI Emerging Markets ETF		PXH	28.70	1,965	8	8	10	11	16	13	16	12	13	13	14	9	10	13	13	9	10	13	D1	4	AR	AR	- 123	3.02%	11.04%	7.08%	
Columbia EM Core ex-China ETF		XCEM	46.58	1,751	1	2	6	5	4	5	4	1	2	2	3	3	3	3	4	3	4	6	U3	1	AR	AR	+ 1	5.48%	16.42%	14.73%	
iShares Emerging Markets Equity Facr		EMGF	67.82	1,716	4	6	14	15	8	9	12	4	4	6	7	4	5	7	8	5	11	14	D1	2	AR	AR	+ 1	5.08%	14.48%	10.82%	
Goldman Sachs ActiveBeta Emerging		IGEM	48.36	1,453	4	6	14	15	8	10	13	4	4	6	6	4	4	6	6	5	7	7	D1	2	AR	AR	+ 1	4.68%	13.95%	10.18%	
iShares Emerging Markets Dividend E		DVYE	35.77	1,343	5	3	4	3	3	3	9	10	9	10	11	10	7	8	12	12	9	9	12	U3	1	AR	AR	- 169	1.10%	7.94%	10.54%
iShares MSCI Emerging Markets Asia		IEEMA	107.88	1,284	4	11	23	21	14	10	16	6	6	6	8	5	6	7	7	4	7	10	D1	1	AR	AR	+ 1	5.97%	13.46%	8.95%	
State Street SPDR S&P Emerging Mar		EDIV	41.68	1,225	18	14	18	17	19	20	19	13	14	15	16	13	14	18	17	15	13	16	D1	1	AR	AR	- 59	1.73%	7.79%	4.75%	
Cambria Emerging Shareholder Yield		EYLD	45.42	780	2	3	4	4	3	9	10	6	7	9	9	7	8	11	11	10	10	13	U3	1	AR	AR	- 47	3.30%	11.93%	13.24%	
State Street SPDR S&P Emerging Mar		EWX	73.55	750	6	12	21	20	20	21	26	18	18	19	22	22	19	23	23	21	23	23	U3	1	AR	AR	+ 1	5.68%	13.25%	9.01%	
First Trust Emerging Markets AlphaDE		FEM	32.96	742	1	2	4	4	9	9	11	9	10	11	13	9	9	12	11	10	9	13	U3	1	AR	AR	- 49	2.62%	14.77%	14.28%	
VanEck Emerging Markets High Yield		EHYEM	20.14	506	25	20	20	14	13	15	18	23	24	23	24	18	20	21	19	16	15	16	D1	4	AR	AR	- 126	1.31%	3.07%	1.99%	
iShares MSCI Emerging Markets Small		EEMS	77.07	455	4	8	16	15	13	16	18	9	8	11	15	8	14	19	20	16	19	21	U3	1	AR	AR	+ 1	5.43%	13.14%	11.23%	
Invesco S&P Emerging Markets Low V		EELV	29.60	453	15	11	10	9	14	16	18	14	15	15	15	12	13	16	15	12	12	14	U3	1	AR	AR	- 57	1.86%	8.78%	6.38%	
JPMorgan Diversified Return Emergin		JPEM	66.59	400	10	8	12	15	19	14	15	12	13	13	14	9	10	13	13	10	10	13	D1	2	AR	AR	- 50	2.39%	11.03%	6.27%	
Nuveen ESG Emerging Markets Equity		NUEM	40.61	374	5	7	17	18	22	19	21	10	7	9	12	8	6	10	9	7	13	16	U3	1	AR	AR	+ 1	4.45%	14.85%	8.82%	
FlexShares Morningstar Emerging Mar		TLTE	74.55	350	4	6	12	7	6	7	8	4	3	4	6	3	4	7	8	6	10	13	D1	5	AR	AR	+ 1	5.06%	13.46%	10.48%	
Columbia Research Enhanced Emergin		ECON	32.19	328	3	6	13	11	4	8	10	4	3	4	4	3	5	7	7	5	6	6	D1	5	AR	AR	+ 1	5.57%	13.82%	12.43%	
EMQQ The Emerging Markets Internet		EMQQ	35.84	292	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	29	30	30	D3	17	AF	BF	- 27	6.19%	10.69%	-10.29%	
First Trust Emerging Markets Small Ca		FEMS	48.95	272	4	4	5	5	11	12	15	12	14	15	18	13	11	16	14	16	15	18	U3	1	AR	AR	- 45	2.48%	12.21%	10.96%	
VictoryShares Emerging Markets Value		UEVM	61.43	258	14	12	14	15	19	17	21	13	12	14	15	12	11	15	16	16	19	19	D1	2	AR	AR	+ 1	2.54%	10.25%	5.41%	
iShares Currency Hedged MSCI Emerg		HEEM	40.59	252	4	5	10	8	4	6	8	6	4	6	6	3	3	5	5	4	6	6	U3	1	AR	AR	+ 1	4.33%	12.46%	9.87%	
Invesco Dorsey Wright Emerging Mark		PIE	29.92	196	1	2	5	4	9	11	12	7	10	11	15	11	10	13	13	13	10	11	U3	1	AR	AR	- 44	5.41%	17.20%	17.85%	
WisdomTree Emerging Markets Multifa		EMMF	36.23	170	5	6	12	9	10	12	13	9	11	11	13	9	8	11	11	9	10	13	D1	4	AR	AR	- 47	4.66%	11.02%	9.02%	

			Relative Strength Ranking - RSR																				% Price Δ						
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-53	Emerging Markets																												
	PIMCO RAFI Dynamic Multi-Factor Em MFEM	27.49	146	2	4	5	11	9	10	11	5	7	8	10	7	7	11	12	10	10	14	U3	1	AR	AR	- 47	4.38%	12.33%	13.06%
	WisdomTree Emerging Markets Quality DGRE	37.44	139	1	3	6	5	9	10	10	5	6	6	8	7	7	9	8	7	7	11	U3	1	AR	AR	- 47	5.20%	15.37%	14.44%
	WisdomTree Emerging Markets Local I ELD	29.30	117	25	20	21	22	23	24	25	20	21	19	19	15	16	19	16	13	13	14	D2	4	AF	AR	- 57	0.83%	5.47%	1.34%
	Hartford Multifactor Emerging Markets I ROAM	34.27	101	3	5	6	5	4	5	7	4	4	6	7	4	5	8	8	5	7	8	U3	1	AR	AR	+ 1	4.96%	11.99%	12.46%
	WisdomTree Emerging Markets Corpora EMCB	66.75	100	27	25	22	15	13	16	22	23	25	27	25	19	21	21	19	16	15	16	D2	3	AR	AR	- 126	0.90%	1.63%	0.65%
	Xtrackers MSCI Emerging Markets Her DBEM	37.82	96	2	5	7	5	4	5	7	5	4	6	6	3	3	5	5	4	6	7	U3	1	AR	AR	+ 1	5.07%	13.06%	11.70%
	iShares MSCI BIC ETF BKF	43.91	94	28	28	29	29	30	29	30	28	26	28	24	24	26	25	23	18	24	23	D3	6	AF	AR	+ 1	4.05%	10.69%	-1.58%
	First Trust Riverfront Dynamic Emergin RFEM	90.87	77	4	6	12	12	12	12	14	10	10	11	12	8	9	12	11	9	10	12	D1	4	AR	AR	- 61	4.46%	12.45%	10.09%
	Franklin Emerging Market Core Divider DIEM	39.18	51	4	5	10	8	4	10	12	8	8	9	10	7	8	10	10	8	9	12	D1	5	AR	AR	- 49	4.37%	12.60%	10.97%
	Global X MSCI SuperDividend Emergir SDEM	33.90	49	6	4	10	9	10	11	10	9	9	11	10	7	7	9	11	8	9	12	U3	1	AR	AR	- 62	1.31%	10.87%	8.47%
	State Street SPDR MSCI Emerging Ma QEMM	76.57	48	4	6	12	9	6	10	15	6	7	8	8	7	7	13	15	12	15	19	U3	1	AR	AR	+ 1	5.12%	13.09%	11.00%
	ALPS Emerging Sector Dividend Dogs EDOG	26.31	30	12	7	6	5	4	12	13	11	11	12	12	9	8	11	13	10	8	11	D1	5	AR	AR	- 50	1.77%	7.99%	5.26%
	First Trust Emerging Markets Equity Se RNEM	58.49	18	18	18	25	26	27	26	26	18	17	18	18	19	20	24	23	20	22	23	D2	5	AR	AR	+ 1	2.71%	10.87%	4.04%
	iShares Emerging Markets Infrastructui EMIF	29.25	15	16	6	5	5	4	7	7	4	3	3	4	3	4	14	11	8	6	5	D1	4	AF	AR	- 6	-0.62%	6.15%	8.34%
	Invesco S&P Emerging Markets Mome EEMO	20.00	13	4	9	28	27	27	26	28	22	17	19	19	15	16	17	16	14	15	17	D1	1	AR	AR	- 43	6.06%	17.38%	9.04%
	ProShares MSCI Emerging Markets Dr EMDV	48.48	8	21	20	23	22	25	24	27	22	21	20	21	18	21	21	18	14	14	14	D2	4	AR	AR	- 49	2.78%	7.87%	3.95%
EF-54	Frontier Markets																												
EF-55	Europe/UK																												
	Vanguard FTSE Europe ETF VGK	89.07	31,067	15	12	17	24	27	23	18	12	14	15	14	11	12	13	12	9	9	12	D1	1	AR	AR	- 60	2.31%	12.49%	3.85%
	iShares MSCI Eurozone ETF EZU	68.22	9,769	16	14	24	26	27	26	26	12	13	15	15	12	13	13	10	8	11	13	D1	1	AR	AR	+ 1	2.43%	13.34%	3.27%
	iShares Core MSCI Europe ETF IEUR	76.00	9,021	15	13	18	25	27	23	18	11	11	14	13	8	11	10	10	9	10	11	D1	1	AR	AR	+ 1	2.44%	12.58%	3.83%
	State Street SPDR EURO STOXX 50 E FEZ	67.61	4,571	18	17	27	27	28	27	27	14	15	16	16	12	13	13	11	9	9	12	D2	4	AR	AR	- 62	2.53%	12.86%	1.69%
	iShares MSCI Europe Financials ETF EUFN	38.87	3,739	8	12	22	27	28	28	26	15	14	19	10	5	9	7	7	1	3	3	D1	1	AR	AR	+ 1	4.07%	17.40%	3.65%
	iShares MSCI United Kingdom ETF EWU	48.25	3,556	10	6	5	10	10	6	7	6	7	8	8	6	9	10	9	5	6	6	U3	1	AR	AR	- 6	1.22%	10.03%	6.80%
	iShares MSCI Spain ETF EWP	58.39	1,936	7	6	6	16	19	16	17	8	8	12	8	3	6	6	5	1	2	3	U3	1	AR	AR	+ 1	1.65%	13.09%	6.84%
	WisdomTree Europe Hedged Equity Fu HEDJ	55.88	1,836	19	16	22	25	27	23	25	15	15	18	18	16	15	10	10	12	12	18	D1	1	AR	AR	+ 1	1.60%	12.16%	1.38%
	iShares Europe ETF IEV	73.25	1,758	15	13	18	25	27	23	18	11	10	12	12	8	10	10	10	6	8	8	D1	1	AR	AR	- 7	2.22%	12.35%	3.69%
	iShares MSCI Switzerland ETF EWL	62.44	1,600	20	18	22	25	27	20	12	8	9	10	10	11	14	15	13	5	6	6	D2	4	AF	AR	- 7	2.87%	10.89%	3.19%
	iShares MSCI Germany ETF EWG	43.19	1,451	23	26	28	28	29	28	28	18	18	19	21	22	20	23	21	22	22	23	D3	1	AF	AR	+ 1	3.82%	13.06%	-0.35%
	Franklin FTSE United Kingdom ETF FLGB	36.91	875	10	6	6	11	14	8	7	6	8	11	9	6	10	10	10	6	6	7	U3	1	AR	AR	+ 1	1.35%	10.48%	6.55%
	First Trust Stoxx European Select Divic FDD	19.33	871	4	4	5	9	12	13	13	11	11	12	11	7	9	11	10	7	7	9	U3	1	AR	AR	- 61	3.09%	12.64%	9.28%
	Xtrackers MSCI Europe Hedged Equity DBEU	51.61	766	16	12	10	19	22	10	15	12	13	15	15	14	15	9	9	7	11	13	D1	2	AR	AR	+ 1	1.84%	10.40%	3.14%
	State Street SPDR Portfolio Europe ET SPEU	55.46	738	15	12	18	24	27	24	18	12	14	15	14	11	12	13	12	9	9	12	D1	1	AR	AR	- 60	2.38%	12.47%	3.74%
	iShares MSCI Italy ETF EWI	58.72	674	7	6	12	25	27	26	26	12	15	17	15	12	15	15	11	5	6	6	U3	1	AR	AR	+ 1	2.51%	15.82%	6.92%
	iShares MSCI Poland ETF EPOL	40.64	664	1	2	4	11	9	16	13	6	7	6	4	3	3	7	4	1	4	4	U3	1	AR	AR	+ 1	3.44%	17.87%	13.14%
	iShares Currency Hedged MSCI Euroz HEZU	47.12	601	15	13	17	24	27	16	22	13	14	16	15	14	14	9	8	7	11	15	D1	1	AR	AR	+ 1	2.59%	11.90%	3.02%
	First Trust Europe AlphaDEX Fund FEP	58.74	520	7	6	7	18	21	16	15	10	11	12	12	8	9	11	10	8	8	10	D1	2	AR	AR	- 61	1.56%	12.87%	5.98%
	iShares MSCI Netherlands ETF EWN	64.12	468	7	6	21	25	24	14	23	11	8	12	8	3	3	4	5	5	10	13	D1	1	AR	AR	+ 1	2.69%	13.43%	3.57%
	iShares MSCI France ETF EWQ	46.76	449	20	18	27	27	28	28	27	15	15	18	19	23	23	24	20	18	19	20	D2	5	AR	AR	+ 1	1.98%	12.19%	3.25%
	iShares MSCI Sweden ETF EWD	54.37	330	7	13	19	26	27	17	8	6	7	8	8	6	6	8	9	10	9	8	D1	1	AR	AR	+ 1	4.86%	16.20%	5.96%
	WisdomTree European Opportunities F OPPE	57.37	293	6	4	5	6	12	12	14	12	12	15	13	10	12	13	12	9	10	12	U3	1	AR	AR	- 125	1.09%	11.79%	8.56%
	Global X MSCI Greece ETF GREK	72.93	289	7	7	25	27	27	28	26	14	14	10	4	3	3	6	7	5	4	11	D1	1	AF	AR	+ 1	3.30%	16.88%	4.14%
	Global X DAX Germany ETF DAX	45.97	270	23	27	28	29	29	29	28	18	19	19	22	22	19	20	19	20	19	26	D3	2	AF	AR	- 7	4.00%	13.03%	-1.52%
	iShares MSCI Denmark ETF EDEN	112.42	202	26	27	28	29	30	30	30	29	24	23	19	5	5	5	7	12	14	16	D3	3	AF	AR	- 9	3.03%	13.54%	-8.44%

				Relative Strength Ranking - RSR																				% Price Δ							
		MKT	04/17	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	TRIPLE	50	200								
Group or Corp	Ticker	Price	Cap(MM)	17	10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	CYCLE	DAY	DAY	MACD	1 week	1 month	3 month			
EF-55	Europe/UK																														
	Global X MSCI Norway ETF	NORW	37.30	183	1	1	1	2	1	1	1	2	2	2	4	4	8	12	20	13	16	26	U3	15	AR	AR	+ 17	-2.71%	1.47%	19.44%	
	WisdomTree Europe SmallCap Divider	DFE	77.55	171	10	9	14	22	22	19	14	12	14	15	16	12	12	15	14	12	12	16	D1	1	AR	AR	- 58	2.52%	11.54%	5.54%	
	iShares MSCI Norway ETF	ENOR	36.03	169	1	1	1	1	1	1	1	2	2	2	4	3	7	10	20	13	17	19	U3	16	AR	AR	+ 18	-2.81%	2.18%	19.58%	
	First Trust Eurozone AlphaDEX ETF	FEUZ	67.37	148	7	6	8	19	22	19	16	11	11	13	12	9	10	13	11	9	9	12	D1	2	AR	AR	- 61	1.47%	13.25%	6.45%	
	Goldman Sachs ActiveBeta Europe Eq	GSEU	48.87	125	15	12	16	24	27	21	18	11	11	14	13	9	11	13	14	9	8	11	D1	1	AR	AR	+ 1	2.38%	12.49%	4.50%	
	First Trust Germany AlphaDEX Fund	FGM	67.18	121	11	12	27	27	28	28	23	6	6	6	4	3	3	5	5	5	6	7	D2	5	AF	AR	- 7	3.27%	16.45%	2.68%	
	Franklin FTSE Europe ETF	FLEE	39.17	118	15	12	17	25	27	22	18	11	10	12	12	7	10	10	9	6	8	8	D1	1	AR	AR	+ 1	2.22%	12.36%	3.82%	
	iShares MSCI Belgium ETF	EWK	26.70	117	12	12	17	26	27	24	17	11	7	5	7	5	9	10	16	13	12	16	D1	1	AR	AR	- 7	2.57%	14.94%	5.39%	
	WisdomTree Europe Quality Dividend	EUDG	39.11	72	18	16	22	26	27	24	18	13	14	15	14	11	11	13	11	9	8	12	D1	1	AF	AR	- 58	1.96%	10.96%	1.91%	
	Xtrackers MSCI Eurozone Hedged Equ	DBEZ	59.34	71	15	12	16	23	27	16	21	13	13	15	15	15	15	10	9	9	11	16	D1	1	AR	AR	+ 1	2.23%	12.00%	3.25%	
	iShares MSCI Ireland ETF	EIRL	74.75	71	20	20	27	26	28	27	26	16	19	21	15	7	14	13	10	5	4	5	D3	1	AF	AR	+ 1	3.15%	13.09%	1.22%	
	First Trust United Kingdom AlphaDEX I	FKU	55.07	50	7	7	14	21	25	15	13	10	11	12	11	8	8	11	11	8	7	11	D1	1	AR	AR	- 60	3.06%	13.56%	5.79%	
	iShares MSCI United Kingdom Small C	EWUS	43.91	44	17	20	28	27	28	27	19	13	14	13	13	6	8	10	15	14	12	18	D2	5	AF	AR	- 7	4.40%	13.09%	1.32%	
	First Trust Switzerland AlphaDEX Fund	FSZ	83.12	42	20	17	19	20	25	19	14	14	14	15	15	16	13	15	19	15	13	12	14	D1	1	AF	AR	- 59	1.80%	8.44%	3.22%
	iShares MSCI Finland ETF	EFNL	53.65	40	4	4	4	9	4	6	7	8	7	9	7	5	4	5	6	1	3	4	U3	1	AR	AR	+ 1	2.15%	12.20%	9.12%	
	ALPS - O'Shares International Develop	OEFA	34.06	39	24	26	28	28	28	27	27	18	18	18	23	17	17	17	15	13	14	16	D2	5	AF	AR	- 59	2.87%	10.44%	-0.44%	
	Pacer Trendpilot European Index ETF	PTEU	32.68	36	15	14	25	26	27	26	25	11	12	15	15	8	11	12	9	6	7	14	D1	1	AR	AR	+ 1	2.87%	12.76%	3.62%	
	ProShares Ultra FTSE Europe	UPV	99.88	14	4	6	24	29	29	27	18	6	6	7	7	5	6	7	6	5	6	9	D1	1	AR	AR	- 59	4.69%	25.43%	5.23%	
	ProShares MSCI Europe Dividend Gro	EUDV	55.42	9	18	20	25	26	27	27	25	18	20	20	24	19	20	20	18	18	17	21	D2	4	AR	AR	- 14	4.40%	11.45%	3.88%	
EF-56	Canada				9	10	6	8	9	6	6	8	11	13	16	12	9	10	9	7	6	6	U3	1	AR	AR	+ 1	3.19%	10.09%	6.18%	
	iShares MSCI Canada ETF	EWC	58.52	5,202	10	10	7	7	8	6	6	8	11	13	16	14	6	8	7	4	4	3	U3	1	AR	AR	- 7	3.10%	9.98%	6.15%	
	Franklin FTSE Canada ETF	FLCA	52.38	733	8	11	6	9	10	7	6	9	11	14	16	15	7	8	8	4	4	4	U3	1	AR	AR	+ 1	3.27%	10.19%	6.20%	
EF-57	Latin America				3	1	3	4	4	6	4	2	1	1	1	3	4	6	5	6	5	6	U3	1	AR	AR	+ 1	0.74%	15.54%	11.13%	
	iShares MSCI Brazil ETF	EWZ	41.16	11,743	1	1	1	2	3	3	3	1	1	1	1	1	1	4	3	4	4	6	U3	2	AR	AR	+ 2	-0.41%	17.40%	24.09%	
	iShares Latin America 40 ETF	ILF	37.84	5,137	1	1	2	3	3	4	3	1	1	1	1	1	1	1	1	1	1	4	U3	1	AR	AR	+ 1	0.05%	16.11%	16.43%	
	iShares MSCI Mexico ETF	EWV	79.46	2,296	6	3	4	5	14	10	7	3	2	1	2	3	3	3	6	5	4	3	U3	1	AF	AR	- 7	-0.06%	13.73%	7.38%	
	iShares MSCI Chile ETF	ECH	44.97	1,131	4	6	10	9	16	12	16	4	3	1	1	1	1	1	1	1	1	1	D1	1	AF	AR	- 9	5.94%	18.16%	2.00%	
	Global X MSCI Argentina ETF	ARGT	93.76	919	20	8	4	7	14	17	18	18	7	11	8	2	3	5	1	1	1	3	U3	1	AR	AR	- 10	-0.50%	9.60%	2.38%	
	Franklin FTSE Brazil ETF	FLBR	25.68	580	1	1	1	2	2	2	3	1	1	1	1	1	1	4	4	4	4	10	U3	2	AR	AR	+ 2	-0.58%	18.40%	28.02%	
	iShares MSCI Peru and Global Exposu	EPV	85.17	537	4	1	2	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	D1	5	AF	AR	- 7	-0.62%	14.68%	3.07%	
	iShares MSCI Brazil Small-Cap ETF	EWZS	16.08	353	1	1	4	6	25	22	8	4	3	6	5	3	3	23	19	26	28	29	U3	1	AR	AR	+ 2	1.45%	21.77%	20.31%	
	Columbia India Consumer ETF	INCO	61.32	242	29	29	30	30	30	30	30	28	28	28	29	30	30	30	30	30	28	29	29	D3	7	AF	BF	+ 1	3.27%	12.06%	-2.60%
	Global X MSCI Colombia ETF	COLO	41.01	145	6	3	3	4	4	5	14	9	2	1	1	1	1	1	1	1	1	3	U3	1	AF	AR	- 8	-0.10%	10.03%	1.91%	
	Franklin FTSE Mexico ETF	FLMX	38.70	93	6	3	4	5	10	9	6	2	2	1	1	3	3	3	5	4	2	5	D1	5	AF	AR	- 7	-0.14%	13.24%	6.76%	
	First Trust Latin America AlphaDEX Fu	FLN	27.83	39	1	1	2	3	8	10	8	5	5	5	5	4	5	7	7	7	6	9	U3	1	AR	AR	- 55	0.39%	16.02%	15.85%	
	VanEck Brazil Small-Cap ETF	BRF	19.91	27	1	1	2	4	10	8	3	1	1	2	2	1	3	8	4	7	6	7	U3	1	AR	AR	+ 1	0.89%	20.64%	20.07%	
EF-58	Japan				13	7	5	5	5	7	7	4	6	2	6	9	11	9	8	8	8	10	D1	5	AR	AR	- 6	1.56%	8.61%	5.30%	
	iShares MSCI Japan ETF	EWJ	90.19	20,820	11	10	9	18	20	14	14	6	7	2	7	10	14	8	8	13	12	16	D1	2	AR	AR	- 6	2.34%	11.07%	5.51%	
	JPMorgan BetaBuilders Japan ETF	BBJP	73.39	16,542	13	10	9	17	19	13	13	6	7	2	6	9	14	8	8	13	11	15	D1	2	AR	AR	- 6	2.11%	10.76%	5.17%	
	WisdomTree Japan Hedged Equity Fur	DXJ	166.58	6,330	5	3	2	3	3	4	3	1	2	1	2	3	3	1	1	2	2	3	U3	1	AR	AR	- 7	0.52%	9.98%	7.04%	
	Franklin FTSE Japan ETF	FLJP	38.57	3,541	11	7	8	15	18	13	13	5	7	2	7	10	14	8	8	13	12	16	D1	2	AR	AR	- 6	1.98%	11.02%	5.79%	
	iShares Currency Hedged MSCI Japan HEWJ	HEWJ	60.18	752	6	5	4	5	4	5	6	3	4	2	4	5	6	3	3	4	3	4	U3	1	AR	AR	- 7	2.03%	10.91%	6.74%	
	Xtrackers MSCI Japan Hedged Equity I	DBJP	108.43	651	6	5	4	5	4	5	7	4	4	2	3	5	6	3	3	4	4	4	U3	1	AR	AR	- 7	2.25%	11.10%	6.82%	

			Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-58	Japan																													
	Japan Smaller Capitalization Fund Inc !	JOF	11.24	318	18	18	13	14	20	17	14	6	7	6	12	9	9	10	10	8	8	10	D1	4	AF	AR	- 7	3.00%	8.32%	1.77%
	WisdomTree Japan Opportunities Fund	OPPJ	56.93	273	1	1	1	2	5	5	6	4	4	3	4	5	6	5	5	5	6	6	U3	2	AR	AR	- 81	-0.63%	9.71%	10.84%
	First Trust Japan AlphaDEX Fund	FJP	76.75	246	7	5	5	5	11	10	10	5	5	4	8	10	13	12	10	11	10	11	D1	4	AR	AR	- 63	0.99%	9.59%	8.59%
	iShares JPX-Nikkei 400 ETF	JPXN	97.01	146	11	8	7	14	15	10	10	4	6	2	7	9	14	9	8	14	14	17	D1	5	AR	AR	- 6	2.05%	10.54%	6.10%
	Goldman Sachs ActiveBeta Japan Equ	GSJY	51.75	83	14	11	8	15	20	14	14	6	7	2	6	8	14	8	6	13	11	15	D1	2	AR	AR	- 7	2.27%	11.12%	4.63%
	ProShares Ultra MSCI Japan	EZJ	61.63	16	4	6	10	26	27	17	14	4	4	2	4	6	8	6	6	8	7	9	D1	1	AF	AR	- 48	5.69%	21.83%	7.44%
	ProShares UltraShort MSCI Japan	EWV	19.60	7	30	30	30	6	9	26	28	30	30	30	30	29	30	30	30	28	27	28	U1	4	BF	BF	+ 52	-4.35%	-20.44%	-13.08%
EF-59	Middle East/Africa				8	12	16	21	17	17	11	12	11	9	8	7	7	9	9	8	8	9	D1	1	AR	AR	+ 1	3.75%	11.29%	4.68%
	iShares MSCI Israel ETF	EIS	129.81	974	2	2	4	5	2	3	1	8	3	2	4	2	3	1	1	1	1	3	U3	1	AR	AR	- 8	3.36%	8.01%	8.95%
	iShares MSCI South Africa ETF	EZA	74.62	798	7	8	17	26	28	21	7	1	2	2	2	2	1	1	1	1	1	1	D1	1	AF	AR	- 7	3.44%	19.24%	2.53%
	iShares MSCI Saudi Arabia ETF	KSA	40.59	747	15	14	7	14	26	25	28	29	26	23	19	16	24	28	30	30	30	30	U3	1	AR	AR	+ 3	2.27%	10.36%	7.30%
	iShares MSCI UAE ETF	UAE	20.40	307	20	27	29	28	30	30	28	11	8	6	6	14	15	24	28	29	29	25	D2	5	AF	AR	- 7	6.31%	16.91%	2.67%
	iShares MSCI Turkey ETF	TUR	43.37	219	1	1	4	4	3	4	8	4	2	1	2	1	3	3	6	17	20	19	U3	1	AR	AR	+ 1	3.07%	13.00%	12.91%
	VanEck Israel ETF	ISRA	66.84	152	4	6	6	6	3	4	3	14	7	6	6	3	3	1	1	1	3	4	U3	1	AR	AR	- 9	3.96%	7.58%	6.05%
	ARK Israel Innovative Technology ETF	IZRL	29.99	139	22	28	28	28	24	27	19	30	29	28	25	14	6	5	3	5	5	7	D3	3	AR	AR	+ 1	7.11%	6.63%	-3.96%
	VanEck Africa Index ETF	AFK	29.00	129	6	8	21	25	27	25	8	1	2	2	4	3	2	2	1	1	1	1	D1	1	AR	AR	- 7	4.52%	17.93%	5.80%
	Amplify BlueStar Israel Technology ETI	ITEQ	62.12	115	15	20	10	20	3	19	13	29	28	28	24	12	6	9	7	16	12	19	U3	2	AR	AR	+ 1	5.54%	3.27%	1.36%
	iShares MSCI Qatar ETF	QAT	19.38	96	26	20	27	26	27	26	28	26	22	19	22	23	24	27	28	29	29	29	D2	5	AF	AR	- 7	0.06%	5.97%	-0.40%
	Commonwealth Africa Fund	CAFRX	12.38	7	11	9	16	22	27	19	8	1	3	2	4	3	2	1	1	1	1	1	D1	1	AF	AR	- 7	2.31%	14.42%	2.74%
	T.Rowe Price Africa & Middle East Fun	TRAMX	12.25	0	24	27	28	27	29	29	28	22	24	23	25	29	27	29	30	30	30	30	D3	6	AR	AR	+ 1	3.03%	12.08%	3.03%
EF-60	Asia/Pacific				14	14	24	23	22	19	17	9	8	11	14	11	12	13	12	9	10	11	D1	1	AR	AR	+ 1	3.51%	10.94%	5.32%
	iShares MSCI South Korea ETF	EWY	152.33	20,031	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	1	AR	AR	- 6	9.80%	21.11%	35.74%
	iShares MSCI Taiwan ETF	EWT	83.22	8,364	1	1	4	3	3	4	4	2	2	2	5	4	3	5	7	5	6	13	U3	2	AR	AR	+ 1	8.16%	19.33%	23.58%
	Vanguard FTSE Pacific ETF	VPL	107.37	8,238	4	4	5	5	4	5	4	2	2	1	4	3	5	5	6	5	8	8	D1	4	AR	AR	- 6	3.29%	12.35%	11.51%
	iShares MSCI India ETF	INDA	51.28	6,661	29	29	30	30	30	30	30	29	28	28	28	29	30	29	30	25	27	28	D3	11	AF	BF	+ 1	3.93%	10.07%	-2.97%
	iShares Asia 50 ETF	AIA	120.93	3,852	1	2	6	5	3	4	4	1	1	2	4	2	3	2	2	1	4	5	U3	1	AR	AR	+ 1	5.76%	13.97%	14.50%
	Franklin FTSE India ETF	FLIN	36.63	2,654	29	29	30	30	30	30	30	29	28	28	29	29	30	29	30	23	26	28	D3	11	AF	BF	+ 1	4.00%	10.20%	-3.10%
	iShares Core MSCI Pacific ETF	IPAC	81.85	2,537	10	7	8	15	15	11	10	6	7	5	8	11	14	13	15	15	16	18	D1	2	AR	AR	- 6	1.90%	10.44%	6.66%
	WisdomTree India Earnings Fund	EPI	44.84	2,287	29	29	30	30	30	29	28	27	25	28	26	29	29	29	29	20	23	27	D3	7	AF	AF	+ 1	4.45%	10.88%	-1.17%
	iShares MSCI Pacific ex-Japan ETF	EPP	56.61	2,191	8	5	7	9	5	8	8	8	8	12	15	15	18	24	25	22	25	20	U3	1	AR	AR	+ 1	0.69%	8.78%	9.26%
	iShares MSCI Australia ETF	EWA	30.21	1,426	5	4	6	6	4	6	7	6	7	9	16	16	20	25	28	26	28	23	U3	1	AR	AR	+ 1	1.24%	10.66%	12.98%
	DBX ETF Trust - Xtrackers Internationa	HAUZ	24.37	1,076	22	22	27	27	27	26	14	11	12	12	17	16	19	18	20	23	23	22	D2	4	AF	AR	- 6	2.87%	8.38%	0.95%
	iShares MSCI Hong Kong ETF	EWK	23.47	905	18	6	5	5	4	6	7	6	10	14	8	5	14	12	14	13	19	12	D1	4	AF	AR	- 6	-1.72%	5.15%	4.13%
	iShares MSCI Singapore ETF	EWS	29.41	809	18	14	13	15	19	26	28	22	17	23	23	24	22	26	23	26	26	26	U3	1	AR	AR	+ 1	1.48%	7.49%	4.89%
	iShares MSCI India Small Cap ETF	SMIN	68.36	643	26	29	30	30	30	30	30	30	28	29	30	30	30	30	30	29	30	30	D3	23	AR	BF	+ 1	5.35%	14.91%	1.21%
	Franklin FTSE South Korea ETF	FLKR	49.32	636	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	1	AR	AR	- 6	9.92%	20.91%	34.17%
	iShares India 50 ETF	INDY	45.49	612	30	30	30	30	30	30	30	29	28	28	28	29	29	29	29	23	23	27	D3	9	AF	BF	- 15	2.97%	8.41%	-5.19%
	VanEck Vietnam ETF	VNM	19.04	563	20	26	28	28	30	29	28	21	18	21	29	17	11	6	8	5	3	7	D3	3	AR	AR	+ 1	4.62%	15.89%	-3.50%
	State Street SPDR S&P Emerging Asia	GMF	148.96	387	17	19	27	26	27	23	26	17	15	16	18	18	17	16	18	10	18	18	D2	5	AR	AR	+ 1	4.05%	10.48%	3.14%
	iShares MSCI Malaysia ETF	EWMM	29.16	372	18	15	7	4	3	4	7	11	6	6	5	3	5	7	8	5	4	4	D1	4	AF	AR	- 7	1.78%	0.76%	3.51%
	iShares MSCI Indonesia ETF	EIDO	16.54	292	30	30	30	30	30	30	30	27	28	29	29	29	18	16	16	13	17	19	D3	6	AF	BF	- 12	3.37%	9.39%	-13.58%
	Invesco India ETF	IMVP	22.46	162	30	30	30	30	30	30	30	29	28	28	29	29	30	29	30	23	27	28	D3	11	AF	BF	- 15	3.07%	10.10%	-5.43%
	First Trust India NIFTY 50 Equal Weigh	NFTY	55.67	145	29	29	30	30	29	28	28	27	25	28	28	24	25	24	22	15	17	18	D3	7	AF	BF	+ 11	3.48%	8.92%	-2.36%
	iShares MSCI Philippines ETF	EPHE	25.51	136	27	22	27	24	27	25	26	10	15	15	18	23	21	20	23	29	29	29	D2	4	BF	AF	- 6	0.08%	5.28%	-3.44%



				Relative Strength Ranking - RSR																		% Price Δ								
			MKT	04/17	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	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)																		CYCLE	DAY	DAY	MACD	1 week	1 month	3 month		
EF-60	Asia/Pacific																													
	iShares MSCI Austria ETF	EWO	40.01	136	2	3	6	11	18	19	8	6	3	4	3	3	3	4	3	1	1	3	U3	1	AR	AR	+ 1	4.08%	18.71%	10.22%
	First Trust Asia Pacific ex-Japan Alpha FPA	FPA	48.55	121	1	1	4	3	5	5	6	3	4	4	7	5	6	9	11	12	12	15	U3	1	AR	AR	- 52	4.86%	11.04%	20.17%
	VanEck India Growth Leaders ETF	GLIN	47.02	105	20	27	30	30	30	29	28	25	22	24	24	29	29	28	28	19	24	26	D3	5	AR	AR	+ 1	5.85%	15.27%	3.09%
	Global X FTSE Southeast Asia ETF	ASEA	20.03	98	15	6	5	4	3	6	8	6	4	6	5	4	4	7	8	5	4	8	D1	5	AR	AR	- 7	1.11%	5.39%	5.42%
	Franklin FTSE Australia ETF	FLAU	35.81	97	6	4	6	9	5	7	7	6	7	11	16	16	17	25	28	25	26	22	U3	1	AR	AR	+ 1	1.47%	10.14%	11.31%
	iShares MSCI New Zealand ETF	ENZL	44.57	71	29	27	29	27	27	27	24	21	28	23	19	19	24	27	25	27	28	26	D3	1	BF	BF	- 7	0.34%	3.72%	-2.59%
	iShares Asia/Pacific Dividend ETF	DVYA	50.63	71	6	4	4	4	3	9	8	6	8	8	9	7	8	10	11	9	8	11	U3	1	AR	AR	- 47	0.91%	7.76%	8.82%
	Franklin FTSE Asia ex Japan ETF	FLAX	34.13	48	4	7	17	17	6	8	13	6	7	6	8	4	5	7	6	5	7	8	D1	2	AR	AR	+ 1	5.22%	12.72%	9.31%
	VanEck Indonesia Index ETF	IDX	14.71	32	30	30	30	30	30	30	30	29	28	28	30	29	16	16	18	13	14	15	D3	7	AF	BF	- 18	4.03%	11.95%	-13.62%
EF-61	China				27	28	29	28	28	27	29	28	28	28	26	17	16	18	14	12	15	13	D3	8	AF	AR	- 28	4.47%	8.89%	-2.43%
	iShares MSCI China ETF	MCHI	59.29	7,020	29	29	30	29	30	29	30	30	28	29	29	27	26	26	25	22	29	25	D3	9	AF	BR	- 28	3.69%	7.39%	-5.17%
	KraneShares CSI China Internet ETF	KWEB	30.45	6,653	30	30	30	30	30	30	30	30	30	30	30	29	29	29	29	29	30	30	D3	10	AF	BF	- 28	6.10%	7.86%	-14.73%
	iShares China Large-Cap ETF	FXI	37.60	6,210	29	29	30	29	29	29	30	30	28	29	28	27	28	28	27	21	29	27	D3	9	AF	BF	- 29	3.72%	6.94%	-4.33%
	Invesco China Technology ETF	CQQQ	50.51	2,705	30	30	30	30	30	29	30	29	28	28	27	16	7	8	7	9	20	20	D3	4	AF	BR	- 11	6.05%	9.54%	-11.20%
	Xtrackers Harvest CSI 300 China A-Sh ASHR		34.78	1,662	18	17	22	20	16	8	18	18	18	19	19	16	15	14	8	5	6	6	D1	1	AR	AR	- 25	2.87%	7.45%	3.64%
	WisdomTree China ex-State-Owned E	CXSE	41.06	533	26	28	30	28	28	28	28	29	29	28	28	20	20	20	17	13	13	15	D3	8	AR	AR	+ 5	4.77%	10.00%	-1.57%
	State Street SPDR S&P China ETF	GXC	98.38	497	29	29	29	28	28	27	28	28	27	28	25	22	21	23	23	20	28	22	D3	5	AF	AR	- 28	4.20%	7.37%	-3.30%
	Franklin FTSE China ETF	FLCH	23.72	294	29	29	30	28	29	28	30	29	28	28	28	26	25	25	25	20	29	23	D3	8	AF	BR	- 28	3.58%	7.38%	-3.89%
	Direxion Daily CSI China Internet Index CWEB		30.35	280	30	30	30	30	30	30	30	30	30	30	30	28	27	28	27	24	26	28	D3	15	AF	BF	+ 16	11.83%	15.04%	-29.77%
	iShares MSCI China A ETF	CNYA	36.46	235	18	18	24	19	18	8	17	17	18	19	18	17	14	10	6	5	5	6	D1	1	AR	AR	- 12	3.34%	7.71%	2.66%
	KraneShares Bosera MSCI China A 50 KBA		32.93	189	10	15	21	20	20	16	26	23	22	24	22	17	17	12	5	4	3	4	U3	1	AR	AR	+ 1	4.64%	10.95%	5.99%
	Global X MSCI China Consumer Discr	CHIQ	21.03	160	29	29	30	29	30	29	30	30	30	30	30	29	30	29	30	29	29	30	D3	17	AF	BR	+ 1	3.75%	8.52%	-0.76%
	Invesco Golden Dragon China ETF	PGJ	27.87	120	30	30	30	30	30	28	30	30	29	30	29	24	24	25	26	19	21	23	D3	9	AF	BF	+ 13	6.25%	7.90%	-5.68%
	First Trust China AlphaDEX Fund	FCA	32.96	112	11	6	6	4	3	2	3	4	4	6	6	3	6	9	5	7	19	13	D1	4	AR	AR	- 5	1.01%	6.06%	8.01%
	iShares MSCI China Small-Cap ETF	ECNS	34.73	87	26	27	27	27	28	26	28	23	20	23	27	28	26	29	30	30	30	30	D2	5	AF	AR	- 7	2.87%	7.66%	-0.29%
	KraneShares MSCI All China Health C	KURE	17.97	85	29	27	18	27	29	29	30	30	28	29	29	30	29	28	28	30	30	30	U1	1	AF	BF	+ 2	1.25%	9.51%	-4.61%
	VanEck ChiNext ETF	CNXT	52.63	74	1	4	14	5	3	5	20	15	14	15	14	4	3	2	1	1	1	1	U3	2	AR	AR	+ 1	8.43%	15.87%	13.55%
	KraneShares MSCI China Clean Techn	KGRN	29.76	65	18	17	14	11	14	8	28	30	28	29	29	30	29	30	30	29	30	30	U3	1	AR	AR	+ 6	2.48%	5.46%	7.63%
	Xtrackers Harvest CSI 500 China A-Sh ASHS		43.91	37	7	8	14	6	4	2	3	2	4	4	4	2	2	1	1	3	3	3	D1	4	AR	AR	- 6	4.02%	9.50%	3.07%
FIXED INCOME - Bonds (US)																														
EF-62	Broad Bond Market				28	26	20	16	15	20	22	24	25	25	27	19	20	21	19	16	14	15	D2	4	AR	AR	- 6	0.62%	1.80%	0.73%
	Vanguard Total Bond Market ETF	BND	74.06	153,276	28	26	20	15	15	19	23	25	25	26	27	20	21	22	20	17	15	17	D1	1	AR	AR	- 59	0.57%	1.56%	0.79%
	iShares Core U.S. Aggregate Bond ET	AGG	99.85	136,395	28	26	20	15	15	19	23	25	25	26	27	20	21	22	20	17	15	17	D1	1	AR	AR	- 59	0.53%	1.55%	0.78%
	iShares Core Total USD Bond Market f	IUSB	46.53	36,563	28	26	20	15	15	19	23	25	25	26	27	20	21	22	20	17	15	17	D1	1	AR	AR	- 60	0.61%	1.67%	0.83%
	Vanguard Intermediate-Term Bond ET	BIV	77.65	28,533	29	26	20	16	15	19	23	25	25	26	27	20	22	22	21	17	15	17	D2	3	AR	AR	- 59	0.64%	1.61%	0.88%
	Schwab US Aggregate Bond ETF	SCHZ	23.36	10,082	28	26	19	15	15	19	23	25	25	26	27	19	21	22	20	17	15	17	D1	1	AR	AR	- 59	0.56%	1.60%	0.82%
	State Street SPDR Portfolio Aggregate	SPAB	25.75	9,981	28	26	19	15	15	19	23	25	25	26	27	20	21	22	20	17	15	17	D1	1	AR	AR	- 59	0.51%	1.53%	0.79%
	PIMCO Active Bond Exchange-Traded	BOND	93.05	7,869	27	25	20	15	15	19	21	24	25	24	25	19	21	21	19	16	15	16	D1	1	AR	AR	- 60	0.58%	1.89%	0.71%
	Vanguard Long-Term Bond ETF	BLV	69.42	5,928	29	27	22	22	22	26	24	23	25	24	28	21	21	22	21	18	16	18	D3	4	AR	AR	- 37	0.74%	2.62%	0.39%
	iShares Core 10+ Year USD Bond ETF	ILTB	49.61	615	29	27	23	22	22	26	24	24	25	24	28	21	21	22	21	17	15	18	D3	4	AR	AR	- 38	0.87%	2.80%	0.47%
	iShares Agency Bond ETF	AGZ	110.17	556	28	25	19	13	13	19	23	25	25	27	27	20	21	22	21	17	15	17	U3	1	AR	AR	- 126	0.50%	1.08%	0.80%
	Vident U.S. Bond Strategy ETF	VBND	43.87	509	28	26	22	17	16	20	24	25	25	26	27	20	21	22	21	17	16	18	D2	4	AR	AR	- 7	0.66%	1.87%	0.76%
	EF-63	U.S. Government				29	27	22	18	18	20	22	23	26	25	28	20	21	22	20	17	15	17	D2	4	BR	AR	- 6	0.59%	1.46%
iShares 7-10 Year Treasury Bond ETF		IEF	95.93	48,780	29	26	21	17	15	19	23	24	25	26	28	20	22	23	21	17	15	17	D2	3	AR	AR	- 57	0.69%	1.44%	0.95%

				Relative Strength Ranking - RSR																				% Price Δ						
			MKT	04/17	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	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	87.07	42,394	29	27	23	21	22	24	24	23	25	24	28	22	22	23	22	19	17	18	D3	4	BR	AR	- 32	0.67%	1.85%	0.28%
	iShares U.S. Treasury Bond ETF	GOVT	22.99	41,076	29	26	20	15	14	19	23	25	25	26	28	20	22	23	21	17	16	18	D2	3	AR	AR	- 58	0.50%	1.20%	0.72%
	Vanguard Intermediate-Term Treasury	VGIT	59.76	40,141	29	26	20	15	14	17	23	25	25	26	27	20	22	23	21	17	16	17	D2	3	AR	AR	- 59	0.56%	1.16%	0.89%
	iShares 3-7 Year Treasury Bond ETF	IEI	119.02	18,829	29	26	20	14	13	17	23	25	25	27	27	20	22	23	21	17	16	18	D2	3	AR	AR	- 60	0.51%	1.10%	0.84%
	Schwab Intermediate-Term US Treasu	SCHR	25.01	12,883	29	26	20	15	14	17	23	25	25	26	28	20	22	23	21	17	16	18	D2	3	AR	AR	- 59	0.56%	1.21%	0.93%
	State Street SPDR Portfolio Intermedia	SPTI	28.76	10,147	29	26	20	15	14	17	23	25	25	26	27	20	22	23	21	17	16	18	D2	3	AR	AR	- 59	0.52%	1.17%	0.91%
	Vanguard Long-Term Treasury ETF	VGLT	55.65	10,026	29	27	23	20	21	24	23	23	25	24	28	22	22	23	21	18	16	18	D2	1	BR	AR	- 33	0.71%	2.00%	0.37%
	PIMCO 25+ Year Zero Coupon US Tre	ZROZ	63.61	1,391	30	28	25	25	26	27	26	22	25	24	29	24	24	24	23	21	18	21	D3	4	BF	BR	+ 4	0.36%	1.39%	-0.76%
Invesco Equal Weight 0-30 Year Treas	GOVI	27.49	1,160	29	27	22	18	20	23	24	23	25	26	28	21	22	23	21	18	16	18	D2	2	AR	AR	- 37	0.70%	1.77%	0.47%	
Invesco Taxable Municipal Bond ETF	BAB	27.16	1,047	29	26	22	15	17	19	21	23	25	26	27	20	21	21	19	16	15	16	D2	4	AR	AR	- 43	0.70%	1.78%	0.54%	
EF-64	Credit				27	25	20	17	17	23	24	25	26	26	26	18	20	21	19	16	14	15	D2	5	AR	AR	- 7	0.69%	2.22%	0.66%
	Vanguard Intermediate-Term Corporat	VCIT	83.48	65,369	28	26	20	17	17	22	23	25	25	26	27	19	21	22	20	16	15	16	D2	4	AR	AR	- 61	0.64%	2.04%	0.81%
	iShares iBoxx \$ Investment Grade Cor	LQD	110.04	33,529	28	26	21	19	20	24	24	25	25	26	27	20	21	22	21	17	15	18	D2	4	AR	AR	- 58	0.77%	2.45%	0.65%
	iShares 5-10 Year Investment Grade C	IGIB	53.71	17,872	27	26	20	17	17	21	23	25	25	26	26	19	21	22	20	16	15	16	D2	4	AR	AR	- 62	0.71%	2.13%	0.85%
	State Street SPDR Portfolio Intermedia	SPIB	33.73	10,969	28	25	19	15	14	19	23	25	25	26	26	19	21	22	20	16	15	17	D1	1	AR	AR	- 124	0.51%	1.54%	0.79%
	Vanguard Long-Term Corporate Bond	VCLT	75.75	7,598	29	27	22	22	24	26	26	25	25	26	28	20	21	22	21	18	15	18	D3	5	AR	AR	- 41	1.01%	3.47%	0.35%
	iShares 10+ Year Investment Grade Co	IGLB	50.34	2,648	29	27	22	22	24	26	26	25	25	26	28	20	21	22	21	18	15	18	D3	5	AR	AR	- 41	1.02%	3.45%	0.31%
	iShares 0-5 Year Investment Grade Co	SLQD	50.60	2,335	28	24	18	13	12	17	22	25	25	27	27	19	21	22	21	17	15	17	D1	4	AR	AR	- 171	0.34%	0.93%	0.79%
	State Street SPDR Portfolio Corporate	SPBO	29.27	1,952	28	26	20	17	17	24	24	25	25	26	27	19	21	22	20	17	15	17	D2	4	AR	AR	- 60	0.69%	2.17%	0.75%
	iShares Aaa-A Rated Corporate Bond	IQLTA	47.94	1,685	29	26	20	18	18	24	24	25	25	26	27	20	21	22	21	17	15	18	D2	4	AR	AR	- 58	0.59%	2.04%	0.61%
	PIMCO Investment Grade Corporate B	CORP	97.69	1,644	28	26	20	17	17	22	24	25	25	26	27	19	21	22	20	17	15	17	D2	4	AR	AR	- 61	0.65%	2.08%	0.75%
	State Street SPDR Portfolio Long Term	SPLB	22.55	1,300	29	27	22	22	24	27	26	25	25	26	28	20	21	22	21	18	16	18	D3	5	AR	AR	- 40	1.12%	3.43%	0.33%
	WisdomTree Yield Enhanced U.S. Agg	AGGY	44.00	893	28	26	20	16	16	21	23	25	25	26	27	20	21	22	20	17	15	17	D2	4	AR	AR	- 59	0.73%	1.88%	0.76%
	iShares Interest Rate Hedged Corpora	LQDH	92.82	506	26	22	17	14	13	22	25	25	25	27	25	19	20	21	19	15	14	16	U3	1	AR	AR	- 177	0.35%	1.83%	0.30%
	iShares Interest Rate Hedged High Yie	HYGH	86.70	473	25	20	15	13	12	17	24	25	25	26	25	19	20	20	18	16	15	17	U3	1	AR	AR	- 49	0.98%	2.58%	1.42%
	ProShares Investment Grade-Interest	IIGHG	78.24	276	26	22	17	14	13	21	25	27	25	28	26	19	21	22	20	16	15	17	U3	1	AR	AR	- 178	0.27%	1.41%	0.64%
	Invesco Global ex-US High Yield Corp	PGHY	19.95	214	25	21	17	15	14	18	24	24	25	26	25	19	20	21	18	16	15	16	D1	1	AR	AR	- 175	0.93%	2.97%	1.37%
Invesco Fundamental Investment Grac	PFIG	24.21	114	28	25	19	14	13	19	22	25	25	26	26	19	21	22	20	16	15	18	D1	1	AR	AR	- 124	0.47%	1.39%	0.71%	
EF-65	Asset Allocation				21	22	23	23	21	19	19	21	21	21	20	15	17	17	15	12	12	12	D2	4	AR	AR	+ 1	3.28%	6.65%	2.49%
	iShares Core 80/20 Aggressive Allocat	AOA	94.61	3,028	18	18	22	24	23	22	22	20	19	19	19	14	16	17	14	12	11	14	D1	1	AR	AR	- 47	3.30%	8.92%	3.69%
	iShares Core 40/60 Moderate Allocatio	AOM	49.05	1,729	23	20	22	20	20	20	23	22	22	23	23	17	19	20	17	14	13	15	D1	1	AR	AR	- 49	1.98%	5.34%	2.26%
	WBI BullBear Quality 3000 ETF	WBIL	36.10	29	23	27	27	26	25	24	26	21	21	22	20	22	23	22	20	20	19	18	D2	5	AR	AR	- 7	4.10%	6.46%	1.21%
	WBI BullBear Yield 3000 ETF	WBIG	24.33	28	24	25	17	16	15	15	15	22	22	21	22	17	18	19	16	14	12	14	D1	1	AR	AR	- 33	2.42%	3.93%	1.84%
	VanEck Long/Flat Trend ETF	LFEQ	56.44	28	19	23	27	27	27	26	26	25	24	26	23	19	21	20	17	16	9	18	D3	3	AR	AR	+ 1	4.55%	9.49%	2.78%
	WBI BullBear Value 3000 ETF	WBIF	32.95	24	20	21	19	20	16	12	12	18	19	20	19	23	23	22	23	23	23	20	D1	1	AR	AR	- 6	3.33%	5.81%	2.98%
EF-66	Mortgages				26	23	18	13	10	16	20	24	25	25	25	18	20	21	18	15	14	15	D1	4	AR	AR	- 6	0.50%	1.52%	1.13%
	iShares MBS ETF	MBB	95.55	38,965	26	24	17	14	13	17	21	23	25	23	26	19	21	21	18	16	15	16	D1	1	AR	AR	- 59	0.61%	1.84%	1.02%
	Vanguard Mortgage-Backed Securities	VMBS	47.26	15,277	26	23	17	14	13	16	21	24	25	23	25	19	21	21	19	16	15	16	D1	4	AR	AR	- 60	0.57%	1.81%	1.21%
	State Street SPDR Portfolio Mortgage	SPMB	22.54	6,965	26	23	17	14	13	17	21	24	25	23	25	19	21	21	19	16	15	16	D1	2	AR	AR	- 59	0.54%	1.76%	1.03%
	First Trust Low Duration Opportunities	LMBS	50.18	6,167	27	23	17	11	12	15	21	25	25	26	26	19	21	21	19	16	15	16	D1	4	AR	AR	- 170	0.38%	0.94%	0.93%
	FlexShares iBoxx 5 Year Target Durati	TDTF	24.29	1,017	27	24	18	14	12	16	21	25	25	27	28	20	22	23	22	18	17	18	D1	3	AR	AR	- 61	0.52%	1.00%	1.61%
	iShares GNMA Bond ETF	GNMA	44.72	414	26	22	17	14	13	16	20	23	25	25	25	19	21	21	19	16	15	16	D1	2	AR	AR	- 59	0.42%	1.82%	1.15%
	FlexShares Disciplined Duration MBS	MBSD	20.83	94	27	24	18	14	13	17	22	25	25	26	26	19	21	22	19	16	15	17	D1	1	AR	AR	- 60	0.48%	1.47%	0.94%

		Relative Strength Ranking - RSR																				% Price Δ							
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-66	Mortgages																												
EF-67	Inflation			28	25	19	14	10	17	22	26	27	27	27	19	21	22	21	17	16	17	D1	1	AR	AR	- 5	0.38%	1.09%	1.20%
	Vanguard Short-Term Inflation-Protection VTIPI	50.16	17,512	27	22	17	12	12	15	21	25	28	28	28	20	22	23	22	18	17	18	U3	73	AR	AR	- 162	0.22%	0.53%	1.46%
	Schwab US TIPS ETF SCHP	26.85	15,651	27	25	19	15	13	17	22	25	25	27	28	20	22	23	22	18	17	19	D1	1	AR	AR	- 61	0.45%	1.12%	1.35%
	iShares 0-5 Year TIPS Bond ETF STIP	103.71	14,867	27	22	17	12	12	15	21	25	28	28	28	20	22	23	22	18	17	18	U3	73	AR	AR	- 161	0.25%	0.57%	1.48%
	iShares TIPS Bond ETF TIP	111.48	14,604	28	25	19	15	10	16	21	25	28	27	27	29	29	29	28	29	28	27	D1	1	AR	AR	+ 1	0.41%	1.14%	1.33%
	State Street SPDR Bloomberg 1-10 Year TIPS TIPX	19.28	1,864	27	24	17	13	12	16	21	25	25	27	28	20	22	23	22	18	17	18	U3	1	AR	AR	- 123	0.47%	0.94%	1.47%
	State Street SPDR Portfolio TIPS ETF SPII	26.16	999	28	25	19	15	14	17	23	25	25	27	28	20	22	23	22	18	17	19	D1	1	AR	AR	- 60	0.38%	1.52%	1.19%
	PIMCO 15+ Year US TIPS Index Exchange LTPZ	51.92	692	29	27	25	25	25	26	26	25	25	26	28	22	22	23	22	19	18	20	D3	4	BF	BR	- 33	0.50%	2.20%	-0.29%
	PIMCO 1-5 Year US TIPS Index Exchange STPZ	54.33	438	27	23	17	13	12	16	22	25	28	28	28	20	22	23	22	18	17	19	U3	18	AR	AR	- 160	0.32%	0.65%	1.42%
	PIMCO Broad U.S. TIPS Index ETF TIPZ	53.50	117	28	25	19	15	13	17	22	25	25	27	28	20	22	23	22	18	17	19	D1	1	AR	AR	- 60	0.41%	1.10%	1.28%
EF-68	Short Duration			27	23	17	10	6	16	21	26	26	26	26	18	20	21	20	16	15	16	U3	1	AR	AR	- 29	0.22%	0.67%	0.87%
	State Street SPDR Bloomberg 1-3 Month Treasury BIL	91.55	48,005	27	22	16	12	12	15	22	25	25	27	27	19	21	22	21	17	16	18	U3	204	AR	AR	- 204	0.07%	0.27%	0.87%
	Vanguard Short-Term Bond ETF BSV	78.57	44,618	29	25	19	13	13	17	23	25	25	27	27	19	21	22	21	17	16	18	D1	3	AR	AR	- 129	0.38%	0.91%	0.77%
	Vanguard Short-Term Corporate Bond VCSH	79.52	42,466	28	25	18	14	13	17	23	25	25	26	26	19	21	22	21	16	15	17	D1	2	AR	AR	- 171	0.40%	1.15%	0.79%
	Vanguard Short-Term Treasury ETF VGSX	58.58	28,806	29	25	18	13	12	16	23	25	25	27	27	19	21	22	21	17	16	18	D1	3	AR	AR	- 169	0.27%	0.66%	0.69%
	iShares 1-3 Year Treasury Bond ETF SHY	82.64	25,718	29	25	18	13	12	16	23	25	25	27	27	20	21	22	21	17	16	18	D1	3	AR	AR	- 168	0.28%	0.70%	0.69%
	iShares 1-5 Year Investment Grade Corporate IGSB	52.71	22,020	28	25	18	14	13	17	22	25	25	26	26	19	21	22	21	16	15	17	D1	4	AR	AR	- 171	0.36%	1.12%	0.74%
	iShares Trust iShares 0-1 Year Treasury SHV	110.28	20,854	28	22	16	12	12	15	22	25	25	27	27	19	21	22	21	17	16	18	U3	192	AR	AR	- 191	0.07%	0.29%	0.86%
	WisdomTree Floating Rate Treasury Fund USFR	50.42	17,174	27	22	16	6	11	15	21	25	25	27	27	19	21	22	21	17	16	18	U3	220	AR	AR	- 220	0.06%	0.24%	0.89%
	PIMCO Enhanced Short Maturity Active MINT	100.54	15,521	27	22	16	12	11	15	21	25	25	27	27	19	21	22	21	17	16	18	U3	177	AR	AR	- 175	0.11%	0.31%	0.99%
	Schwab Short-Term US Treasury ETF SCHO	24.30	12,048	29	25	18	13	12	16	23	25	25	27	27	19	21	22	21	17	16	18	D1	3	AR	AR	- 168	0.33%	0.68%	0.71%
	State Street SPDR Portfolio Short Term SPSB	30.12	10,069	28	24	18	13	12	17	22	25	25	27	27	19	21	22	21	16	15	17	D1	4	AR	AR	- 171	0.23%	0.85%	0.72%
	iShares Floating Rate Bond ETF FLOT	50.85	9,239	27	22	16	12	12	16	22	25	25	27	27	19	21	22	21	17	16	18	U3	50	AR	AR	- 187	-0.04%	0.31%	0.80%
	iShares Ultra Short Duration Bond Active ICSH	50.58	7,266	27	22	16	12	12	15	22	25	25	27	27	19	21	22	21	17	16	18	U3	193	AR	AR	- 191	0.10%	0.40%	0.87%
	iShares Treasury Floating Rate Bond ETF FTFO	50.57	6,736	27	22	16	12	12	15	22	25	25	27	27	19	21	22	21	17	16	18	U3	220	AR	AR	- 220	0.06%	0.24%	0.90%
	First Trust Enhanced Short Maturity ETF FTSM	59.92	6,456	28	23	17	12	12	16	22	25	25	27	27	19	21	22	21	17	16	18	U3	192	AR	AR	- 191	0.08%	0.42%	0.86%
	State Street SPDR Portfolio Short Term SPTS	29.20	6,208	29	25	18	13	12	16	23	25	25	27	27	19	21	22	21	17	16	18	D1	3	AR	AR	- 168	0.31%	0.65%	0.70%
	iShares Core 1-5 Year USD Bond ETF ISTB	48.61	4,754	28	25	19	13	13	17	23	25	25	27	27	19	21	22	21	17	16	17	D1	4	AR	AR	- 170	0.41%	0.99%	0.79%
	iShares Short Duration Bond Active ET NEAR	50.95	4,298	28	25	18	13	12	17	23	25	25	27	27	19	21	22	21	16	15	17	D1	4	AR	AR	- 186	0.32%	0.91%	0.74%
	State Street SPDR Bloomberg Investment FLRN	30.73	2,815	27	22	17	12	12	16	21	25	25	27	27	19	21	22	21	17	16	18	U3	50	AR	AR	- 188	0.00%	0.32%	0.84%
	VanEck IG Floating Rate ETF FLTR	25.45	2,667	27	22	17	12	12	15	21	25	25	27	26	19	21	22	20	16	16	17	U3	50	AR	AR	- 186	0.00%	0.33%	0.84%
	FlexShares iBoxx 3 Year Target Duration TDTT	24.35	2,569	27	23	17	13	12	16	22	25	28	28	28	20	22	23	22	18	17	19	U3	19	AR	AR	- 127	0.33%	0.66%	1.50%
	State Street Ultra Short Term Bond ETF ULST	40.47	602	28	23	17	12	12	16	22	25	25	27	27	19	21	22	21	17	16	18	U3	189	AR	AR	- 189	0.14%	0.45%	0.78%
	Fidelity Limited Term Bond ETF FLTB	50.60	392	28	25	18	14	13	17	22	25	25	27	27	19	21	22	21	16	15	17	D1	4	AR	AR	- 170	0.45%	1.05%	0.79%
	Franklin Short Duration U.S. Government FTSD	90.86	282	27	23	17	12	12	16	21	25	25	27	26	19	21	22	20	16	15	17	U3	2	AR	AR	- 168	0.33%	0.60%	0.84%
	WisdomTree Interest Rate Hedged High Yield HYZD	22.62	226	25	20	16	11	12	17	24	25	25	26	25	18	20	21	18	15	15	16	U3	1	AR	AR	- 49	0.75%	2.22%	1.30%
	WisdomTree Interest Rate Hedged U.S. AGZD	22.62	93	26	20	15	6	12	15	21	25	25	27	27	19	21	21	20	17	16	16	U3	48	AR	AR	- 179	0.02%	0.79%	1.21%
EF-69	Municipal Bonds			28	24	20	14	11	15	20	23	24	24	24	18	20	20	17	14	14	15	D1	1	AR	AR	- 7	0.36%	1.31%	0.53%
	iShares National Muni Bond ETF MUB	107.37	43,721	28	25	20	15	14	16	21	24	25	25	25	19	20	21	18	15	15	16	D1	1	AR	AR	- 33	0.50%	1.65%	0.57%
	Vanguard Tax-Exempt Bond ETF VTEB	50.45	42,456	27	25	20	15	13	16	21	24	25	25	25	19	20	21	18	15	15	16	D1	1	AR	AR	- 33	0.42%	1.59%	0.56%
	iShares Short-Term National Muni Bond SUB	106.71	11,023	29	25	19	13	12	16	24	25	25	27	27	19	21	22	21	17	17	18	D1	3	AF	AR	- 127	0.14%	0.39%	0.22%
	VanEck High Yield Muni ETF HYD	51.18	4,115	26	21	18	18	15	17	23	25	25	26	25	19	20	20	17	14	14	15	D1	1	AR	AR	- 30	0.37%	2.60%	0.71%
	Invesco National AMT-Free Municipal EPZA	23.41	3,995	26	23	19	15	15	16	21	23	25	24	24	18	20	20	18	14	14	15	D1	1	AR	AR	- 30	0.64%	2.32%	1.28%

		Relative Strength Ranking - RSR																				% Price Δ								
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month		
EF-69	Municipal Bonds																													
	State Street SPDR Nuveen ICE Short T	SHM	47.99	3,429	29	25	19	13	12	16	23	25	25	27	27	19	21	22	21	17	17	18	D1	3	BF	AR	- 124	0.13%	0.41%	0.17%
	State Street SPDR Nuveen ICE Munci	TFI	45.76	3,077	28	25	20	15	14	16	21	24	25	24	25	19	21	21	18	15	15	16	D2	3	AF	AR	- 34	0.42%	1.58%	0.51%
	State Street SPDR Nuveen ICE High Y	HYMB	25.19	2,887	26	21	17	15	14	15	19	23	24	24	25	19	20	20	18	15	15	15	D1	1	AR	AR	- 29	0.48%	2.47%	1.11%
	PIMCO Intermediate Municipal Bond A	MUNI	52.56	2,834	29	25	20	14	13	16	21	25	25	24	25	19	21	21	19	16	15	16	D1	1	AF	AR	- 38	0.36%	1.08%	0.49%
	VanEck Intermediate Muni ETF	ITM	46.99	2,178	29	26	22	17	14	16	20	23	24	23	24	18	20	21	18	15	14	15	D2	3	AF	AR	- 38	0.49%	1.25%	0.04%
	First Trust Managed Municipal ETF	FMB	51.33	2,010	27	24	20	14	13	15	19	23	24	23	24	18	20	21	18	15	14	15	D1	1	AR	AR	- 33	0.33%	1.31%	0.66%
	Franklin Dynamic Municipal Bond ETF	FLMI	25.02	1,959	27	23	18	14	13	15	18	23	23	23	24	18	20	20	18	15	14	15	D1	1	AR	AR	- 40	0.34%	1.43%	0.82%
	iShares Short Maturity Municipal Bond	MEAR	50.34	1,352	29	25	18	13	12	16	23	25	25	27	27	20	21	22	21	17	17	18	D1	3	AR	AR	- 193	0.12%	0.28%	0.42%
	PIMCO Short Term Municipal Bond Act	SMMU	50.54	1,059	29	25	18	13	12	16	22	25	25	27	27	19	21	22	21	17	17	18	D1	3	AR	AR	- 173	0.13%	0.44%	0.44%
	VanEck Short High Yield Muni ETF	SHYD	22.70	423	29	26	21	14	13	16	23	25	25	26	26	19	21	21	19	16	15	17	D2	3	BF	AR	- 45	0.04%	0.60%	-0.49%
	VanEck CEF Muni Income ETF	XMPT	21.99	207	26	22	23	22	15	14	17	21	22	20	23	17	20	18	16	13	14	14	D2	3	AR	AR	- 32	0.59%	2.66%	0.43%
	Franklin Municipal Green Bond ETF	FLMB	23.92	86	27	22	19	16	14	15	20	23	24	23	24	18	20	20	18	14	14	15	D1	1	AR	AR	- 31	0.16%	1.76%	0.75%
	Invesco Floating Rate Municipal Incom	PVI	24.75	31	29	26	17	6	12	16	25	25	28	28	28	20	22	23	22	17	17	19	U3	206	BR	AR	- 204	0.04%	-0.21%	0.08%
	First Trust Flexible Municipal High Inco	MFLX	17.24	19	25	23	20	15	12	13	18	23	24	23	24	18	20	20	18	15	14	15	D1	4	AR	AR	- 31	1.08%	1.30%	1.65%
	FIXED INCOME - Bonds (Intl)																													
EF-70	High Yield																													
	iShares iBoxx \$ High Yield Corporate B	HYG	80.65	17,558	26	22	18	15	15	20	25	25	25	26	25	19	20	21	19	16	15	17	U3	1	AR	AR	- 172	0.86%	2.69%	0.93%
	iShares 0-5 Year High Yield Corporate	SHYG	42.71	7,590	26	22	17	15	14	19	25	25	25	27	26	19	21	21	19	16	15	16	U3	1	AR	AR	- 176	0.78%	2.42%	0.96%
	State Street SPDR Bloomberg High Yie	JNK	97.08	7,249	25	22	17	16	15	20	24	25	25	26	25	19	20	21	18	15	15	16	U3	1	AR	AR	- 171	0.87%	2.81%	0.91%
	Invesco Senior Loan ETF	BKLN	20.67	6,583	27	26	20	13	13	20	27	28	28	28	28	20	21	21	18	15	14	16	U2	1	AR	AR	- 177	0.88%	1.45%	-0.30%
	State Street Blackstone Senior Loan E	SRLN	40.52	4,810	27	26	21	16	15	24	27	28	28	28	28	20	21	21	19	15	15	16	U1	1	AR	AR	+ 2	0.92%	1.83%	-0.40%
	State Street SPDR Bloomberg Short Tr	SJNK	25.23	4,695	26	22	17	15	14	19	25	25	25	27	26	19	21	21	19	16	15	17	U3	1	AR	AR	- 175	0.80%	2.35%	0.87%
	VanEck Fallen Angel High Yield Bond F	ANGL	29.40	3,061	25	22	20	20	20	24	25	25	24	23	25	19	20	21	18	15	15	16	D1	1	AR	AR	- 49	0.94%	3.93%	1.02%
	PIMCO 0-5 Year High Yield Corporate	IHYS	94.29	1,688	26	22	17	15	13	19	25	25	25	27	26	19	20	21	18	15	14	16	U3	1	AR	AR	- 175	0.87%	2.31%	0.82%
	First Trust Tactical High Yield ETF	HYLS	41.30	1,654	27	26	22	17	17	24	26	27	28	28	28	19	21	21	19	16	15	17	D3	2	AR	AR	- 169	0.98%	2.29%	0.07%
	iShares J.P. Morgan EM High Yield Boi	EMHY	40.65	589	24	20	21	19	18	19	20	23	22	22	23	17	18	20	17	13	12	14	D1	1	AR	AR	- 126	1.42%	4.49%	2.05%
	Principal Active High Yield ETF	YLD	19.04	525	25	20	17	14	13	18	22	25	25	26	25	19	20	21	20	17	16	18	U3	1	AR	AR	- 47	0.63%	2.25%	1.26%
	iShares CMBS ETF	CMBS	48.87	498	29	26	20	14	12	16	20	24	25	26	26	19	21	22	21	16	16	17	D2	3	BF	AR	- 123	0.23%	0.38%	0.19%
	SPDR Bloomberg International Corpora	IBND	32.08	464	26	26	27	22	24	27	27	25	25	23	25	18	20	23	22	17	16	19	D2	5	AF	AR	- 55	1.13%	4.14%	1.24%
	Invesco International Corporate Bond E	PICB	23.85	361	26	26	25	22	21	26	25	23	24	23	24	17	20	22	21	17	15	18	D2	4	AF	AR	- 55	1.06%	3.42%	1.08%
	Invesco Bloomberg Enhanced Fallen A	IFLN	18.47	288	26	25	23	21	22	24	26	25	25	26	25	19	20	21	19	15	15	16	D3	1	AF	AR	- 173	0.79%	3.65%	0.14%
	iShares US & Intl High Yield Corp Bonc	GHYG	45.86	206	26	22	21	19	17	24	26	25	25	26	26	18	20	21	19	16	15	17	D2	4	AR	AR	- 127	0.79%	2.87%	0.65%
	ProShares High Yield-Interest Rate He	HYHG	64.79	167	25	20	15	14	12	18	24	25	25	27	25	18	20	21	20	16	15	17	U3	1	AR	AR	- 46	1.05%	2.01%	1.47%
	RiverFront Strategic Income Fund	RIGS	22.94	66	28	27	20	15	13	19	22	25	25	26	26	19	21	24	20	17	16	18	D2	3	AR	AR	- 6	1.04%	1.36%	1.97%
	VanEck International High Yield Bond E	IHY	21.98	51	25	23	23	20	20	24	25	25	25	24	24	18	20	21	20	16	15	17	D2	4	AF	AR	- 126	1.08%	3.56%	1.18%
EF-71	Intl Sovereign Debt																													
	iShares JP Morgan USD Emerging Mar	EMB	96.67	14,752	25	22	23	20	21	21	22	23	23	23	24	18	20	21	18	14	13	14	D2	4	AR	AR	- 124	1.23%	4.28%	1.82%
	Vanguard Emerging Markets Governm	VWOB	67.51	6,046	25	23	23	20	21	22	23	23	24	23	24	19	20	21	18	14	13	14	D2	4	AR	AR	- 123	1.23%	4.06%	1.64%
	VanEck J. P. Morgan EM Local Curren	EMLC	26.09	5,023	23	18	23	20	21	24	23	21	21	19	21	15	17	20	17	13	13	14	D1	1	AR	AR	- 58	1.08%	5.24%	2.11%
	SPDR Bloomberg Emerging Markets L	EBND	21.46	2,365	25	22	25	22	22	26	25	22	23	21	24	17	19	21	18	15	14	16	D2	4	AR	AR	- 59	1.27%	4.95%	1.59%
	SPDR Bloomberg International Treasur	BWX	22.42	1,540	29	27	27	23	23	27	27	25	25	24	28	19	22	24	24	19	18	22	D3	5	AF	BF	+ 4	1.13%	2.49%	0.91%
	Invesco Emerging Markets Sovereign	PCY	21.77	1,367	25	24	24	23	25	24	24	23	23	23	25	19	20	21	18	13	12	14	D2	1	AR	AR	- 43	1.49%	5.48%	2.09%
	iShares International Treasury Bond E	IGOV	42.13	1,178	27	26	25	22	21	26	26	23	24	23	25	26	28	29	29	29	29	28	D2	5	AF	AR	- 6	1.23%	2.88%	1.49%
	iShares J.P. Morgan EM Local Currenc	LEMB	42.56	741	25	20	23	20	20	24	22	20	21	19	20	18	20	24	23	19	18	20	D2	4	AR	AR	- 7	1.29%	4.75%	1.89%
	SPDR FTSE International Government	WIP	40.82	500	22	17	18	14	13	19	16	18	20	18	19	14	16	19	17	15	14	17	D1	2	AR	AR	- 54	0.99%	4.63%	3.07%

			Relative Strength Ranking - RSR																				% Price Δ						
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	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	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
EF-71	Intl Sovereign Debt																												
	First Trust Emerging Markets Local Cui FEMB	30.22	372	23	20	24	20	22	22	24	19	19	19	20	15	17	19	17	13	13	15	D2	4	AF	AR	- 56	1.42%	5.63%	2.28%
	SPDR Bloomberg Short Term Internati BWZ	27.47	324	27	26	24	19	18	24	26	25	25	23	26	18	21	24	23	19	18	21	D2	4	AF	AR	- 12	0.92%	2.27%	1.35%
	ALTERNATIVES																												
EF-72	Currency			25	22	22	13	7	18	21	23	24	22	24	16	19	22	21	16	15	18	D1	2	AR	AR	- 6	0.83%	1.53%	2.46%
	Invesco CurrencyShares Swiss Franc FFX	112.95	542	27	26	24	15	8	19	18	22	24	21	24	22	26	29	29	27	27	27	D2	3	AF	AR	- 6	0.96%	0.84%	2.57%
	Invesco CurrencyShares Euro Trust FXE	108.65	473	27	23	24	16	15	26	26	25	25	26	26	19	21	24	23	17	16	18	D2	5	AF	AR	- 55	0.36%	1.93%	1.69%
	Invesco CurrencyShares Japanese Yen FXY	57.89	469	29	27	27	22	24	27	28	28	28	28	29	29	29	30	30	30	30	30	D3	6	BF	BF	+ 1	0.43%	0.40%	-0.50%
	Invesco CurrencyShares Australian Dollar FXA	71.05	107	16	12	10	11	7	10	12	16	17	17	18	13	16	21	18	15	14	17	D1	3	AR	AR	- 48	1.38%	2.29%	7.60%
	Invesco CurrencyShares Canadian Dollar FXC	71.33	78	28	26	23	14	12	15	18	25	25	26	25	18	21	24	23	17	15	19	D2	2	AF	AR	- 16	1.05%	0.07%	1.64%
	Invesco CurrencyShares British Pound FXB	129.99	65	26	21	23	14	12	22	24	25	25	23	24	17	20	23	21	17	15	19	D1	2	AF	AR	- 17	0.39%	1.53%	1.55%
	WisdomTree Emerging Currency Strategic CEW	19.56	16	23	18	17	11	10	16	20	22	22	19	22	20	21	25	23	20	19	22	D1	2	AR	AR	+ 1	1.24%	3.63%	2.67%
EF-73	Commodities			7	4	2	2	2	2	1	2	3	5	4	4	4	5	5	5	5	4	U3	1	AR	AR	- 5	1.07%	4.79%	7.28%
	SPDR Gold Shares GLD	445.93	165,529	15	12	6	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	4	BF	AR	- 6	2.01%	7.87%	5.85%
	iShares Gold Trust IAU	91.34	75,168	15	12	6	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	4	BF	AR	- 6	1.99%	7.84%	5.88%
	Sprott Physical Gold Trust Units PHYS	36.81	17,547	15	12	6	9	7	2	1	1	1	1	2	1	1	1	1	1	1	1	D1	4	BF	AR	- 6	2.00%	8.74%	5.08%
	abrdn Physical Gold Shares ETF SGOL	46.24	8,332	15	12	6	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	4	BF	AR	- 6	1.99%	7.84%	5.89%
	abrdn Physical Silver Shares ETF SIVR	77.32	5,590	1	3	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	5	AR	AR	- 11	6.49%	19.62%	-9.09%
	State Street SPDR S&P Global Natural Gas GNR	74.54	4,871	4	1	1	2	2	1	2	1	2	1	3	3	3	3	5	4	4	5	U3	44	AR	AR	- 5	-1.00%	6.74%	12.02%
	abrdn Physical Precious Metals Basket GLTR	230.60	3,136	7	7	6	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	4	AR	AR	- 10	3.64%	12.02%	-1.22%
	VanEck Merk Gold ETF OUNZ	46.69	2,950	15	12	6	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	4	BF	AR	- 6	1.97%	7.83%	5.90%
	abrdn Physical Platinum Shares ETF PPLT	192.47	2,685	11	12	8	21	5	4	3	1	1	2	1	1	1	1	1	1	1	1	D2	3	AR	AR	- 11	3.37%	10.46%	-8.03%
	First Trust Global Tactical Commodity Fund FTGC	28.28	2,574	1	1	1	1	3	3	4	12	16	18	16	7	9	14	14	13	10	14	U3	33	AR	AR	- 78	0.14%	0.09%	19.52%
	Invesco DB Commodity Index Tracking DBC	28.29	1,687	1	1	1	1	1	1	1	7	11	15	14	4	6	17	19	21	19	19	U3	33	AR	AR	+ 27	-0.74%	-2.25%	22.15%
	VanEck Agribusiness ETF MOO	83.28	1,237	11	3	2	2	3	2	3	4	3	2	4	4	6	10	20	21	24	24	U3	14	BR	AR	- 5	-2.02%	3.85%	7.51%
	Invesco DB Agriculture Fund DBA	26.92	1,149	22	15	5	3	3	6	10	25	26	28	28	29	29	29	28	29	29	28	U3	9	AR	AR	+ 18	0.11%	0.26%	5.16%
	iShares U.S. ETF Trust iShares GSCI (COMT)	31.99	985	1	1	1	1	1	1	1	8	12	16	15	5	11	23	23	27	26	26	U3	15	AR	AR	+ 15	-1.96%	-5.16%	24.55%
	iShares S&P GSCI Commodity Indexes GSG	30.35	918	1	1	1	1	1	1	1	8	12	16	15	4	11	23	23	27	25	24	U3	15	AR	AR	+ 14	-1.97%	-4.32%	27.47%
	abrdn Physical Palladium Shares ETF PALL	142.55	875	29	29	28	30	30	19	7	2	2	4	2	1	1	1	1	1	1	1	D3	1	BF	AR	- 11	2.61%	11.40%	-12.60%
	iShares North American Natural Resources IGE	60.58	851	4	1	1	1	1	4	4	5	5	6	6	6	8	9	8	8	12	12	U3	40	BR	AR	- 42	-2.16%	1.32%	12.01%
	State Street SPDR S&P North America NANR	83.42	809	2	1	1	1	2	1	1	1	1	1	1	2	2	1	3	4	4	3	U3	47	AR	AR	- 5	-1.10%	6.29%	12.01%
	Sprott Physical Platinum and Palladium SPPP	16.70	728	24	27	27	28	28	17	4	1	4	7	4	1	1	1	1	1	1	1	D2	4	AF	AR	- 11	3.66%	13.76%	-10.79%
	United States Copper Index Fund CPER	37.29	723	7	12	14	15	26	5	4	6	7	8	4	2	3	2	1	1	1	2	D1	1	AR	AR	- 10	3.96%	15.27%	3.76%
	United States Commodity Index Fund USCI	94.32	349	2	1	1	1	1	1	3	13	18	23	20	7	9	23	26	27	25	23	U3	14	AR	AR	+ 13	-1.19%	-1.12%	17.44%
	Invesco DB Base Metals Fund DBB	24.96	328	7	6	6	5	8	4	3	8	10	10	6	3	3	3	1	1	1	2	U3	1	AR	AR	- 10	2.84%	11.73%	5.05%
	Invesco DB Precious Metals Fund DBP	115.47	300	10	7	6	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	4	AF	AR	- 7	2.69%	9.92%	1.84%
	Teucrium Wheat Fund WEAT	22.47	251	18	18	4	2	2	2	3	11	15	26	28	27	29	30	30	30	30	30	U3	7	BR	AF	+ 15	3.12%	-1.66%	10.36%
	Teucrium Corn Fund CORN	17.95	234	29	27	12	4	3	5	8	26	28	28	29	29	29	30	26	29	28	22	U3	7	BR	AR	- 1	1.13%	-4.52%	4.51%
	Teucrium Soybean Fund SOYB	24.52	61	16	7	4	3	3	3	4	17	19	19	23	29	29	29	29	29	29	27	U3	7	AR	AR	+ 11	0.08%	1.83%	11.56%
	Teucrium Sugar Fund CANE	9.07	51	30	28	5	2	2	14	27	30	30	30	30	30	30	30	30	30	30	30	U2	1	BF	BF	- 1	-2.79%	-13.21%	-6.30%
EF-74	Multi-Class Income			23	20	19	17	16	18	18	21	20	19	21	15	17	19	16	14	13	14	D1	1	AR	AR	- 7	1.27%	4.39%	1.83%
	First Trust Senior Loan Fund FTSL	45.23	2,275	28	25	20	14	13	19	26	27	28	28	28	20	21	21	19	16	15	16	U1	1	AR	AR	- 177	0.56%	1.35%	-0.30%
	Invesco CEF Income Composite ETF PCEF	19.96	833	23	22	27	26	27	26	26	23	23	23	24	17	19	20	17	15	14	16	D2	5	AR	AR	- 45	2.20%	6.91%	1.04%
	Amplify CEF High Income ETF YYY	11.58	710	23	20	25	25	23	24	26	22	22	20	24	17	18	20	17	15	14	16	D2	4	AR	AR	- 45	2.03%	6.26%	1.97%
	Multi-Asset Diversified Income Index Fund MDIV	16.55	407	20	14	8	5	10	12	13	19	18	19	19	16	19	20	19	17	17	19	U3	1	AR	AR	- 40	0.75%	3.34%	4.38%



		Relative Strength Ranking - RSR																				% Price Δ									
Group or Corp	Ticker	Price	MKT Cap(MM)	04/17	04/18	04/19	03/27	03/28	03/29	03/30	02/27	02/28	02/29	02/06	01/30	01/31	01/01	01/02	01/03	01/04	01/05	01/12	01/13	TRIPLE CYCLE	50 DAY	200 DAY	MACD	1 week	1 month	3 month	
				17	18	19	27	28	29	30	27	28	29	06	30	31	01	02	03	04	05	12	13								
EF-74	Multi-Class Income																														
	First Trust S&P International Dividend / FID	21.73	159	21	16	15	16	14	16	10	11	11	11	14	14	18	21	23	18	18	19			D1	2	AF	AR	- 6	0.66%	5.88%	3.63%
	Invesco Zacks Multi-Asset Income ETF CVY	28.42	119	18	18	14	14	18	20	18	19	17	17	16	14	16	15	14	14	13	15			D1	2	AF	AR	- 42	2.85%	7.36%	2.49%
	First Trust High Income Strategic Focus: HISF	44.96	92	28	26	21	17	16	20	24	25	25	26	26	19	21	21	20	16	15	16			D2	4	AR	AR	- 61	0.72%	1.94%	0.48%
	State Street Income Allocation ETF INKM	34.42	70	22	18	13	11	12	14	15	18	19	18	19	16	18	20	17	15	14	16			D1	4	AR	AR	- 122	0.98%	3.96%	3.21%
	BondBloxx USD High Yield Bond Sectc HYSA	15.07	31	26	23	21	18	16	24	26	25	25	27	26	19	21	21	19	16	15	16			D1	1	AR	AR	- 127	0.67%	2.59%	0.77%
	LEVERAGED/MISC																														
EF-75	Leveraged Long																														
	ProShares UltraPro QQQ TQQQ	58.59	31,583	1	28	30	30	30	28	30	29	29	30	29	14	13	13	8	10	5	7			D3	6	AR	AR	+ 5	19.16%	36.23%	8.40%
	Direxion Daily Semiconductor Bull 3X E SOXL	94.68	14,207	1	1	2	19	2	3	7	1	1	1	1	1	1	1	1	1	1	1			U3	1	AR	AR	+ 1	23.94%	85.14%	55.85%
	ProShares Ultra QQQ QLD	76.73	11,218	5	27	30	30	29	28	28	29	29	29	28	15	15	15	11	11	7	10			D3	5	AR	AR	- 43	12.52%	23.53%	6.96%
	ProShares Ultra S&P 500 SSO	61.62	7,065	9	26	29	30	29	28	28	25	23	27	20	14	15	14	10	10	7	10			D3	4	AR	AR	- 42	9.10%	19.08%	3.93%
	Direxion Daily S&P 500 Bull 3X ETF SPXL	238.73	5,718	5	27	30	30	30	30	29	26	22	27	18	10	13	7	4	5	4	2			D3	4	AR	AR	+ 1	13.81%	29.26%	4.29%
	ProShares UltraPro S&P500 UPRO	125.23	4,922	4	27	30	30	30	28	28	25	22	27	18	12	12	10	7	8	5	8			D3	4	AR	AR	- 41	13.84%	29.27%	4.48%
	Direxion Daily Technology Bull 3X ETF TECL	133.52	4,586	1	29	30	30	30	30	30	30	30	30	30	19	16	13	9	8	5	7			U1	1	AR	AR	+ 6	26.02%	44.78%	10.74%
	Direxion Daily 20+ Year Treasury Bull 3 TMF	36.69	2,843	30	30	29	29	29	28	27	18	25	22	29	26	25	25	24	23	20	23			D3	4	BF	BR	+ 14	1.55%	4.35%	-2.54%
	Direxion Daily Financial Bull 3X ETF FAS	140.83	2,267	30	30	30	30	30	30	30	30	30	30	27	24	27	19	8	8	5	10			D3	6	AF	BF	+ 8	9.74%	22.00%	-13.63%
	ProShares Ultra Semiconductors USD	71.21	2,158	1	1	28	30	28	26	28	25	11	16	14	5	7	6	7	5	4	9			U3	1	AR	AR	- 42	15.06%	44.40%	23.81%
	ProShares Ultra Silver AGQ	138.07	2,050	21	30	30	30	30	2	1	1	1	1	1	1	1	1	1	1	1	1			D3	1	AR	AR	- 11	12.98%	40.67%	-43.22%
	Direxion Daily MSCI South Korea Bull 3 KORU	515.85	1,666	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2			D1	4	AR	AR	- 45	30.94%	60.76%	88.45%
	Direxion Daily Small Cap Bull 3X ETF TNA	60.09	1,616	1	6	28	30	30	28	28	12	8	9	5	5	4	3	4	7	5	5			D1	1	AR	AR	- 36	17.00%	44.55%	5.80%
	ProShares Ultra Gold UGL	65.65	1,057	8	12	10	22	21	1	1	1	1	1	1	1	1	1	1	1	1	1			D1	1	BF	AR	- 6	3.84%	14.73%	5.29%
	ProShares Ultra Technology ROM	105.06	904	2	27	30	30	29	28	30	30	29	30	29	18	16	14	11	9	6	9			U1	1	AR	AR	+ 5	16.69%	28.98%	9.25%
	Direxion Daily FTSE China Bull 3X ETF YINN	37.41	826	30	30	30	30	30	30	30	30	30	30	30	29	29	30	30	22	30	30			D3	10	AF	BF	- 29	11.34%	20.07%	-17.47%
	ProShares Ultra Financials UYG	82.43	726	29	30	30	30	30	30	30	30	29	30	26	22	25	20	11	10	7	12			D3	6	AF	BF	+ 7	6.47%	14.67%	-8.21%
	Direxion Daily S&P Biotech Bull 3X ETF LABU	210.82	553	1	2	1	27	19	5	3	1	1	1	1	1	1	1	1	1	1	1			U3	1	AR	AR	+ 1	22.11%	47.70%	27.13%
	ProShares Ultra Dow30 DDM	59.09	532	18	27	29	30	29	28	28	21	17	16	12	12	11	9	7	8	6	9			D3	2	AF	AR	- 40	6.41%	16.81%	-0.87%
	ProShares Ultra Bloomberg Natural Gas BOIL	13.57	455	30	30	30	30	30	30	30	30	30	30	30	1	28	30	30	30	30	30			D3	8	BF	BF	- 9	-1.09%	-25.23%	-17.36%
	WisdomTree Bloomberg US Dollar Bull USDU	25.87	409	29	25	12	5	4	10	21	27	28	28	28	29	29	27	26	27	26	27			U3	1	BR	AR	+ 6	-0.54%	-1.37%	-0.46%
	ProShares Ultra Bloomberg Crude Oil UCO	37.46	402	1	1	1	1	1	1	1	1	2	16	13	3	27	30	30	30	30	30			U3	8	AR	AR	+ 15	-6.49%	-12.78%	83.09%
	Invesco DB US Dollar Index Bullish Fur UUP	27.36	365	29	23	10	5	4	8	18	27	28	28	28	29	29	25	25	26	26	27			U3	7	BR	AR	- 1	-0.29%	-1.16%	-0.26%
	ProShares UltraPro Russell2000 URTY	70.15	358	1	6	28	30	30	28	28	12	8	9	5	5	4	3	4	7	5	5			D1	1	AR	AR	- 36	17.05%	44.55%	5.89%
	Direxion Daily S&P Oil & Gas Exp. & Pr GUSH	33.66	261	1	1	1	1	1	1	2	3	3	3	4	6	12	23	26	20	26	27			U3	12	BR	AR	- 12	-10.69%	-19.35%	45.72%
	ProShares Ultra Russell2000 UWM	57.55	259	1	8	25	27	28	28	27	14	12	12	9	8	5	5	5	8	6	7			U3	1	AR	AR	- 38	11.23%	28.57%	5.51%
	Direxion Daily Energy Bull 2X ETF ERX	82.66	245	1	1	1	1	1	2	2	2	2	2	2	2	5	7	8	9	17	22			U3	23	BR	AR	- 31	-6.94%	-13.81%	31.59%
	Direxion Daily S&P 500 Bull 2X ETF SPUU	196.47	232	8	26	29	30	29	28	28	25	23	27	19	14	15	13	10	9	7	10			D3	4	AR	AR	- 42	9.17%	19.21%	4.10%
	Direxion Daily MSCI Emerging Markets EDC	77.57	196	1	1	27	29	28	17	13	2	2	2	2	2	3	3	3	3	4	7			D1	1	AR	AR	- 46	15.52%	44.93%	22.07%
	ProShares Ultra MidCap400 MVV	83.21	156	2	6	14	25	27	26	18	10	8	10	7	12	8	7	8	11	8	11			D1	1	AR	AR	- 39	6.94%	21.59%	6.50%
	BetaPro Crude Oil Leveraged Daily Bul HZOZF	18.90	146	2	1	1	1	1	1	7	27	28	30	30	30	30	30	30	30	30	30			U3	9	AR	AR	+ 9	0.00%	26.00%	0.00%
	Direxion Daily MSCI Brazil Bull 2X ETF BRZU	127.64	142	1	1	1	1	5	4	3	2	2	2	2	2	2	5	4	4	4	7			U3	2	AR	AR	- 49	-0.93%	36.36%	48.24%
	Direxion Daily Healthcare Bull 3X ETF CURE	94.96	133	30	30	30	30	30	28	22	6	10	7	6	6	4	5	3	2	2	3			D3	2	BF	BR	- 26	2.60%	6.98%	-15.63%
	ProShares Ultra Nasdaq Biotechnology BIB	89.45	86	4	15	5	25	22	11	10	5	6	6	4	4	4	5	3	3	2	2			D1	1	AR	AR	- 36	9.66%	19.15%	10.67%
	Direxion Daily Mid Cap Bull 3X ETF MIDU	64.89	84	1	4	18	28	28	28	20	6	4	5	4	9	6	5	5	9	7	10			D1	1	AR	AR	- 37	10.51%	33.29%	7.99%
	ProShares Ultra Health Care RXL	47.02	76	30	30	30	30	29	27	19	10	15	11	10	8	6	7	5	4	3	4			D3	2	BF	AR	- 27	1.86%	4.97%	-9.73%
	ProShares Ultra Energy DIG	53.32	75	1	1	1	1	1	2	2	2	2	2	2	2	5	7	8	10	17	22			U3	23	BR	AR	- 31	-6.99%	-14.00%	31.13%
	Direxion Daily MSCI India Bull 2X ETF INDL	49.62	64	30	30	30	30	30	30	30	29	29	29	29	27	29	27	26	15	19	20			D3	11	AF	BF	+ 33	7.73%	20.05%	-8.10%
	Direxion Daily FTSE Europe Bull 3X ET EURL	47.46	64	1	4	27	30	30	28	21	3	3	3	3	3	4	5	4	4	4	6			D2	4	AF	AR	- 59	7.04%	38.51%	5.91%

			Relative Strength Ranking - RSR																				% Price Δ								
			MKT	04/17	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	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	70.51	61	2	8	17	27	27	13	12	12	15	13	24	21	23	18	26	24	23	27	D1	1	AR	AR	- 9	7.88%	21.02%	10.23%	
	BetaPro S&P/TSX Capped Financials 2 *CFOU		44.69	52	1	3	12	26	27	24	13	8	3	4	4	3	3	1	1	1	1	1	U3	1	AR	AR	+ 1	10.00%	30.23%	13.06%	
	Direxion Daily Real Estate Bull 3X ETF	DRN	11.02	49	1	5	21	30	29	12	9	7	9	9	23	22	24	16	28	27	26	29	D1	1	AR	AR	- 8	11.88%	32.36%	14.57%	
	ProShares Ultra MSCI Emerging Markets	EET	104.43	46	1	2	24	26	25	14	14	4	3	3	4	4	4	5	5	5	6	9	D1	1	AR	AR	- 48	10.36%	29.31%	17.03%	
	ProShares Ultra Yen	YCL	18.40	45	30	29	29	27	28	29	29	30	29	28	30	30	30	30	30	30	30	30	D3	6	BF	BF	+ 1	1.29%	0.91%	-1.65%	
	ProShares Ultra Materials	UYM	31.40	43	1	1	1	3	13	7	6	3	3	2	3	5	5	6	6	11	12	16	D1	4	AR	AR	- 15	-0.90%	22.04%	12.00%	
	Direxion Daily 7-10 Year Treasury Bull	TYD	25.01	38	29	28	27	27	27	27	26	22	25	24	28	23	25	25	22	19	16	18	D3	4	BF	BR	- 43	1.71%	3.20%	-0.05%	
	Direxion Daily Retail Bull 3X ETF	RETL	9.21	34	22	30	30	30	30	30	30	27	19	23	13	21	10	6	5	13	7	7	D3	3	AF	AR	- 38	15.41%	34.11%	-15.30%	
	ProShares UltraPro MidCap400	UMDD	32.63	34	1	4	19	27	28	28	20	6	4	5	4	9	6	5	5	10	7	10	D1	1	AR	AR	- 36	10.48%	33.34%	8.18%	
	ProShares Ultra Industrials	UXI	56.56	32	3	2	9	20	12	11	6	4	4	4	4	7	8	6	9	11	10	14	D1	4	AF	AR	- 45	2.21%	14.85%	6.02%	
	ProShares Ultra MSCI EAFE	EFO	74.20	32	2	5	16	27	28	24	18	5	5	5	7	6	7	7	7	7	7	10	D1	1	AR	AR	- 59	5.77%	25.35%	9.21%	
	ProShares Ultra SmallCap600	SAA	31.98	26	1	4	10	22	27	27	18	11	8	8	5	8	7	6	7	10	7	9	U3	1	AR	AR	- 35	7.94%	26.11%	8.89%	
	ProShares Ultra 7-10 Year Treasury	UST	43.58	19	29	27	25	23	24	24	24	22	25	24	28	22	23	24	21	18	15	17	D3	4	AR	AR	- 55	1.17%	2.55%	0.85%	
	ProShares Ultra High Yield	UJB	79.16	17	25	22	21	22	22	24	26	25	25	25	24	18	20	20	17	15	14	16	D2	5	AR	AR	- 48	1.63%	4.94%	0.84%	
ProShares Ultra FTSE China 50	XPP	24.33	12	30	30	30	30	30	30	30	30	29	30	29	21	23	24	23	13	19	22	D3	11	AF	BR	+ 8	7.00%	13.06%	-10.97%		
ProShares Ultra Euro	ULE	13.14	7	26	23	27	22	22	28	27	25	27	23	24	24	26	29	30	29	27	26	D2	6	AF	AR	+ 1	0.61%	3.56%	2.50%		
ProShares Ultra MSCI Brazil Capped	UBR	42.12	5	1	1	1	1	5	4	3	2	2	2	2	2	2	5	4	4	5	7	U3	2	AR	AR	- 49	-0.85%	36.35%	47.73%		
EF-76	Leveraged Short				30	30	26	5	4	18	27	30	30	30	30	24	25	24	21	11	9	13	D3	1	BF	BF	- 1	-5.48%	-14.40%	-10.46%	
	ProShares UltraPro Short QQQ	SQQQ	56.39	2,949	30	29	2	1	4	7	13	27	29	26	29	28	30	30	30	28	30	30	U3	4	BF	BF	+ 48	-16.61%	-29.16%	-14.62%	
	Direxion Daily Semiconductor Bear 3X	SOXS	18.87	1,631	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	2	BF	BF	+ 48	-20.35%	-53.25%	-54.52%	
	ProShares UltraShort Bloomberg Crude	SCO	8.47	1,179	30	30	30	30	30	30	30	30	30	30	30	30	30	29	23	4	4	4	D3	9	BF	BF	- 15	4.96%	6.81%	-53.56%	
	ProShares Short S&P500	SH	34.80	1,148	30	25	6	3	7	11	18	27	28	28	29	23	25	26	26	22	23	23	U3	4	BF	BF	+ 43	-4.26%	-8.47%	-1.89%	
	ProShares UltraPro Dow30	UDOW	60.51	847	15	27	30	30	30	28	28	18	13	12	7	9	8	6	5	6	4	6	D3	2	AF	AR	- 39	9.52%	25.62%	-2.61%	
	ProShares Short QQQ	PSQ	28.67	686	30	26	6	2	6	11	16	25	25	26	28	23	25	26	27	22	23	24	U3	5	BF	BF	+ 45	-5.81%	-10.37%	-3.84%	
	ProShares UltraPro Short S&P500	SPXU	43.56	557	30	27	3	1	4	7	15	29	29	29	30	28	29	30	30	28	29	29	U3	4	BF	BF	+ 46	-12.41%	-24.34%	-8.40%	
	ProShares UltraShort S&P 500	SDS	63.21	465	30	27	4	2	5	9	16	28	29	28	30	26	28	28	29	25	27	26	U3	4	BF	BF	+ 45	-8.39%	-16.62%	-4.96%	
	Direxion Daily S&P 500 Bear 3X ETF	SPXS	31.07	436	30	28	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	U3	3	BF	AR	- 22	-12.43%	-24.27%	-9.21%	
	ProShares UltraShort QQQ	QID	17.93	342	30	27	4	1	5	9	14	25	28	26	28	26	28	28	29	25	28	28	U3	4	BF	BF	+ 46	-11.28%	-20.10%	-8.94%	
	Direxion Daily Small Cap Bear 3X ETF	TZA	5.08	281	30	30	28	3	5	12	28	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 42	-15.33%	-33.46%	-14.35%	
	ProShares UltraShort 20+ Year Treasury	TBT	34.69	278	25	15	9	3	6	10	24	29	29	28	24	16	21	21	21	15	17	18	U3	4	AR	AF	- 3	-1.28%	-2.94%	0.97%	
	ProShares UltraPro Short Dow30	SDOW	28.89	182	30	27	4	1	4	7	17	30	30	30	30	28	30	30	30	29	30	29	U3	1	BR	BF	+ 44	-8.92%	-21.99%	-1.75%	
	Direxion Daily 20+ Year Treasury Bear	TMV	36.66	172	23	11	6	2	5	8	23	29	29	29	24	14	20	20	20	13	16	17	U3	4	AR	AF	- 5	-1.72%	-4.55%	1.24%	
	ProShares UltraShort Silver	ZSL	18.82	168	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	3	BF	BF	+ 110	-12.99%	-34.15%	-38.70%	
	ProShares UltraShort Bloomberg Natural Resources	KOLD	25.33	159	30	29	30	30	30	30	30	30	30	30	30	30	30	30	1	1	1	2	19	U1	2	AR	BR	+ 2	0.76%	27.86%	-44.01%
	ProShares Short Russell2000	RWM	14.62	148	30	29	20	4	8	13	25	29	29	30	30	26	29	29	29	23	24	26	D3	1	BF	BF	+ 40	-5.19%	-12.11%	-3.50%	
	Invesco DB US Dollar Index Bearish Fund	UDN	18.35	142	27	25	24	15	14	25	26	26	27	24	26	26	27	29	29	28	28	27	D2	5	AF	AR	- 7	0.60%	1.61%	1.72%	
	Direxion Daily Financial Bear 3X ETF	FAZ	42.27	126	30	6	1	1	3	2	4	12	18	12	29	21	20	28	30	28	29	28	U3	5	BR	BF	- 6	-9.19%	-19.61%	8.74%	
	ProShares Short Dow30	DOG	22.92	114	30	25	7	3	6	11	19	28	29	29	30	24	26	27	27	23	23	24	U3	2	BR	BF	+ 41	-3.05%	-7.60%	0.38%	
	ProShares Short High Yield	SJB	15.25	104	29	25	17	5	10	13	21	25	28	28	28	21	23	24	23	19	18	19	U3	7	BR	BF	- 6	-0.72%	-2.28%	0.38%	
	ProShares UltraShort Gold	GLL	18.73	104	30	30	30	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	4	BF	BF	+ 5	-3.90%	-15.25%	-19.06%	
	ProShares Short 20+ Year Treasury	TBF	24.13	80	26	18	12	4	8	12	24	28	28	28	26	18	21	22	21	16	17	18	U3	4	AR	AF	- 15	-0.45%	-1.42%	0.97%	
	Direxion Daily Technology Bear 3X ETF	TECS	13.06	80	30	30	4	1	4	7	9	22	29	28	29	28	30	30	30	30	30	30	D1	1	BF	BF	+ 47	-21.61%	-34.66%	-21.65%	
	ProShares UltraPro Short Russell2000	SRTY	28.74	80	30	30	28	3	5	12	28	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 43	-15.20%	-33.43%	-14.44%	
	ProShares UltraShort Russell2000	TWM	25.02	55	30	30	25	4	6	12	27	30	30	30	30	29	30	30	30	28	29	29	D3	1	BF	BF	+ 41	-10.42%	-23.46%	-8.73%	
	ProShares UltraShort Dow30	DXD	19.32	51	30	27	4	2	4	9	18	29	30	30	30	27	29	29	30	27	28	27	U3	2	BR	BF	+ 42	-5.94%	-14.98%	-0.37%	

				Relative Strength Ranking - RSR																		% Price Δ								
			MKT	04/17	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	TRIPLE	50	200						
Group or Corp		Ticker	Price	Cap(MM)																		CYCLE	DAY	DAY	MACD	1 week	1 month	3 month		
EF-76	Leveraged Short																													
	Direxion Daily Energy Bear 2X ETF	ERY	12.64	44	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	27	21	21	D3	23	AF	BF	+ 41	6.94%	13.91%	-26.75%
	ProShares UltraShort Euro	EUO	28.53	39	29	27	7	4	4	4	16	27	28	29	29	29	29	25	26	28	29	29	U3	5	BR	BR	- 1	-0.59%	-3.26%	-2.21%
	ProShares UltraShort Yen	YCS	52.05	34	25	10	4	3	3	3	7	18	22	27	15	17	15	6	5	4	3	4	U3	6	BR	AR	- 1	-2.95%	-2.24%	0.06%
	Direxion Daily Real Estate Bear 3X ETF	DRV	19.31	30	30	30	27	2	6	28	30	30	30	30	30	23	24	28	14	9	10	8	U1	1	BF	BF	+ 10	-10.81%	-25.37%	-16.02%
	ProShares Short MSCI EAFE	EFZ	11.70	28	30	29	24	4	8	16	27	30	30	30	30	26	28	28	28	24	23	24	U1	1	BF	BF	+ 58	-2.17%	-10.48%	-4.46%
	ProShares Ultrashort Semiconductors	SSG	19.83	26	30	30	29	4	20	28	28	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 49	-13.63%	-33.84%	-28.15%
	Direxion Daily MSCI Emerging Markets	EDZ	20.68	23	30	30	30	17	23	28	30	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 60	-13.94%	-35.54%	-30.65%
	ProShares UltraShort Energy	DUG	20.67	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	27	21	21	D3	23	AF	BF	+ 41	6.93%	13.76%	-26.82%
	ProShares Short 7-10 Year Treasury	TBX	27.93	18	27	20	14	5	10	14	24	27	28	28	27	19	21	22	22	18	17	19	U3	5	AR	AR	- 14	-0.54%	-0.98%	0.40%
	ProShares UltraPro Short 20+ Year Treasury	TTT	65.94	18	24	12	6	2	5	8	25	30	29	30	24	14	21	21	21	15	17	18	U3	4	AR	AF	+ 9	-1.76%	-4.57%	0.87%
	ProShares Short Financials	SEF	32.11	17	29	16	4	2	5	7	11	20	23	19	28	20	21	24	26	22	23	23	U3	6	BR	AR	- 7	-3.11%	-6.71%	4.09%
	ProShares UltraShort Real Estate	SRS	40.25	17	30	30	25	3	7	27	28	30	30	30	29	22	22	27	16	12	12	10	U1	1	BF	BF	+ 9	-7.43%	-17.59%	-10.40%
	ProShares UltraShort Financials	SKF	27.32	16	29	10	2	1	3	3	7	14	21	16	29	20	21	26	29	25	27	26	U3	5	BR	BF	- 6	-6.21%	-13.51%	6.63%
	ProShares UltraShort FTSE Europe	EPV	18.80	14	30	30	25	3	5	13	28	30	30	30	30	29	30	30	30	29	28	28	U1	1	BF	BF	+ 59	-4.43%	-21.71%	-8.68%
	ProShares UltraShort MSCI Emerging Markets	IEEV	13.35	13	30	30	28	9	15	28	28	30	30	30	30	30	30	30	30	30	29	28	D3	1	BF	BF	+ 51	-9.72%	-25.07%	-20.53%
	ProShares Short Real Estate	REK	15.62	12	30	28	21	4	9	23	28	29	29	30	28	21	22	25	18	14	14	13	U1	1	BF	BF	+ 8	-3.67%	-9.09%	-4.79%
	ProShares Short MSCI Emerging Markets	EUM	17.13	12	30	30	25	6	12	24	28	30	30	30	30	28	29	29	29	26	24	24	U1	2	BF	BF	+ 49	-4.83%	-12.91%	-9.52%
	ProShares UltraShort Industrials	SIJ	8.97	6	30	30	29	9	18	28	30	30	30	30	30	29	30	30	30	25	24	24	U1	4	BF	BF	+ 47	-2.09%	-14.43%	-8.21%
	ProShares UltraShort Consumer Discretionary	SCC	13.90	6	30	8	1	1	3	4	9	21	23	19	26	25	29	29	30	22	28	28	U3	5	BF	BF	- 1	-12.32%	-21.14%	1.73%
	ProShares UltraShort FTSE China 50	FXP	18.63	5	23	3	1	1	3	4	4	12	24	20	28	24	25	25	25	25	21	20	U3	8	BR	AF	- 5	-6.91%	-12.67%	8.74%
	ProShares UltraShort Consumer Staples	SKZ	11.32	5	30	28	27	22	14	28	30	30	30	30	30	28	29	28	23	12	13	14	U1	4	AR	BF	+ 11	-0.36%	-3.64%	-1.18%
	ProShares UltraShort Utilities	SDP	10.58	5	30	30	30	27	18	28	30	30	30	30	27	19	17	23	16	17	15	14	D3	5	AF	BF	+ 109	3.87%	-6.99%	-12.24%
	ProShares Short FTSE China 50	YXI	20.75	4	25	7	3	2	4	8	8	18	25	23	28	22	24	24	23	22	18	18	U3	9	BR	AF	- 6	-3.94%	-6.56%	4.98%
	ProShares UltraShort Technology	REW	9.25	4	30	29	4	1	5	8	11	22	28	27	28	26	28	29	30	28	29	29	D1	1	BF	BF	+ 46	-14.84%	-24.32%	-13.65%
	BetaPro Gold Bullion -2x Daily Bear ETF	*GLDD	5.02	4	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	U1	4	BF	BF	+ 5	-2.89%	-15.00%	-17.84%
	BetaPro S&P/TSX Capped Financials - 4404571	*	10.58	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D1	1	BF	AR	- 13	-7.49%	-22.83%	-10.45%
	ProShares Short S&P Mid Cap400	MYI	15.88	3	30	29	23	5	9	14	27	29	30	30	30	24	27	28	27	22	22	23	U1	1	BF	BF	+ 41	-3.35%	-9.60%	-3.49%
	ProShares UltraShort Materials	SMN	9.87	3	30	30	30	29	18	28	30	30	30	30	30	30	30	30	30	25	25	23	D3	1	BF	BF	+ 16	0.39%	-19.14%	-13.13%
	ProShares UltraShort MSCI Brazil Cap	BZQ	8.52	3	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	2	BF	BF	+ 54	0.83%	-28.65%	-38.77%
BetaPro S&P/TSX Capped Energy -2x	*NRGD	6.75	2	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	D3	15	AF	BF	- 13	13.23%	14.93%	-33.26%	
ProShares UltraShort Nasdaq Biotech	BIS	7.98	2	30	30	30	7	13	28	30	30	30	30	30	30	30	30	30	30	30	30	D3	1	BF	BF	+ 39	-9.19%	-17.69%	-13.53%	
ProShares UltraPro Short MidCap400	SMDD	9.00	2	30	30	29	5	7	16	28	30	30	30	30	29	30	30	30	28	29	29	D3	1	BF	BF	+ 44	-10.01%	-27.13%	-13.34%	
ProShares UltraShort SmallCap600	SDD	9.73	2	30	30	28	6	9	15	28	30	30	30	30	29	30	30	30	26	28	28	D3	1	BF	BF	+ 40	-7.62%	-21.11%	-10.33%	
ProShares UltraShort MSCI EAFE	EFU	7.35	1	30	30	27	4	6	16	28	30	30	30	30	29	30	30	30	30	28	28	U1	1	BF	BF	+ 59	-6.84%	-22.23%	-12.62%	
ProShares UltraShort MidCap400	MZZ	6.43	1	30	30	27	5	8	14	28	30	30	30	30	28	30	30	30	25	26	26	D3	1	BF	BF	+ 42	-6.67%	-18.63%	-8.06%	
EF-77	Misc.				20	18	14	11	11	12	16	20	19	20	20	13	14	16	15	12	13	13	U3	1	AR	AR	- 7	1.75%	5.01%	2.69%
	VanEck Uranium and Nuclear ETF	NLR	145.96	5,180	15	25	27	26	28	19	26	11	8	15	13	3	2	1	5	9	29	23	D1	1	AR	AR	- 7	6.73%	14.19%	-1.74%
	First Trust Long/Short Equity ETF	FTLS	72.41	2,237	25	18	20	18	20	24	26	25	25	27	24	17	19	20	17	13	12	14	U2	1	AR	AR	- 42	0.11%	4.46%	1.52%
	State Street Multi-Asset Real Return E	*RLY	36.30	1,098	6	3	2	2	5	5	6	8	10	10	12	9	9	12	13	11	9	13	U3	49	AR	AR	- 62	-0.38%	3.23%	10.28%
	NYLI Merger Arbitrage ETF	MNA	36.43	253	27	24	16	8	7	17	23	27	25	26	27	27	28	28	28	28	28	27	U3	1	AR	AR	+ 1	0.55%	0.98%	1.22%
	iShares Morningstar Multi-Asset Income	IYLD	22.28	129	22	17	14	13	12	14	16	18	18	18	18	14	16	18	16	13	13	14	D1	4	AR	AR	- 61	1.09%	4.18%	3.19%
	AdvisorShares STAR Global Buy-Write	VEGA	51.13	83	22	21	25	24	22	23	23	22	22	22	22	19	21	23	20	19	19	18	D2	5	AR	AR	+ 1	2.78%	6.86%	2.35%
	Invesco S&P 500 Downside Hedged E	PHDG	40.10	64	16	18	17	12	12	14	15	25	25	26	25	19	21	20	17	16	13	16	U3	2	AR	AR	- 35	3.44%	6.31%	6.04%
	ProShares Hedge Replication ETF	HDG	53.38	22	22	19	19	14	14	17	24	23	23	23	23	17	19	19	17	15	14	15	U3	1	AR	AR	- 43	1.75%	4.56%	2.27%
	ProShares Inflation Expectations ETF	RINF	32.08	19	29	22	18	12	13	17	26	27	28	28	28	20	21	22	22	17	18	19	U3	2	AF	AF	- 49	-0.33%	0.59%	-0.03%

			Relative Strength Ranking - RSR																				% Price Δ					
Group or Corp	Ticker	Price	MKT	04/	04/	04/	03/	03/	03/	03/	02/	02/	02/	02/	01/	01/	01/	01/	01/	12/	12/	TRIPLE	50	200	MACD	1 week	1 month	3 month
			Cap(MM)	17	10	03	27	20	13	06	27	20	13	06	30	23	16	09	02	31	26	CYCLE	DAY	DAY				

EF-77   Misc.

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